LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	26	rVB	261564	259126	13.94%	0.705%
2	1.597	70	80	92	rVB3	194699	298612	16.06%	0.813%
3	1.912	170	178	194	rVV	90813	131178	7.06%	0.357%
4	1.996	195	204	221	rVB	159499	223455	12.02%	0.608%
5	2.205	260	269	288	rVB	170699	266390	14.33%	0.725%
6	2.568	367	382	399	rBV	157105	273597	14.72%	0.744%
7	3.083	518	542	554	rBV	206140	483227	25.99%	1.315%
8	3.356	612	627	648	rBV4	254670	562155	30.23%	1.530%
9	3.697	714	733	754	rBV	226003	501003	26.95%	1.363%
10	4.430	946	961	975	rBV4	26691	67137	3.61%	0.183%
11	4.530	975	992	1008	rBV	214970	515884	27.75%	1.404%
12	4.626	1008	1022	1028	rBV	179602	413789	22.26%	1.126%
13	5.060	1143	1157	1172	rBV	134912	303339	16.31%	0.825%
14	5.372	1236	1254	1270	rBV5	329132	904578	48.65%	2.461%
15	5.459	1270	1281	1305	rVB2	115103	294769	15.85%	0.802%
16	5.591	1305	1322	1333	rBV	344276	777357	41.81%	2.115%
17	5.723	1346	1363	1377	rBV2	282257	719821	38.71%	1.959%
18	5.848	1388	1402	1411	rBV2	221008	458345	24.65%	1.247%
19	5.916	1412	1423	1434	rVV3	182276	411489	22.13%	1.120%
20	5.986	1434	1445	1475	rVB	308519	697727	37.53%	1.899%
21	6.131	1475	1490	1512	rBV	348282	660256	35.51%	1.797%
22	6.247	1512	1526	1535	rBV	249249	489524	26.33%	1.332%
23	6.539	1604	1617	1649	rBV5	149712	377878	20.32%	1.028%
24	6.687	1649	1663	1669	rBV	186517	351219	18.89%	0.956%
25	6.758	1670	1685	1698	rVB2	823600	1859293	100.00%	5.059%
26	6.864	1708	1718	1731	rVB	82893	157681	8.48%	0.429%
27	6.977	1741	1753	1766	rBV	149075	271990	14.63%	0.740%
28	7.070	1766	1782	1796	rVB	210203	413715	22.25%	1.126%
29	7.234	1821	1833	1853	rVB3	259305	571133	30.72%	1.554%
30	7.395	1869	1883	1888	rBV2	91760	193812	10.42%	0.527%
31	7.494	1905	1914	1922	rBV2	282658	455131	24.48%	1.238%
32	7.536	1922	1927	1949	rVB4	114118	335458	18.04%	0.913%
33	7.655	1956	1964	1973	rBV	225809	342473	18.42%	0.932%
34	7.758	1984	1996	2011	rVB7	118451	267305	14.38%	0.727%
35	7.851	2011	2025	2032	rBV2	560707	1112112	59.81%	3.026%
36	7.890	2032	2037	2050	rVB3	508711	875672	47.10%	2.383%

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GBQA5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

37	8.022	2067	2078	2085	rBV4	147290	327102	17.59%	0.890%
38	8.092	2094	2100	2106	rBV	116061	174272	9.37%	0.474%
39	8.124	2106	2110	2119	rVB	147202	194905	10.48%	0.530%
40	8.240	2133	2146	2160	rVB3	393902	813105	43.73%	2.213%
41	8.366	2172	2185	2192	rBV2	194867	359930	19.36%	0.979%
42	8.407	2192	2198	2211	rVB3	96434	186282	10.02%	0.507%
43	8.472	2212	2218	2229	rVB6	41474	66386	3.57%	0.181%
44	8.546	2230	2241	2251	rVB5	132625	242266	13.03%	0.659%
45	8.629	2251	2267	2282	rBV2	752129	1471396	79.14%	4.004%
46	8.751	2297	2305	2311	rBV3	54617	96816	5.21%	0.263%
47	8.803	2312	2321	2330	rVB5	177550	302972	16.30%	0.824%
48	8.861	2330	2339	2349	rBV	435428	677426	36.43%	1.843%
49	8.922	2349	2358	2368	rBV	436662	703513	37.84%	1.914%
50	9.067	2390	2403	2412	rBV4	172457	348398	18.74%	0.948%
51	9.118	2412	2419	2425	rVV	88280	133852	7.20%	0.364%
52	9.163	2425	2433	2440	rVV3	184567	334882	18.01%	0.911%
53	9.208	2441	2447	2458	rVV2	179602	293461	15.78%	0.799%
54	9.330	2476	2485	2500	rVB	248618	434591	23.37%	1.183%
55	9.414	2500	2511	2520	rBV	334230	556969	29.96%	1.516%
56	9.507	2535	2540	2548	rVB	62397	87665	4.71%	0.239%
57	9.562	2549	2557	2571	rVB3	115609	219869	11.83%	0.598%
58	9.655	2573	2586	2593	rBV5	124971	311403	16.75%	0.847%
59	9.755	2612	2617	2643	rVB4	151949	356923	19.20%	0.971%
60	9.883	2644	2657	2669	rBV4	65965	152173	8.18%	0.414%
61	10.028	2688	2702	2712	rBV3	212360	482288	25.94%	1.312%
62	10.269	2754	2777	2792	rBV4	240990	701053	37.71%	1.908%
63	10.353	2794	2803	2824	rVB6	279683	714207	38.41%	1.943%
64	10.478	2832	2842	2850	rBV4	59764	108310	5.83%	0.295%
65	10.693	2902	2909	2917	rVB3	74311	111955	6.02%	0.305%
66	10.751	2917	2927	2936	rBV	205247	350294	18.84%	0.953%
67	10.806	2937	2944	2957	rVB6	127515	224885	12.10%	0.612%
68	10.899	2963	2973	2981	rBV2	142387	243802	13.11%	0.663%
69	11.018	3001	3010	3017	rBV2	95742	151884	8.17%	0.413%
70	11.060	3018	3023	3035	rVB5	57005	95237	5.12%	0.259%
71	11.295	3085	3096	3112	rVB7	65678	173796	9.35%	0.473%
72	11.462	3140	3148	3161	rBV3	54208	115044	6.19%	0.313%
73	11.639	3198	3203	3214	rVB3	43828	69131	3.72%	0.188%
74	11.710	3216	3225	3230	rBV2	77974	122218	6.57%	0.333%
75	11.806	3243	3255	3269	rBV2	366180	637479	34.29%	1.735%
76	12.092	3334	3344	3361	rBV2	181233	334341	17.98%	0.910%

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GBQA5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

77	12.185	3362	3373	3391	rVB4	509688	1026079	55.19%	2.792%
78	12.295	3401	3407	3423	rVV9	29824	60966	3.28%	0.166%
79	12.375	3424	3432	3446	rVB2	57260	103528	5.57%	0.282%
80	12.462	3451	3459	3475	rVB	61930	102799	5.53%	0.280%
81	12.565	3481	3491	3499	rBV	304220	468935	25.22%	1.276%
82	12.607	3500	3504	3515	rVB2	59584	81146	4.36%	0.221%
83	12.677	3516	3526	3546	rBV3	214780	510996	27.48%	1.390%
84	12.967	3609	3616	3627	rVB2	181507	273974	14.74%	0.746%
85	13.025	3628	3634	3649	rVB5	34702	94755	5.10%	0.258%
86	13.105	3649	3659	3673	rBV4	111749	261253	14.05%	0.711%
87	13.288	3708	3716	3725	rVB	151047	210310	11.31%	0.572%
88	13.407	3744	3753	3757	rBV4	55704	91079	4.90%	0.248%
89	13.449	3757	3766	3781	rVB3	359379	653487	35.15%	1.778%
90	13.555	3792	3799	3807	rVB	78046	100622	5.41%	0.274%
91	13.623	3811	3820	3840	rVB5	83450	197409	10.62%	0.537%
92	13.729	3844	3853	3860	rBV2	74670	120654	6.49%	0.328%
93	13.780	3860	3869	3877	rBV	163869	261485	14.06%	0.712%
94	13.832	3877	3885	3896	rBV4	167851	285162	15.34%	0.776%
95	13.938	3911	3918	3934	rVB2	168271	364247	19.59%	0.991%
96	14.282	4009	4025	4037	rBV6	77669	186917	10.05%	0.509%
97	14.343	4037	4044	4052	rVV2	53251	89621	4.82%	0.244%
98	14.478	4076	4086	4097	rBV	82804	137495	7.40%	0.374%
99	14.664	4132	4144	4157	rBV4	88174	197289	10.61%	0.537%
100	14.873	4201	4209	4219	rVB2	55513	89920	4.84%	0.245%

Sum of corrected areas: 36750239

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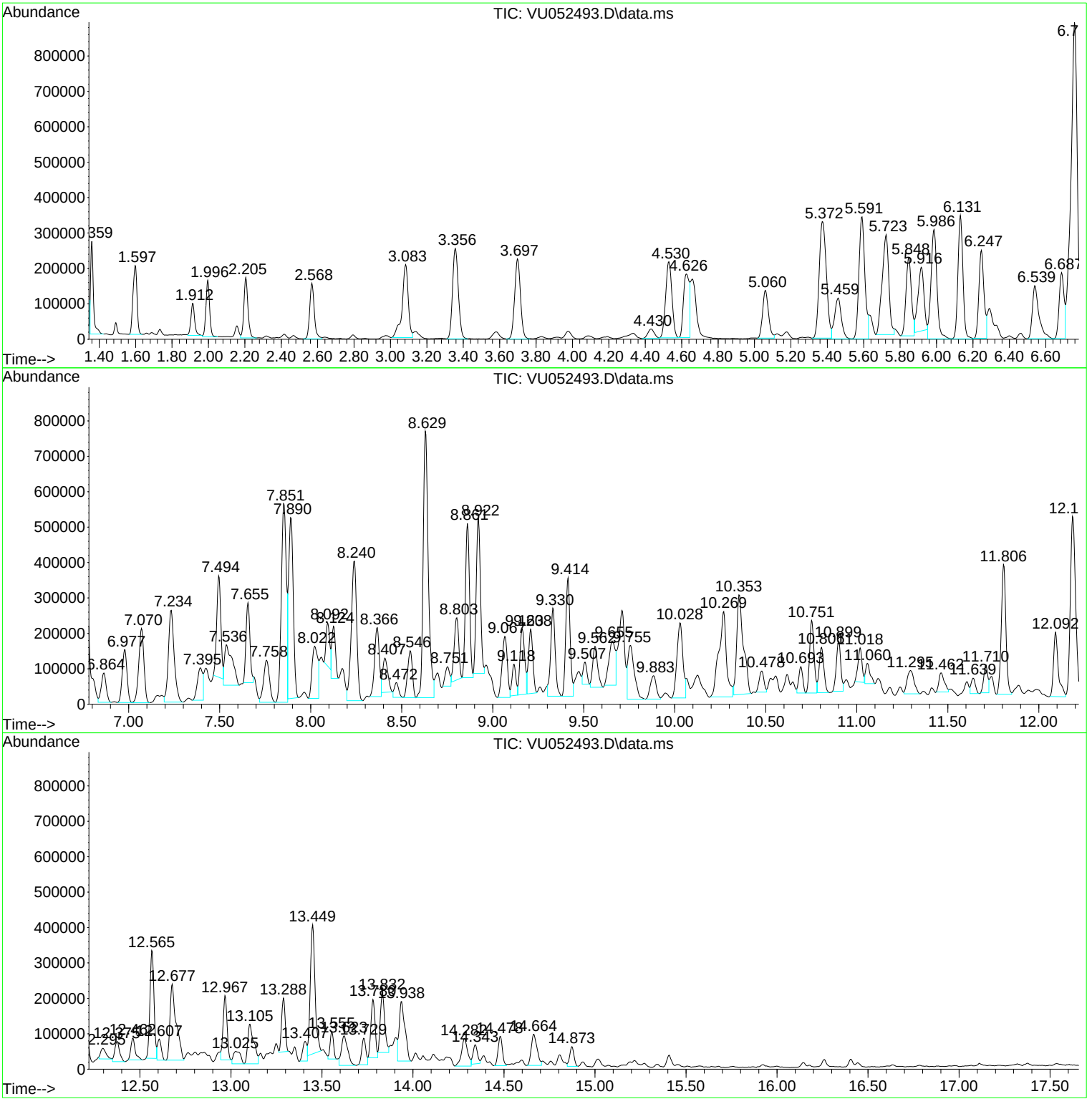
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

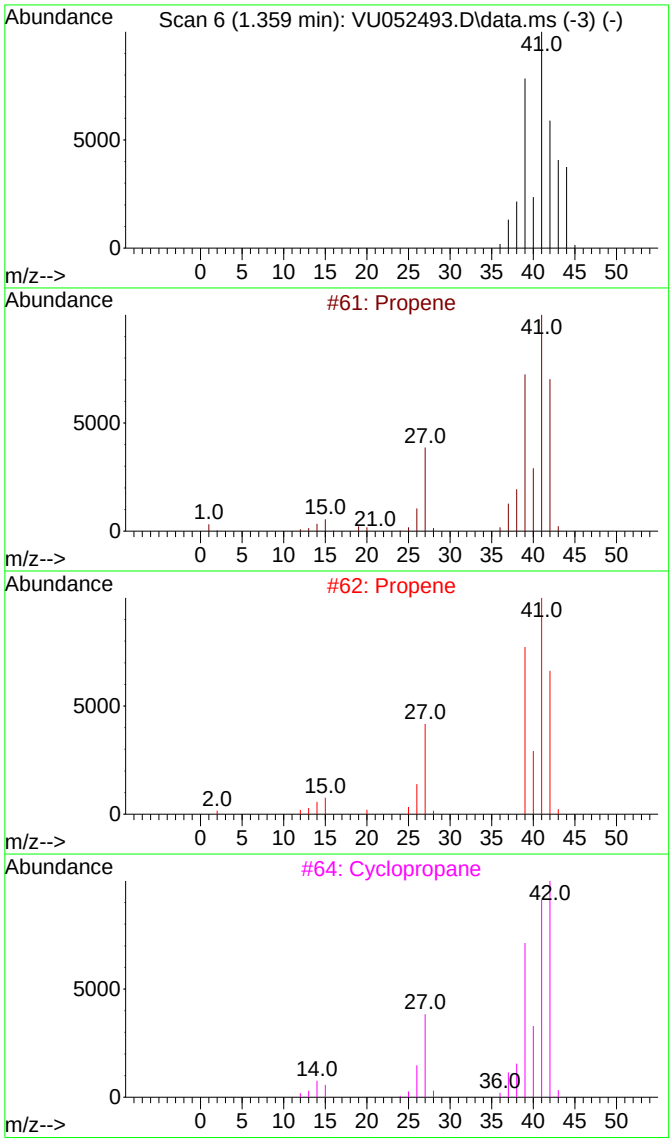
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

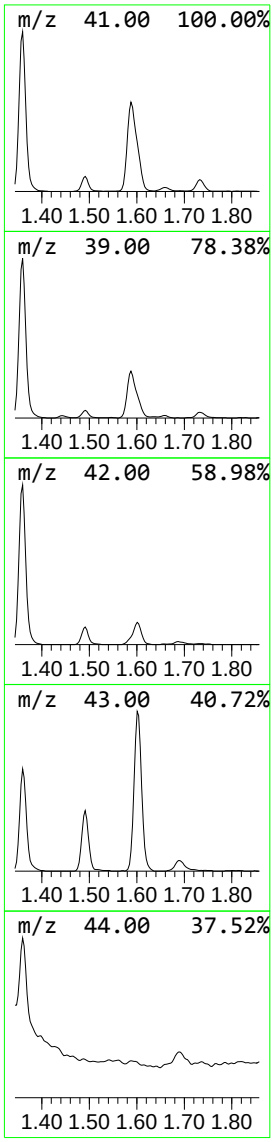
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	2.65 ug/L	259126	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

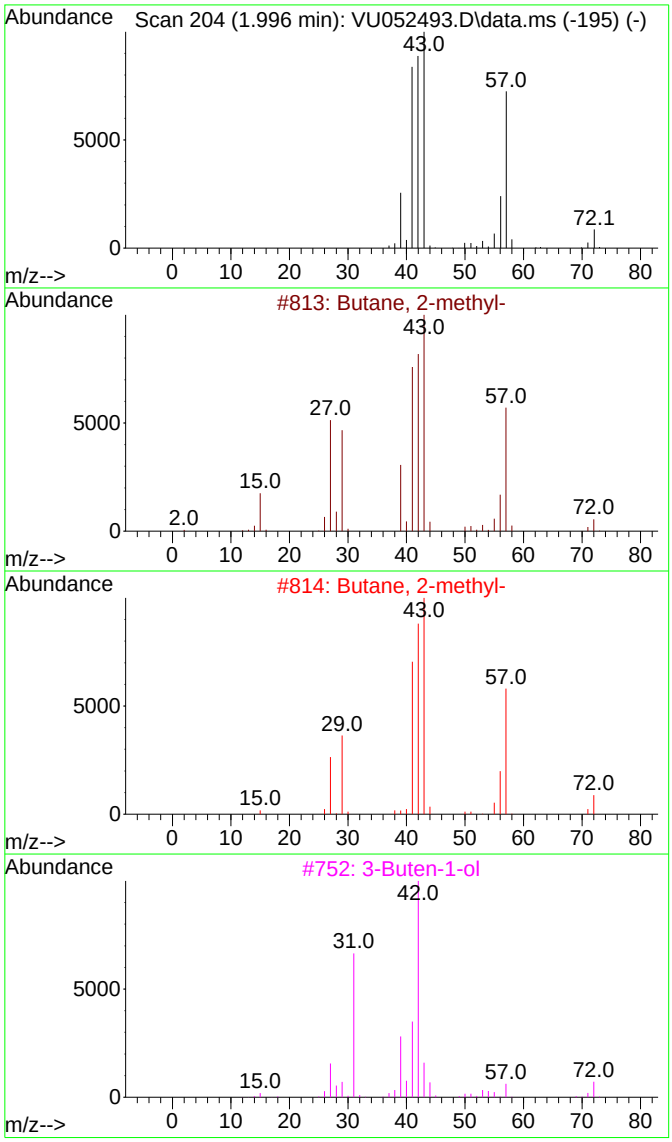
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

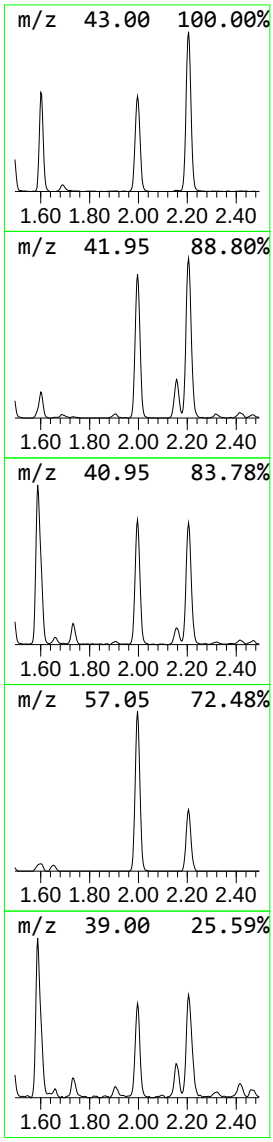
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	2.28 ug/L	223455	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	3-Buten-1-ol	72	C4H8O	000627-27-0	43
4	Pentane	72	C5H12	000109-66-0	39
5	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	14





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Instrument :
MSVOA_U
ClientSampleId :
GBQA5

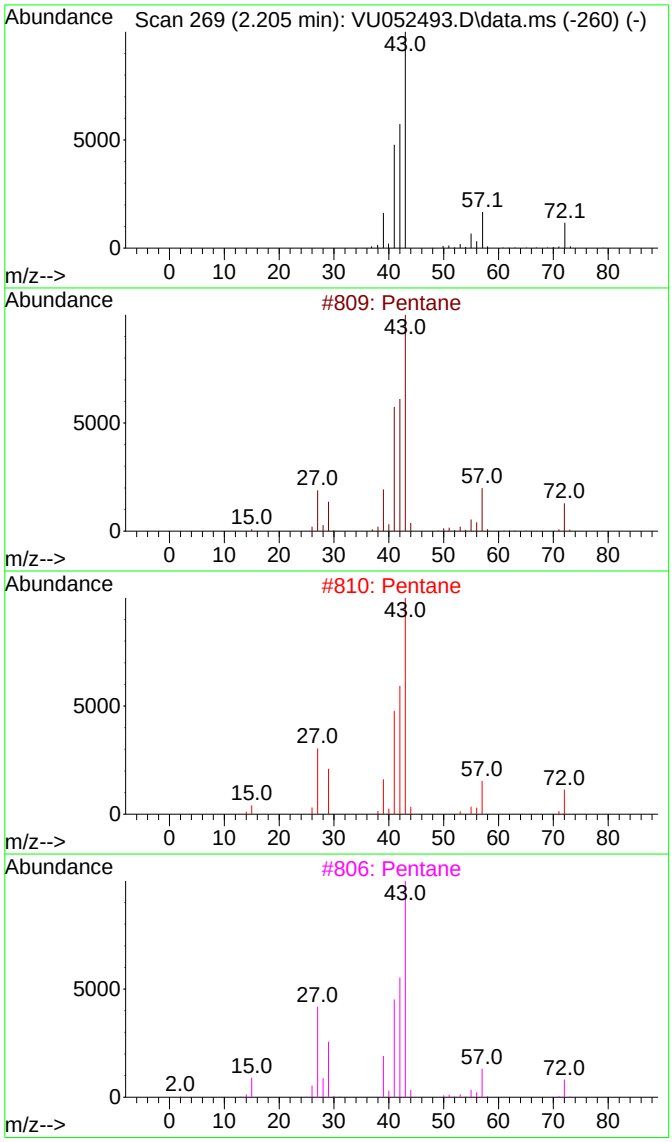
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

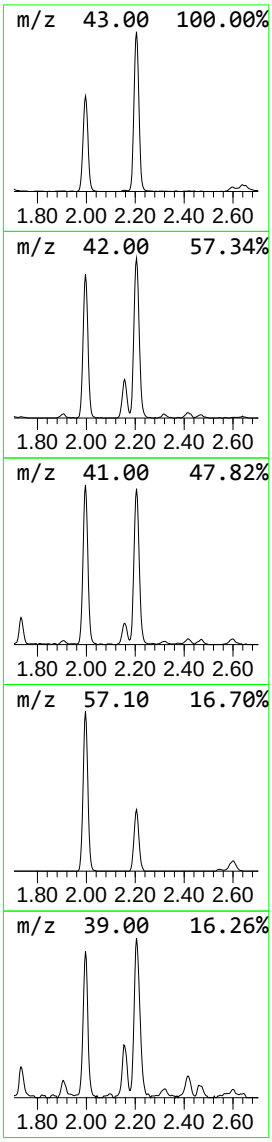
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	2.72 ug/L	266390	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	90
5	Pentane	72	C5H12	000109-66-0	64





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

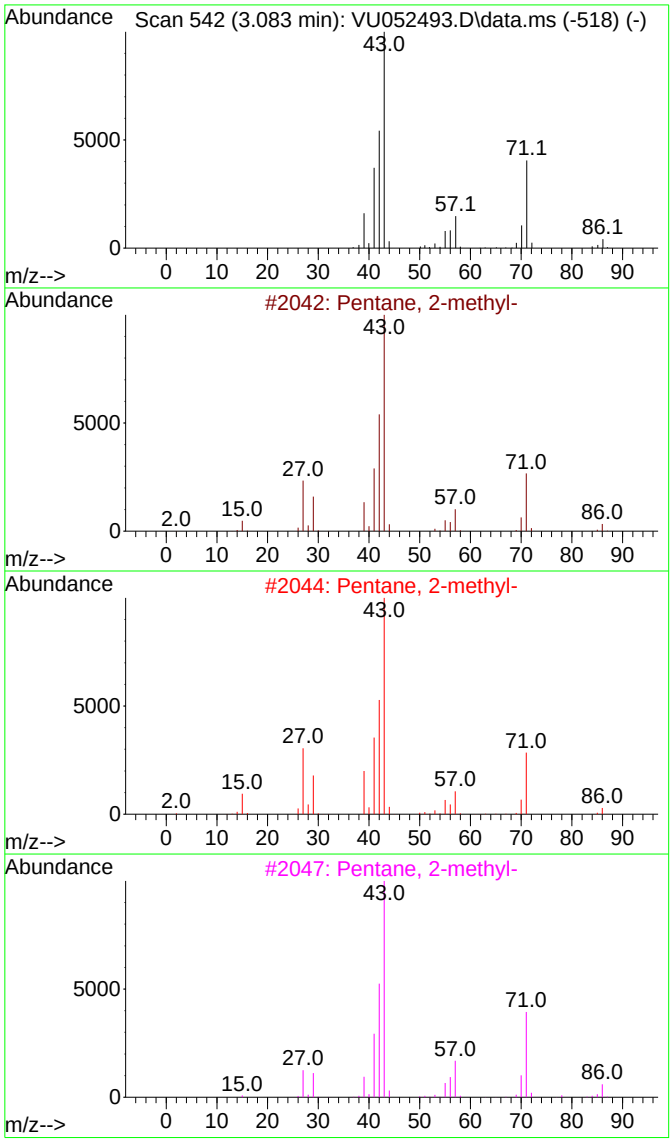
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

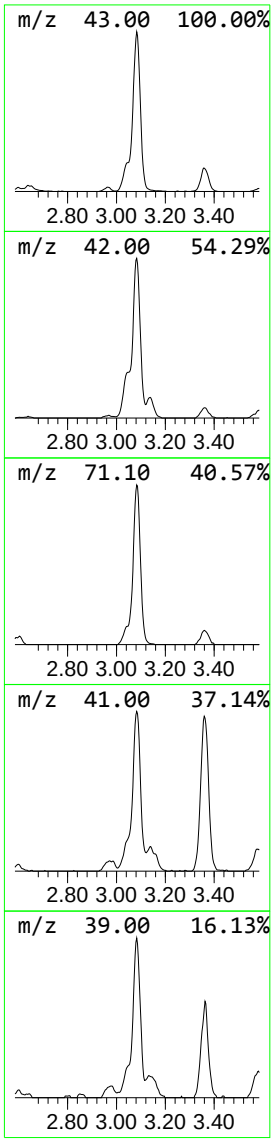
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	4.94 ug/L	483227	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
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Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

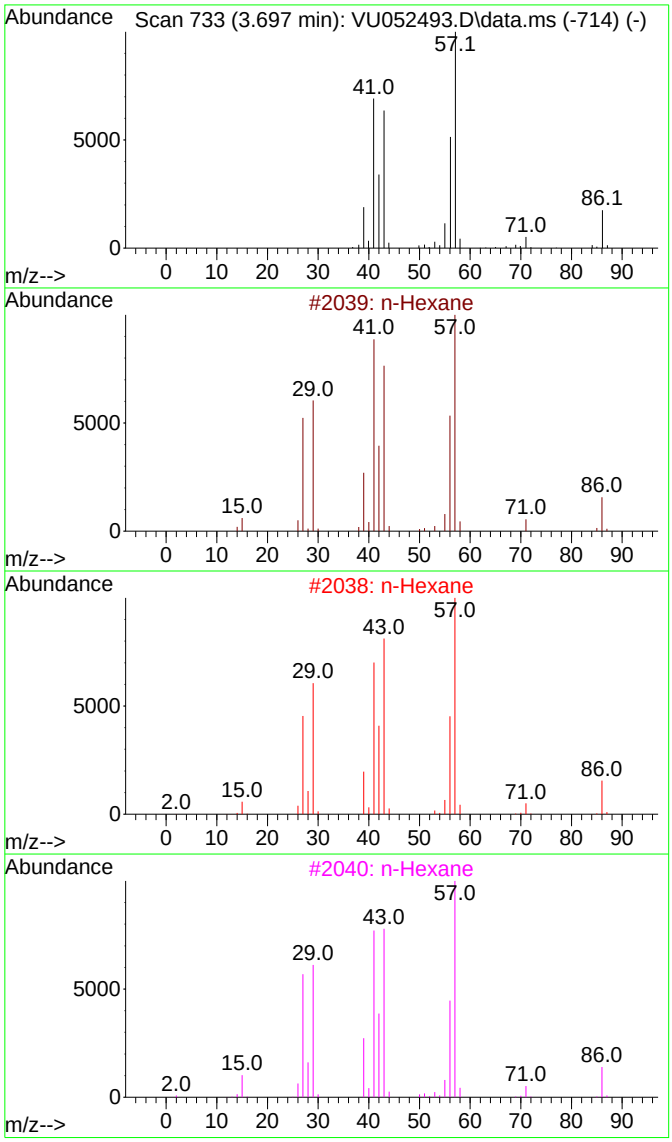
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

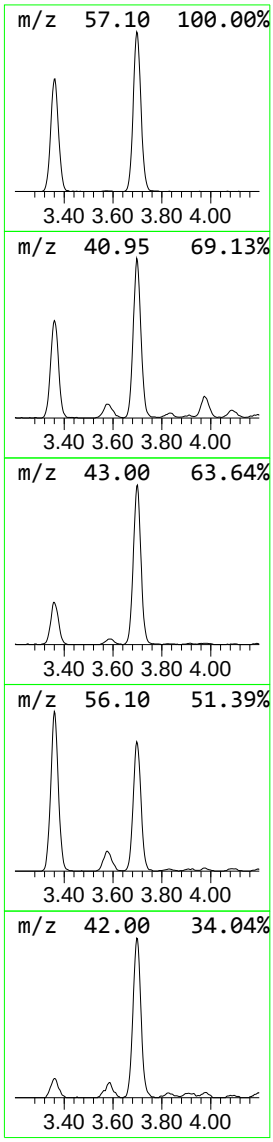
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	5.12 ug/L	501003	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	83
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
5	n-Hexane	86	C6H14	000110-54-3	72





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

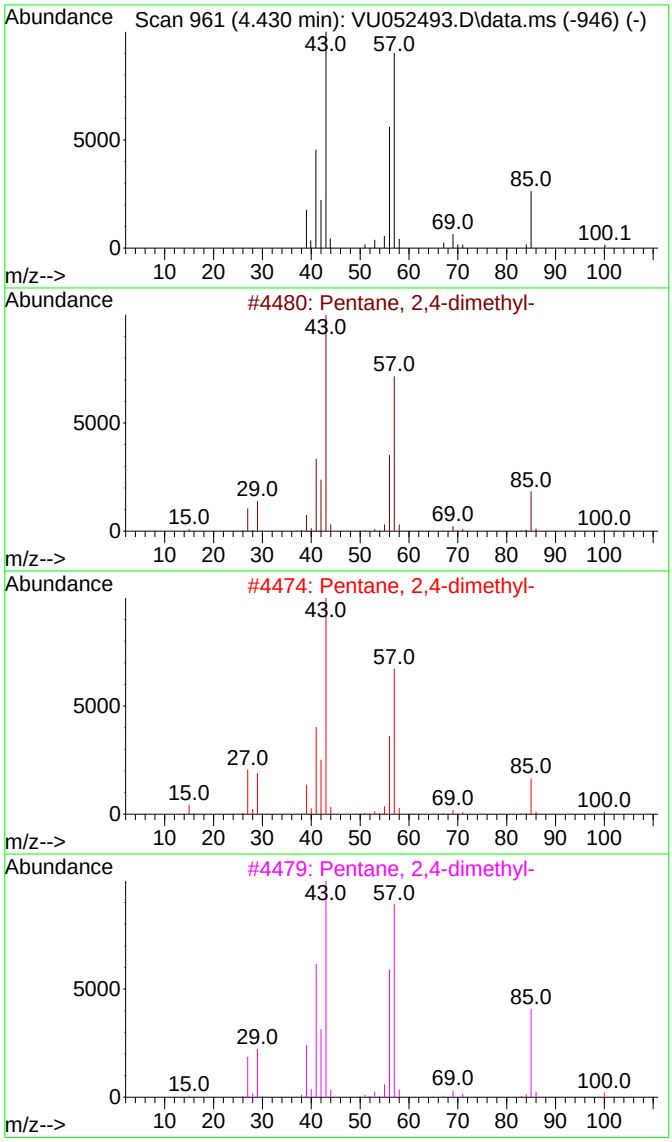
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

