LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

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: VU052518.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	23	rVB	869423	788106	25.53%	1.725%
2	1.591	69	78	94	rBV3	445426	751519	24.34%	1.645%
3	1.912	165	178	193	rBV2	117620	176331	5.71%	0.386%
4	1.996	195	204	217	rVB	199050	275641	8.93%	0.603%
5	2.157	245	254	261	rBV	120513	167110	5.41%	0.366%
6	2.205	261	269	289	rVB3	271409	473370	15.33%	1.036%
7	2.568	367	382	398	rBV	176082	310445	10.05%	0.680%
8	3.047	519	531	532	rVV3	69516	113053	3.66%	0.248%
9	3.083	533	542	553	rVV	275291	581754	18.84%	1.274%
10	3.137	554	559	582	rVB3	48527	103752	3.36%	0.227%
11	3.359	611	628	648	rBV2	255126	573160	18.56%	1.255%
12	3.581	680	697	716	rBV5	58937	151620	4.91%	0.332%
13	3.697	716	733	758	rVB	383488	860083	27.86%	1.883%
14	3.977	808	820	837	rVB	39840	95953	3.11%	0.210%
15	4.530	975	992	1009	rVV	337045	817755	26.49%	1.790%
16	4.652	1009	1030	1071	rVB2	216358	860142	27.86%	1.883%
17	5.060	1143	1157	1173	rBV	157193	368027	11.92%	0.806%
18	5.176	1184	1193	1209	rVB	67133	135757	4.40%	0.297%
19	5.378	1238	1256	1270	rBV7	456862	1261577	40.86%	2.762%
20	5.459	1271	1281	1305	rVB2	137578	361672	11.71%	0.792%
21	5.591	1305	1322	1333	rBV	390884	883700	28.62%	1.935%
22	5.722	1346	1363	1388	rVB2	333185	867801	28.11%	1.900%
23	5.848	1388	1402	1412	rVV2	273339	587431	19.03%	1.286%
24	5.919	1412	1424	1433	rVV2	238099	579095	18.76%	1.268%
25	5.986	1433	1445	1474	rVB	403242	961609	31.14%	2.105%
26	6.131	1474	1490	1513	rBV	732527	1377258	44.61%	3.015%
27	6.247	1513	1526	1534	rBV	276596	535589	17.35%	1.173%
28	6.292	1535	1540	1565	rVB2	131657	345978	11.21%	0.757%
29	6.565	1606	1625	1649	rBV8	68794	215823	6.99%	0.472%
30	6.687	1649	1663	1670	rBV	223590	434922	14.09%	0.952%
31	6.758	1670	1685	1708	rVV2	1269127	3087528	100.00%	6.759%
32	6.864	1709	1718	1733	rVB2	81694	156040	5.05%	0.342%
33	6.980	1741	1754	1766	rBV	200902	362432	11.74%	0.793%
34	7.070	1766	1782	1796	rVB	211861	418707	13.56%	0.917%
35	7.234	1822	1833	1853	rVB3	274782	618417	20.03%	1.354%
36	7.394	1870	1883	1889	rBV	149363	306954	9.94%	0.672%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
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Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

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	7.494	1905	1914	1922	rBV	338604	524695	16.99%	1.149%
38	7.655	1956	1964	1973	rBV	223574	335331	10.86%	0.734%
39	7.758	1984	1996	2011	rVB6	172479	366118	11.86%	0.802%
40	7.854	2011	2026	2032	rBV2	613803	1197144	38.77%	2.621%
41	7.893	2032	2038	2051	rVB2	589193	1003692	32.51%	2.197%
42	8.021	2068	2078	2086	rBV5	157613	374397	12.13%	0.820%
43	8.095	2095	2101	2104	rBV2	113600	147498	4.78%	0.323%
44	8.127	2105	2111	2120	rVB	374482	543252	17.60%	1.189%
45	8.240	2134	2146	2161	rVB4	420937	873814	28.30%	1.913%
46	8.365	2173	2185	2192	rVV2	208284	383321	12.42%	0.839%
47	8.407	2192	2198	2211	rVB2	124630	240391	7.79%	0.526%
48	8.536	2231	2238	2249	rVB5	43672	78944	2.56%	0.173%
49	8.632	2249	2268	2282	rBV	897980	1752106	56.75%	3.836%
50	8.803	2311	2321	2330	rVB5	183290	313723	10.16%	0.687%
51	8.861	2330	2339	2349	rBV	480442	772099	25.01%	1.690%
52	8.922	2349	2358	2368	rVV	377931	614055	19.89%	1.344%
53	9.066	2390	2403	2412	rBV6	165185	341090	11.05%	0.747%
54	9.118	2412	2419	2425	rVV	73383	107652	3.49%	0.236%
55	9.163	2425	2433	2440	rVV3	162000	288179	9.33%	0.631%
56	9.208	2441	2447	2457	rVB3	147634	239865	7.77%	0.525%
57	9.330	2470	2485	2500	rVB	210151	401264	13.00%	0.878%
58	9.414	2500	2511	2520	rBV	376321	618641	20.04%	1.354%
59	9.507	2535	2540	2548	rVB	68500	96112	3.11%	0.210%
60	9.565	2549	2558	2571	rVB	367806	615149	19.92%	1.347%
61	9.693	2592	2598	2610	rVB4	184031	406274	13.16%	0.889%
62	9.883	2645	2657	2670	rBV5	60043	137649	4.46%	0.301%
63	10.031	2688	2703	2712	rBV3	185279	435084	14.09%	0.953%
64	10.269	2756	2777	2793	rBV5	220938	604605	19.58%	1.324%
65	10.356	2794	2804	2824	rVB6	243376	604162	19.57%	1.323%
66	10.478	2832	2842	2851	rBV	109338	185192	6.00%	0.405%
67	10.693	2902	2909	2917	rVB4	67898	100063	3.24%	0.219%
68	10.751	2918	2927	2937	rBV	222234	375372	12.16%	0.822%
69	10.806	2937	2944	2961	rVB7	104331	188096	6.09%	0.412%
70	10.902	2963	2974	2983	rBV	236131	386568	12.52%	0.846%
71	11.018	3000	3010	3018	rBV	210597	333271	10.79%	0.730%
72	11.288	3084	3094	3113	rVB2	179339	344862	11.17%	0.755%
73	11.465	3140	3149	3161	rVV	64280	121538	3.94%	0.266%
74	11.709	3215	3225	3229	rBV2	54408	85527	2.77%	0.187%
75	11.806	3243	3255	3269	rBV2	424923	725123	23.49%	1.587%
76	11.889	3271	3281	3291	rVB	135186	210226	6.81%	0.460%

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Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

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

77	12.092	3333	3344	3362	rBV3	317042	582721	18.87%	1.276%
78	12.185	3362	3373	3390	rVB4	596077	1181217	38.26%	2.586%
79	12.372	3423	3431	3446	rVB	87050	144002	4.66%	0.315%
80	12.462	3449	3459	3476	rBV	104909	178712	5.79%	0.391%
81	12.568	3481	3492	3499	rBV	358025	541098	17.53%	1.185%
82	12.606	3500	3504	3515	rVB	86339	121671	3.94%	0.266%
83	12.677	3516	3526	3546	rBV3	315628	646447	20.94%	1.415%
84	12.970	3598	3617	3625	rBV	203175	348341	11.28%	0.763%
85	13.021	3626	3633	3648	rVB2	85703	162588	5.27%	0.356%
86	13.105	3649	3659	3673	rBV5	115270	273401	8.86%	0.599%
87	13.288	3708	3716	3724	rVV	214148	308560	9.99%	0.676%
88	13.404	3743	3752	3756	rBV4	58830	92850	3.01%	0.203%
89	13.449	3757	3766	3781	rVB3	494570	868280	28.12%	1.901%
90	13.555	3793	3799	3808	rVB	62272	79638	2.58%	0.174%
91	13.619	3811	3819	3841	rVB4	84949	180334	5.84%	0.395%
92	13.732	3843	3854	3860	rBV3	67860	113771	3.68%	0.249%
93	13.780	3860	3869	3877	rBV	150412	239701	7.76%	0.525%
94	13.831	3877	3885	3897	rBV5	143622	254650	8.25%	0.557%
95	13.938	3912	3918	3935	rVB2	158552	323791	10.49%	0.709%
96	14.282	4009	4025	4036	rBV5	67643	147211	4.77%	0.322%
97	14.343	4037	4044	4053	rVV2	49832	81194	2.63%	0.178%
98	14.481	4075	4087	4100	rBV	70689	119030	3.86%	0.261%
99	14.664	4133	4144	4167	rBV4	71041	170425	5.52%	0.373%
100	15.217	4302	4316	4327	rBV	43995	79243	2.57%	0.173%