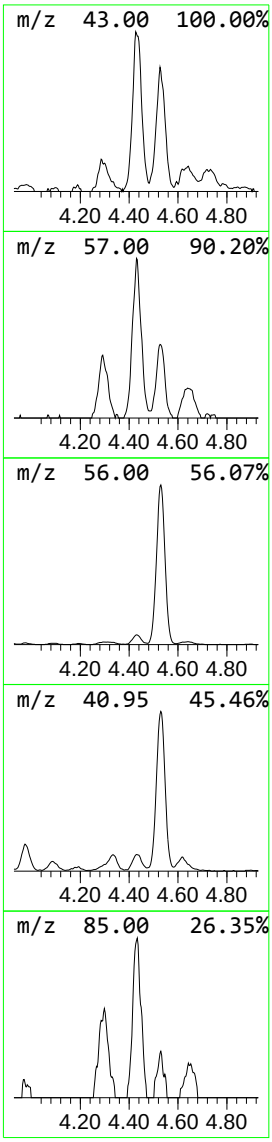
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.430	0.69 ug/L	67137	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

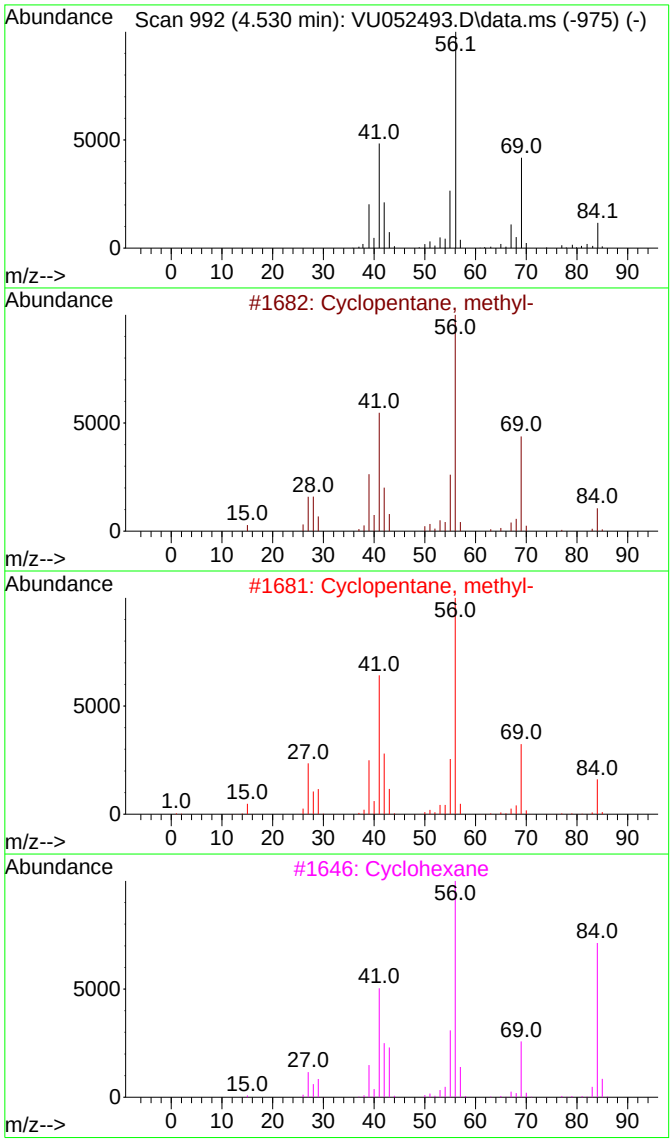
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

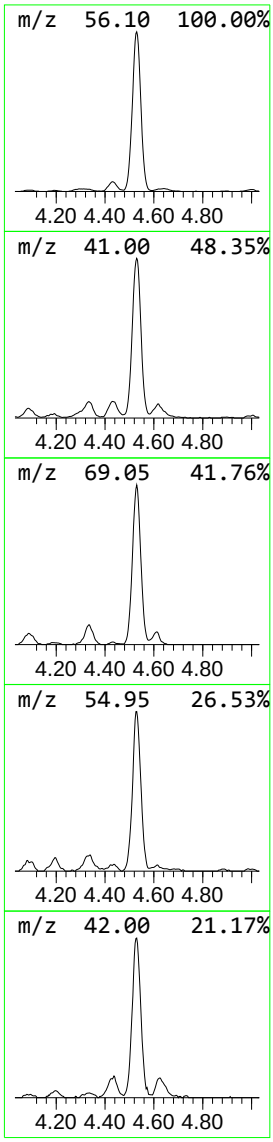
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic4.530 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	5.27 ug/L	515884	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





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Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

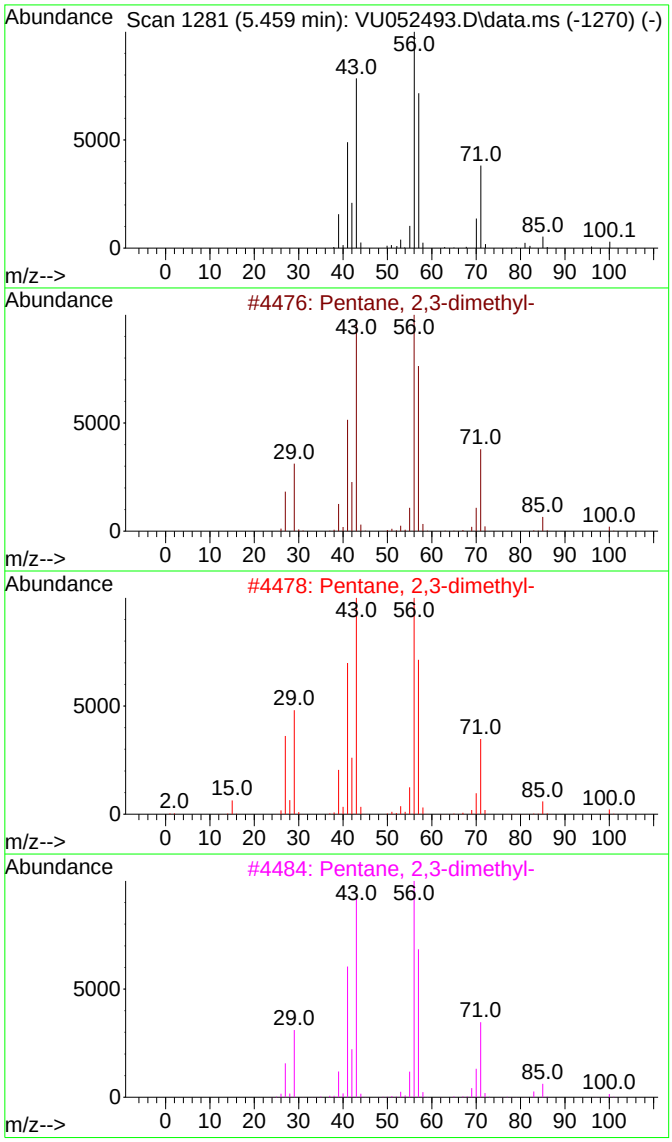
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

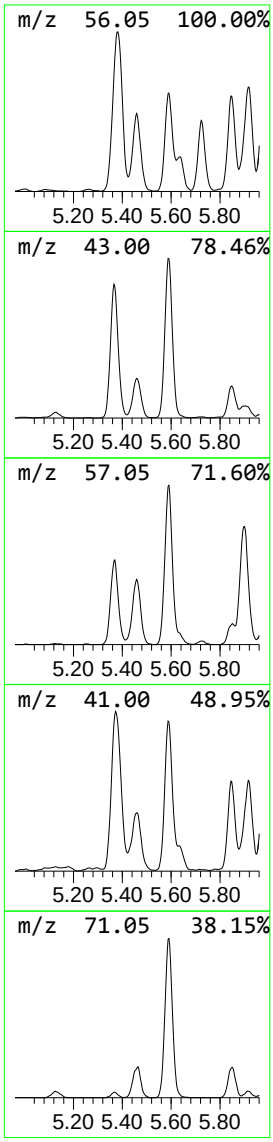
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	3.01 ug/L	294769	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	58
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	46





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

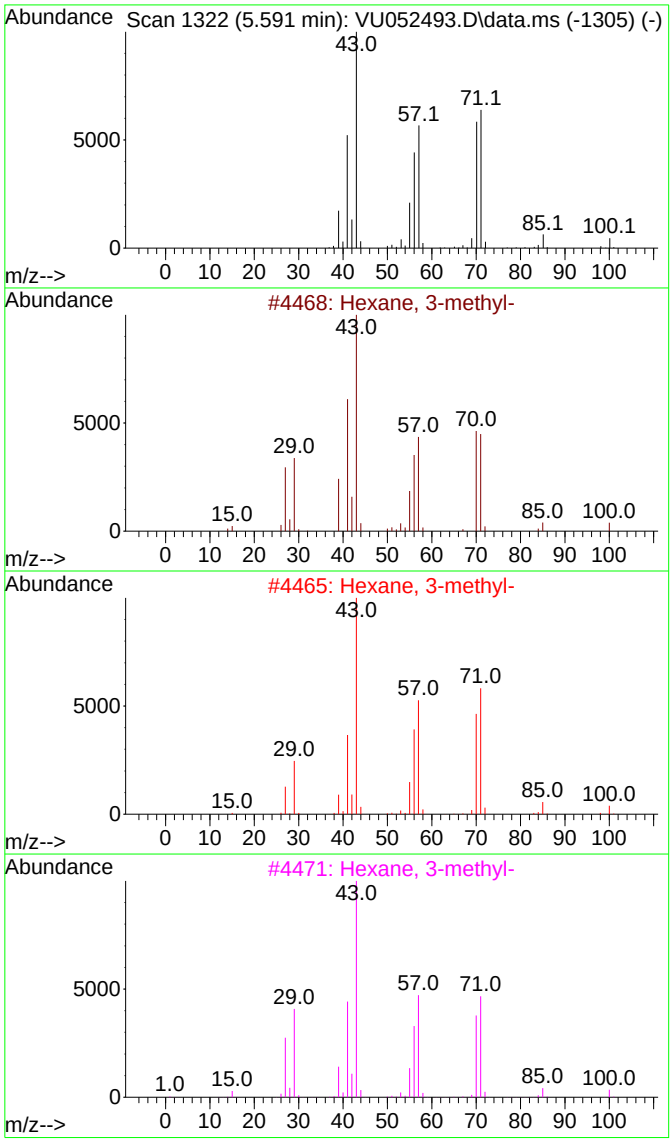
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

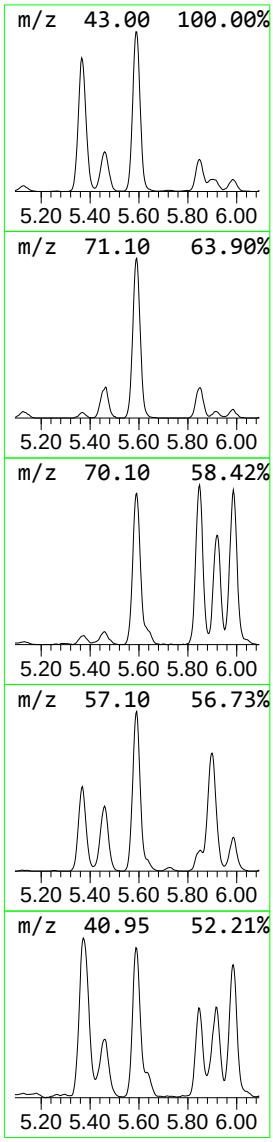
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	7.94 ug/L	777357	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

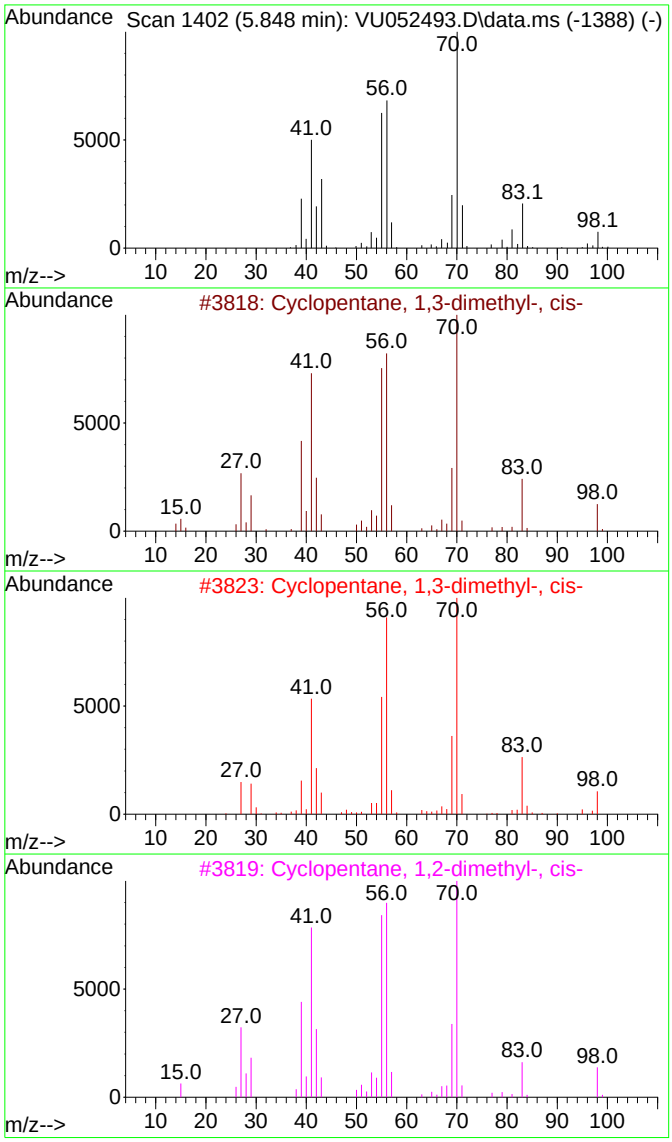
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

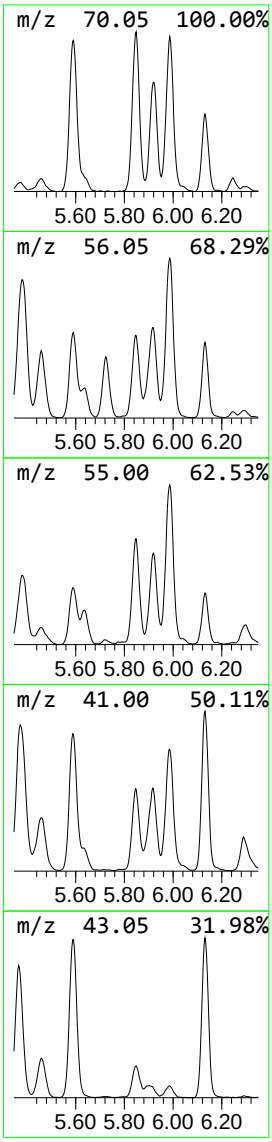
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic5.848 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	4.68 ug/L	458345	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	58





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

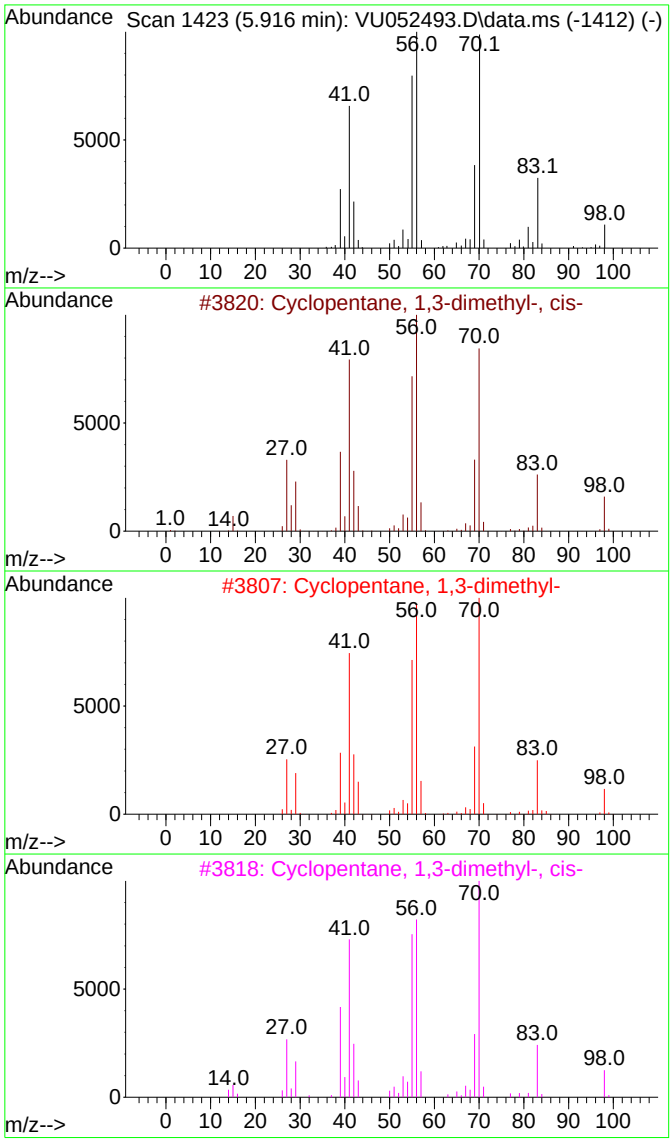
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

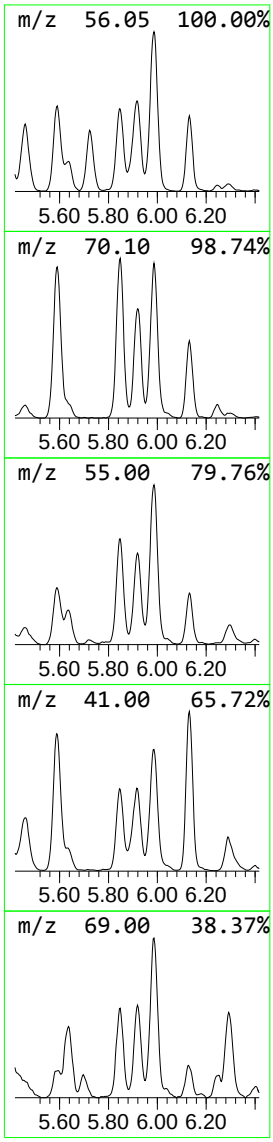
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.916 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	4.20 ug/L	411489	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

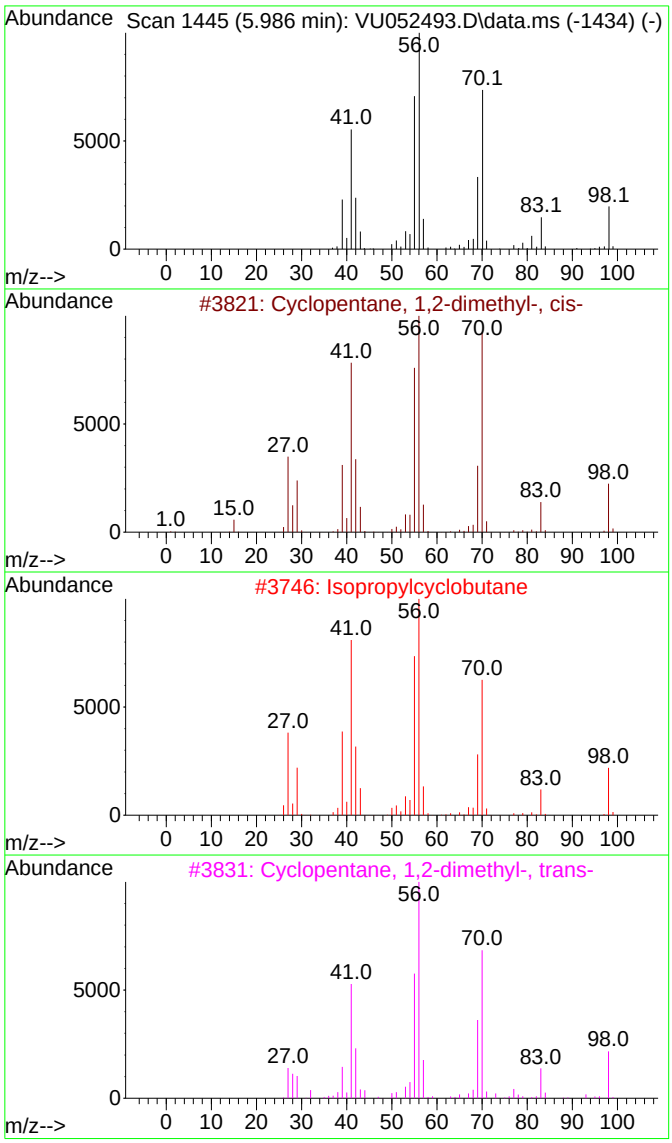
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

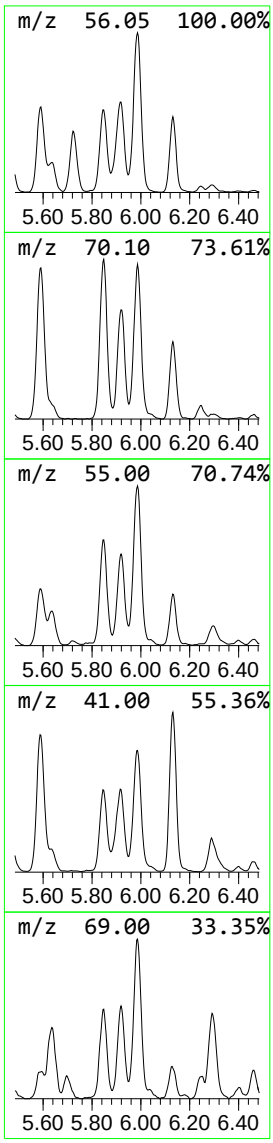
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic5.986 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.986	7.13 ug/L	697727	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

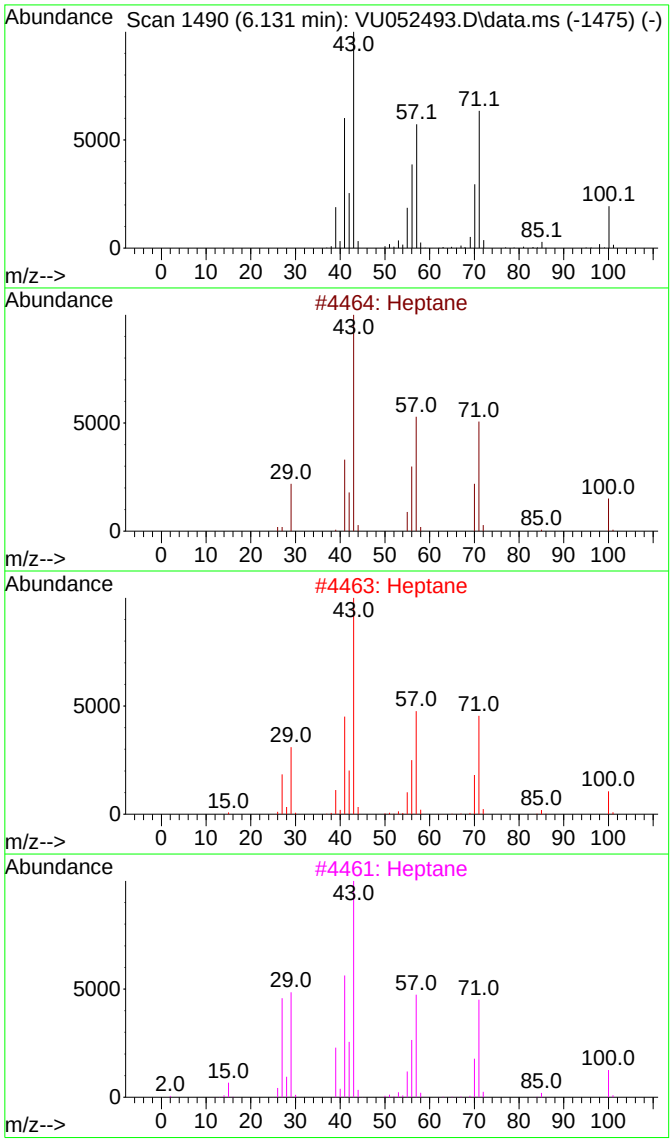
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

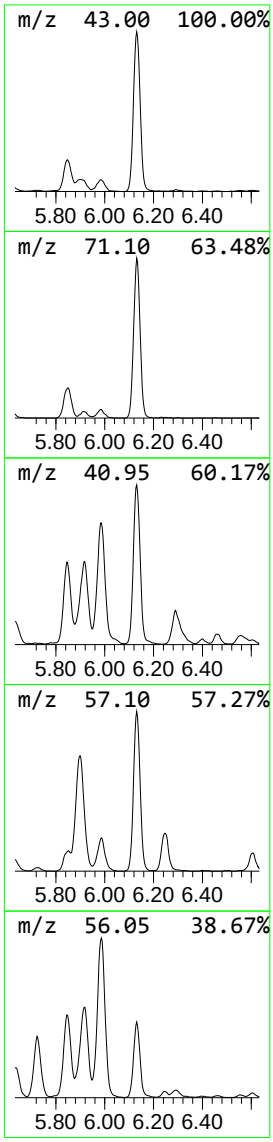
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	6.74 ug/L	660256	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	68
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

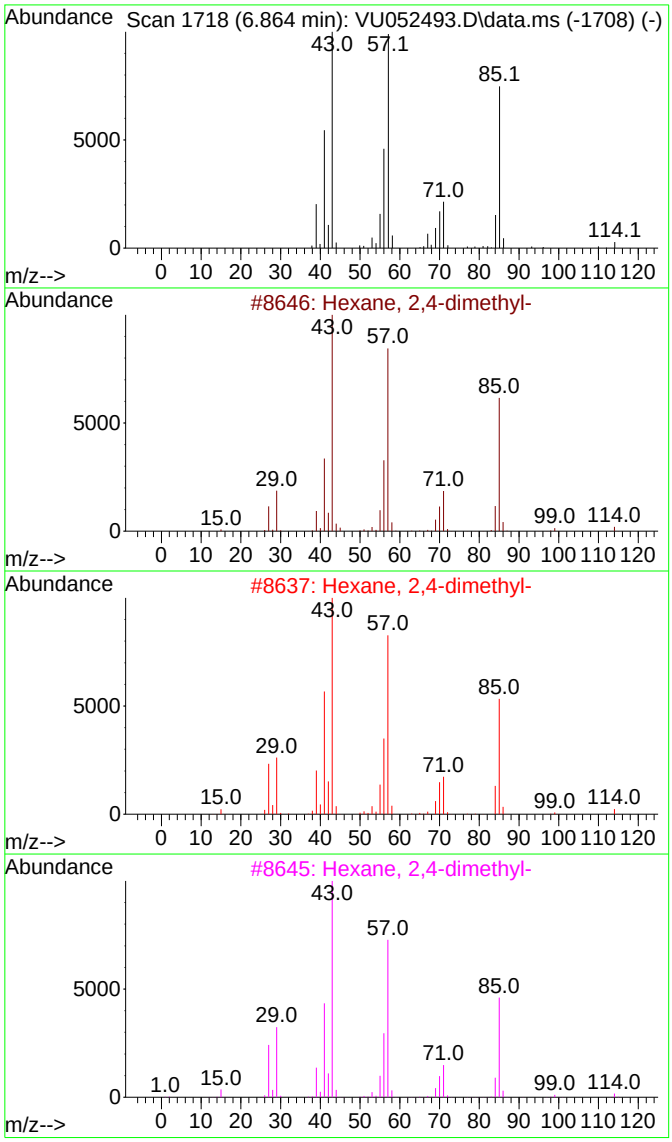
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

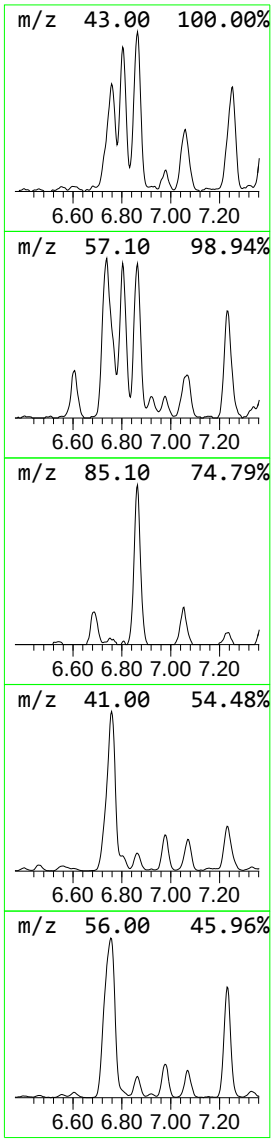
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	1.61 ug/L	157681	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	80





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

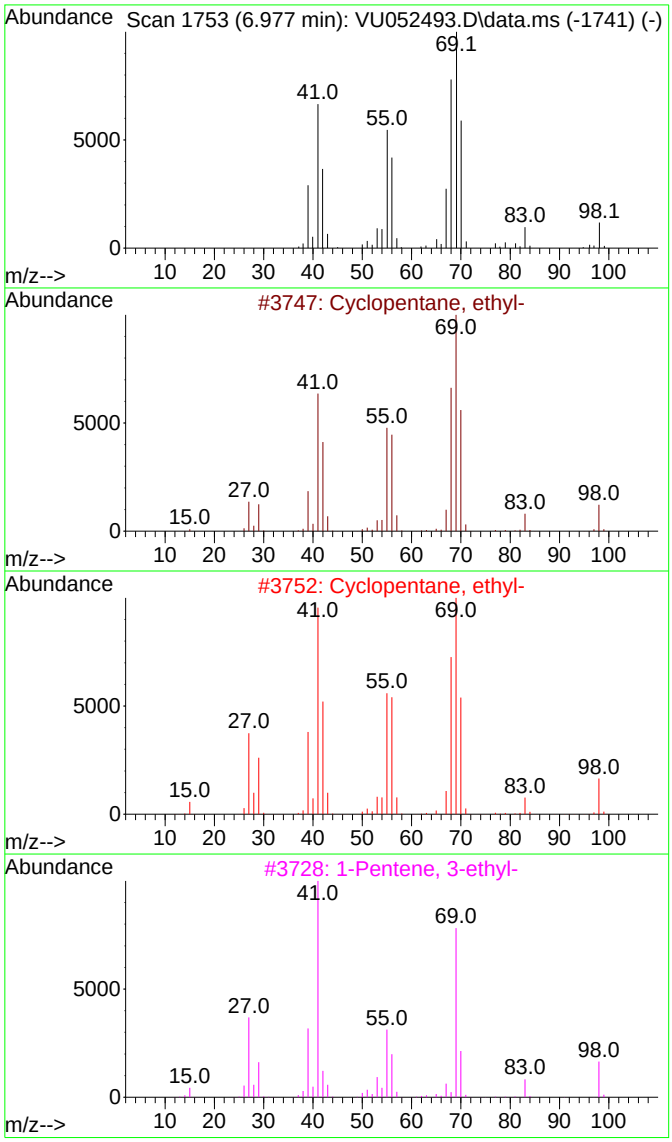
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

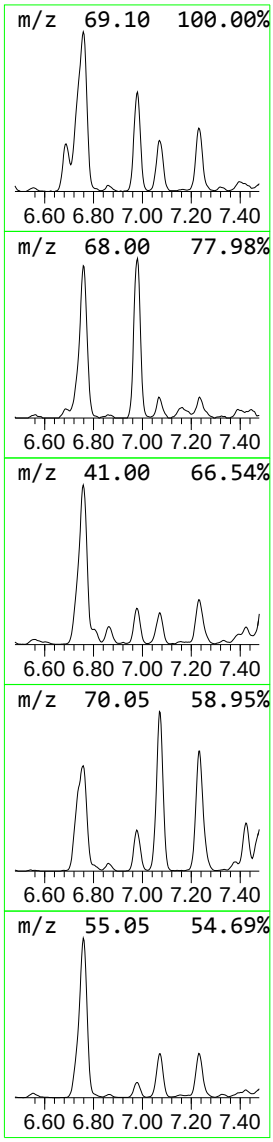
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic6.977 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.977	2.78 ug/L	271990	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	83
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	74
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
4	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	38
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

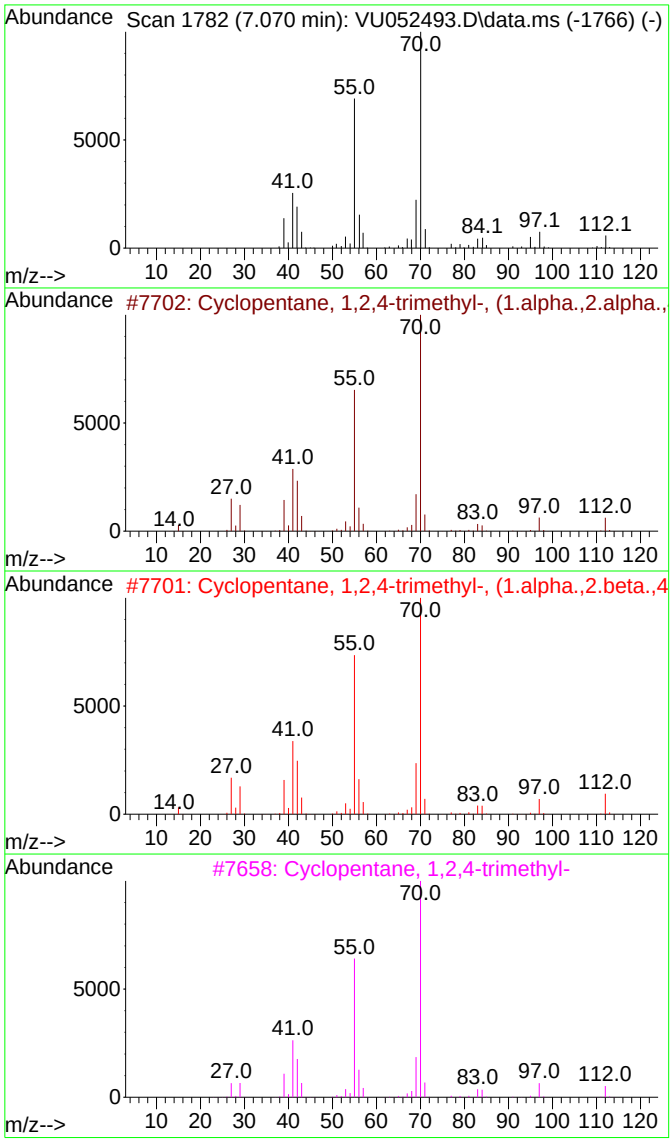
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

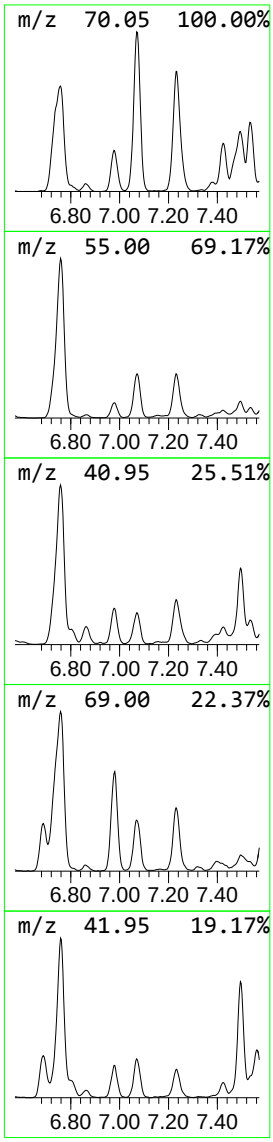
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic7.070 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	4.23 ug/L	413715	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

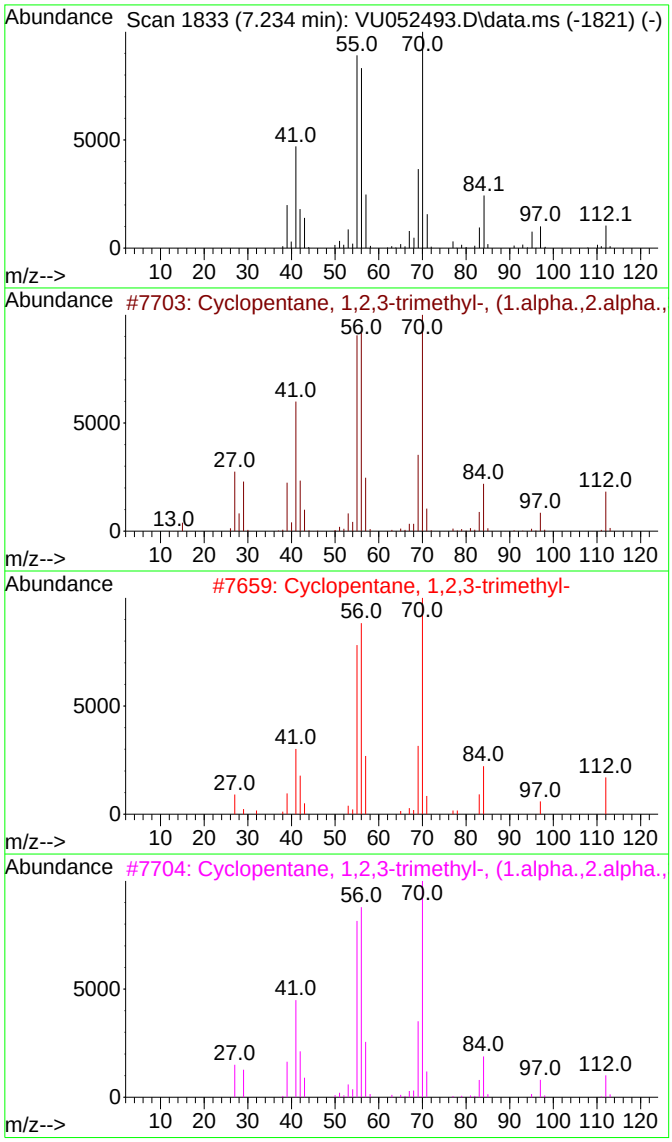
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

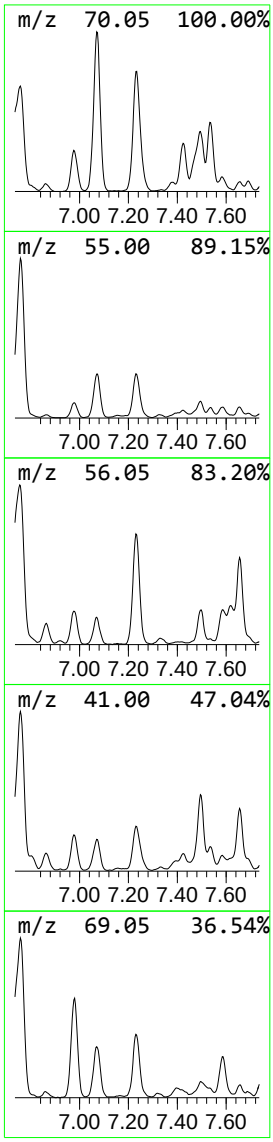
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic7.234 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	5.83 ug/L	571133	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	74
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	72





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

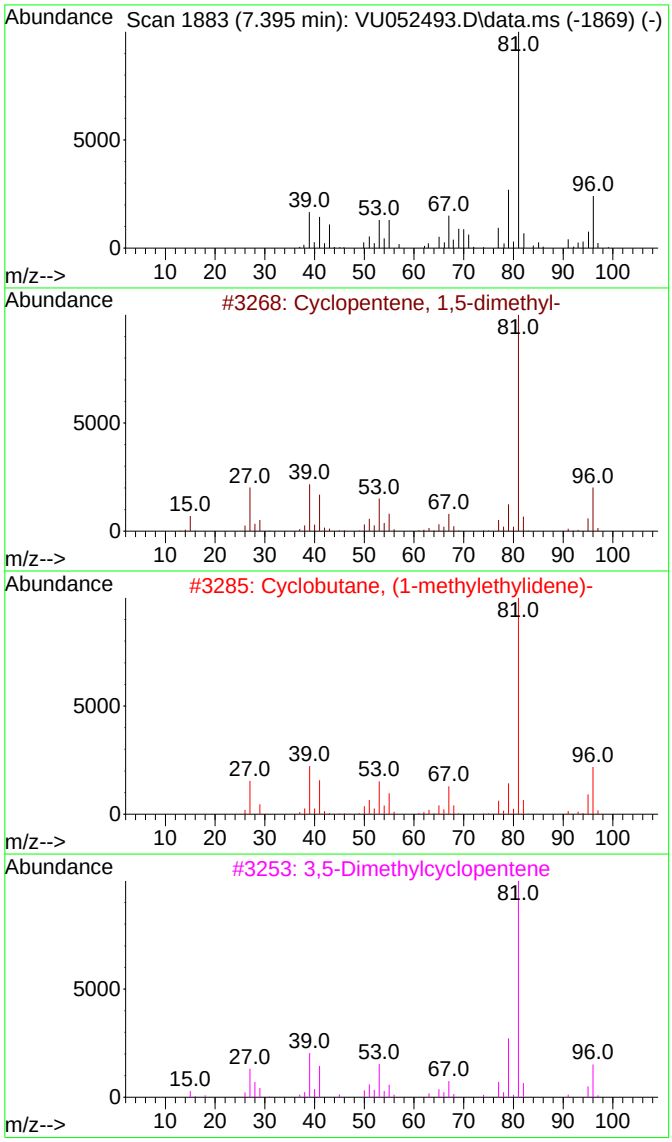
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

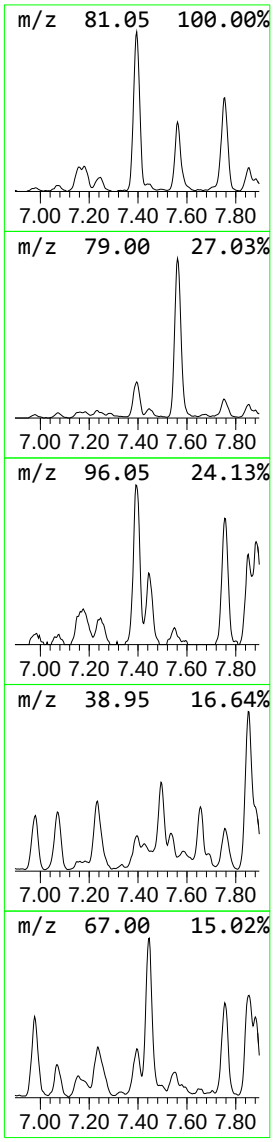
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopentene, 1,5-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.395	1.98 ug/L	193812	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	86
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	80
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

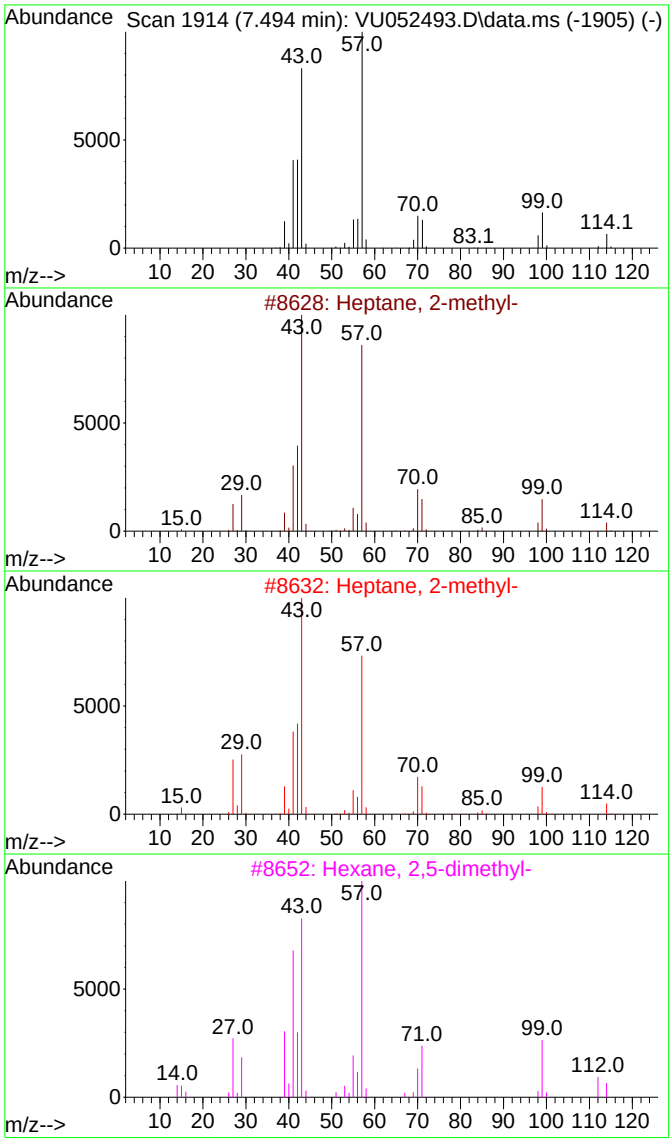
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

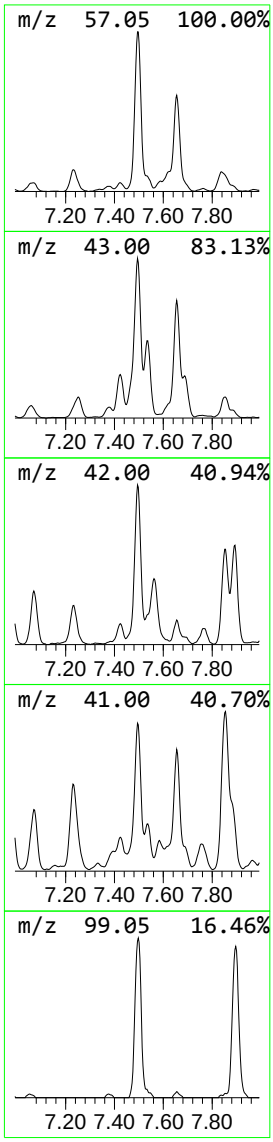
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	4.65 ug/L	455131	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	50
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

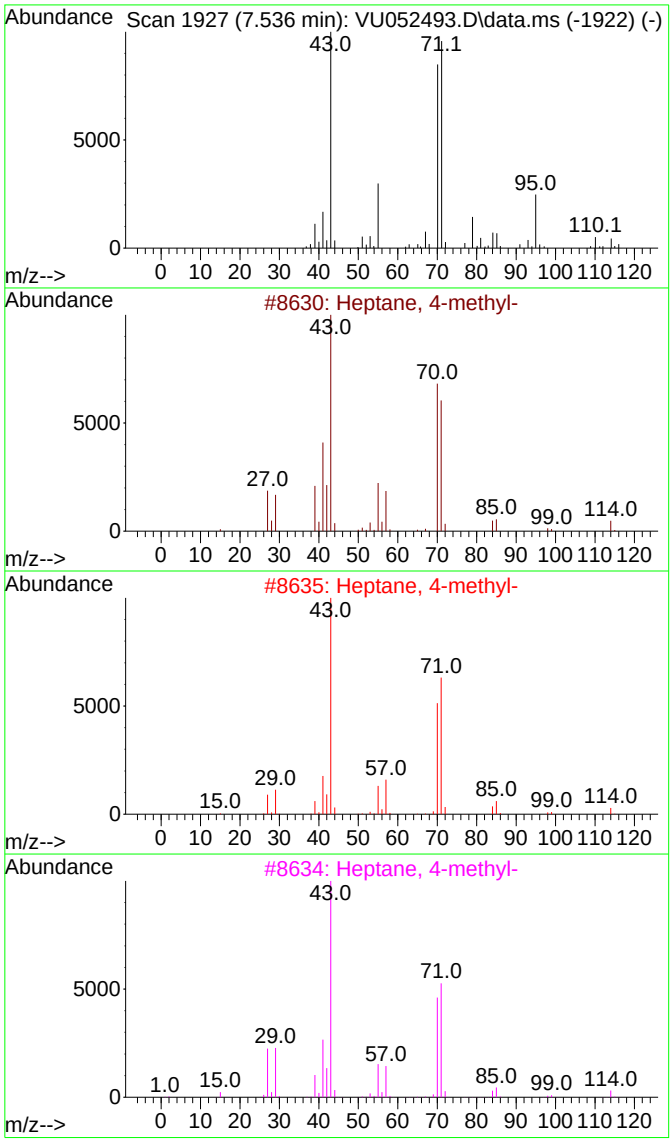
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

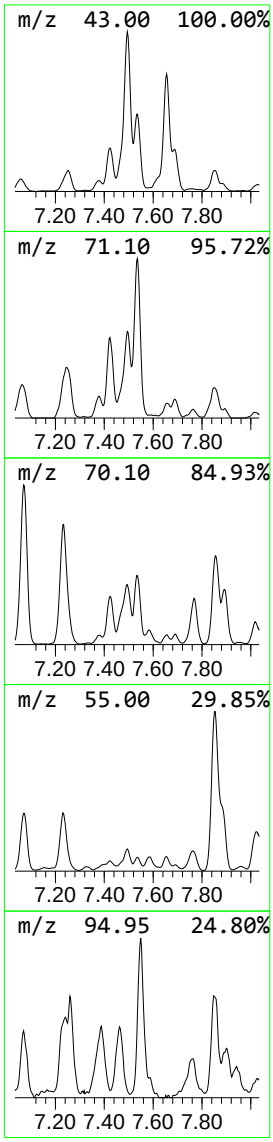
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.536	3.43 ug/L	335458	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

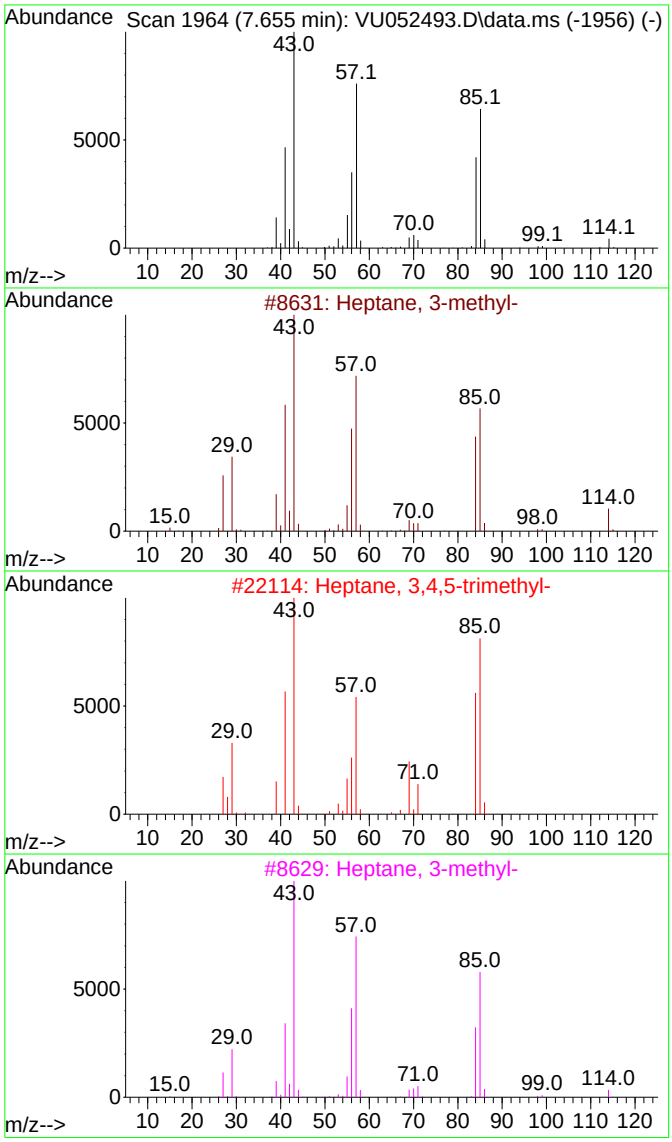
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

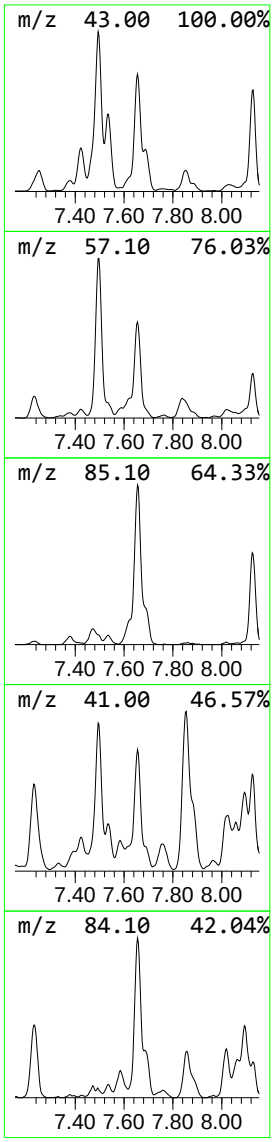
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.655	3.50 ug/L	342473	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	90
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	86
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

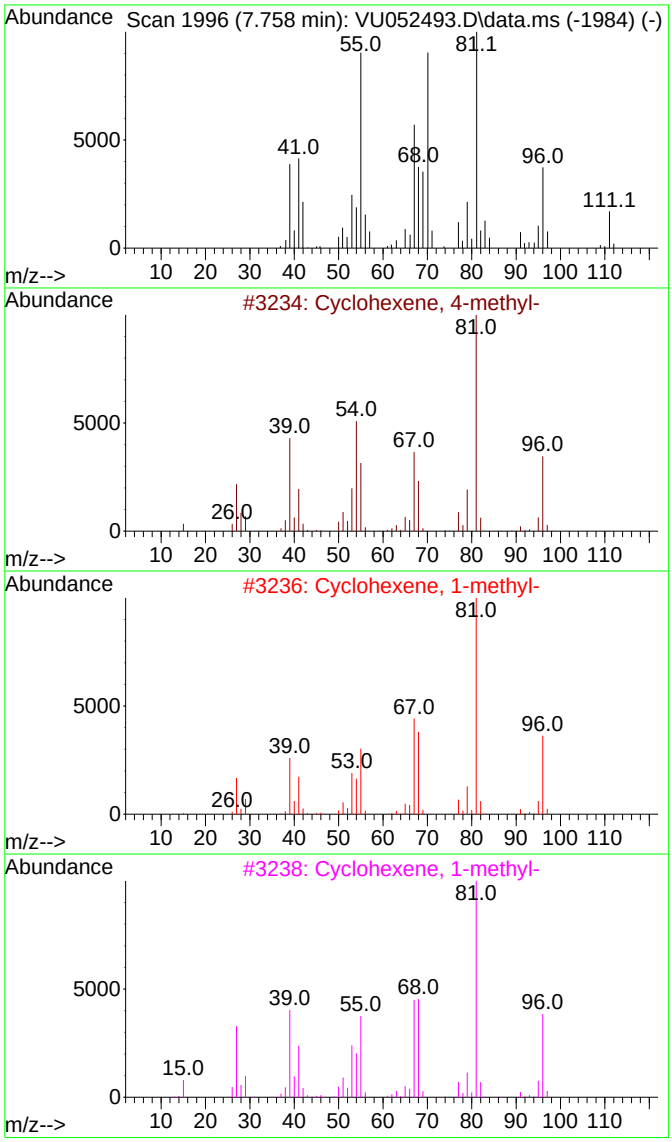
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

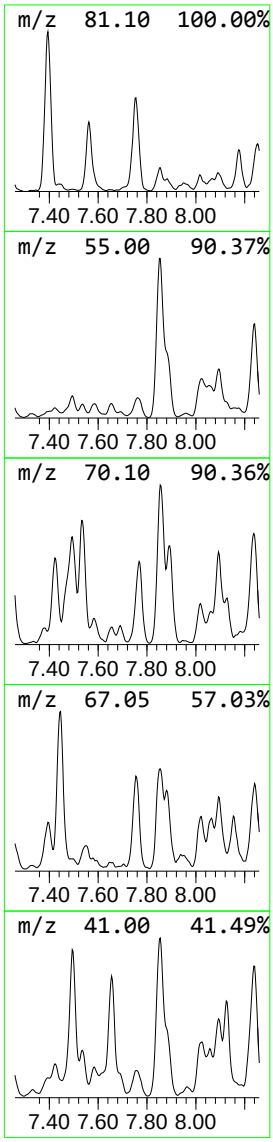
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexene, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.758	2.73 ug/L	267305	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	60
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	60
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	55
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	55
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	53





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

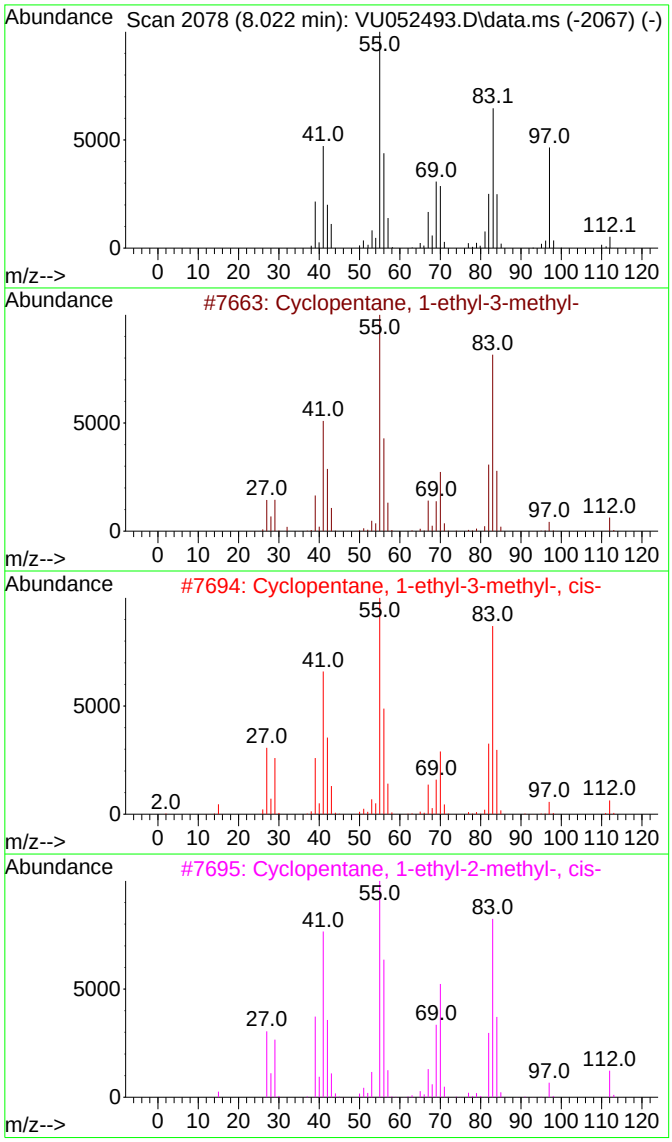
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

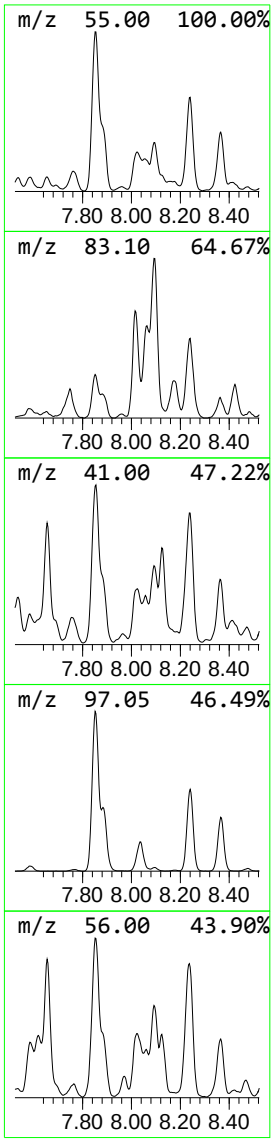
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.022 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	2.94 ug/L	327102	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	81
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	58
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53
4	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	52
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	52





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

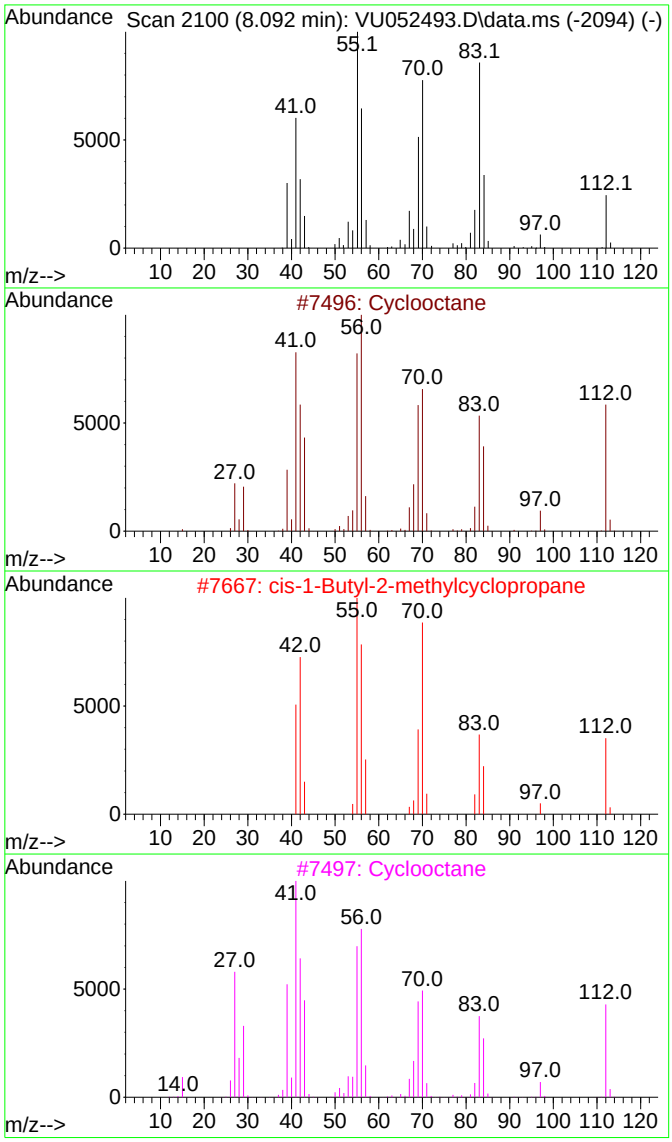
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

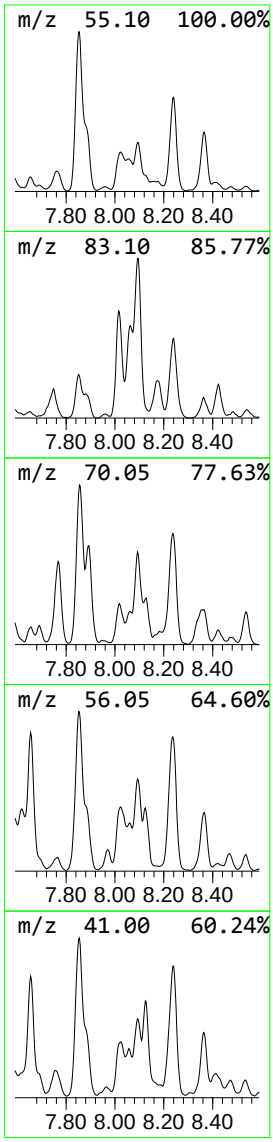
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic8.092 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	1.56 ug/L	174272	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	64
2	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	52
3	Cyclooctane	112	C8H16	000292-64-8	49
4	Cyclooctane	112	C8H16	000292-64-8	46
5	2-Octene, (Z)-	112	C8H16	007642-04-8	43