Sum of corrected areas: 45677131

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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
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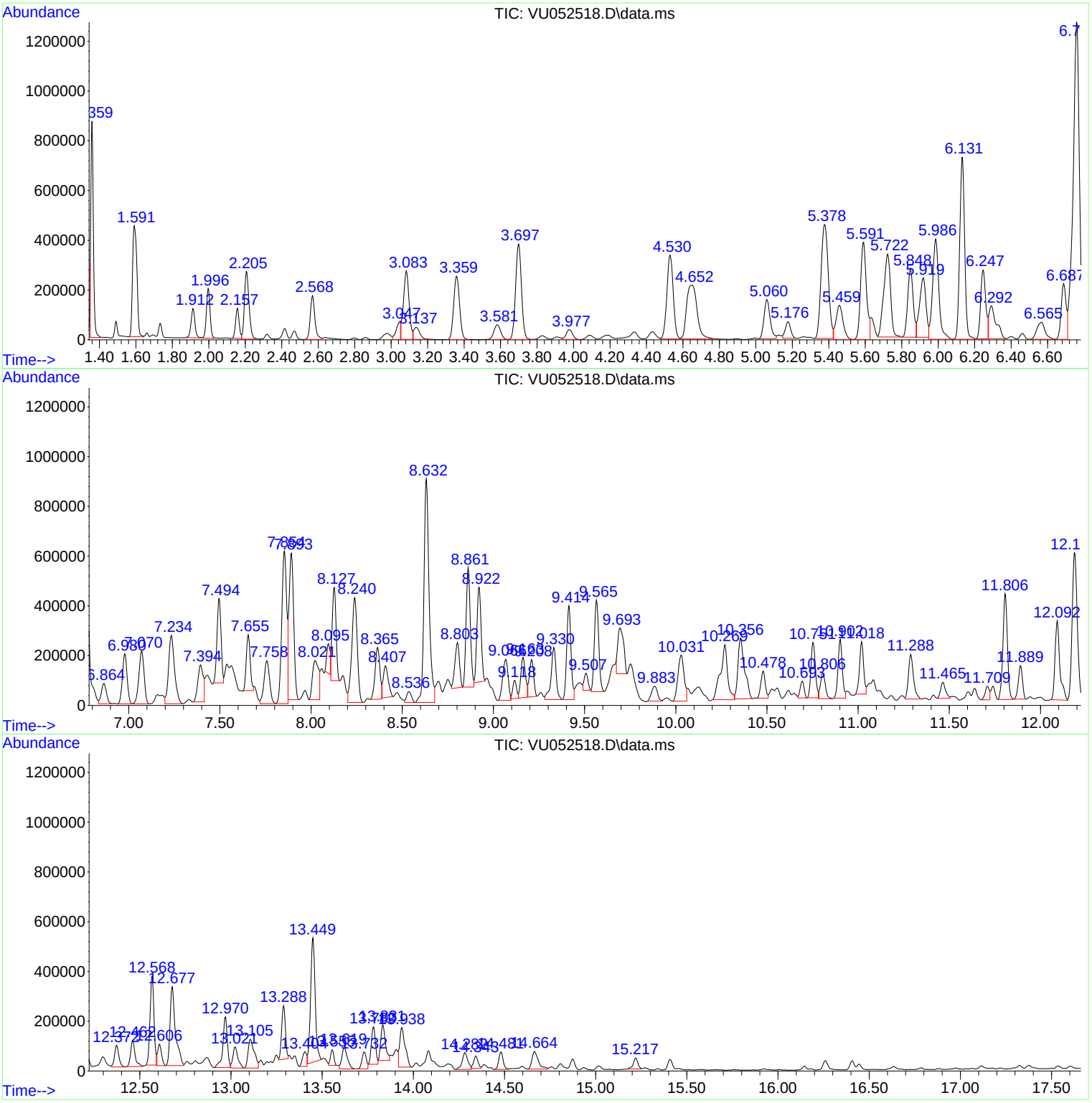
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

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 : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

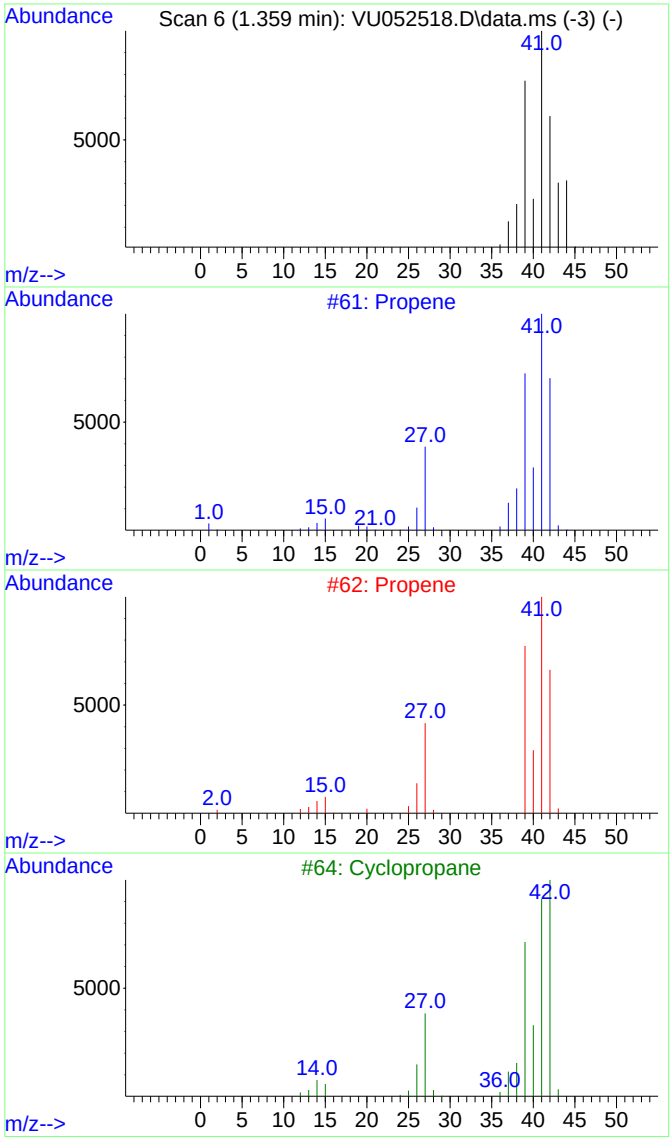
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