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

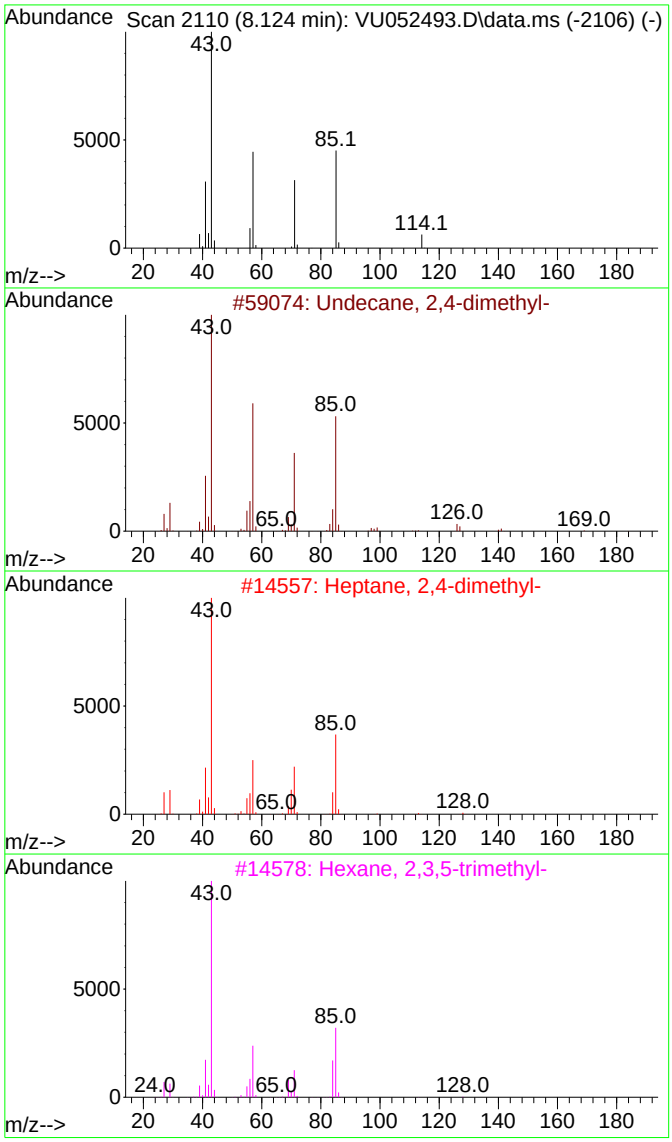
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

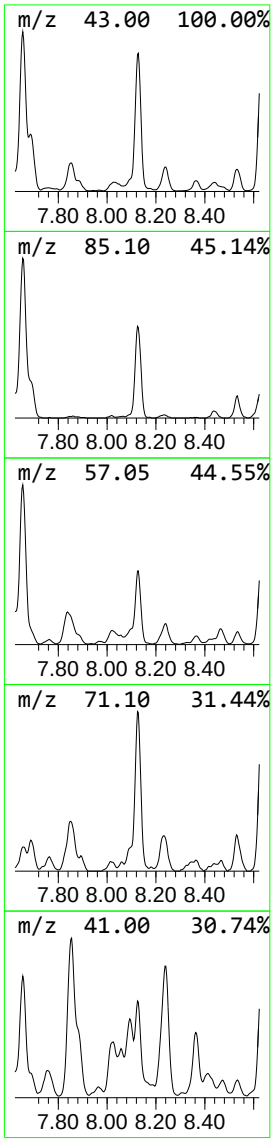
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.124	1.75 ug/L	194905	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	78
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	72
4	Octane	114	C8H18	000111-65-9	72
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

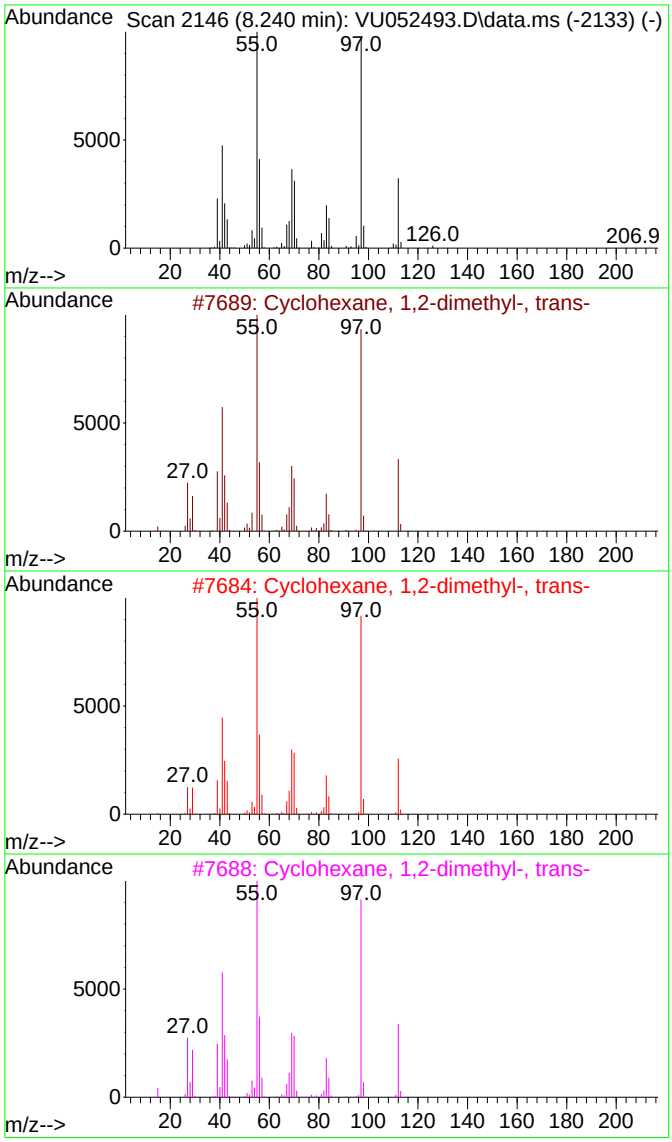
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

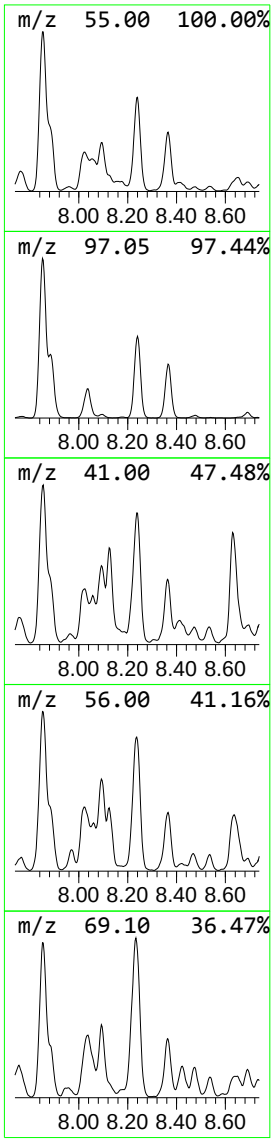
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic8.240 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	7.30 ug/L	813105	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

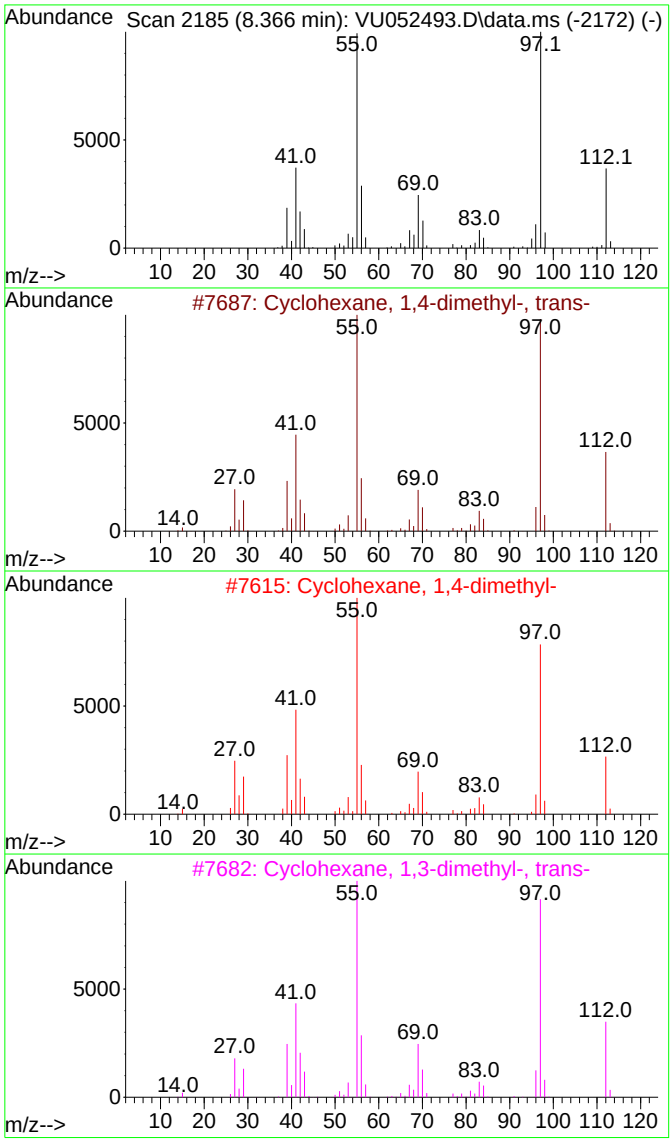
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

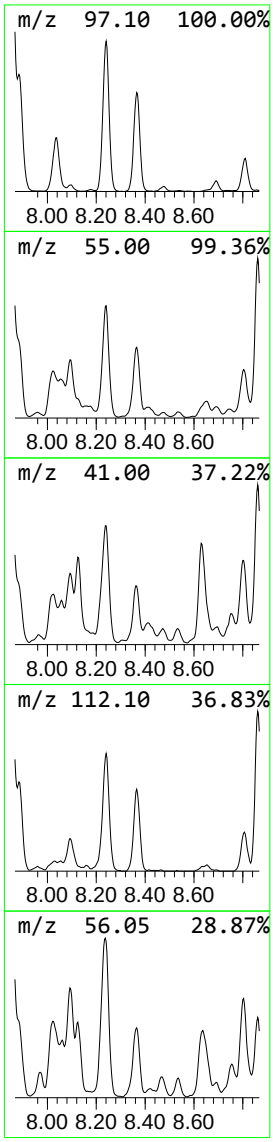
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic8.366 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.366	3.23 ug/L	359930	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	97
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	97
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	93
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

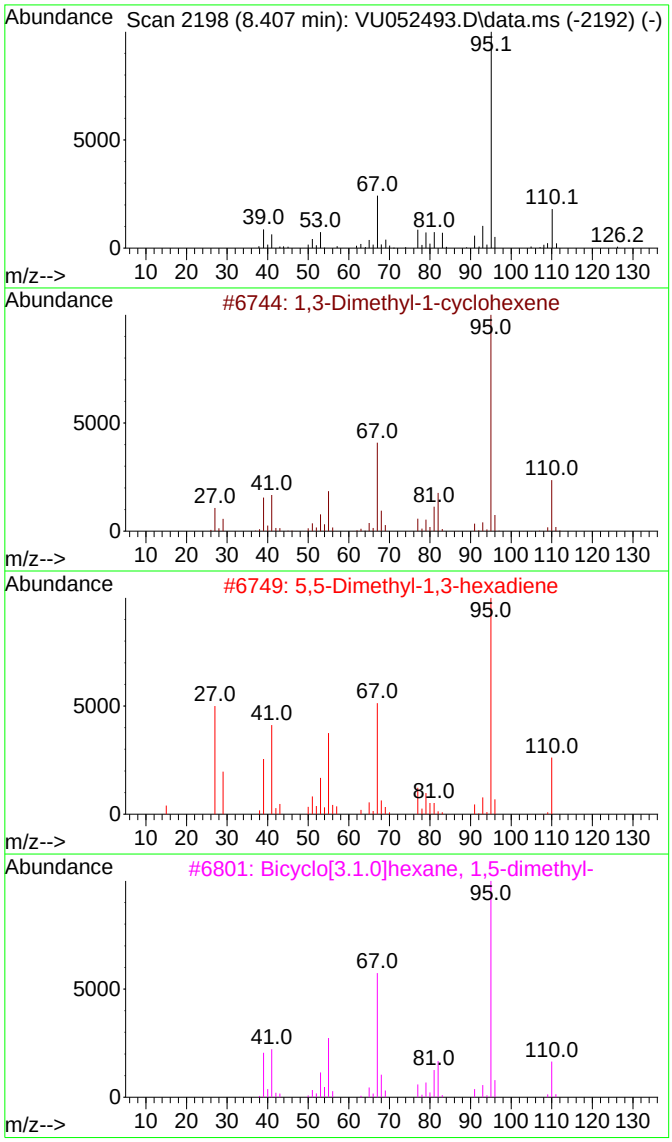
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

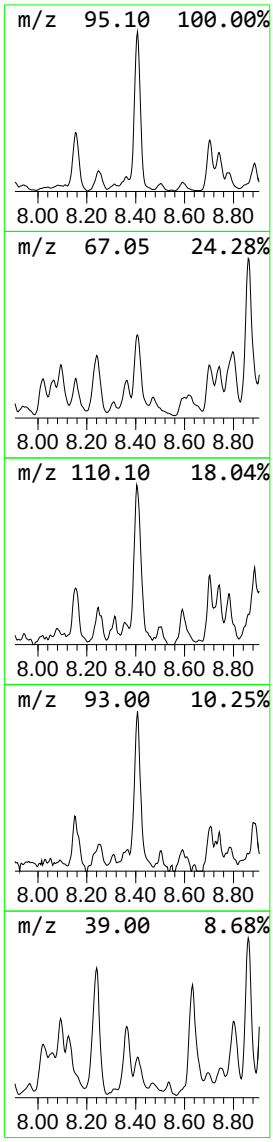
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,3-Dimethyl-1-cyclohexene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.407	1.67 ug/L	186282	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	78
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	68
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	59
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	59
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

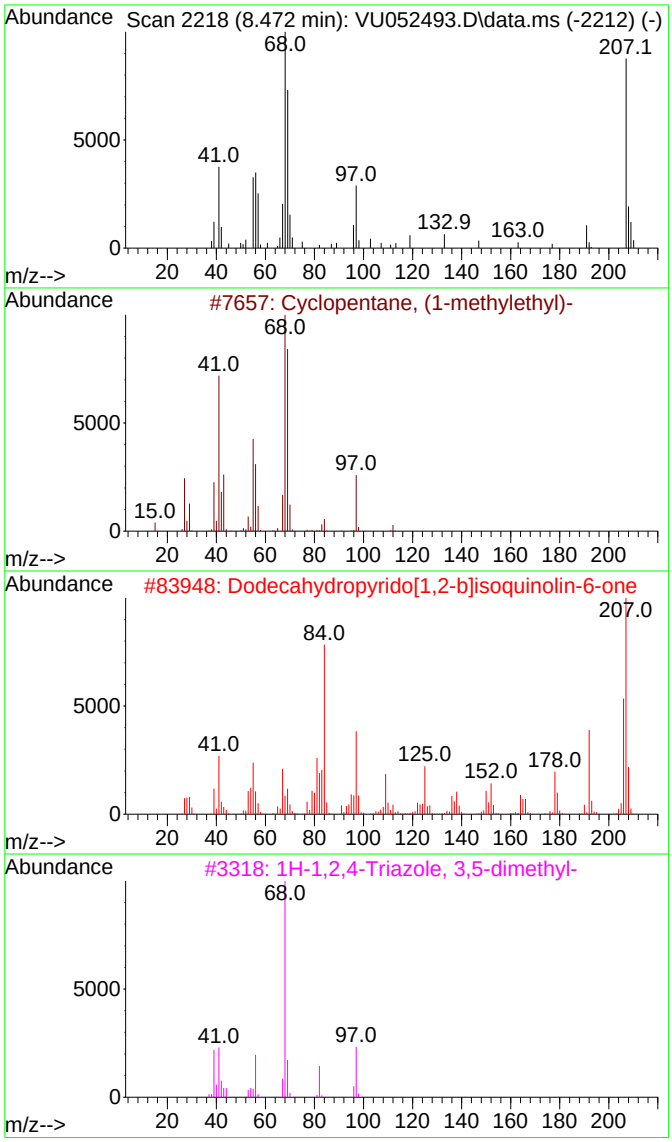
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

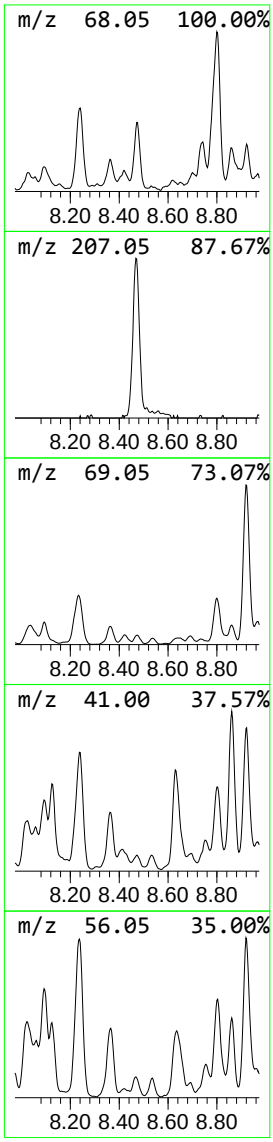
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic8.472 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.472	0.60 ug/L	66386	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (1-methylethyl)-	112	C8H16	003875-51-2	38
2	Dodecahydropyrido[1,2-b]isoquino...	207	C13H21NO	108873-36-5	38
3	1H-1,2,4-Triazole, 3,5-dimethyl-	97	C4H7N3	007343-34-2	32
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	25
5	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

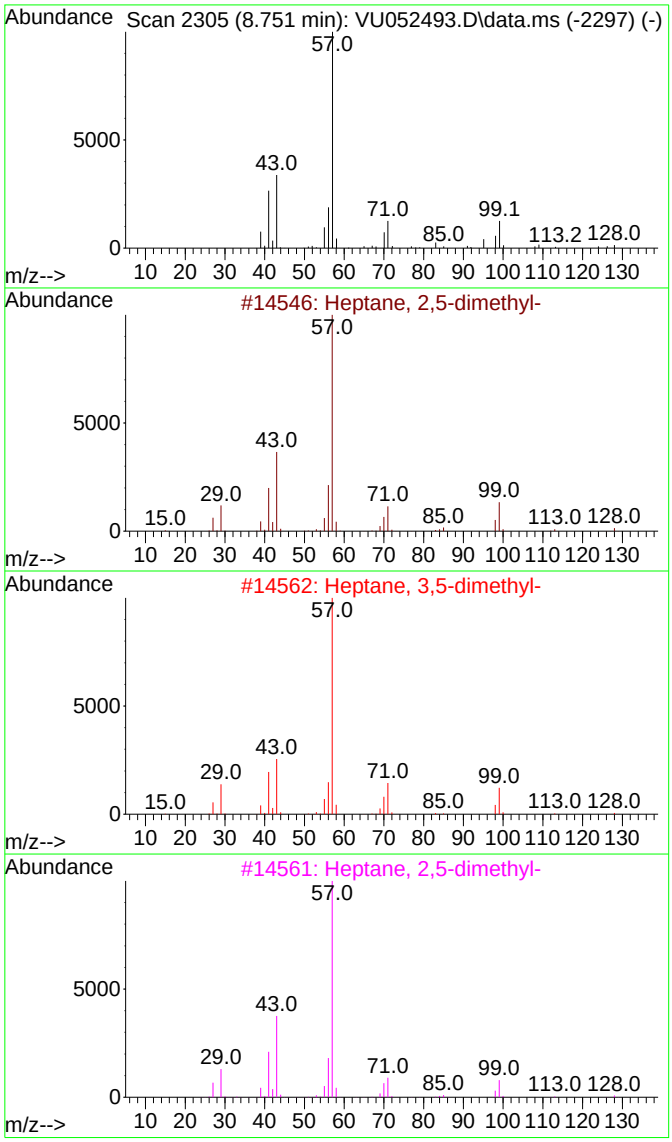
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

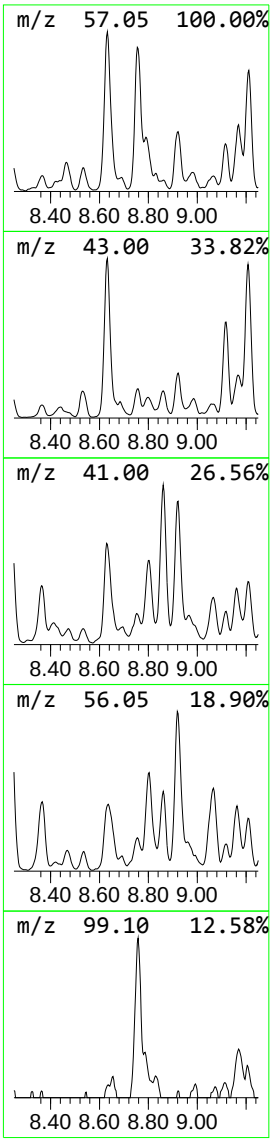
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	0.87 ug/L	96816	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

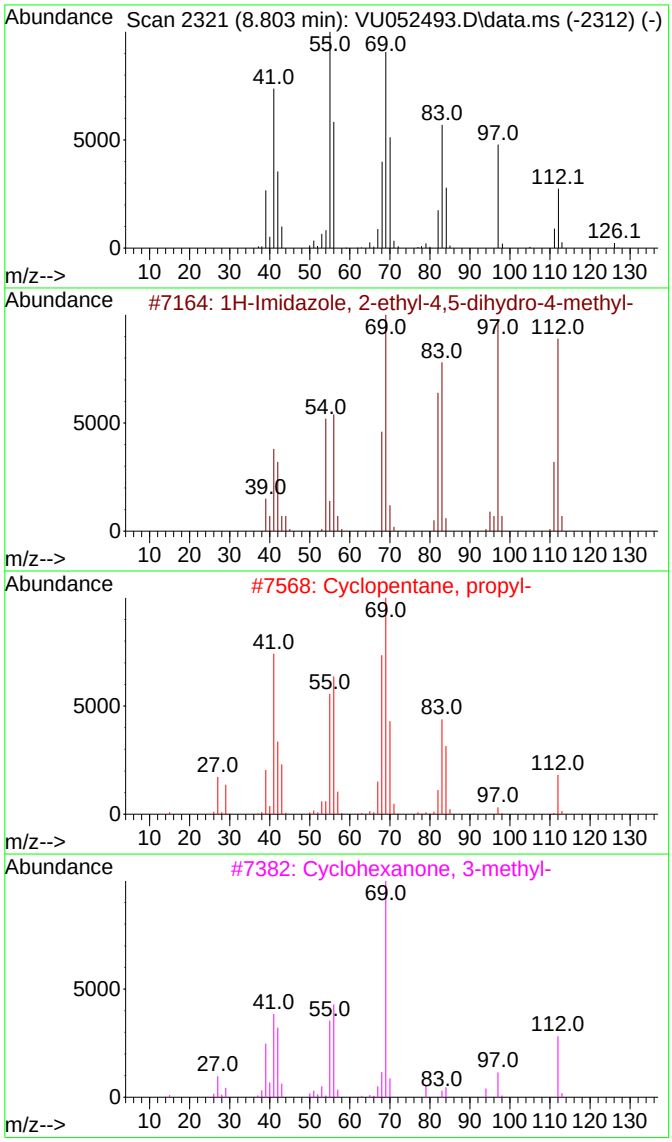
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

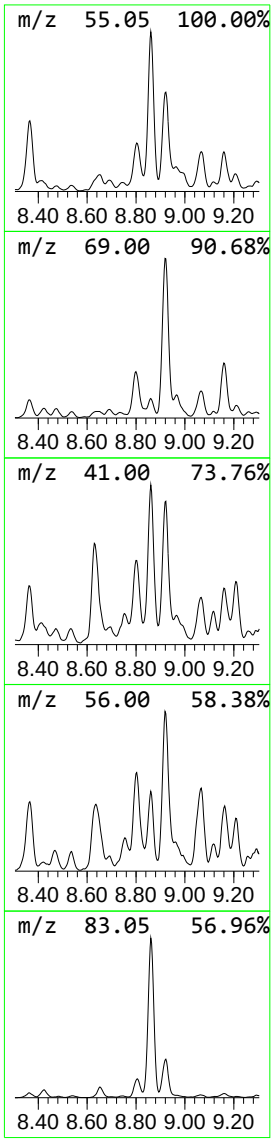
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1H-Imidazole, 2-ethyl-4,5-d... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	2.72 ug/L	302972	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	68
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	43
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	43
5	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

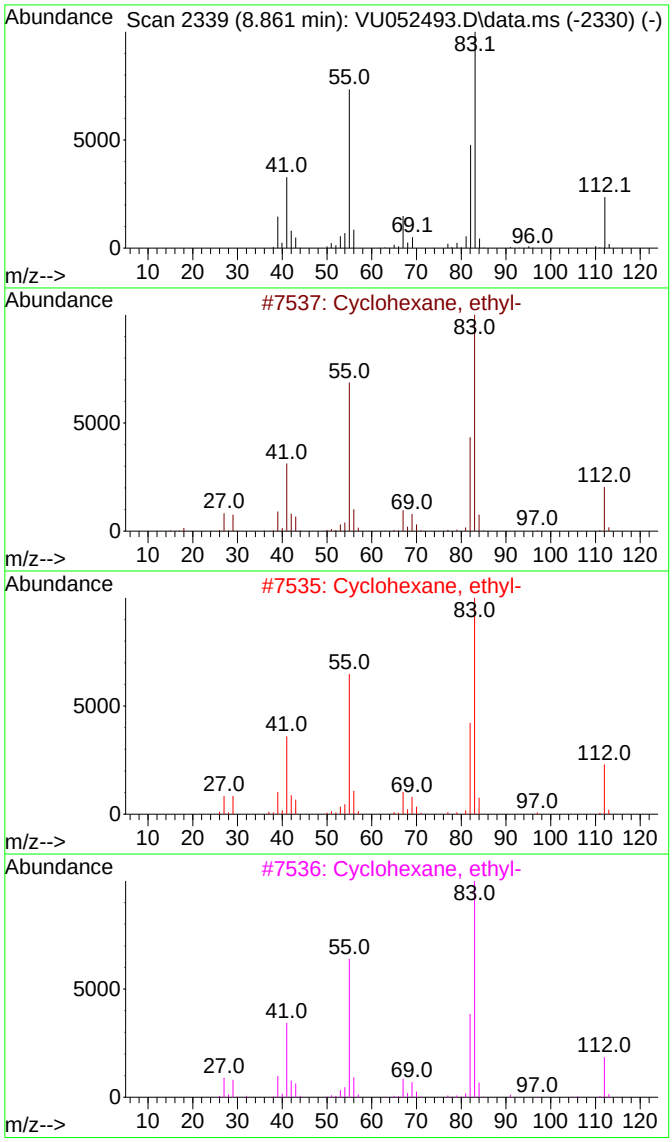
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

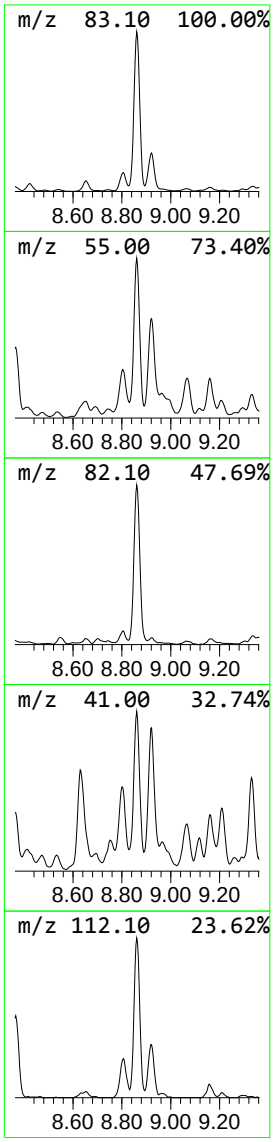
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic8.861 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.861	6.08 ug/L	677426	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

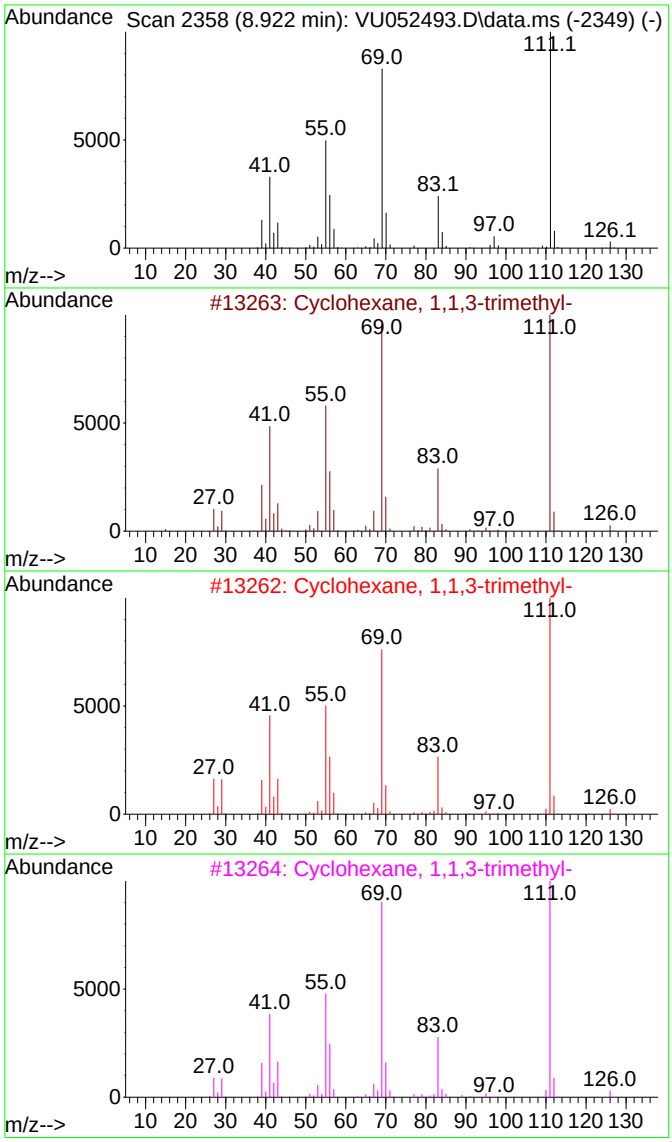
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

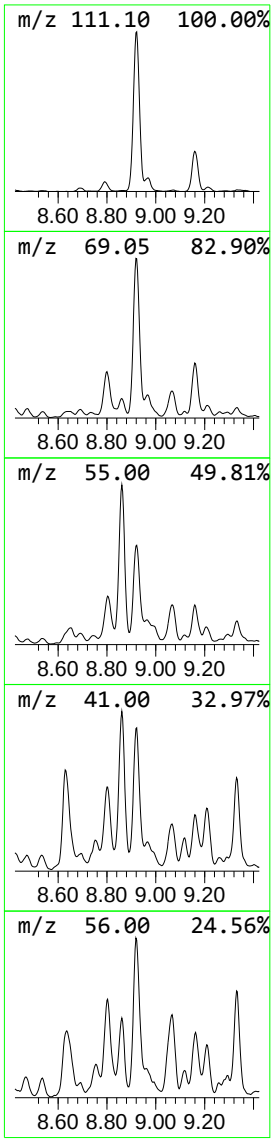
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic8.922 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	6.32 ug/L	703513	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

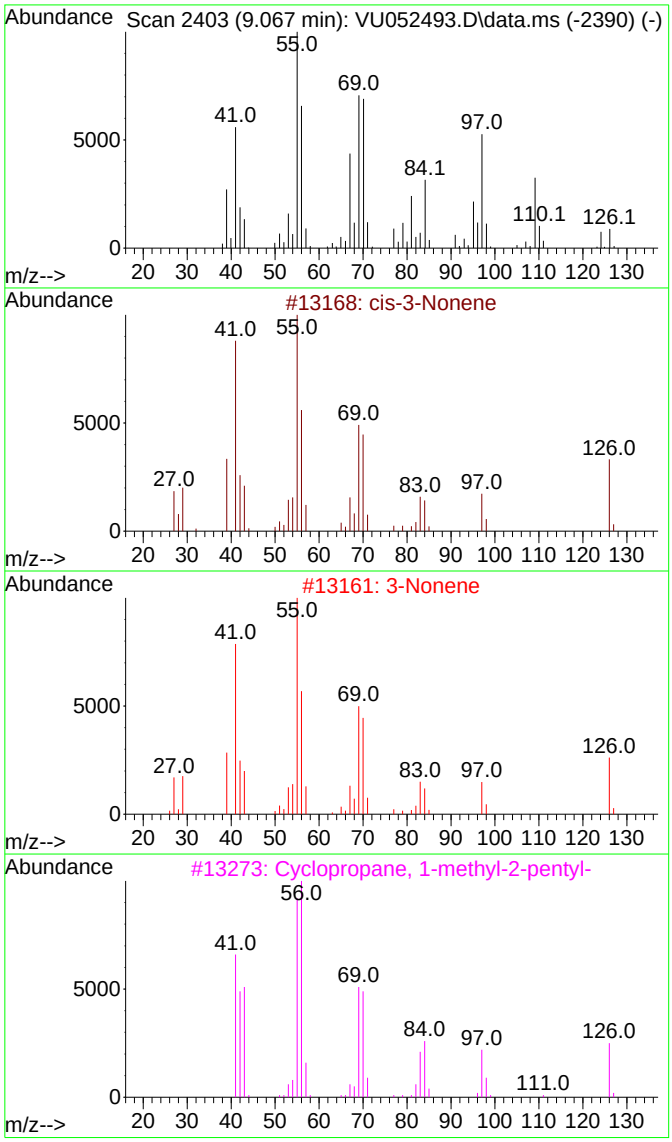
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

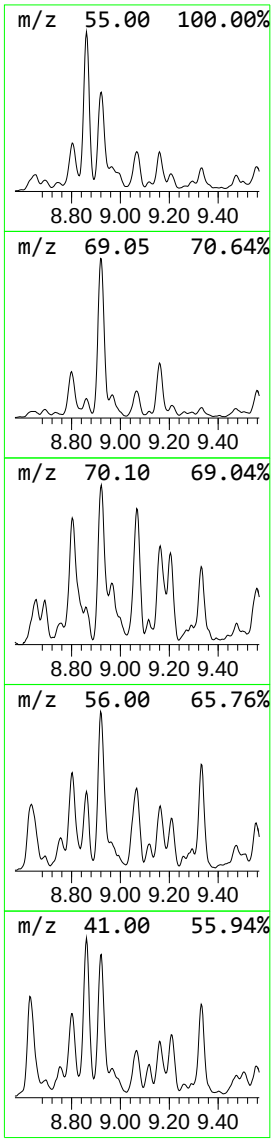
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.067	3.13 ug/L	348398	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Nonene	126	C9H18	020237-46-1	45
2	3-Nonene	126	C9H18	020063-77-8	35
3	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	35
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	30
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

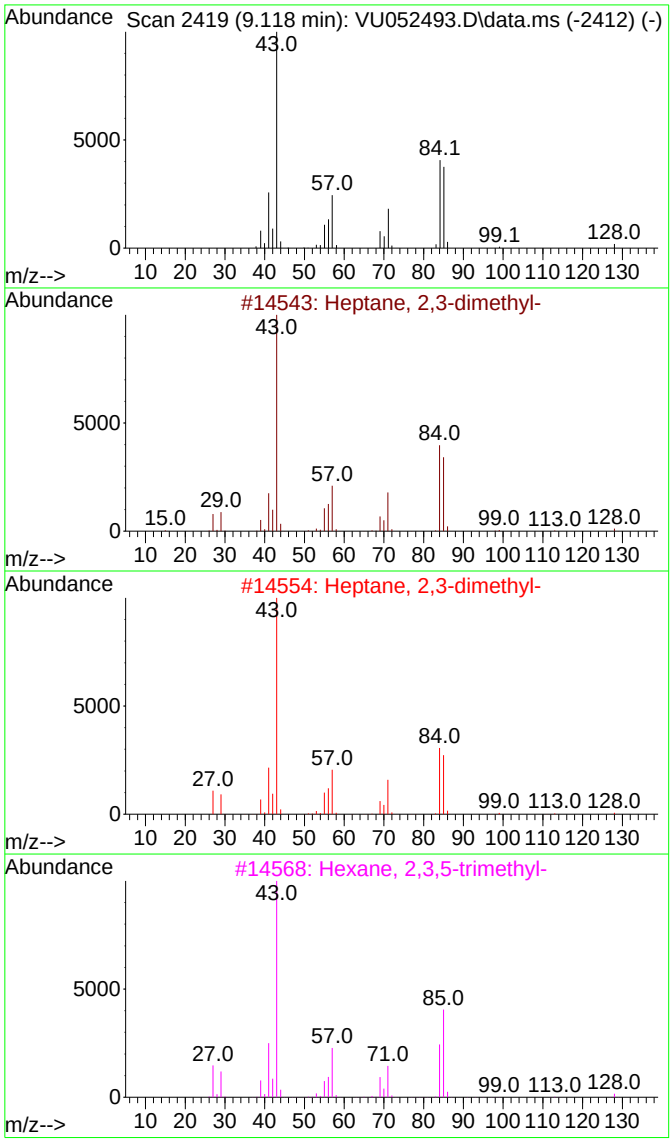
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

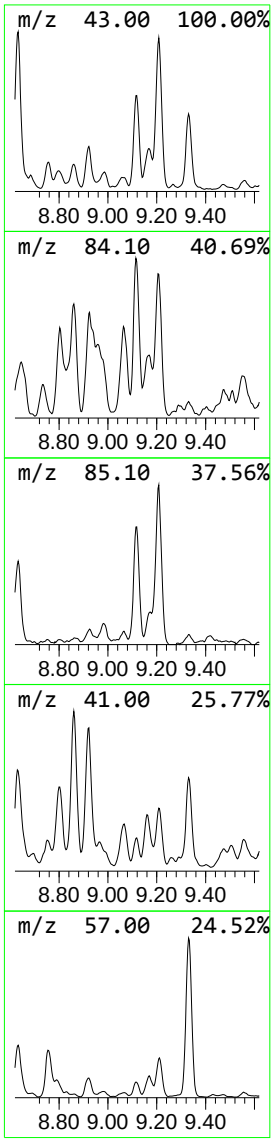
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.118	1.20 ug/L	133852	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	95
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	90
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	81
4	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	78
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

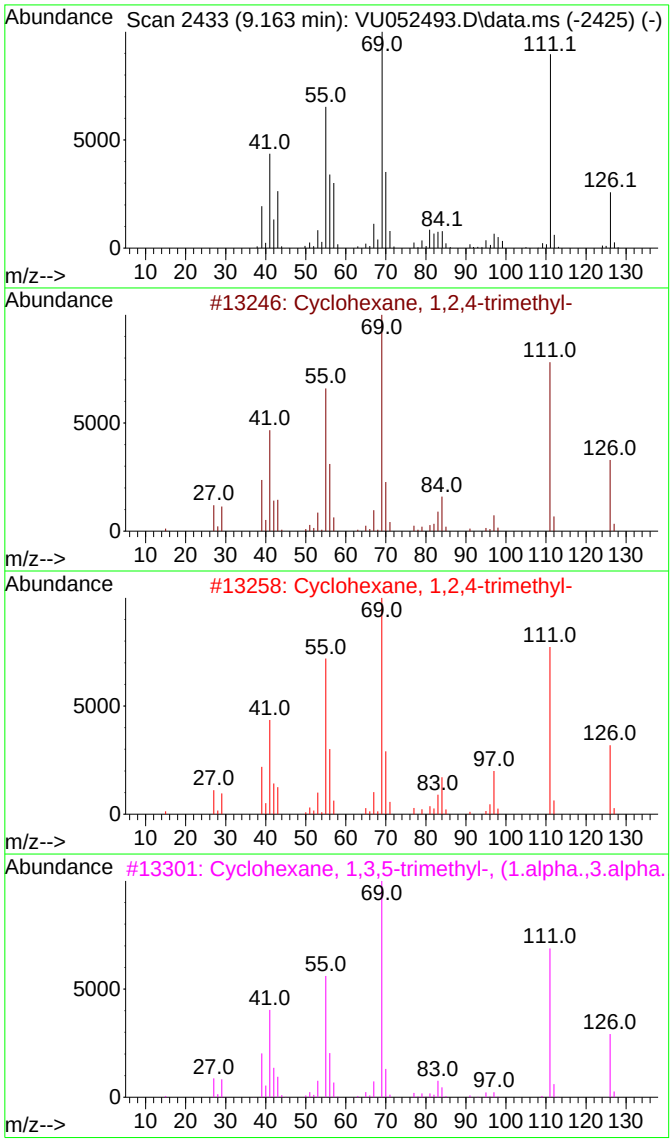
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

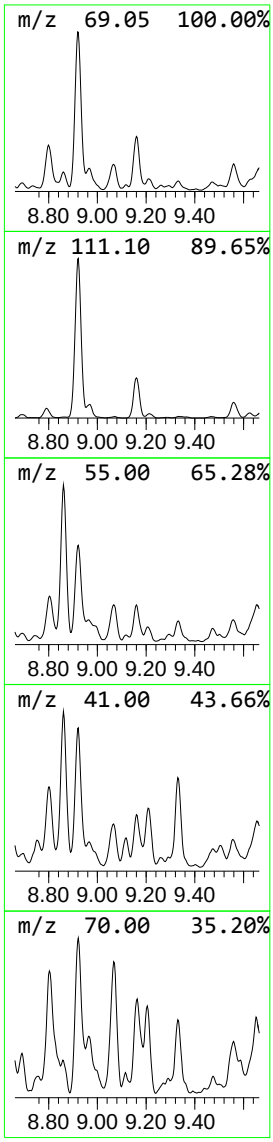
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic9.163 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	3.01 ug/L	334882	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

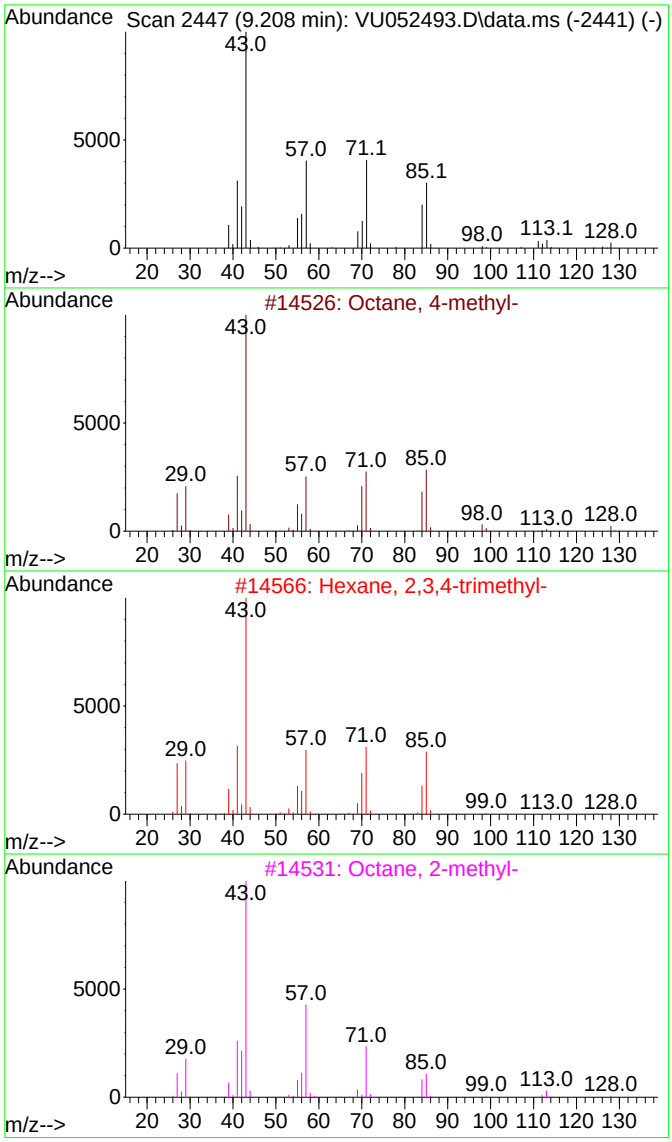
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

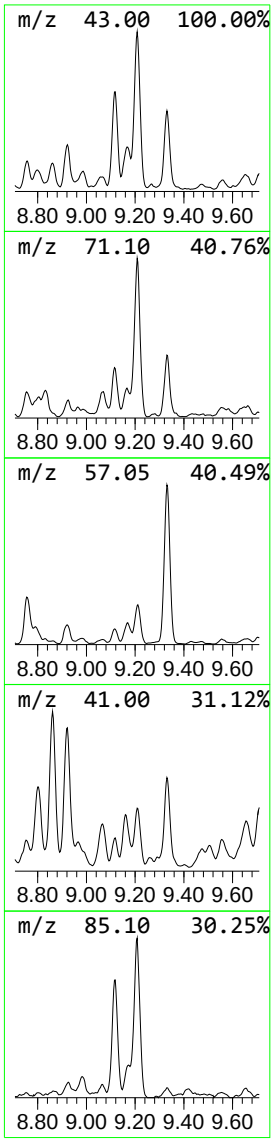
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.208	2.63 ug/L	293461	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

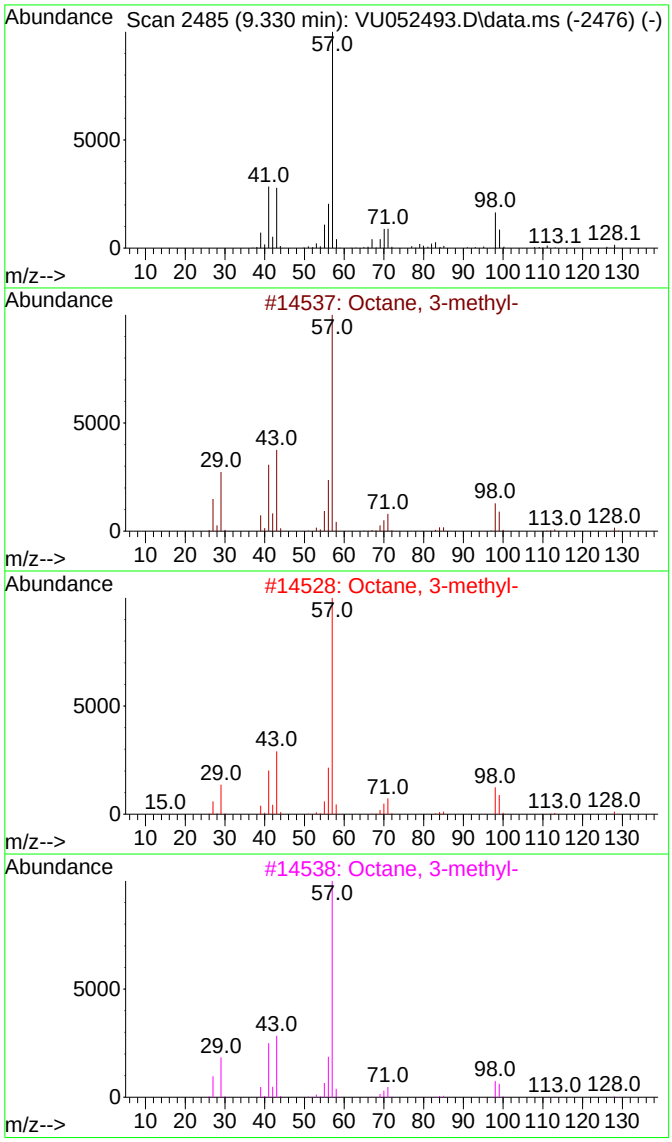
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

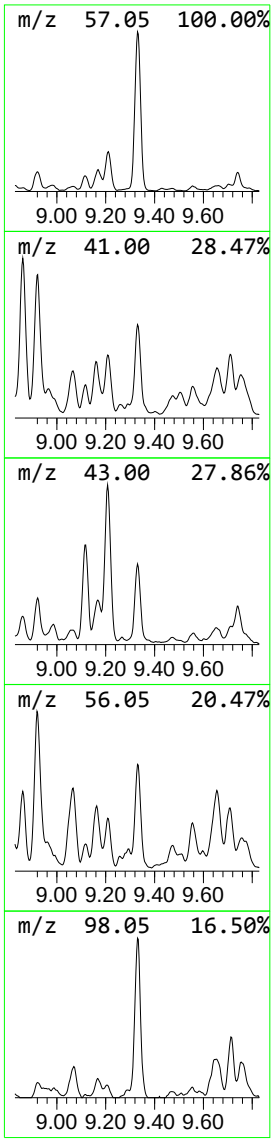
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.330	3.90 ug/L	434591	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Octane, 3-methyl-	128	C9H20	002216-33-3	72
4	Decane, 5-methyl-	156	C11H24	013151-35-4	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

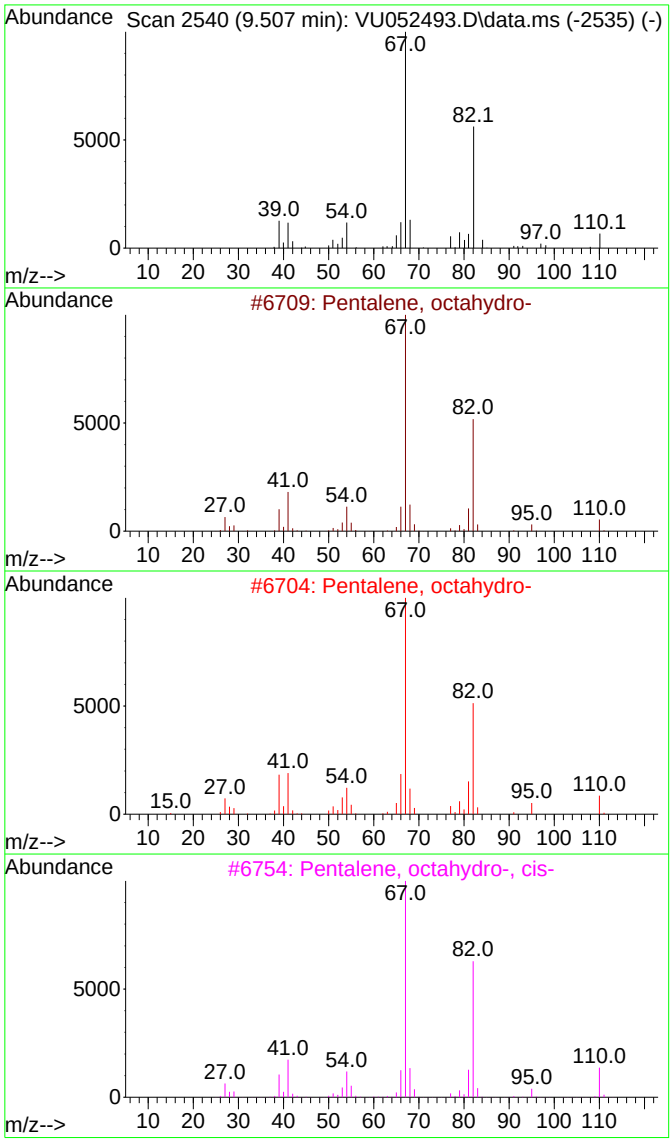
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

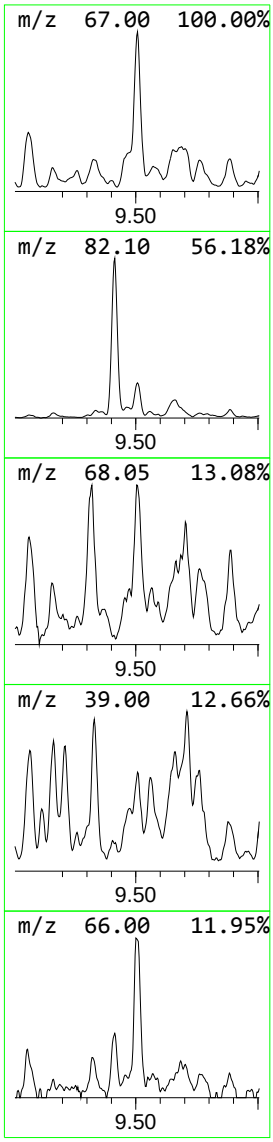
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Pentalene, octahydro- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.507	0.79 ug/L	87665	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	86
2	Pentalene, octahydro-	110	C8H14	000694-72-4	80
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	78
4	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	64
5	Ethyl (E)-hex-3-enyl carbonate	172	C9H16O3	1000373-83-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

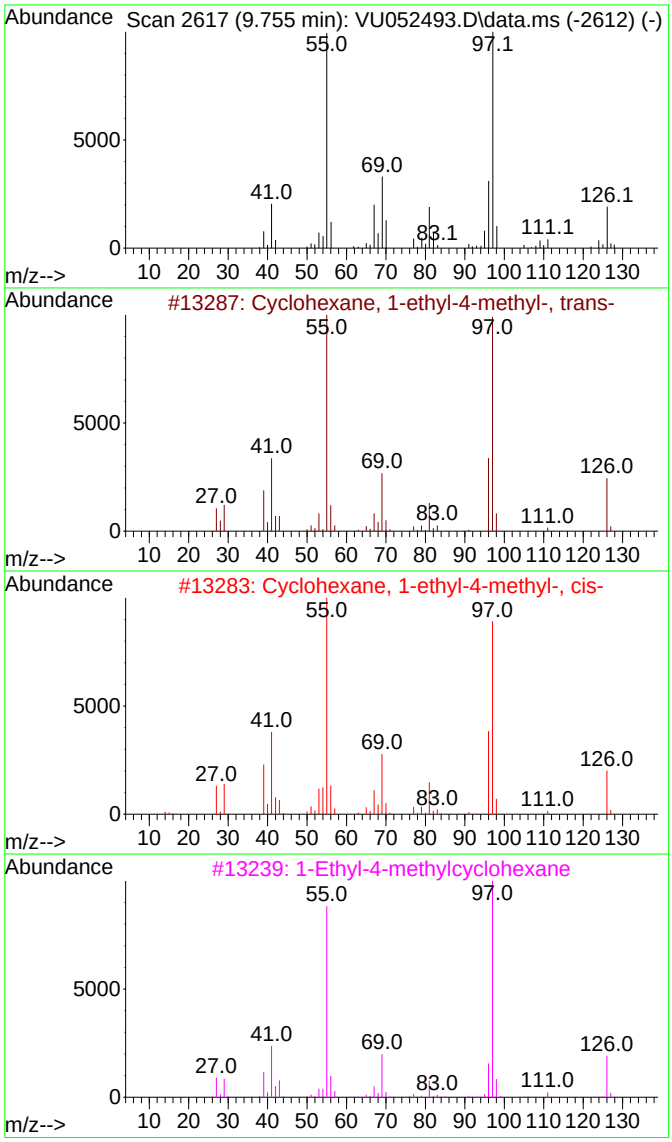
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

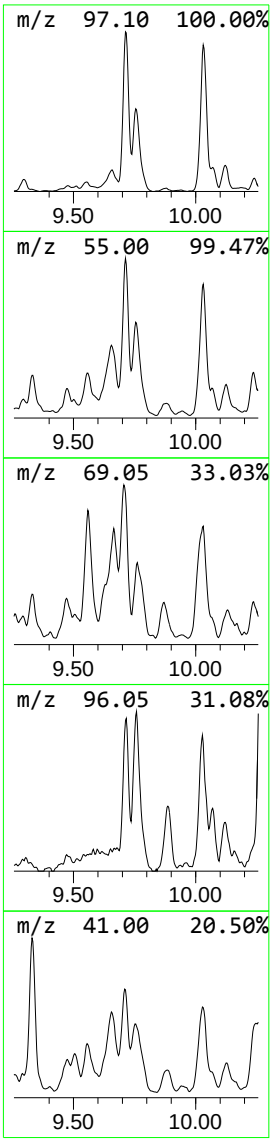
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic9.755 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.755	3.20 ug/L	356923	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	81
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

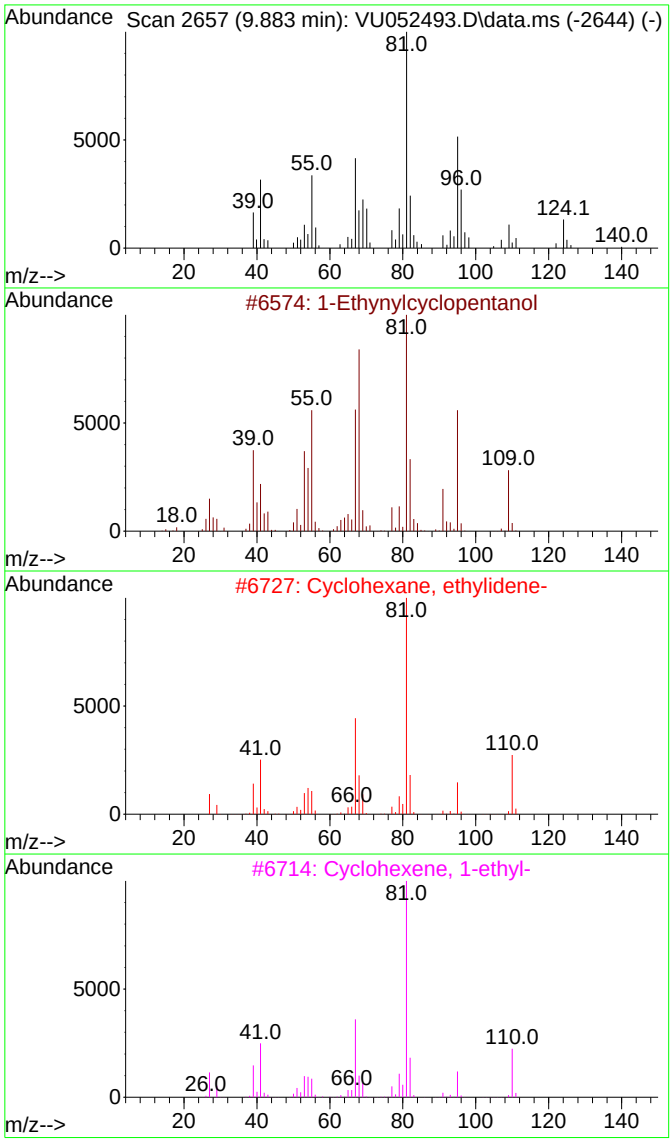
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

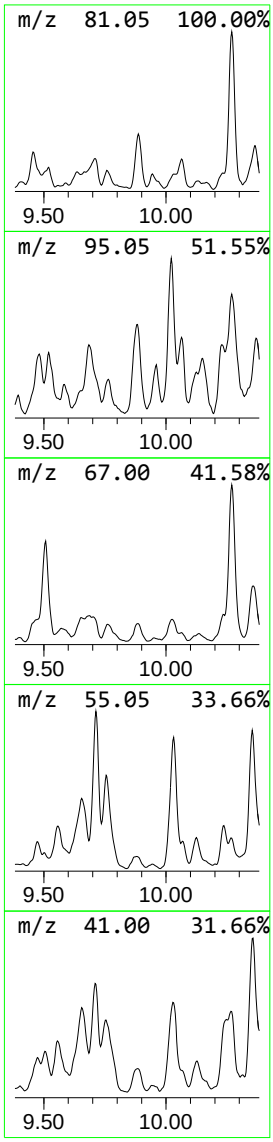
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1-Ethynylcyclopentanol Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.883	1.37 ug/L	152173	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	64
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	50
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	47
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
5	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	46





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

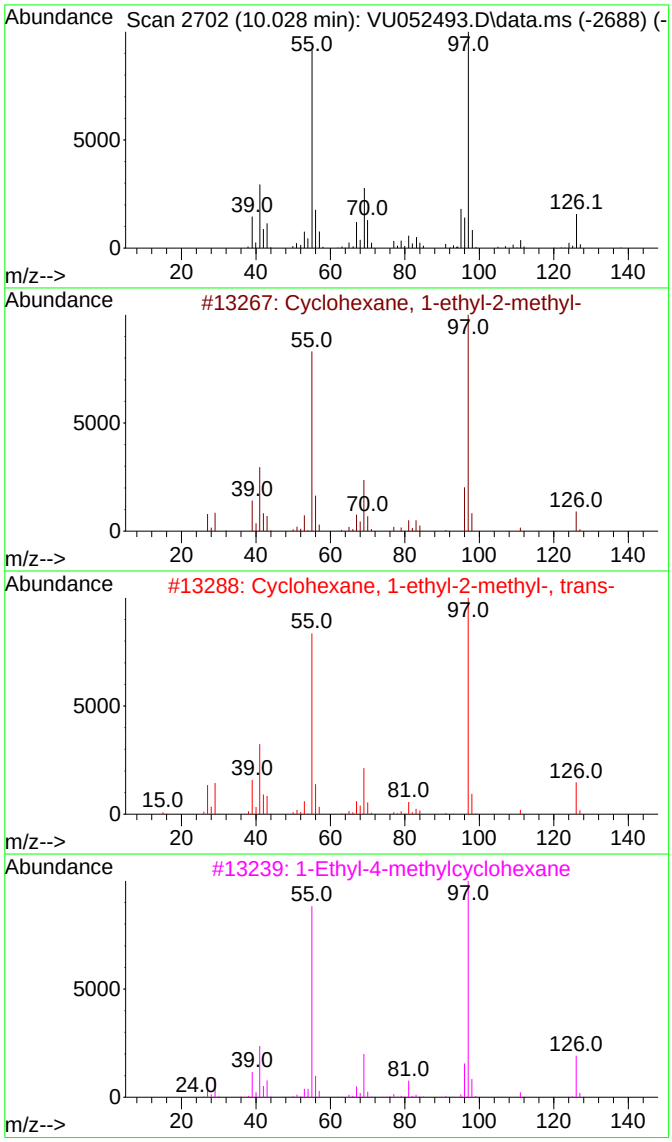
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

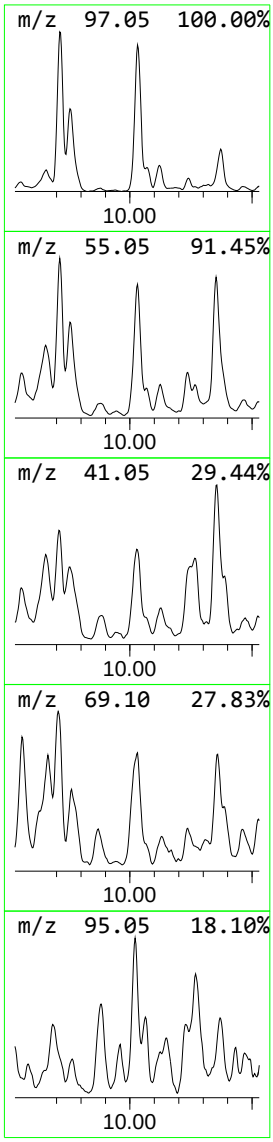
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic10.028 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	4.33 ug/L	482288	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	74
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

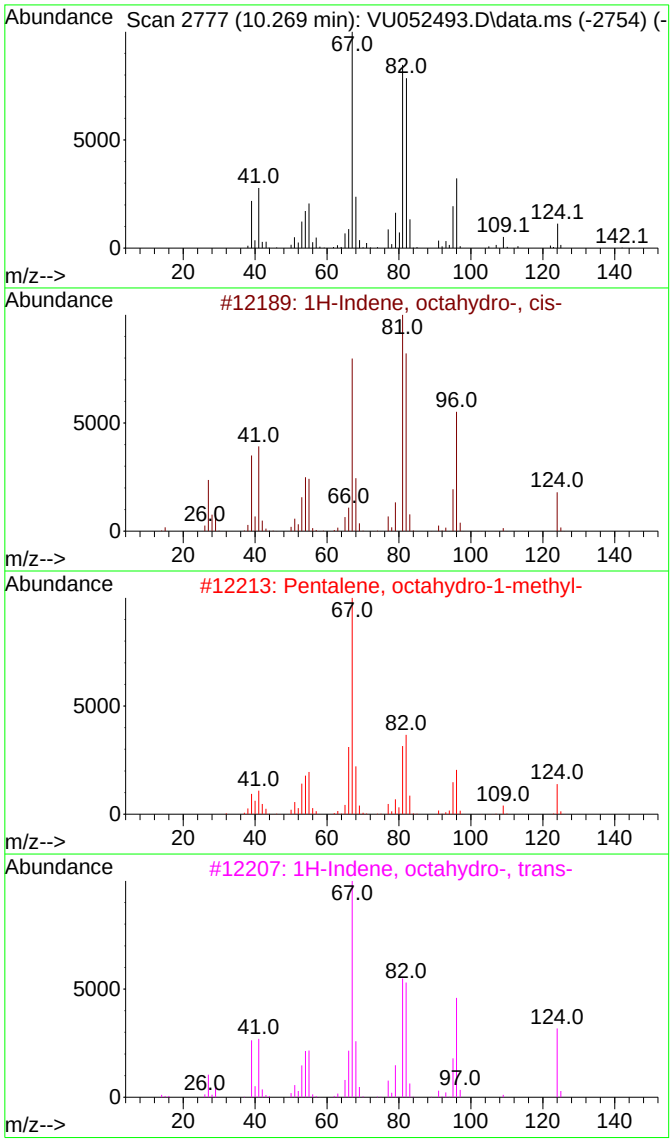
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