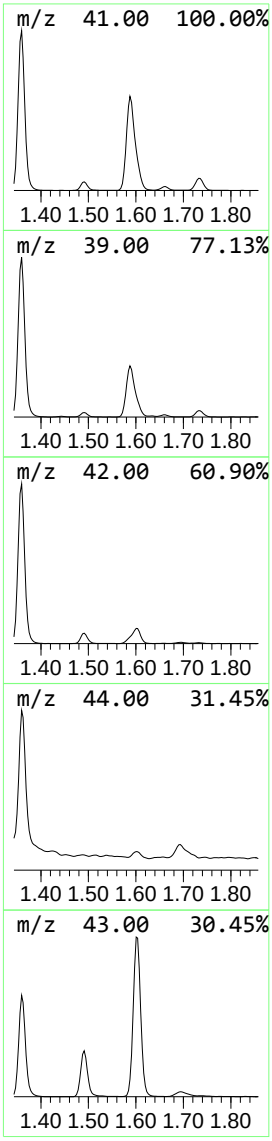
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	7.36 ug/L	788106	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 : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

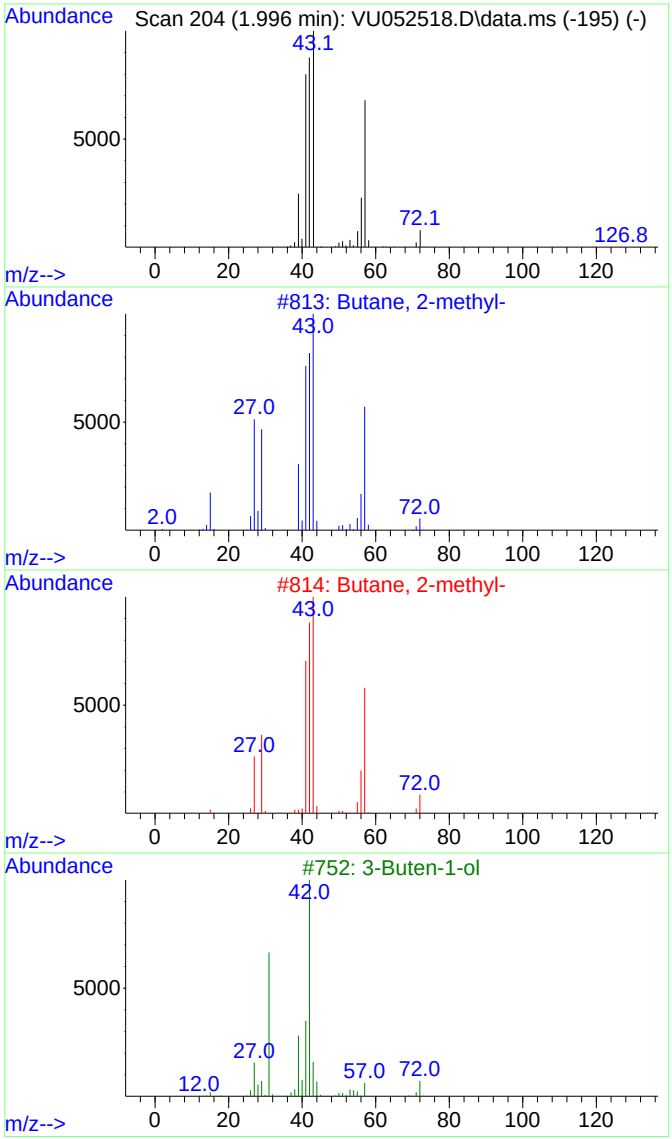
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

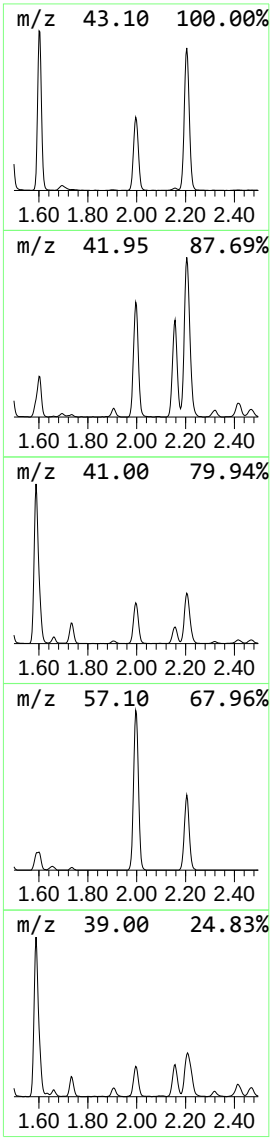
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	2.57 ug/L	275641	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	47
4	Pentane	72	C5H12	000109-66-0	39
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

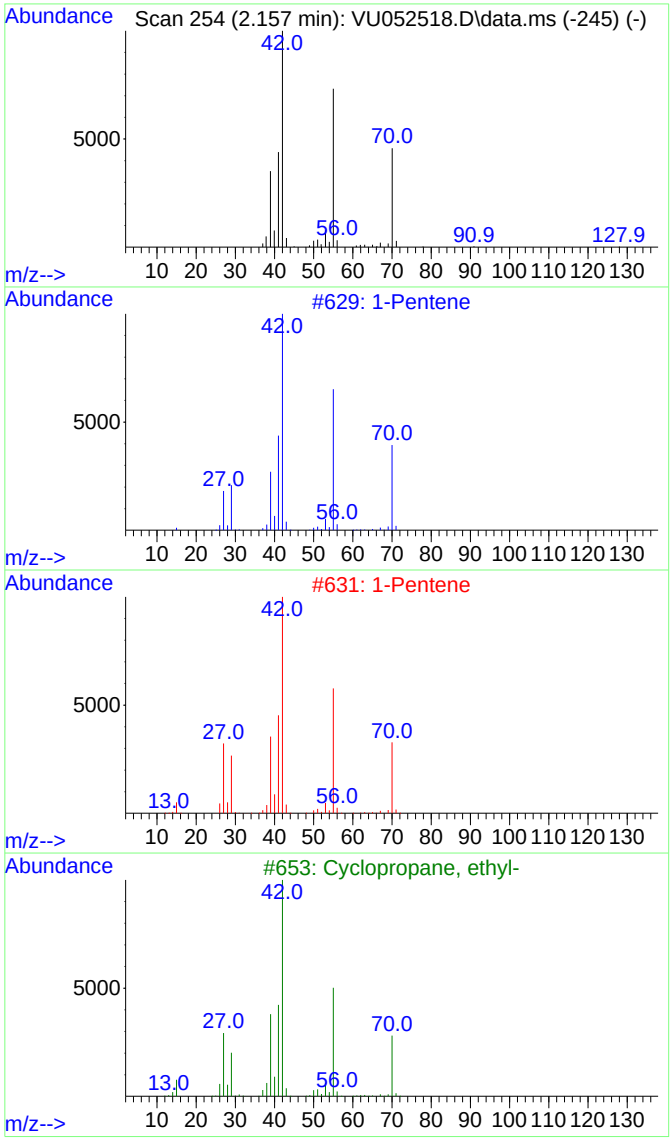
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

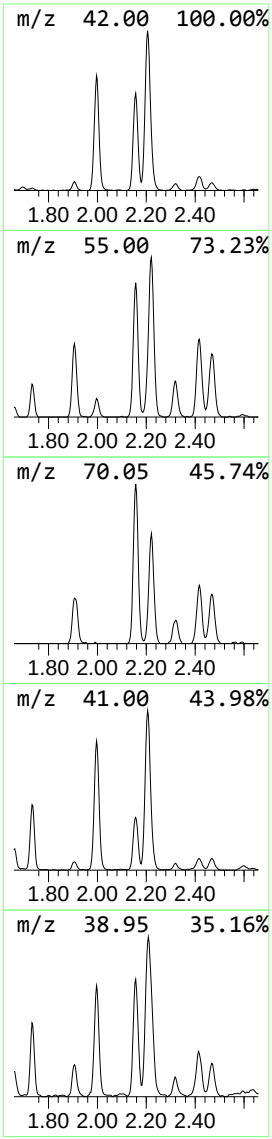
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	1.56 ug/L	167110	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	91
2	1-Pentene	70	C5H10	000109-67-1	91
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	91
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

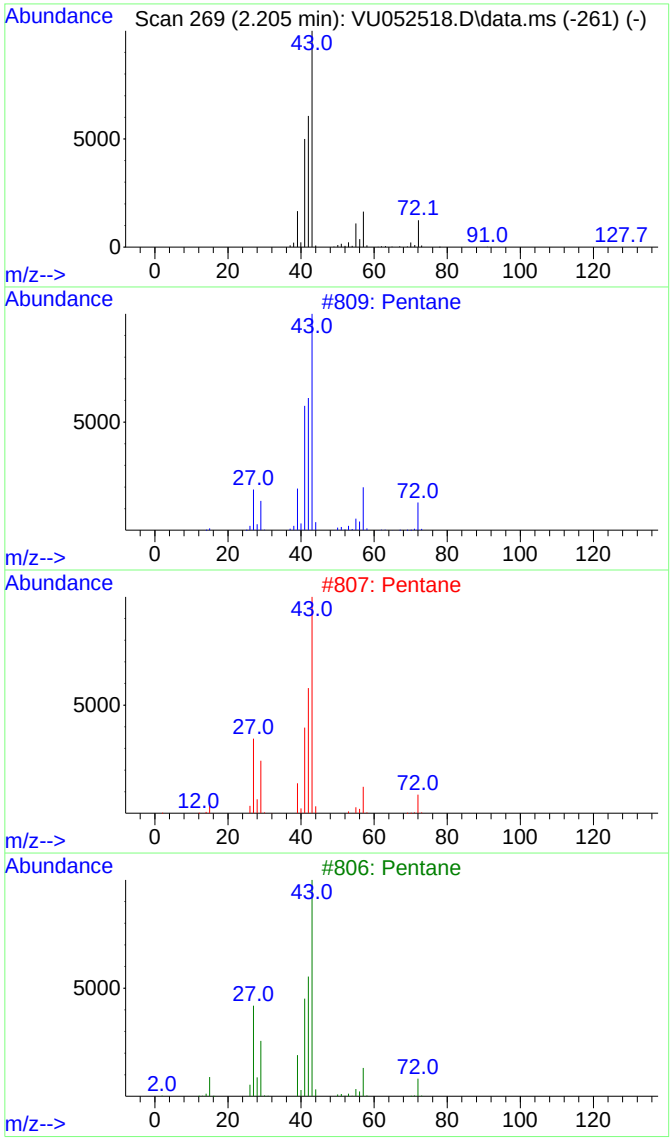
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

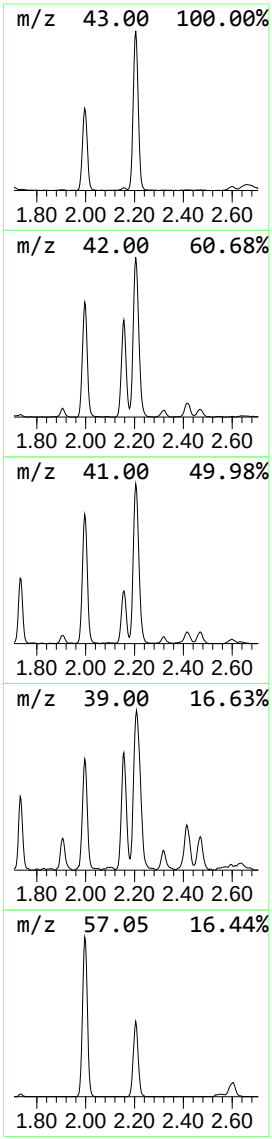
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	4.42 ug/L	473370	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	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

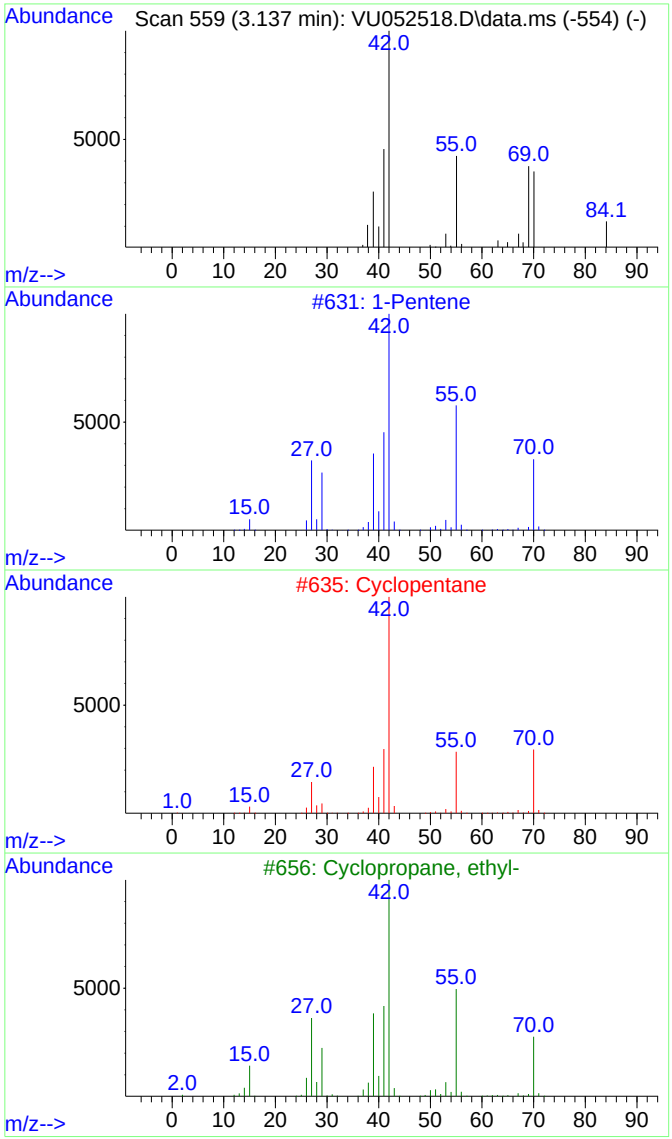
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

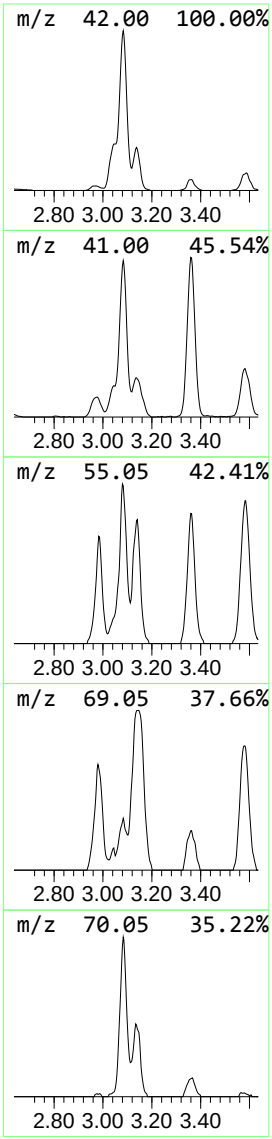
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.137	0.97 ug/L	103752	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	59
2	Cyclopentane	70	C5H10	000287-92-3	59
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	56
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	45
5	Cyclopentane	70	C5H10	000287-92-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