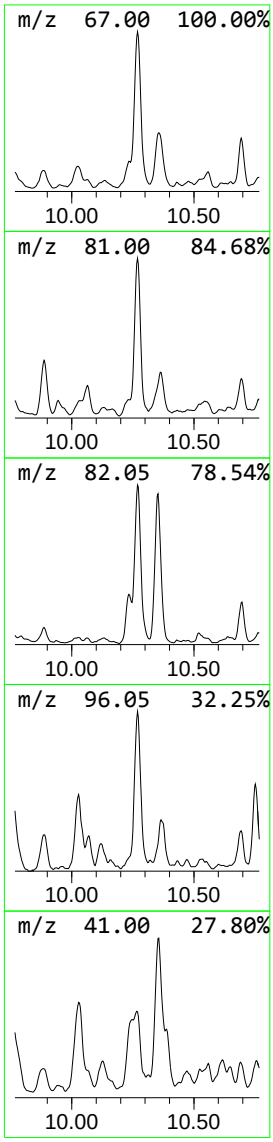
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Indene, octahydro-, cis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	6.29 ug/L	701053	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53
2	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	53
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	52
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	47
5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

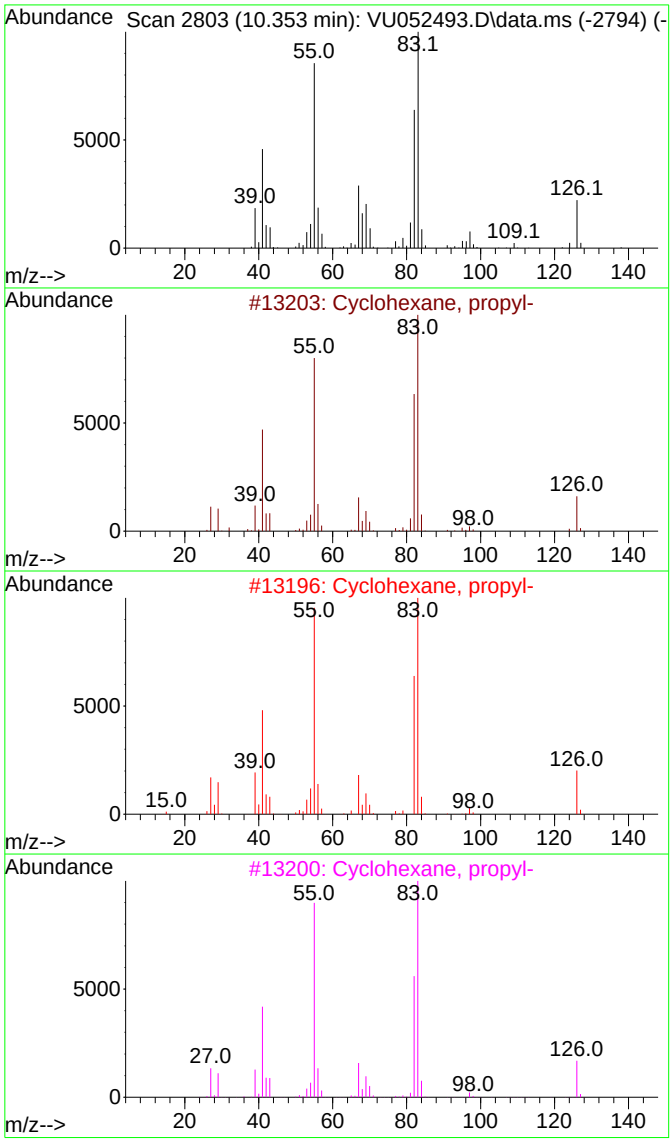
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

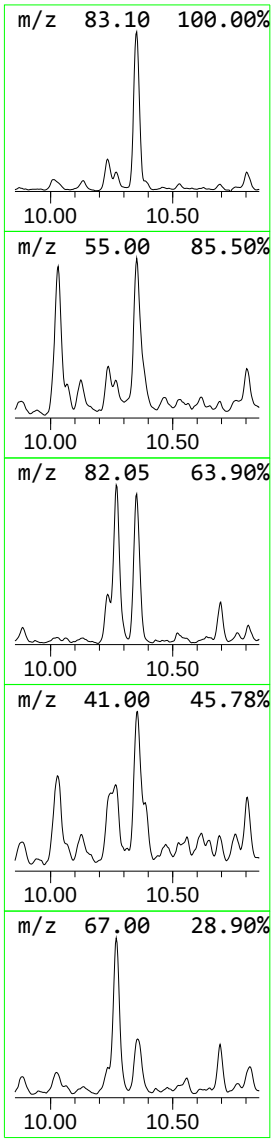
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Cyclic10.353 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.353	6.41 ug/L	714207	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

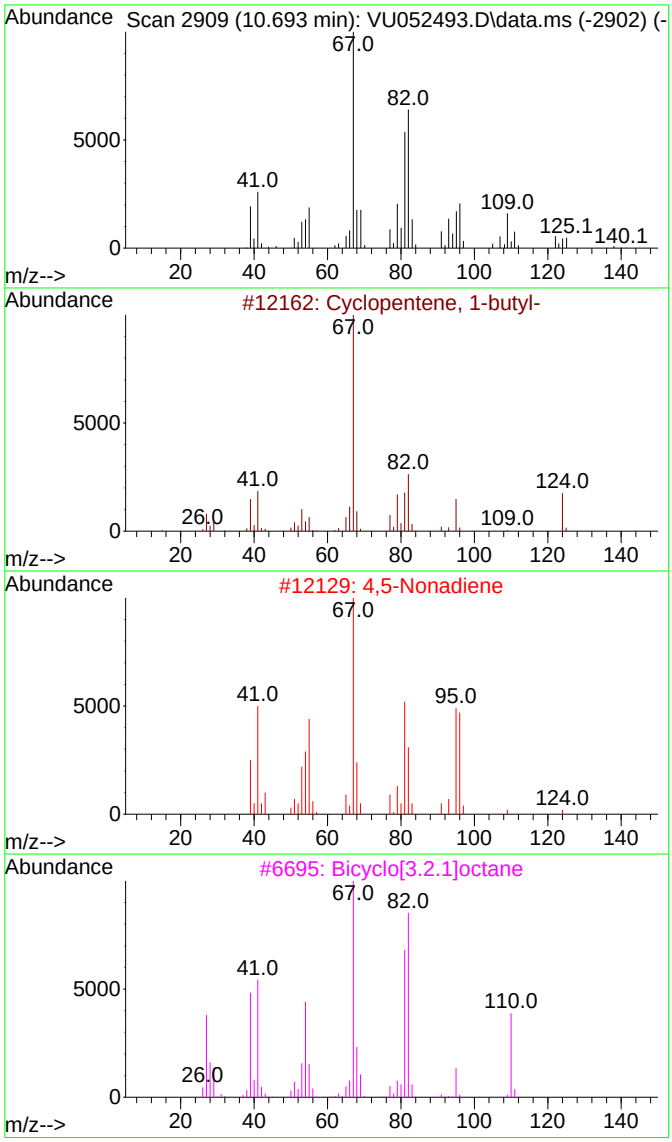
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

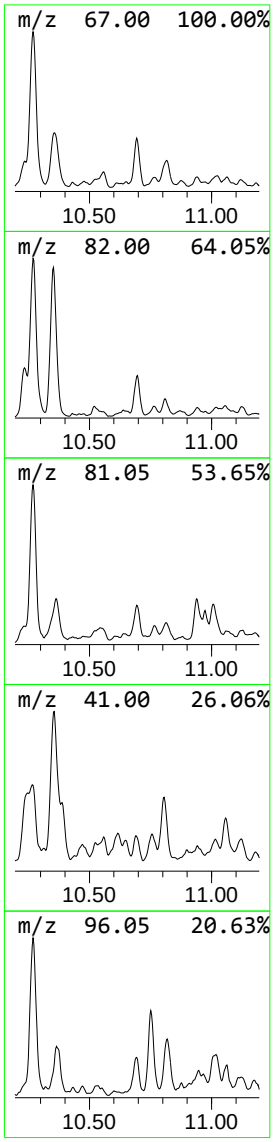
****

Peak Number 45 Cyclopentene, 1-butyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.694	0.88 ug/L	111955	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	58
2	4,5-Nonadiene	124	C9H16	000821-74-9	53
3	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	52
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	50
5	3,4-Nonadiene	124	C9H16	037050-03-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

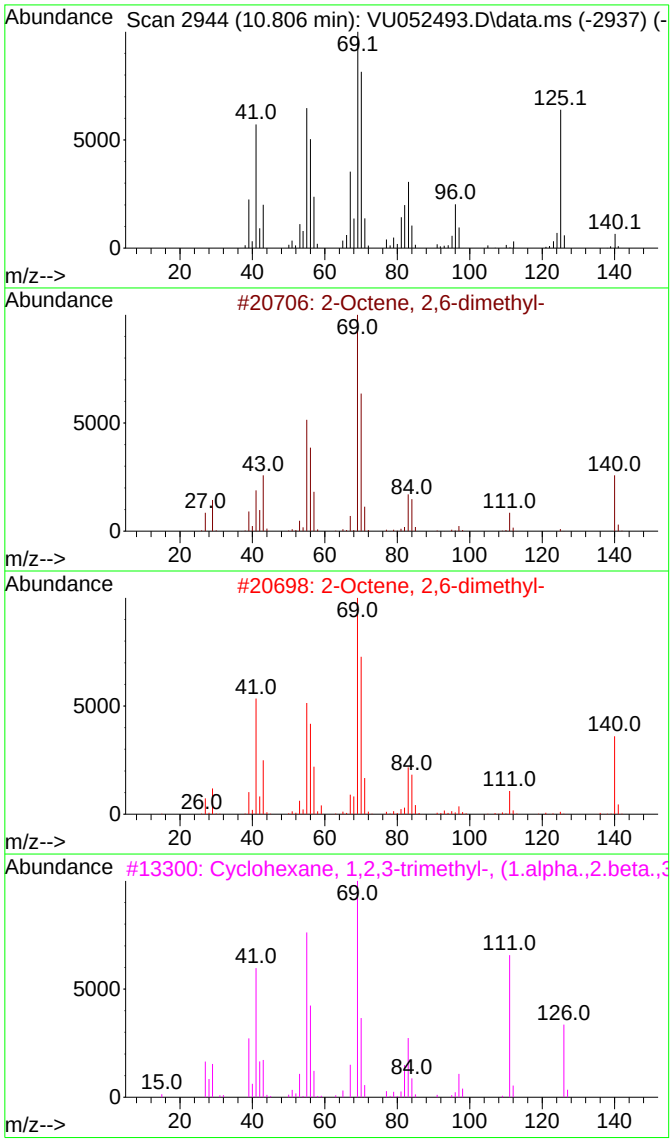
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

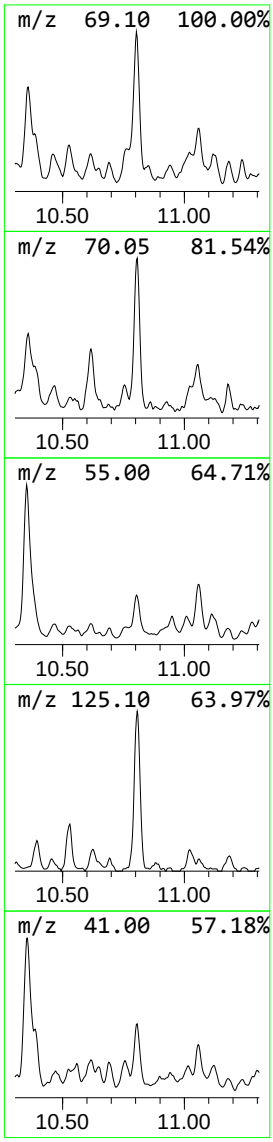
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.806	1.76 ug/L	224885	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	47
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	43
4	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	38
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

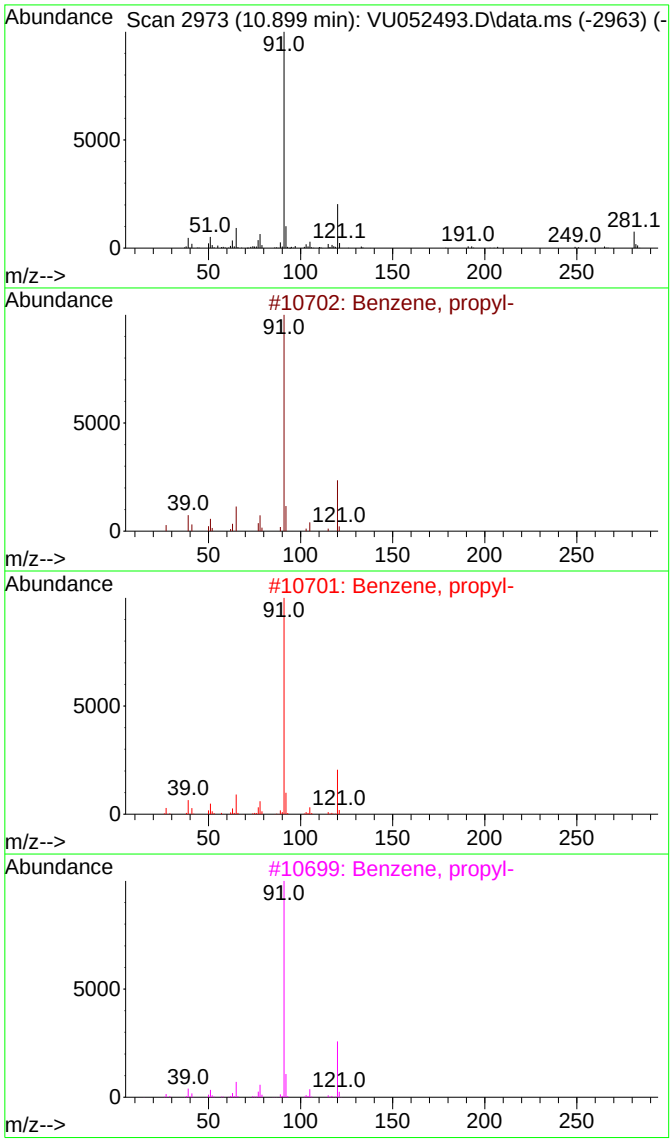
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

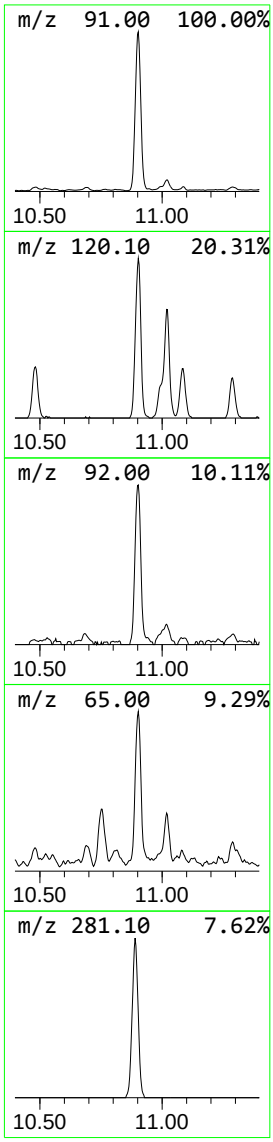
****

Peak Number 47 Benzene, propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.899	1.91 ug/L	243802	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	68
4	Benzene, propyl-	120	C9H12	000103-65-1	64
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

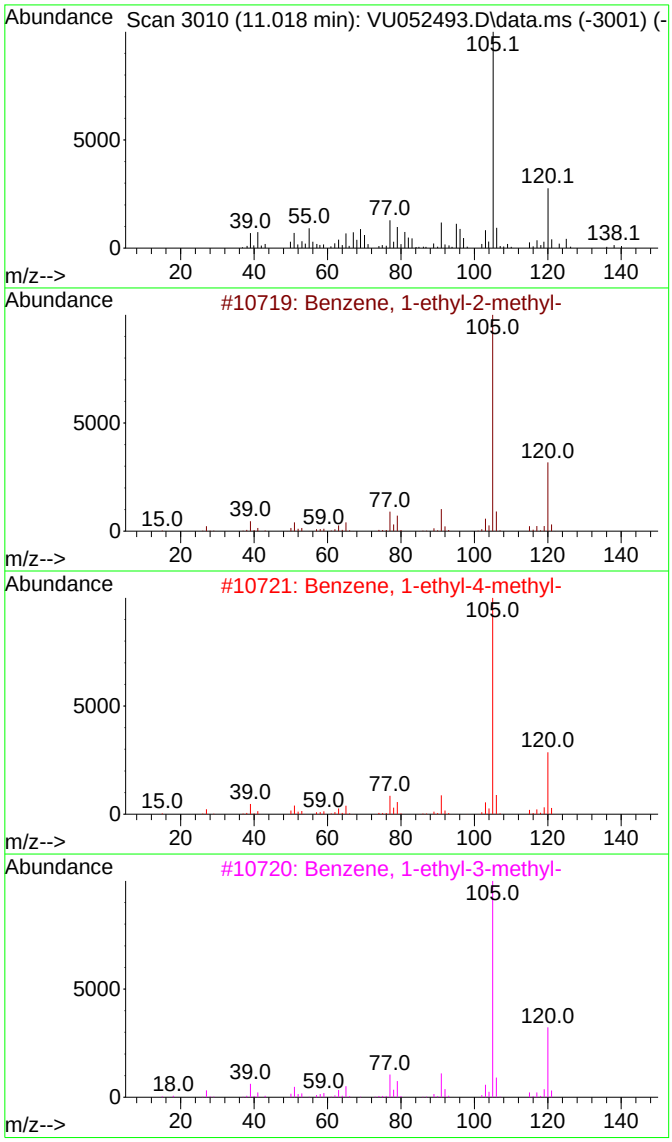
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

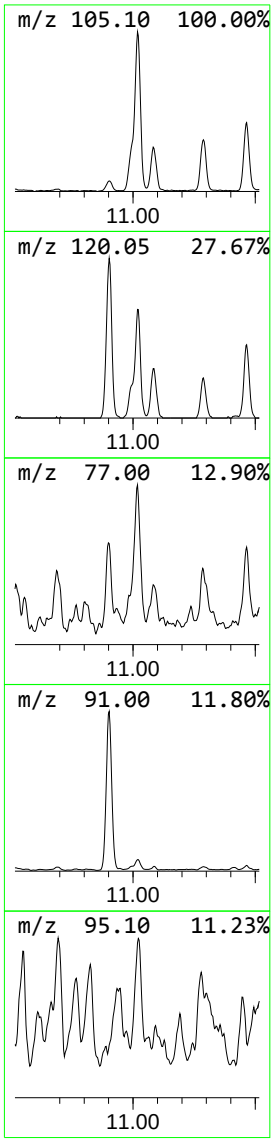
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1-ethyl-2-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	1.19 ug/L	151884	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

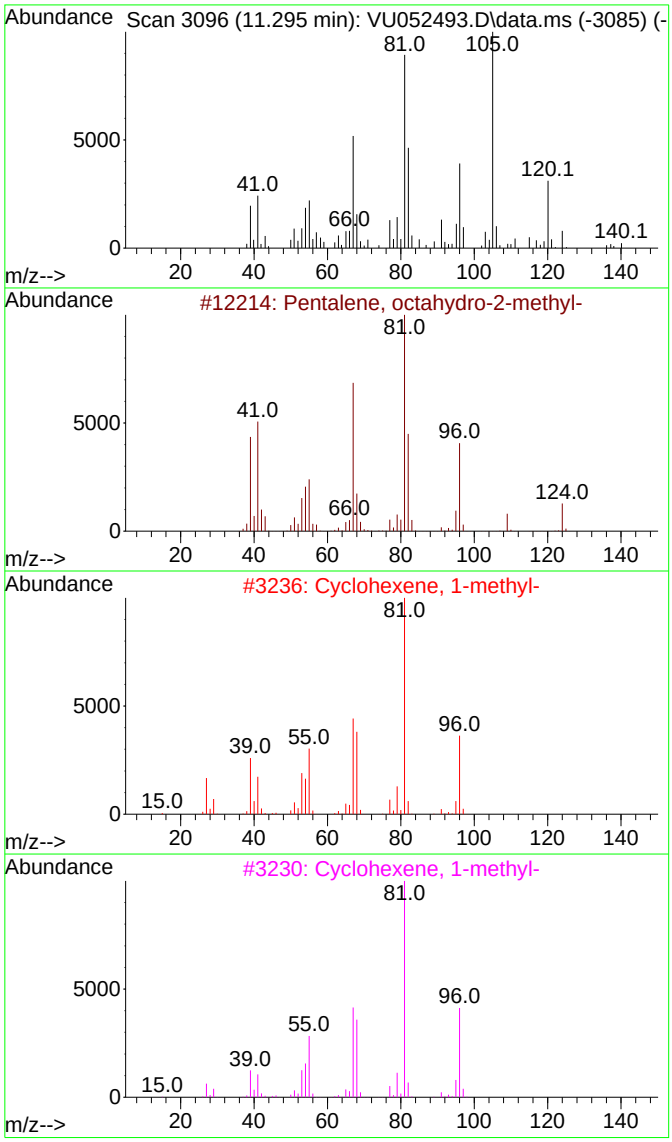
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

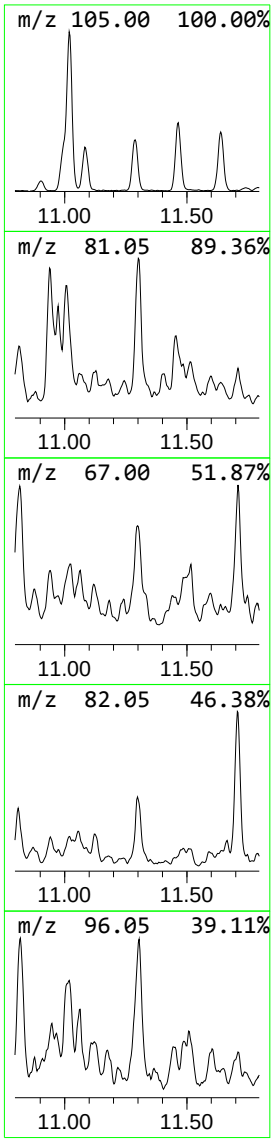
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Pentalene, octahydro-2-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	1.36 ug/L	173796	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	76
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	58
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	50
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

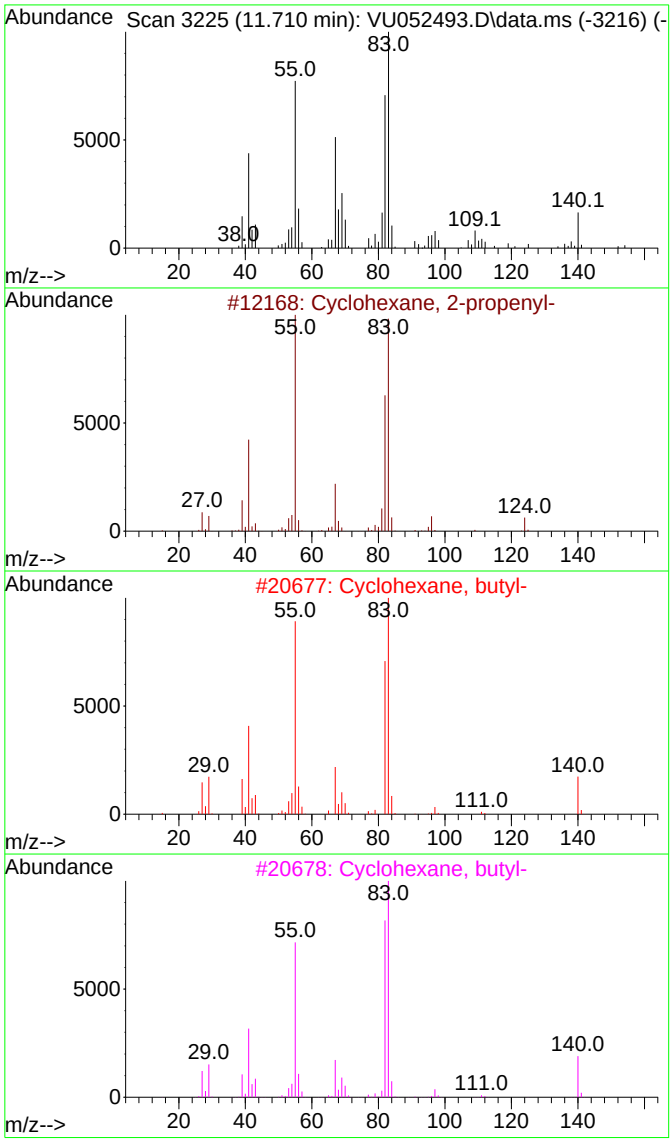
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

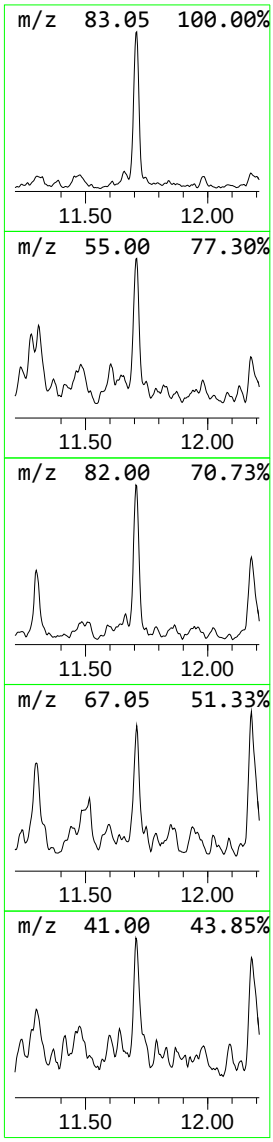
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Cyclohexane, 2-propenyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	0.96 ug/L	122218	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

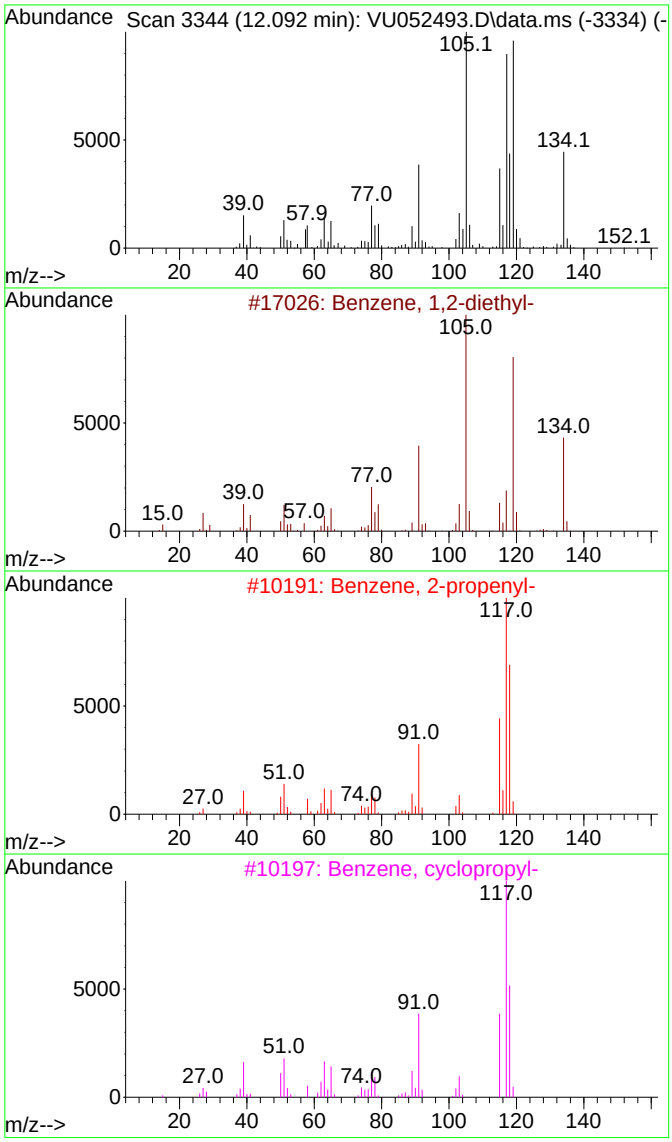
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

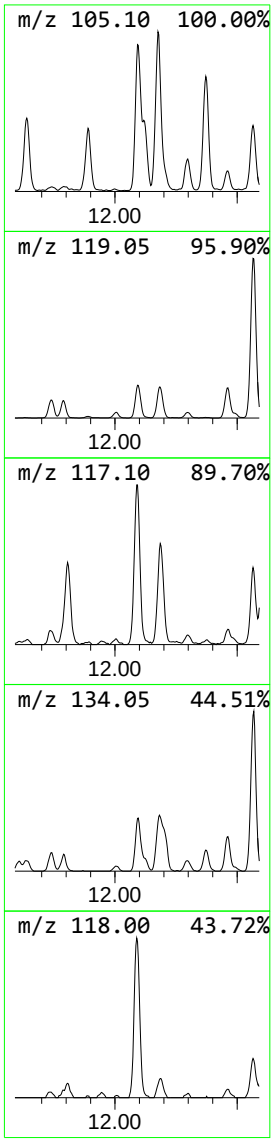
****

Peak Number 52 Benzene, 1,2-diethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.62 ug/L	334341	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

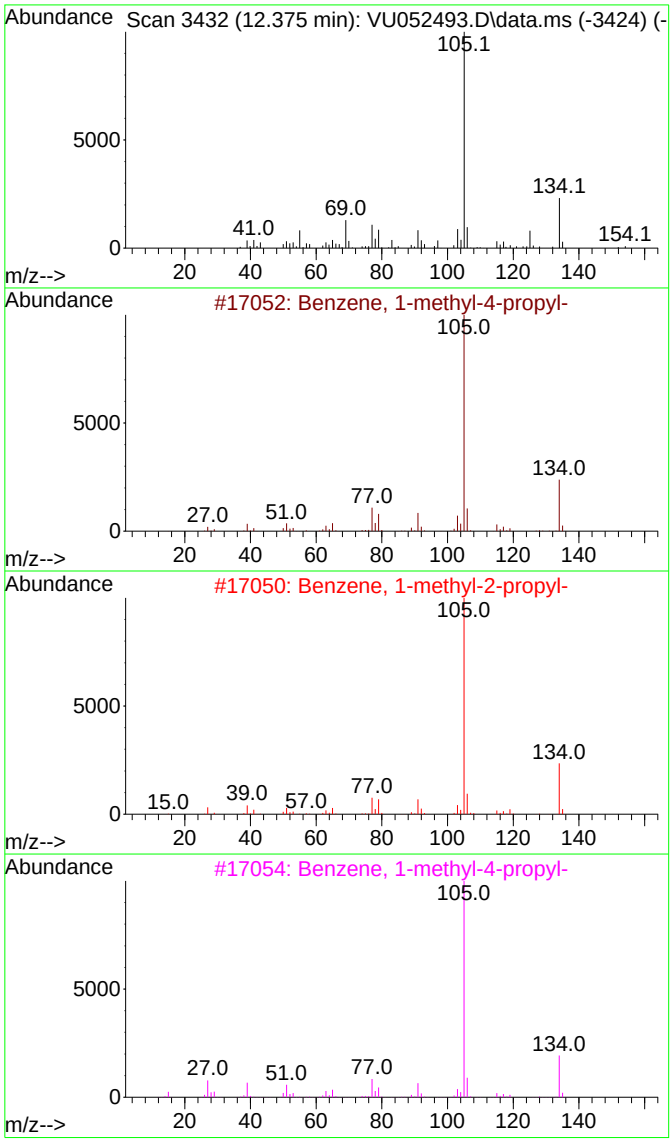
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