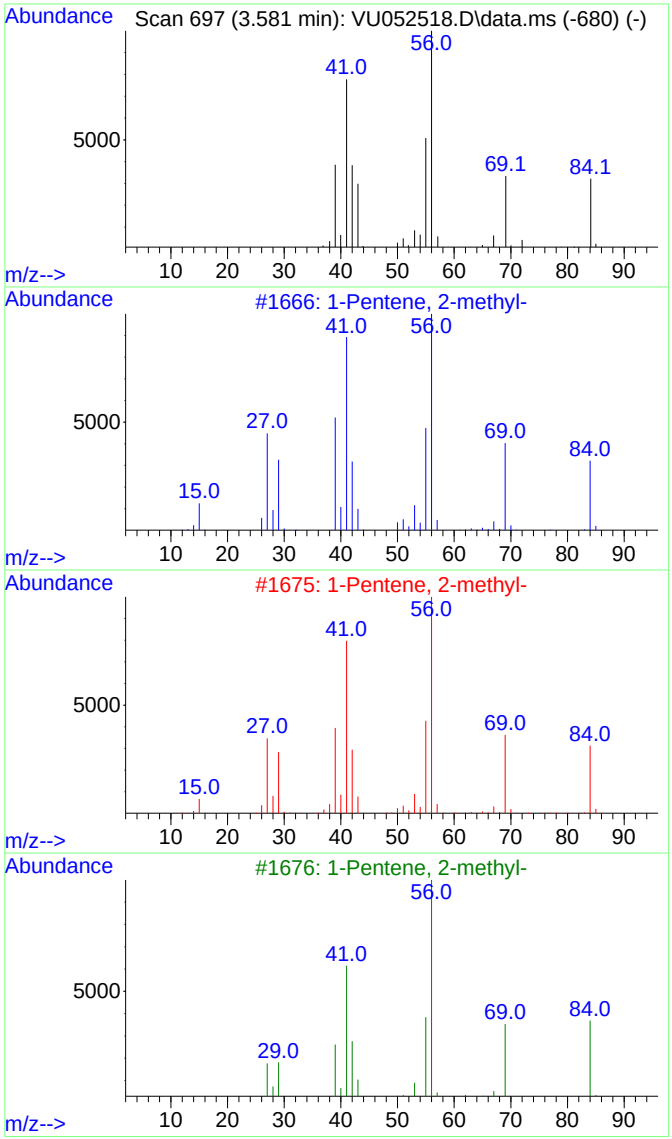
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

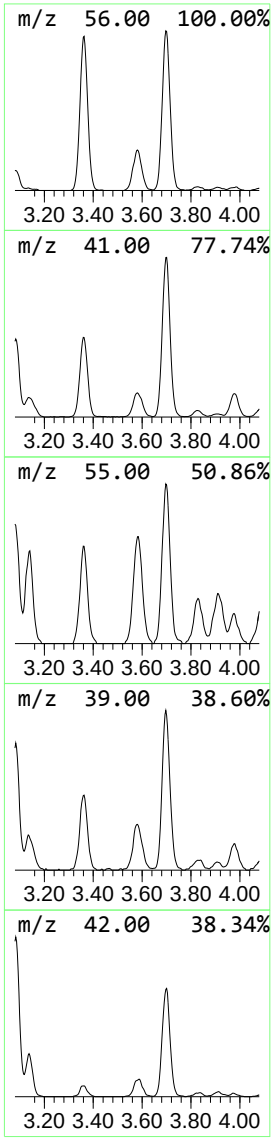
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.581	1.42 ug/L	151620	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	59





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

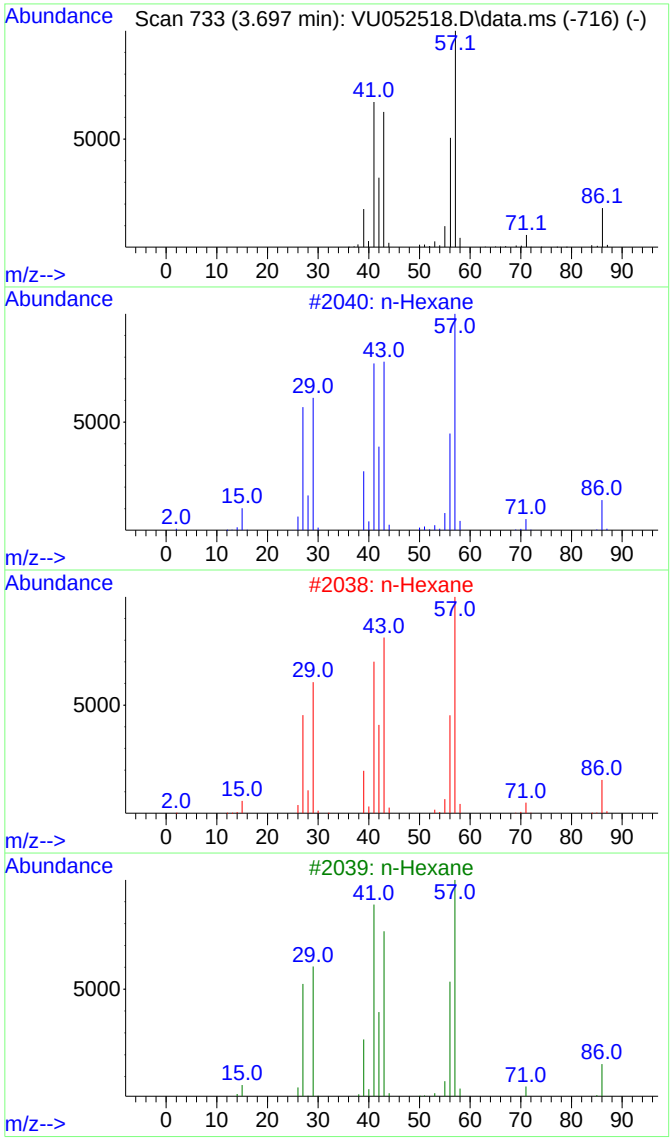
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

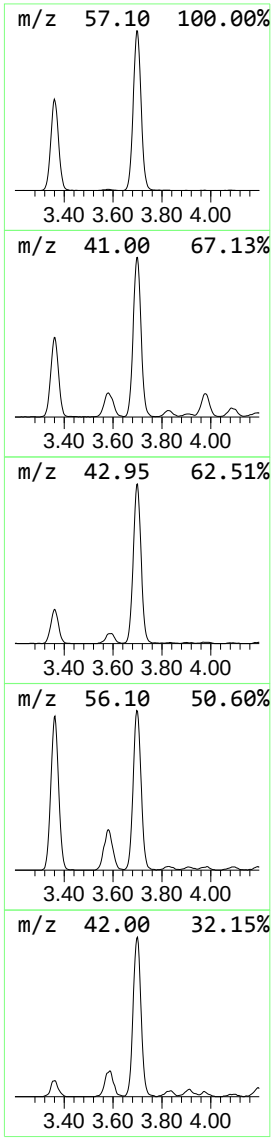
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	8.03 ug/L	860083	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	83
4	n-Hexane	86	C6H14	000110-54-3	64
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	56





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

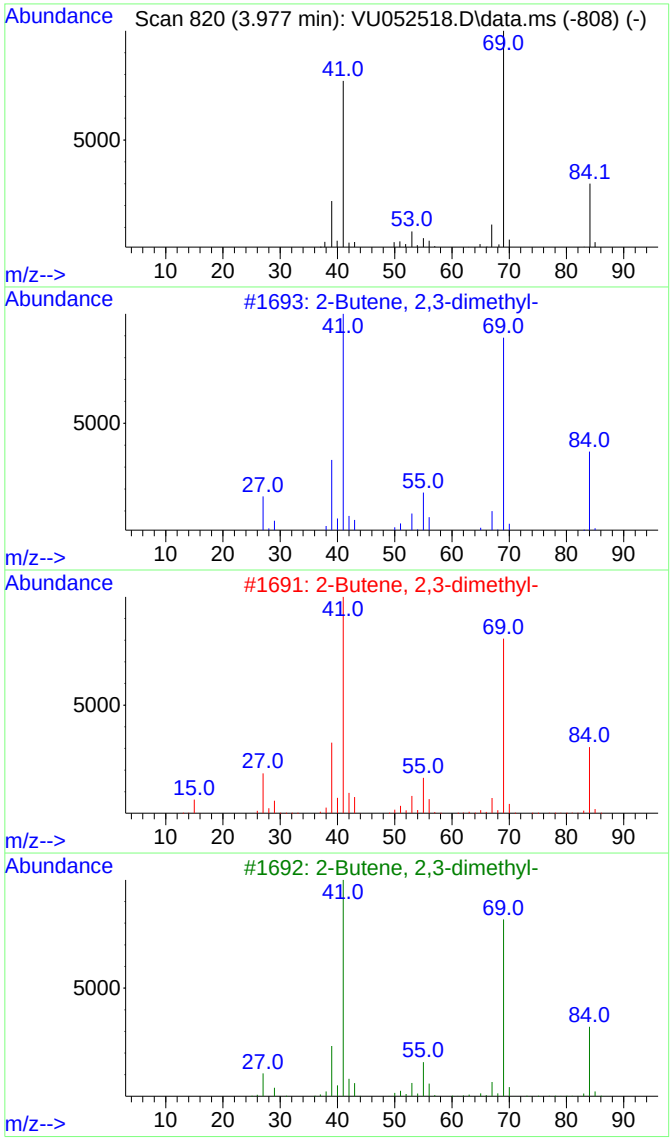
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

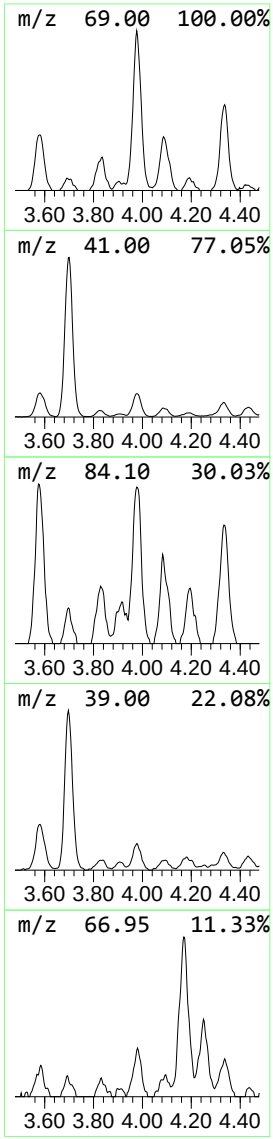
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.977	0.90 ug/L	95953	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	80
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	80





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

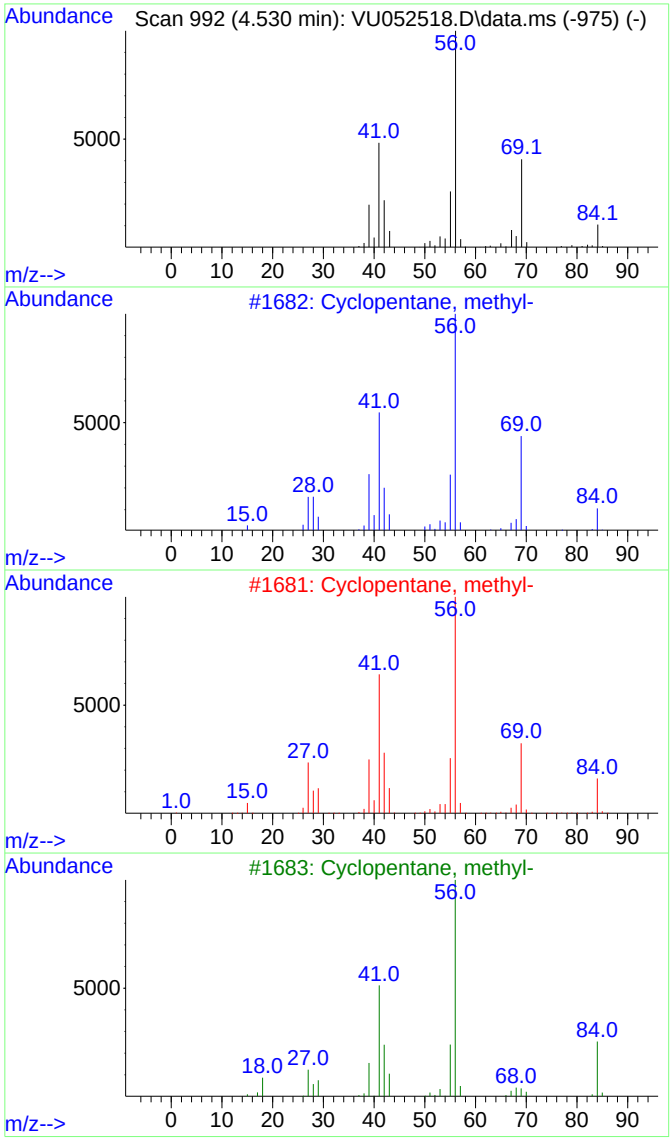
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

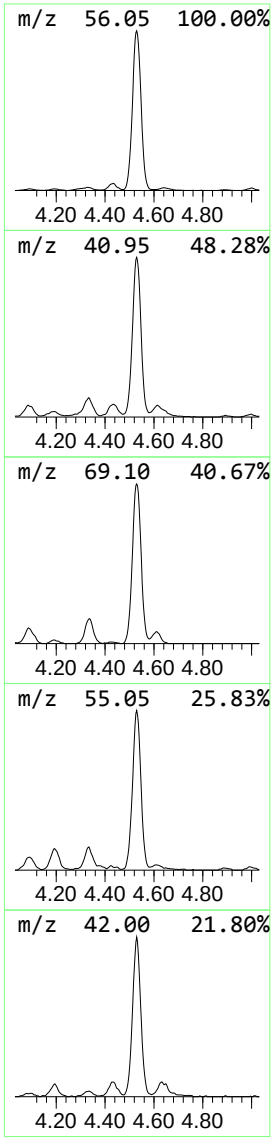
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic4.530 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	7.63 ug/L	817755	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	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclohexane	84	C6H12	000110-82-7	78





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

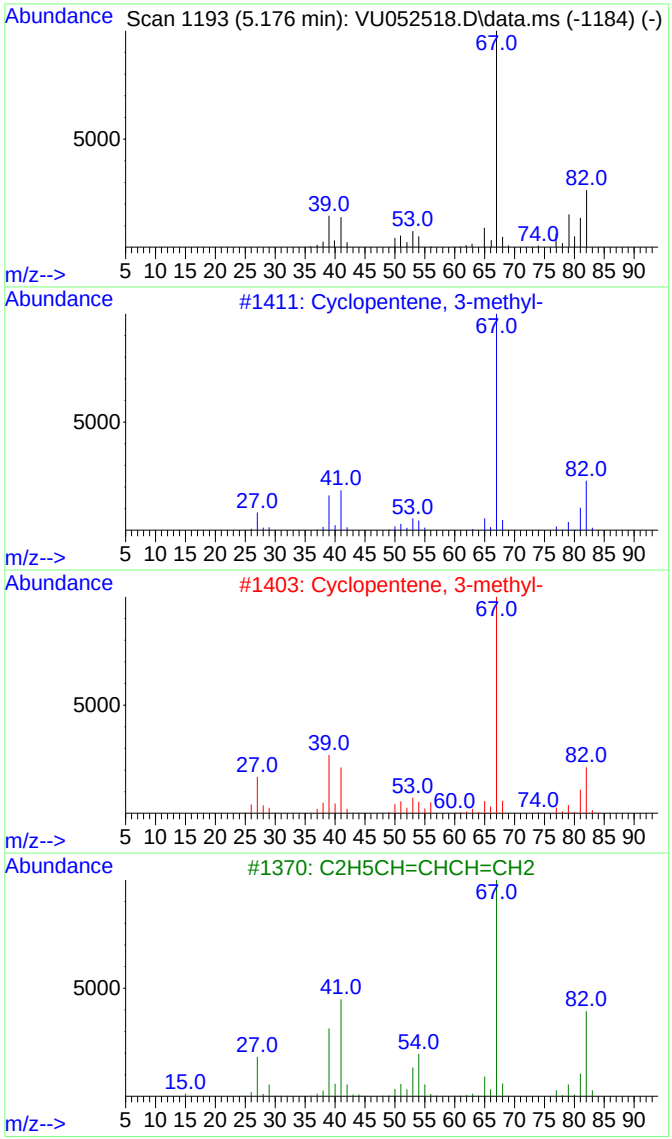
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