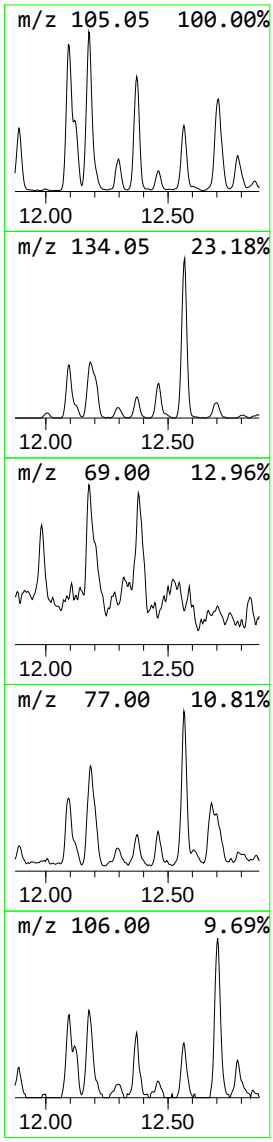
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1-methyl-4-propyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	0.81 ug/L	103528	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70
5	2-Tolyloxirane	134	C9H10O	002783-26-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

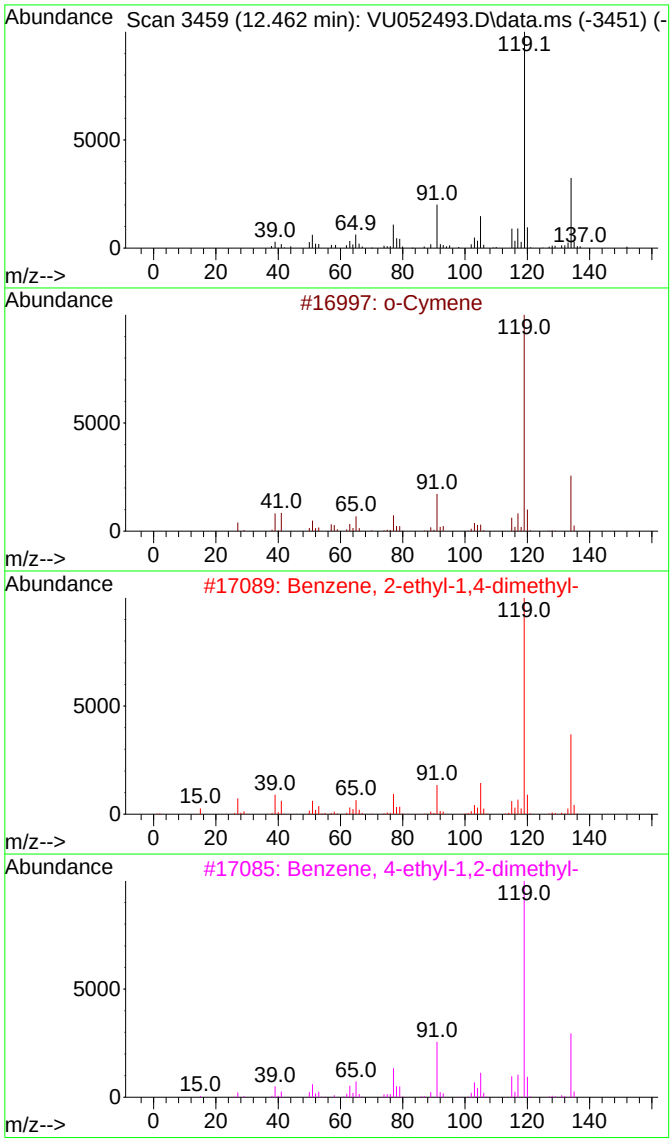
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

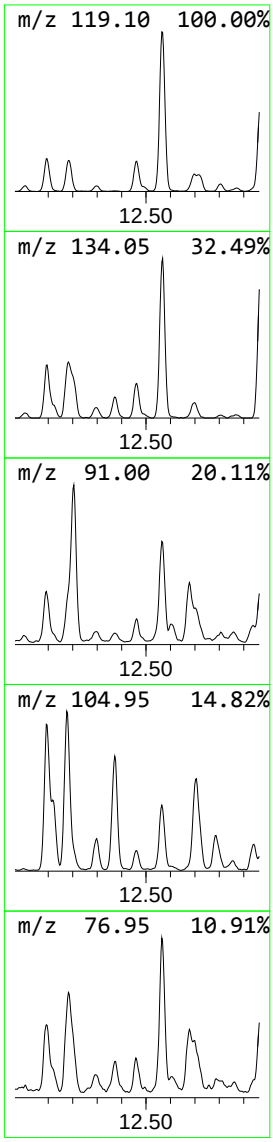
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 o-Cymene Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	0.81 ug/L	102799	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

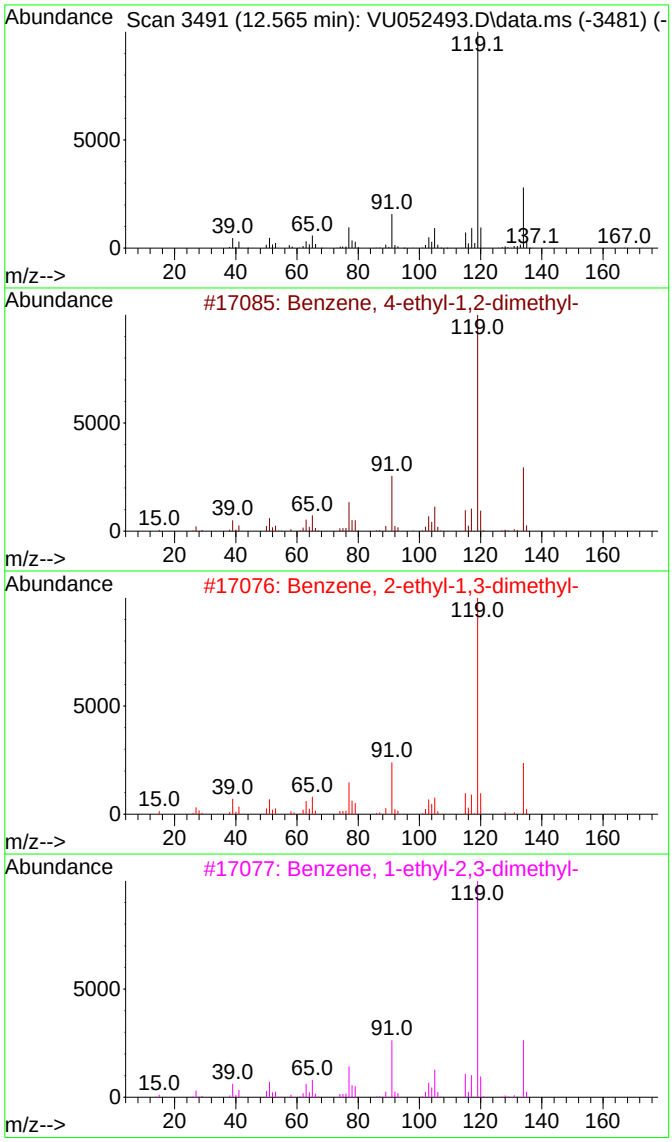
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

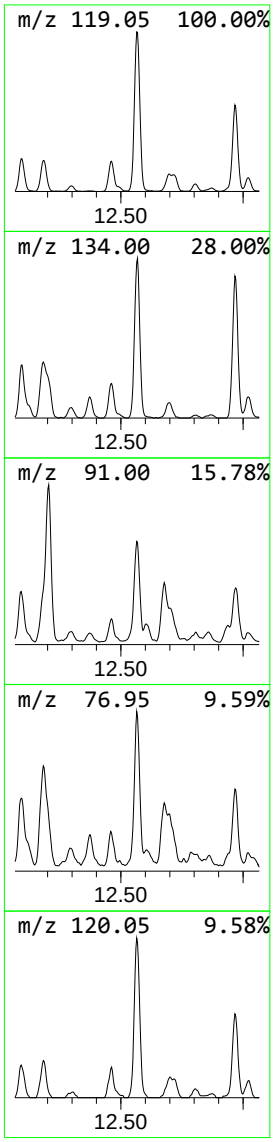
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.565	3.68 ug/L	468935	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

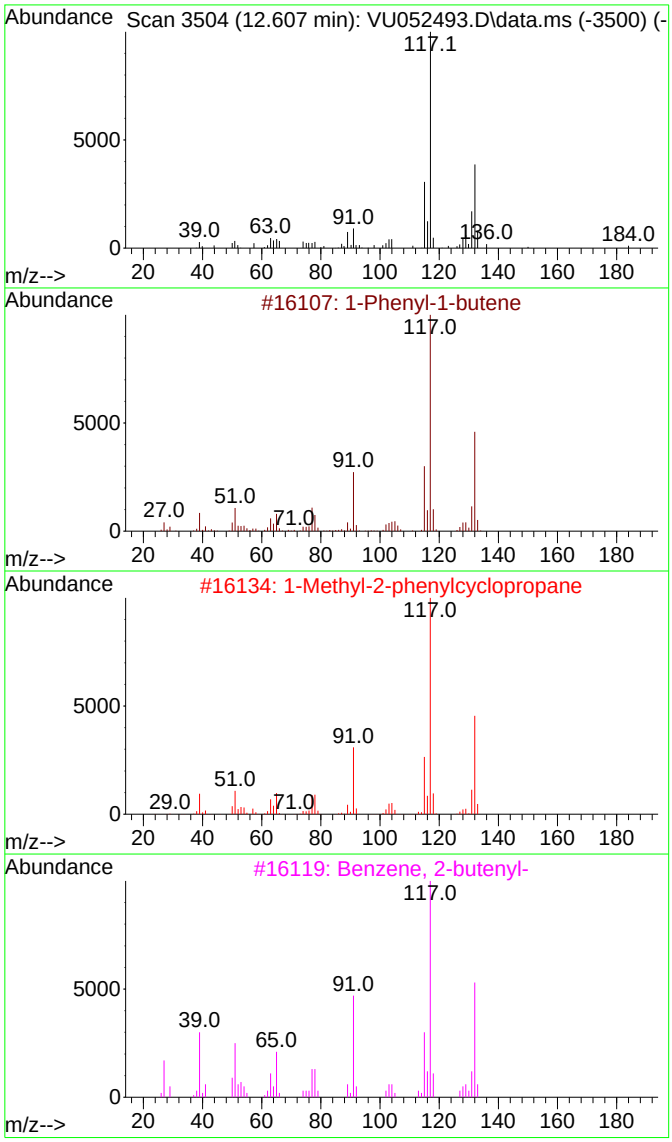
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

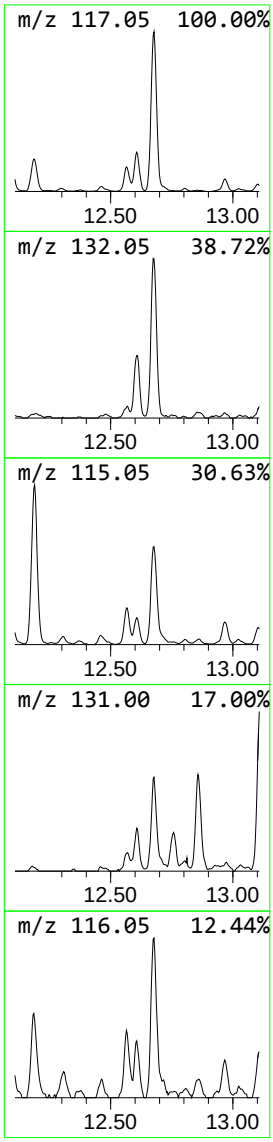
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 1-Phenyl-1-butene Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.607	0.64 ug/L	81146	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

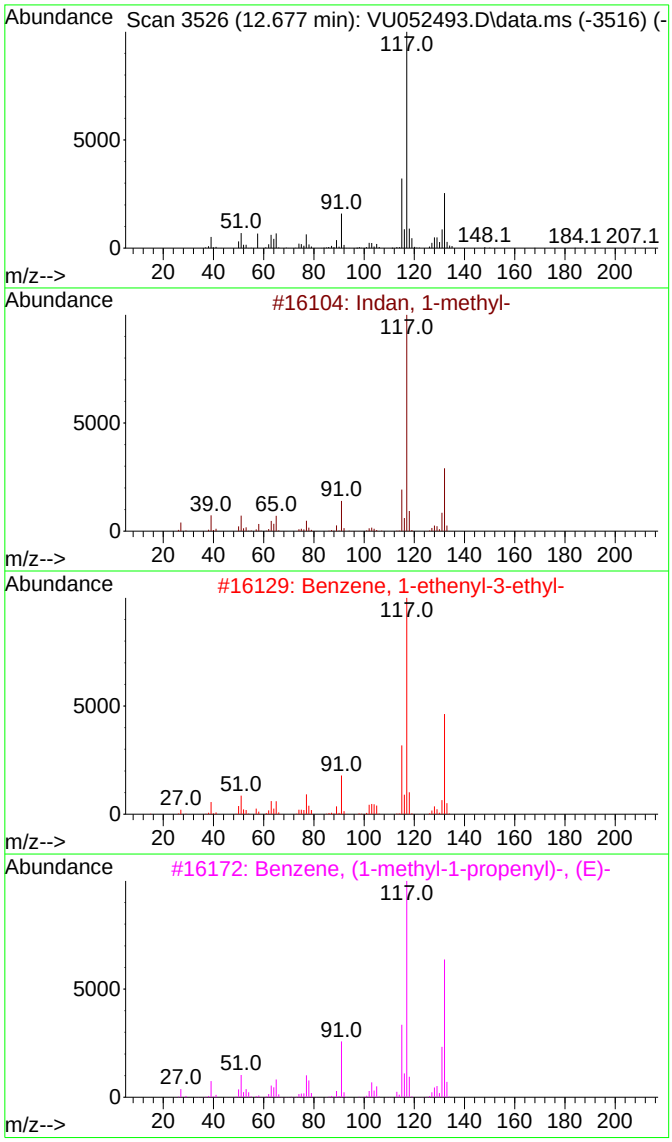
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

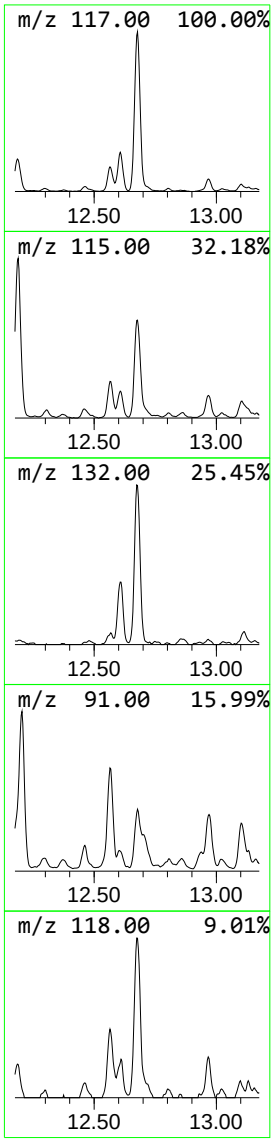
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Indan, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	4.01 ug/L	510996	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

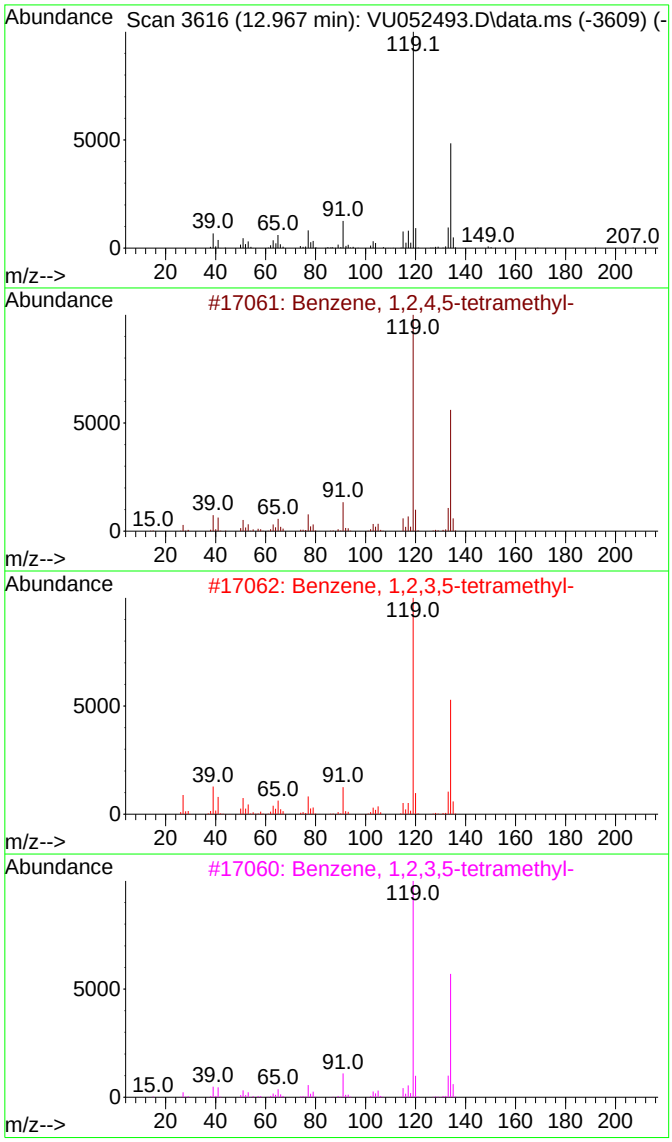
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

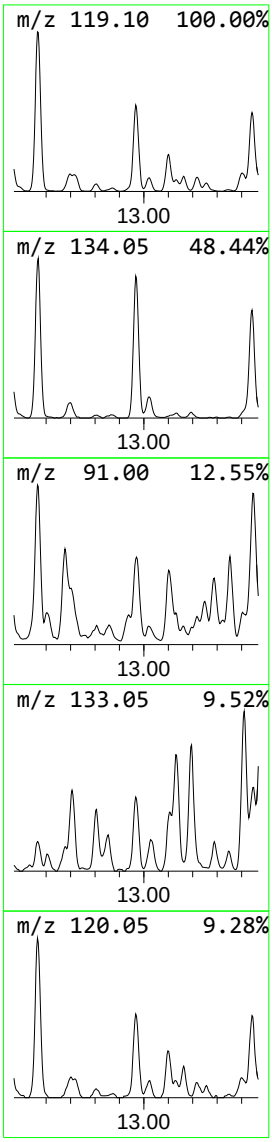
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	2.15 ug/L	273974	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

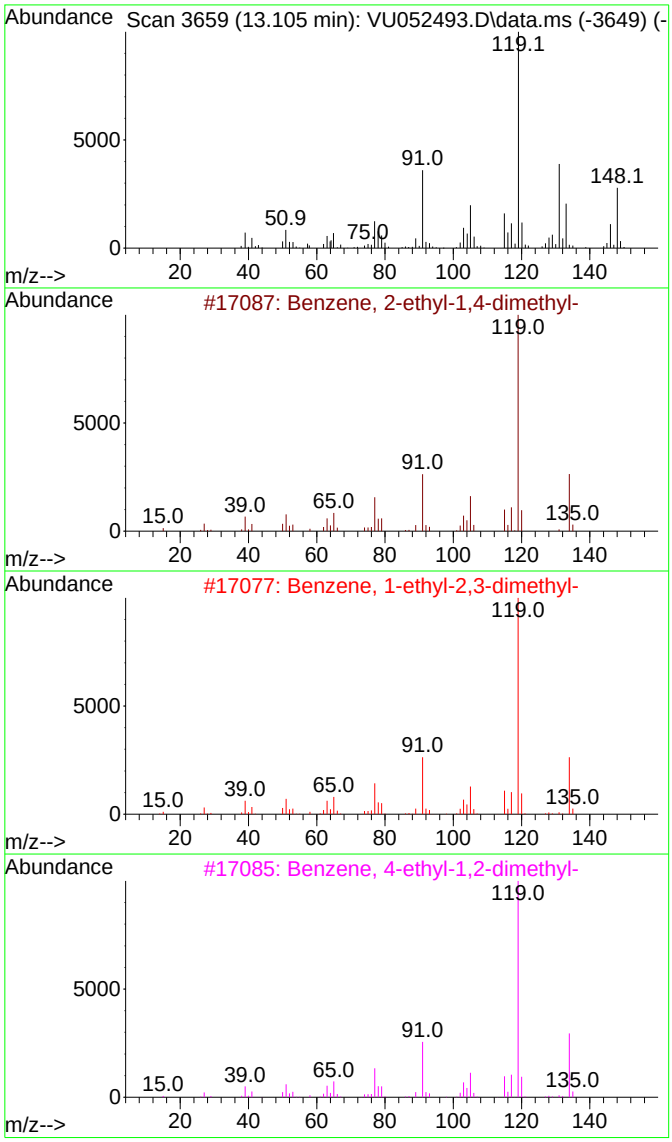
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

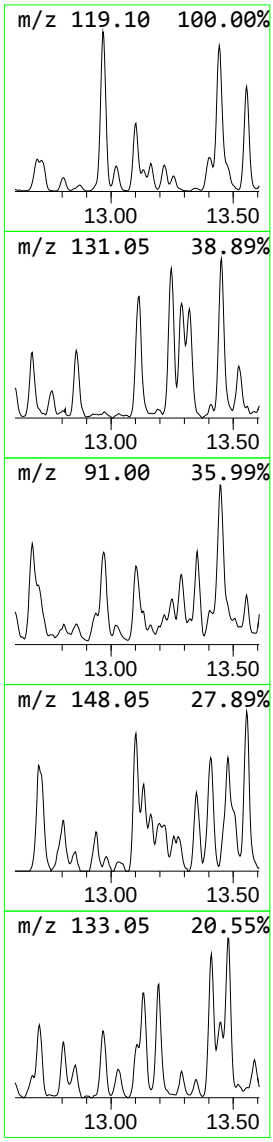
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	2.05 ug/L	261253	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

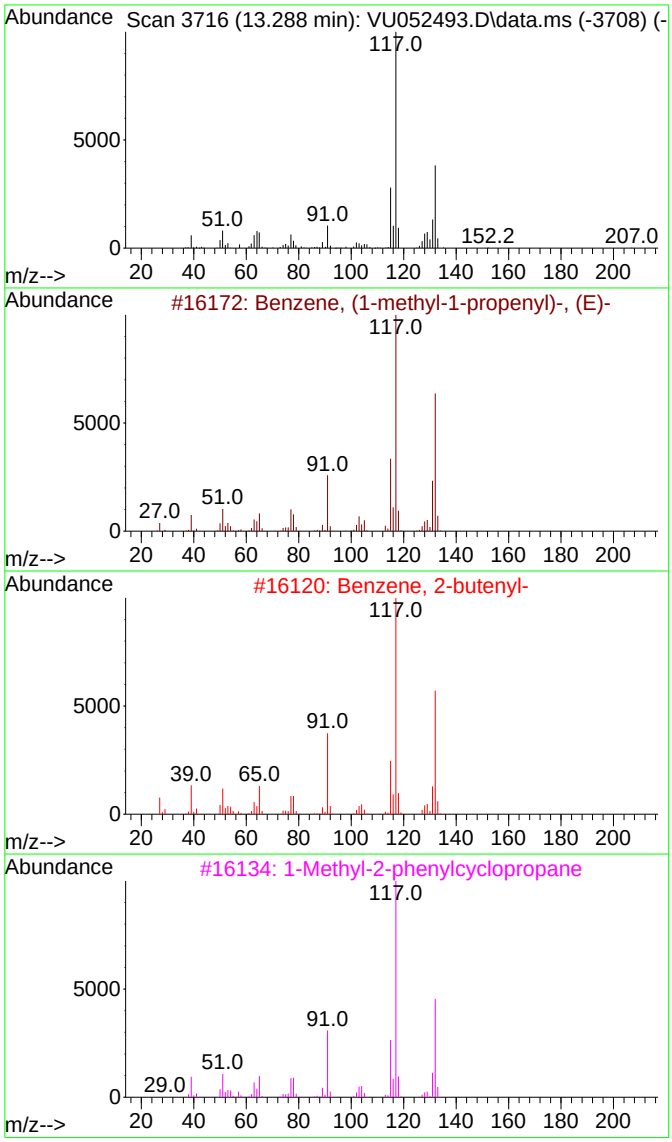
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

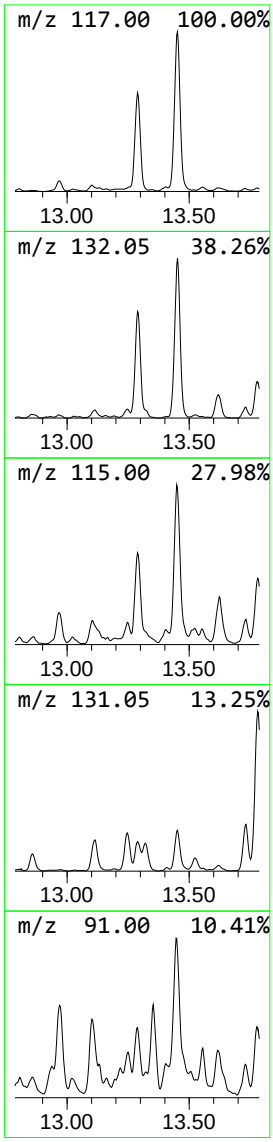
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, (1-methyl-1-propen... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	1.65 ug/L	210310	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

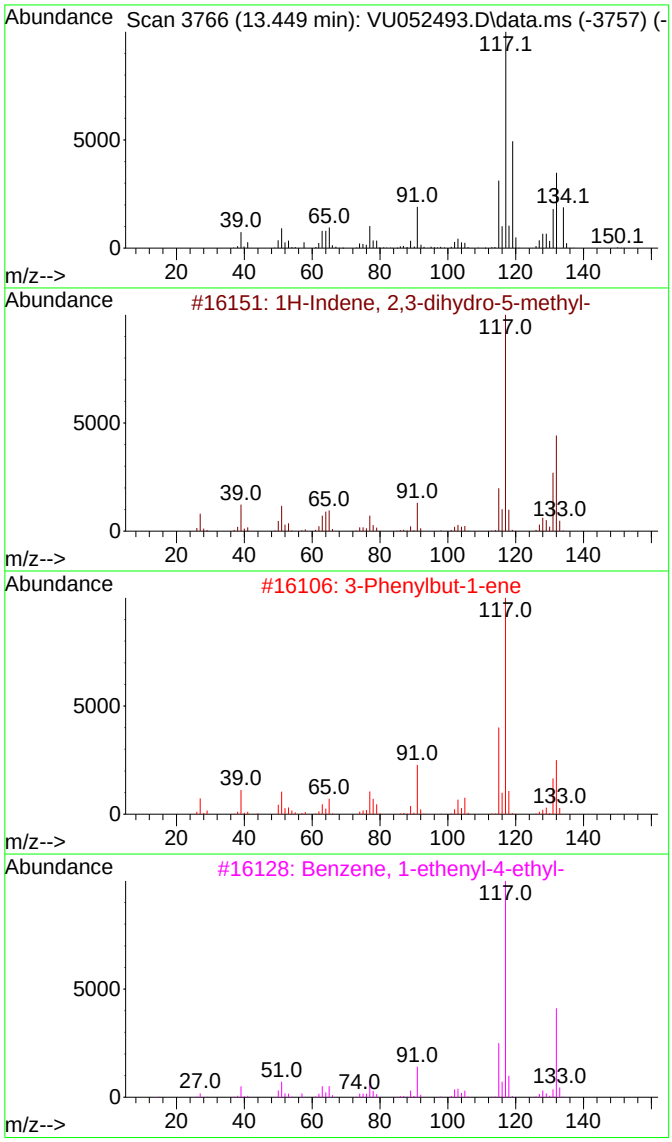
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

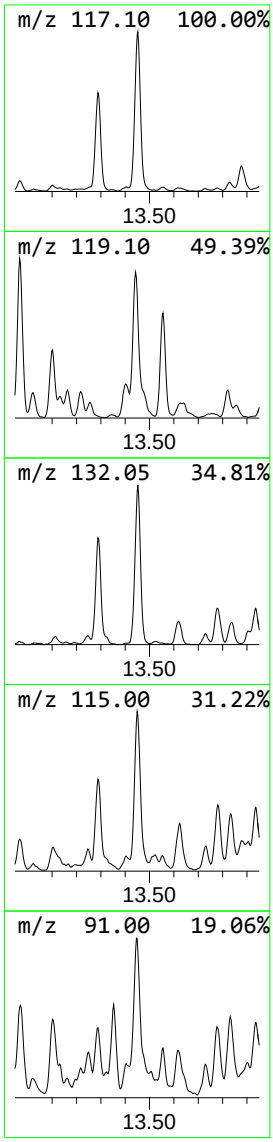
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	5.13 ug/L	653487	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

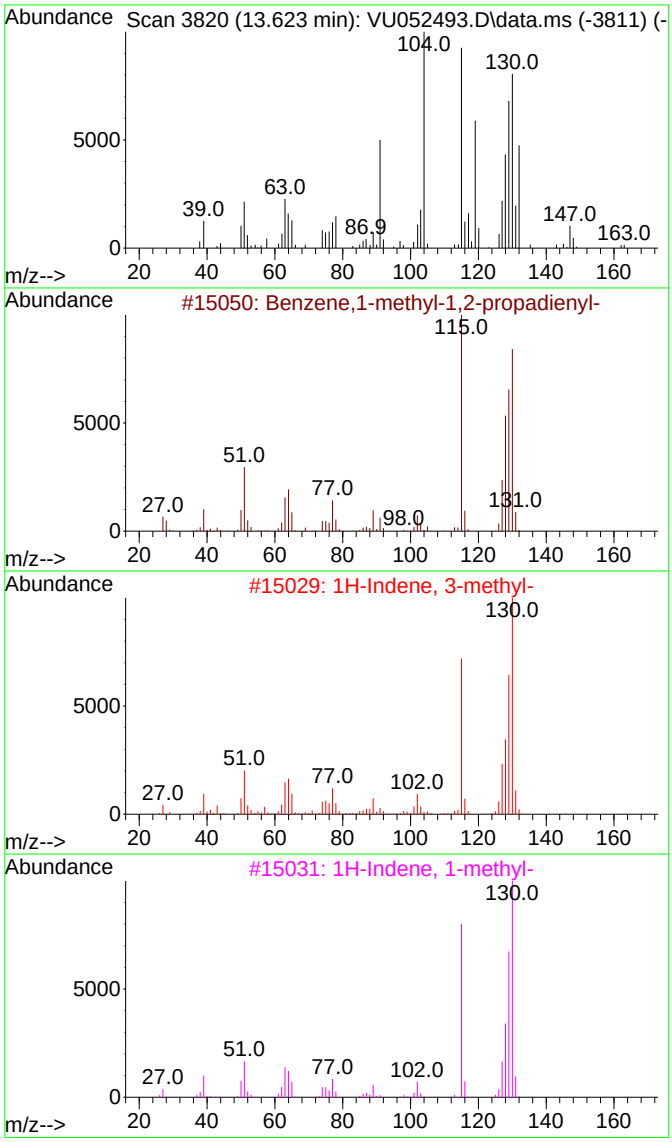
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