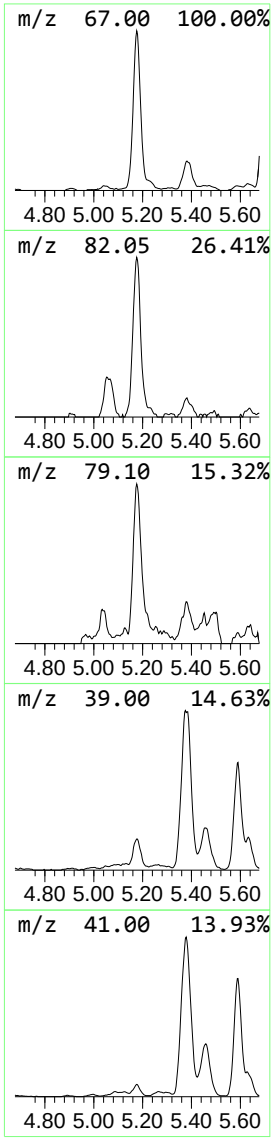
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentene, 3-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.176	1.27 ug/L	135757	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	80
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

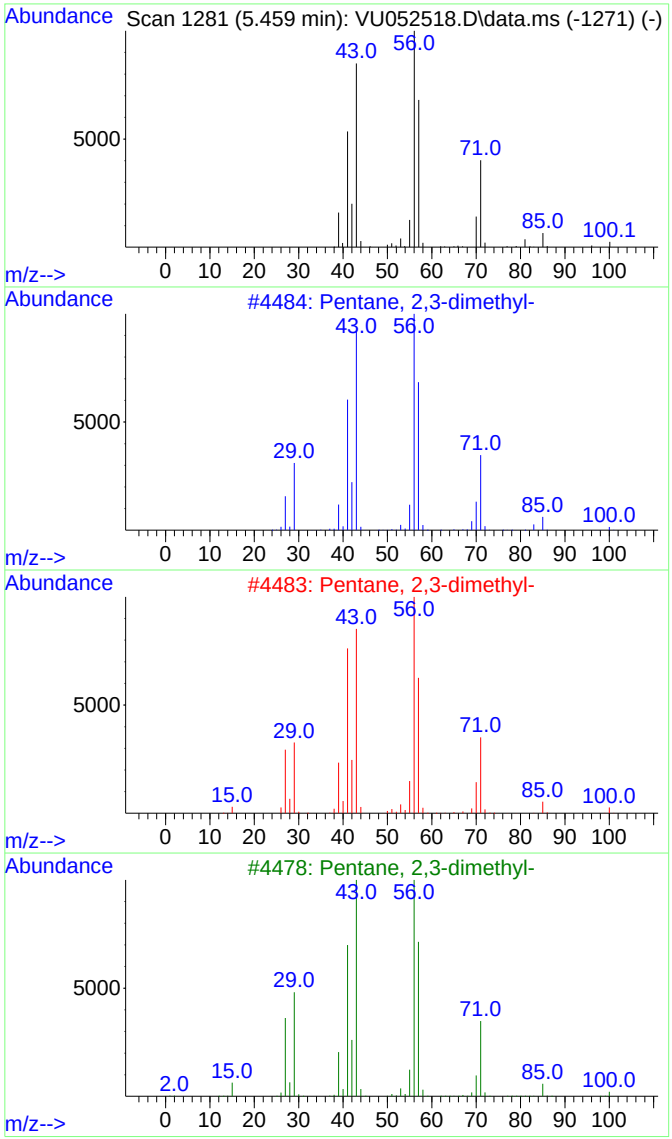
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

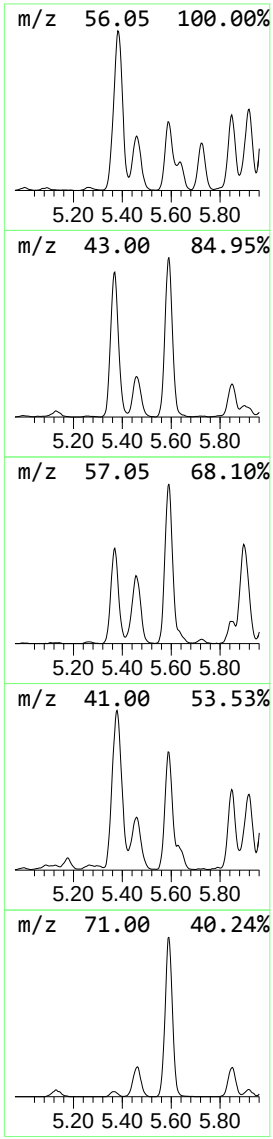
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	3.38 ug/L	361672	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
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	52
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

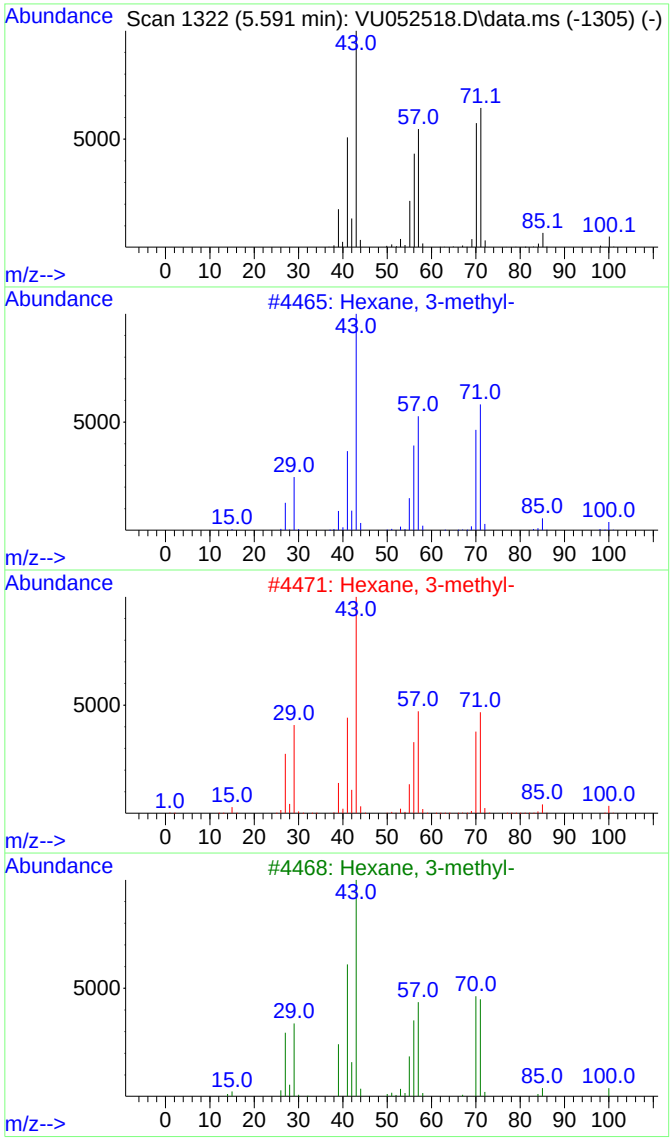
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