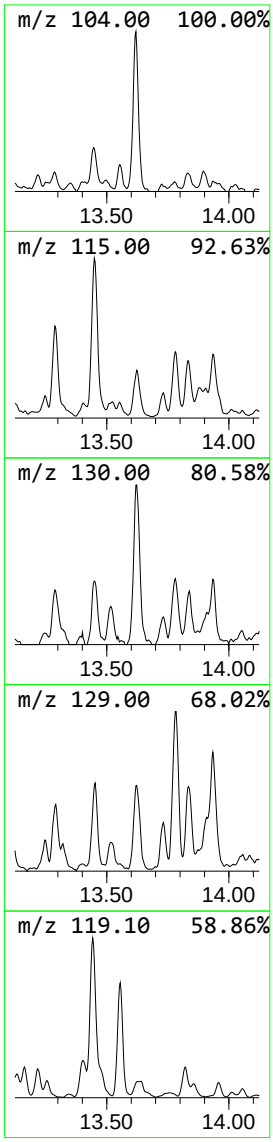
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene,1-methyl-1,2-propad... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	1.55 ug/L	197409	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	83
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	74
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	52
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	46
5	2-Methylindene	130	C10H10	002177-47-1	46





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

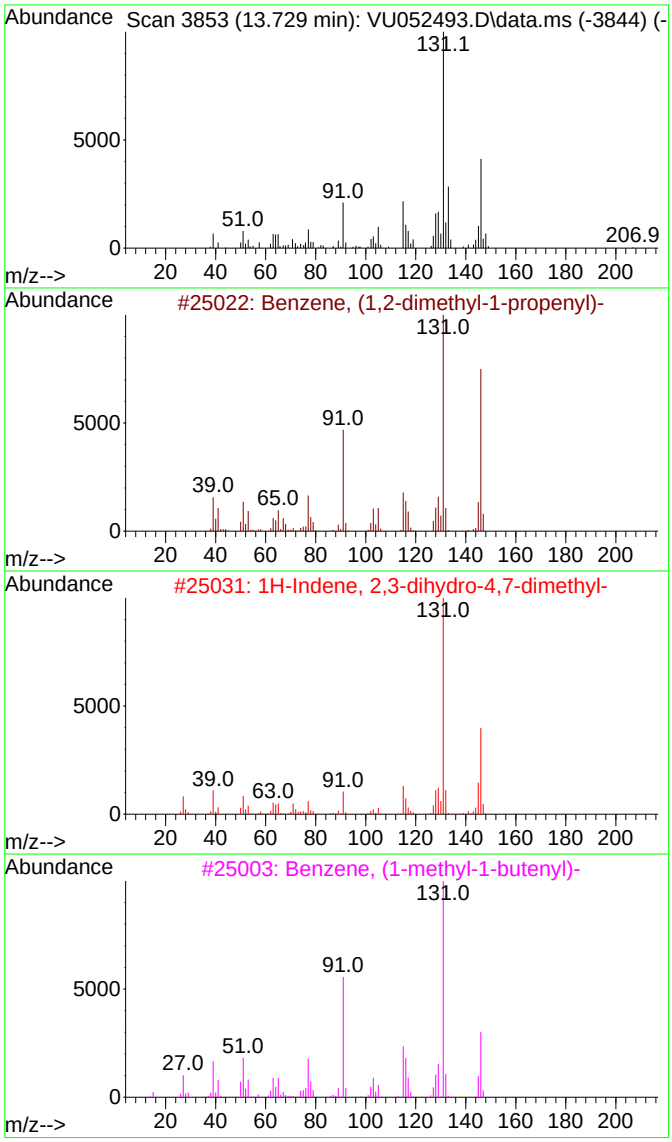
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

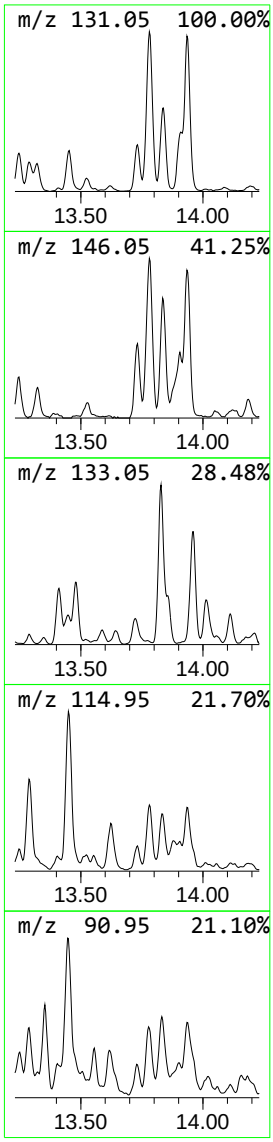
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.729	0.95 ug/L	120654	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87





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Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

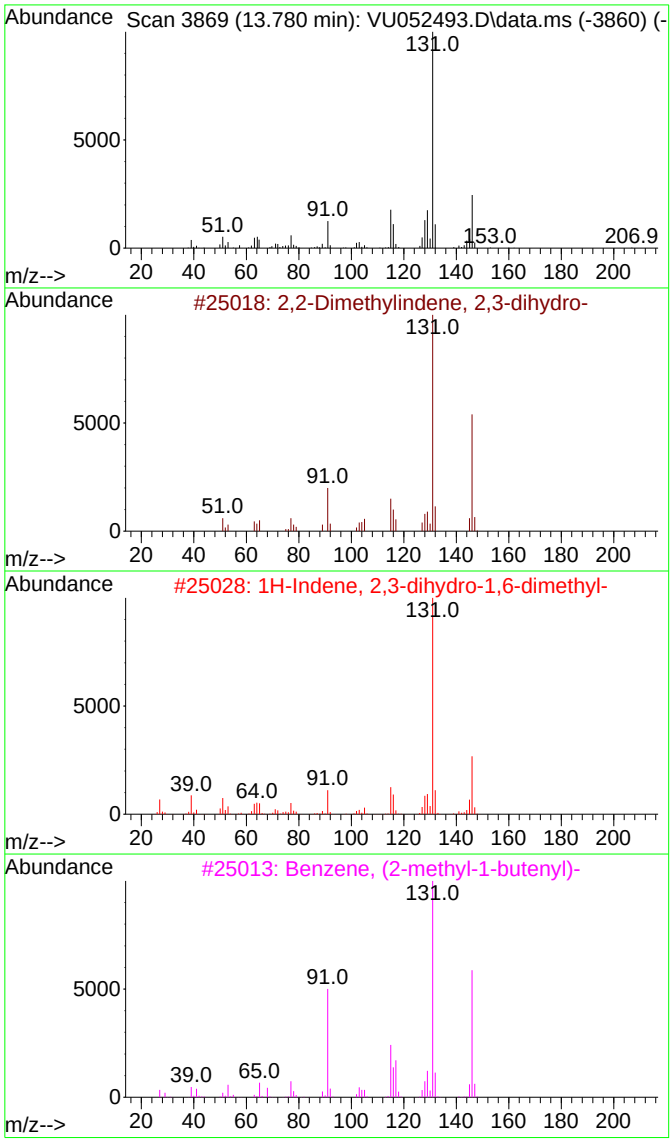
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

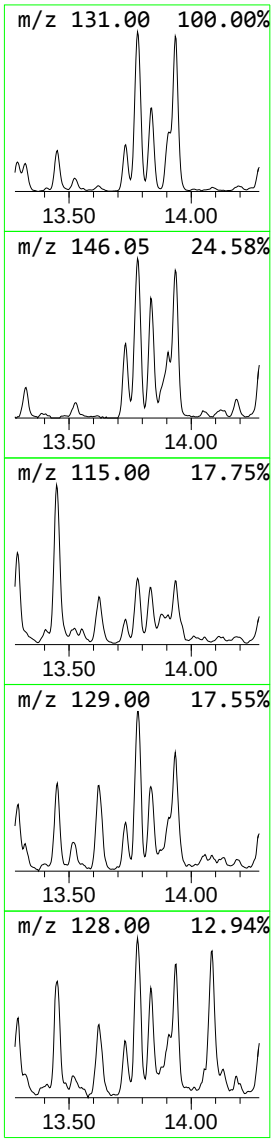
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 2,2-Dimethylindene, 2,3-dih... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.05 ug/L	261485	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

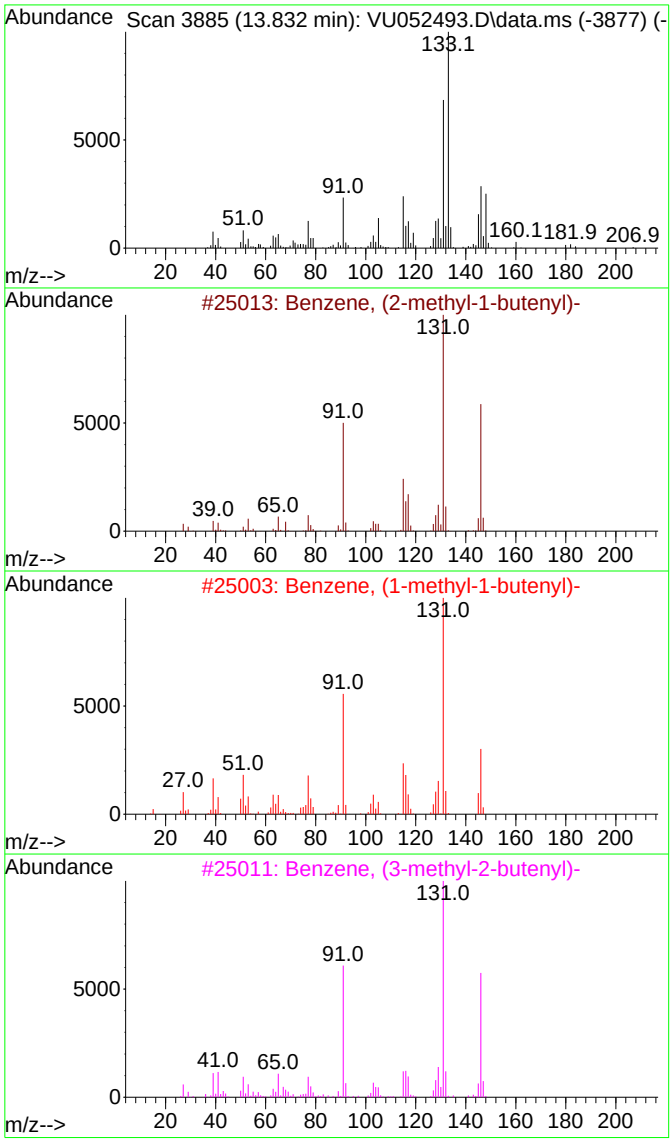
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

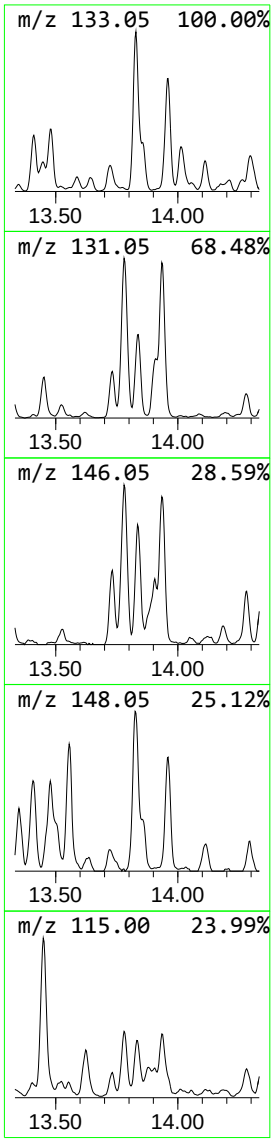
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, (2-methyl-1-butenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.832	2.24 ug/L	285162	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	84
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

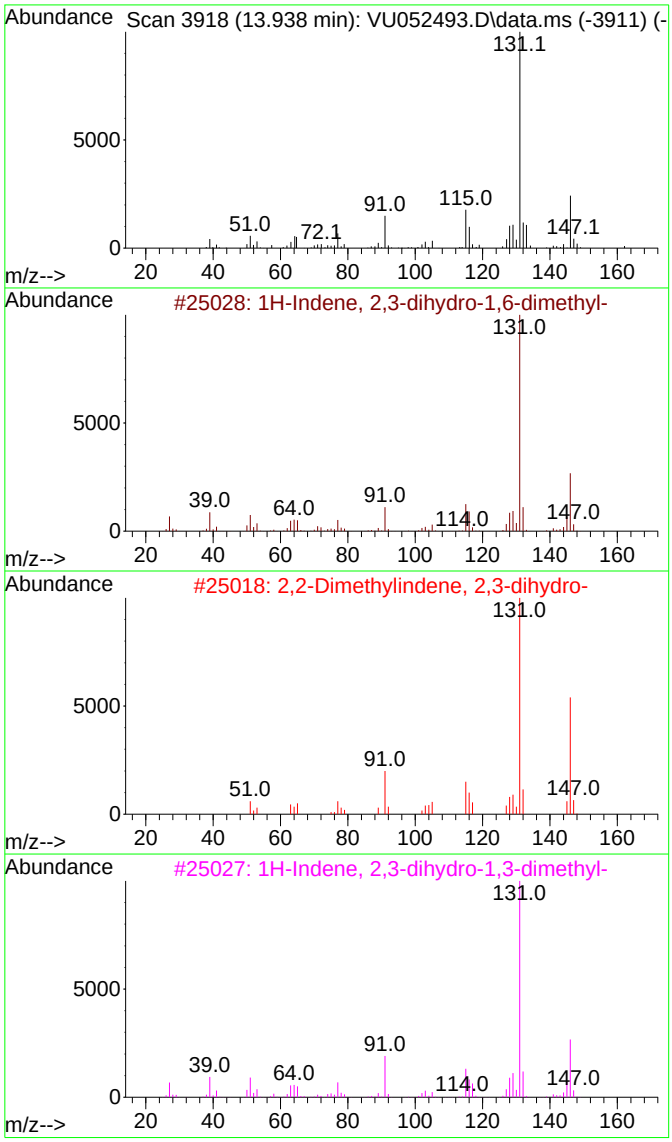
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

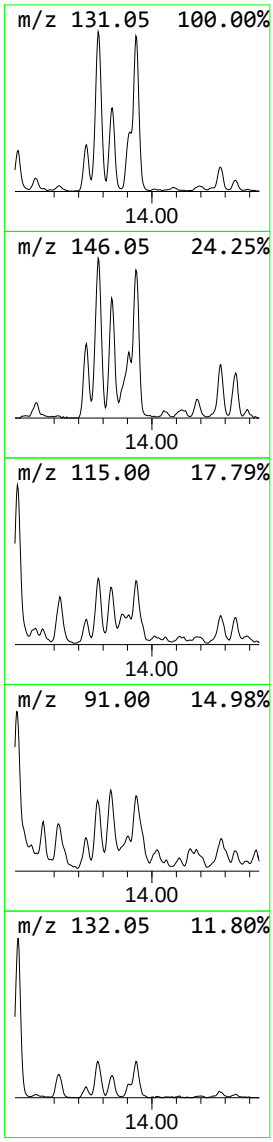
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	2.86 ug/L	364247	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

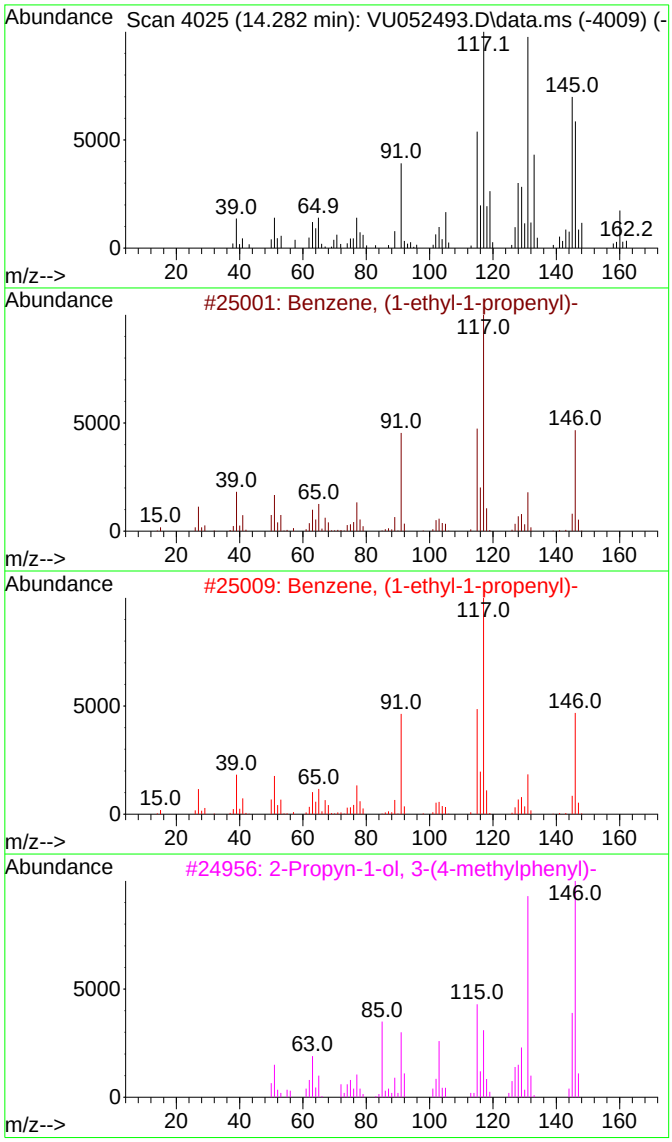
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

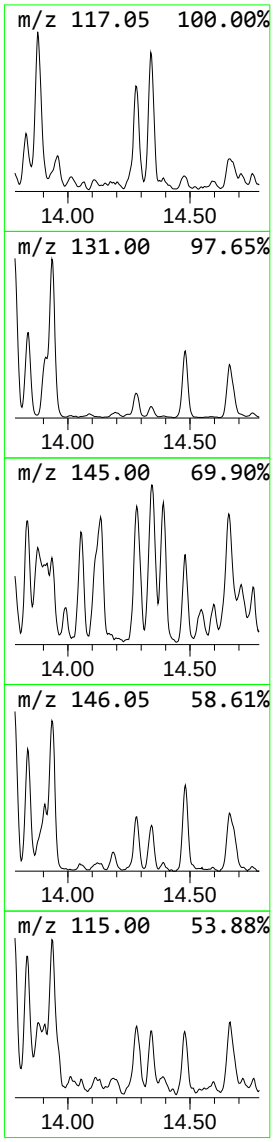
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.282	1.47 ug/L	186917	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	83
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	46
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	45
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

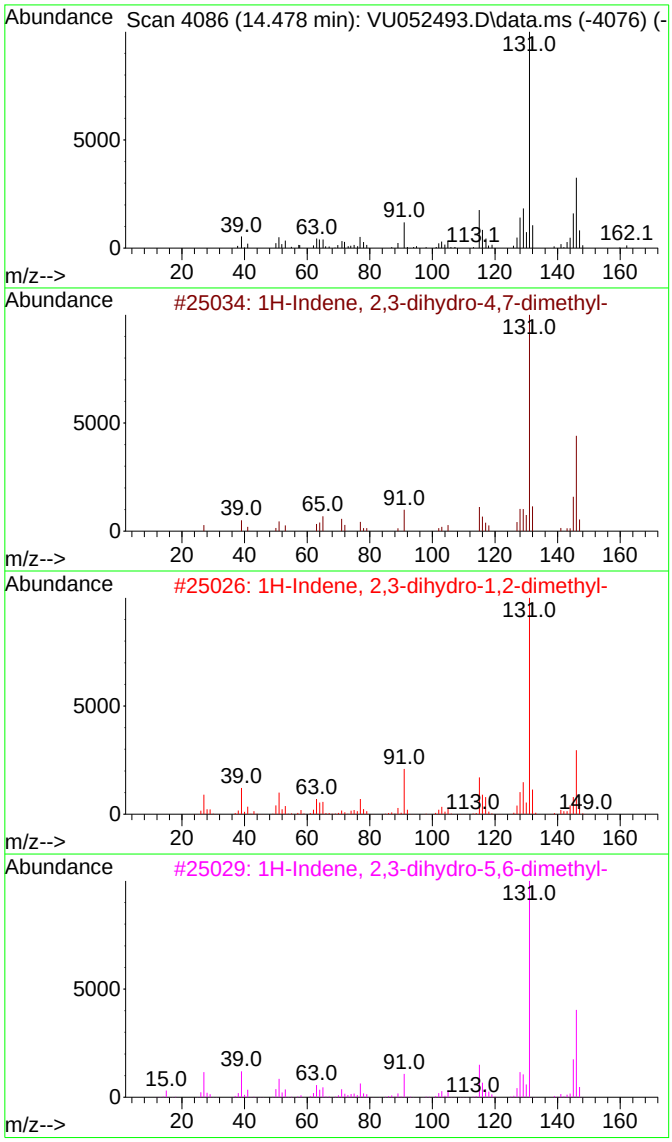
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

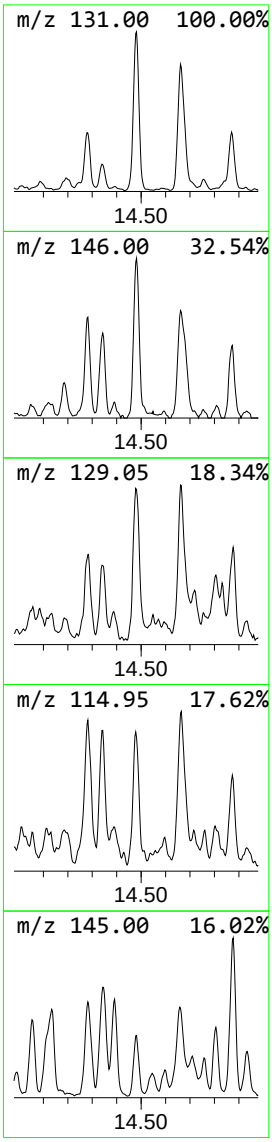
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.478	1.08 ug/L	137495	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

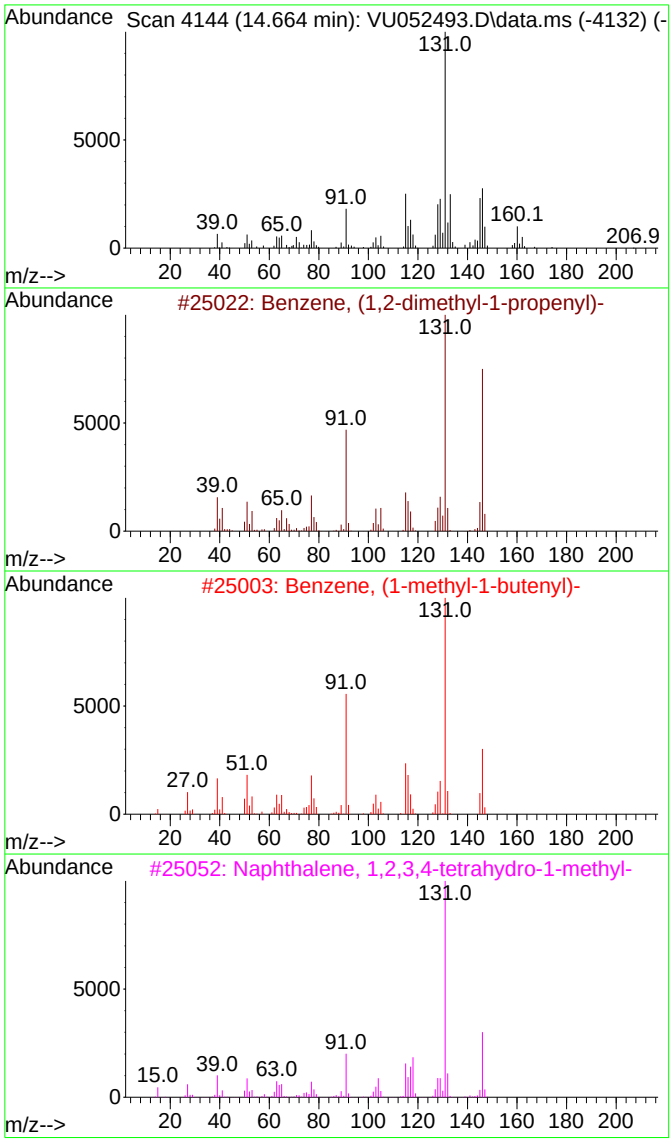
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

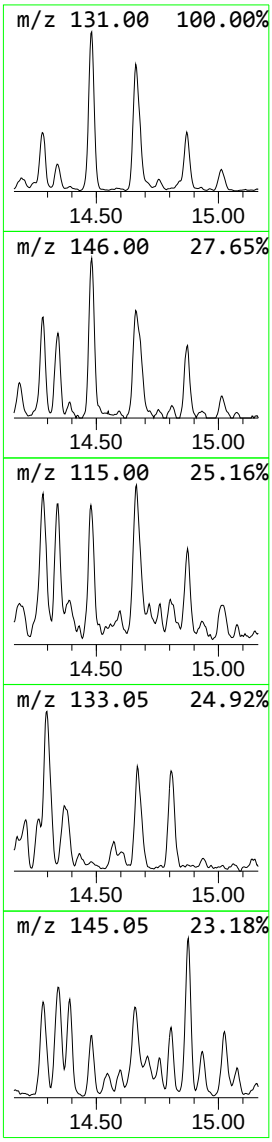
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 Benzene, (1-methyl-1-butenyl)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.664	1.55 ug/L	197289	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	53
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052493.D
Acq On : 22 Dec 2022 15:52
Operator : JC/MD
Sample : N6188-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.359	2.6	ug/L	259126	1	6.247	489524	5.0
(DEL) Alkane: S...	1.996	2.3	ug/L	223455	1	6.247	489524	5.0
(DEL) Alkane: S...	2.205	2.7	ug/L	266390	1	6.247	489524	5.0
(DEL) Alkane: S...	3.083	4.9	ug/L	483227	1	6.247	489524	5.0
(DEL) Alkane: S...	3.697	5.1	ug/L	501003	1	6.247	489524	5.0
(DEL) Alkane: S...	4.430	0.7	ug/L	67137	1	6.247	489524	5.0
(DEL) Alkane: C...	4.530	5.3	ug/L	515884	1	6.247	489524	5.0
(DEL) Alkane: S...	5.459	3.0	ug/L	294769	1	6.247	489524	5.0
(DEL) Alkane: S...	5.591	7.9	ug/L	777357	1	6.247	489524	5.0
(DEL) Alkane: C...	5.848	4.7	ug/L	458345	1	6.247	489524	5.0
(DEL) Alkane: C...	5.916	4.2	ug/L	411489	1	6.247	489524	5.0
(DEL) Alkane: C...	5.986	7.1	ug/L	697727	1	6.247	489524	5.0
(DEL) Alkane: S...	6.131	6.7	ug/L	660256	1	6.247	489524	5.0
(DEL) Alkane: S...	6.864	1.6	ug/L	157681	1	6.247	489524	5.0
(DEL) Alkane: C...	6.977	2.8	ug/L	271990	1	6.247	489524	5.0
(DEL) Alkane: C...	7.070	4.2	ug/L	413715	1	6.247	489524	5.0
(DEL) Alkane: C...	7.234	5.8	ug/L	571133	1	6.247	489524	5.0
Cyclopentene, 1...	7.395	2.0	ug/L	193812	1	6.247	489524	5.0
(DEL) Alkane: S...	7.494	4.7	ug/L	455131	1	6.247	489524	5.0
(DEL) Alkane: S...	7.536	3.4	ug/L	335458	1	6.247	489524	5.0
(DEL) Alkane: S...	7.655	3.5	ug/L	342473	1	6.247	489524	5.0
Cyclohexene, 4-...	7.758	2.7	ug/L	267305	1	6.247	489524	5.0
(DEL) Alkane: C...	8.022	2.9	ug/L	327102	2	9.414	556969	5.0
(DEL) Alkane: C...	8.092	1.6	ug/L	174272	2	9.414	556969	5.0
(DEL) Alkane: S...	8.124	1.8	ug/L	194905	2	9.414	556969	5.0
(DEL) Alkane: C...	8.240	7.3	ug/L	813105	2	9.414	556969	5.0
(DEL) Alkane: C...	8.366	3.2	ug/L	359930	2	9.414	556969	5.0
1,3-Dimethyl-1-...	8.407	1.7	ug/L	186282	2	9.414	556969	5.0
(DEL) Alkane: C...	8.472	0.6	ug/L	66386	2	9.414	556969	5.0
(DEL) Alkane: S...	8.751	0.9	ug/L	96816	2	9.414	556969	5.0
1H-Imidazole, 2...	8.803	2.7	ug/L	302972	2	9.414	556969	5.0
(DEL) Alkane: C...	8.861	6.1	ug/L	677426	2	9.414	556969	5.0
(DEL) Alkane: C...	8.922	6.3	ug/L	703513	2	9.414	556969	5.0
(DEL) Alkane: S...	9.067	3.1	ug/L	348398	2	9.414	556969	5.0
(DEL) Alkane: S...	9.118	1.2	ug/L	133852	2	9.414	556969	5.0
(DEL) Alkane: C...	9.163	3.0	ug/L	334882	2	9.414	556969	5.0
(DEL) Alkane: S...	9.208	2.6	ug/L	293461	2	9.414	556969	5.0
(DEL) Alkane: S...	9.330	3.9	ug/L	434591	2	9.414	556969	5.0
Pentalene, octa...	9.507	0.8	ug/L	87665	2	9.414	556969	5.0
(DEL) Alkane: C...	9.755	3.2	ug/L	356923	2	9.414	556969	5.0
1-Ethynylcyclop...	9.883	1.4	ug/L	152173	2	9.414	556969	5.0
(DEL) Alkane: C...	10.028	4.3	ug/L	482288	2	9.414	556969	5.0
1H-Indene, octa...	10.269	6.3	ug/L	701053	2	9.414	556969	5.0
(DEL) Alkane: C...	10.353	6.4	ug/L	714207	2	9.414	556969	5.0
Cyclopentene, 1...	10.694	0.9	ug/L	111955	3	11.806	637479	5.0
(DEL) Alkane: S...	10.806	1.8	ug/L	224885	3	11.806	637479	5.0
Benzene, propyl-	10.899	1.9	ug/L	243802	3	11.806	637479	5.0
Benzene, 1-ethy...	11.018	1.2	ug/L	151884	3	11.806	637479	5.0
Pentalene, octa...	11.295	1.4	ug/L	173796	3	11.806	637479	5.0
Cyclohexane, 2-...	11.710	1.0	ug/L	122218	3	11.806	637479	5.0
Benzene, 1,2-di...	12.092	2.6	ug/L	334341	3	11.806	637479	5.0
Benzene, 1-meth...	12.375	0.8	ug/L	103528	3	11.806	637479	5.0

o-Cymene	12.462	0.8	ug/L	102799	3	11.806	637479	5.0
Benzene, 4-ethy...	12.565	3.7	ug/L	468935	3	11.806	637479	5.0
1-Phenyl-1-butene	12.607	0.6	ug/L	81146	3	11.806	637479	5.0
Indan, 1-methyl-	12.677	4.0	ug/L	510996	3	11.806	637479	5.0
Benzene, 1,2,4,...	12.967	2.1	ug/L	273974	3	11.806	637479	5.0
Benzene, 2-ethy...	13.105	2.0	ug/L	261253	3	11.806	637479	5.0
Benzene, (1-met...	13.288	1.6	ug/L	210310	3	11.806	637479	5.0
1H-Indene, 2,3-...	13.449	5.1	ug/L	653487	3	11.806	637479	5.0
Benzene,1-methy...	13.623	1.6	ug/L	197409	3	11.806	637479	5.0
Benzene, (1,2-d...	13.729	0.9	ug/L	120654	3	11.806	637479	5.0
2,2-Dimethylind...	13.780	2.0	ug/L	261485	3	11.806	637479	5.0
Benzene, (2-met...	13.832	2.2	ug/L	285162	3	11.806	637479	5.0
1H-Indene, 2,3-...	13.938	2.9	ug/L	364247	3	11.806	637479	5.0
Benzene, (1-eth...	14.282	1.5	ug/L	186917	3	11.806	637479	5.0
1H-Indene, 2,3-...	14.478	1.1	ug/L	137495	3	11.806	637479	5.0
Benzene, (1-met...	14.664	1.6	ug/L	197289	3	11.806	637479	5.0

Instrument :
MSVOA_U
ClientSampleId :
GBQA5