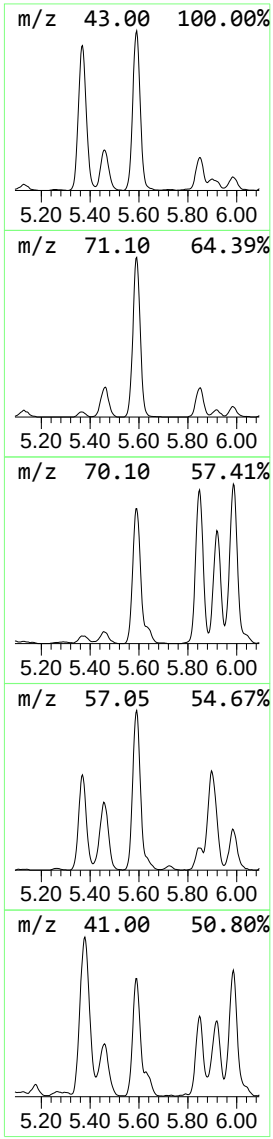
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	8.25 ug/L	883700	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	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

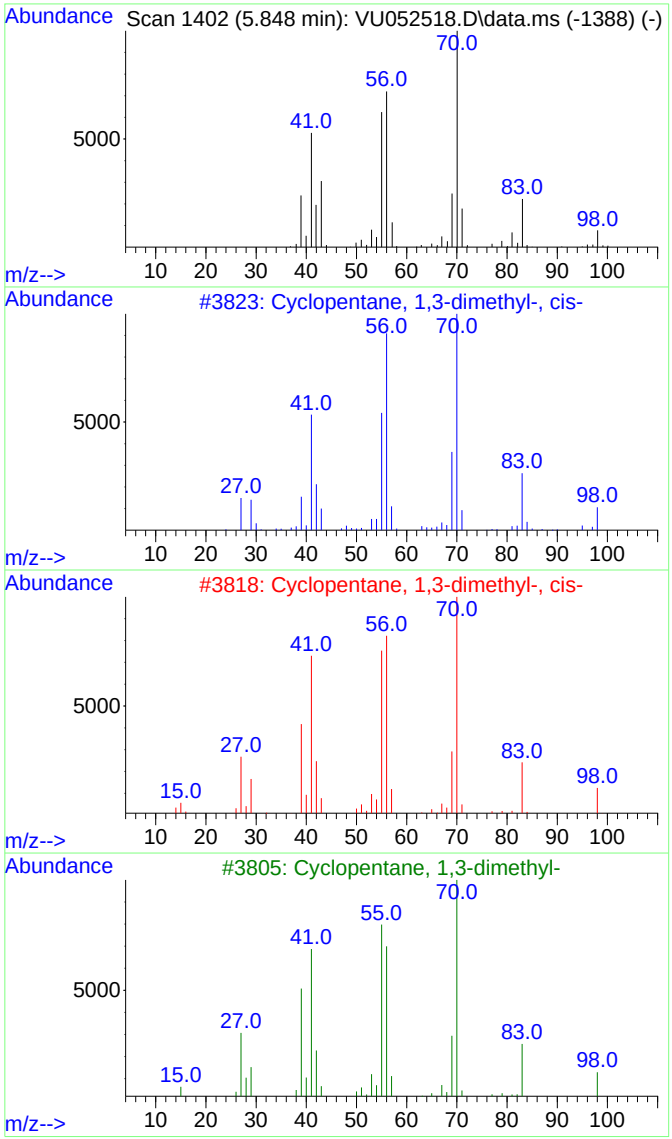
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

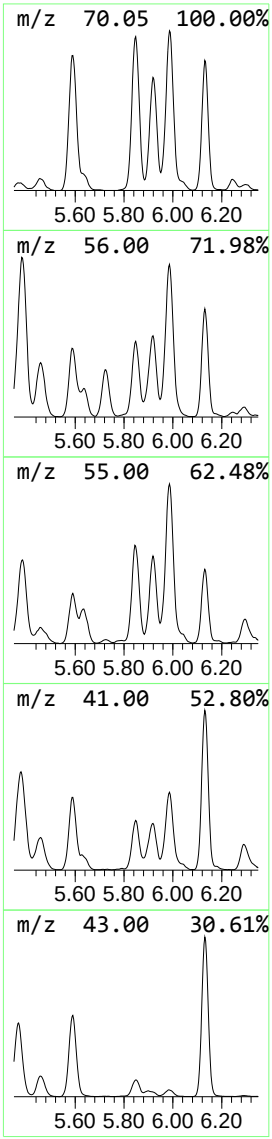
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic5.848 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	5.48 ug/L	587431	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	90
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

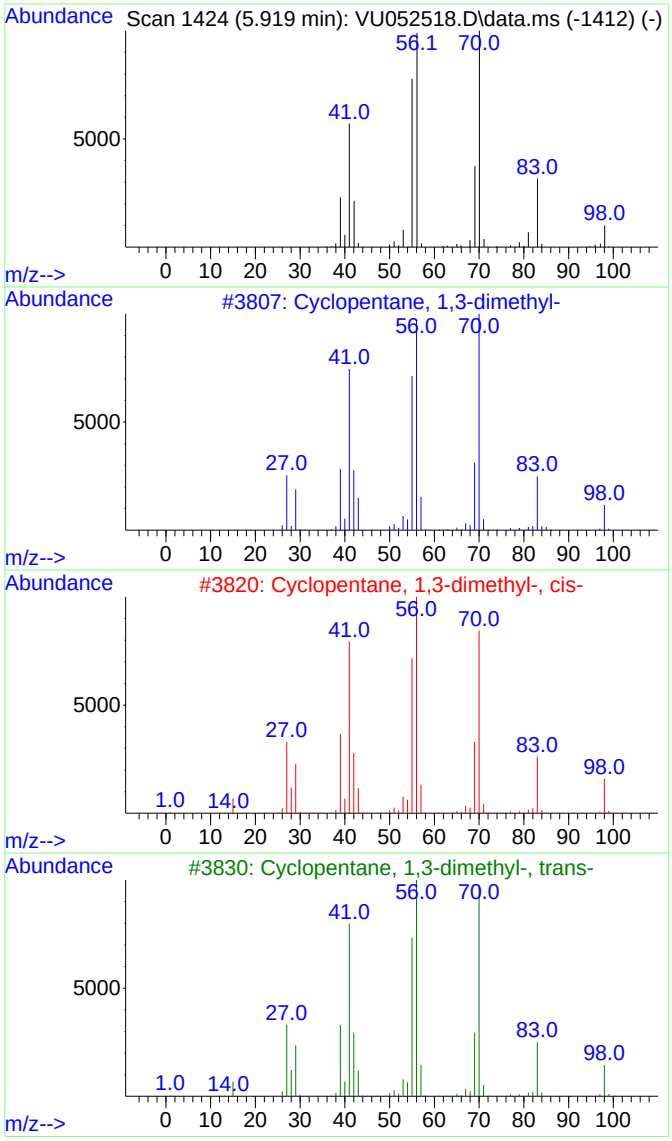
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

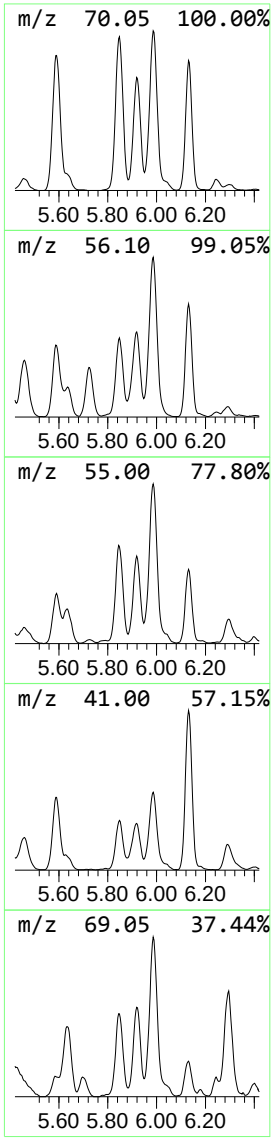
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic5.919 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	5.41 ug/L	579095	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	80
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	78
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

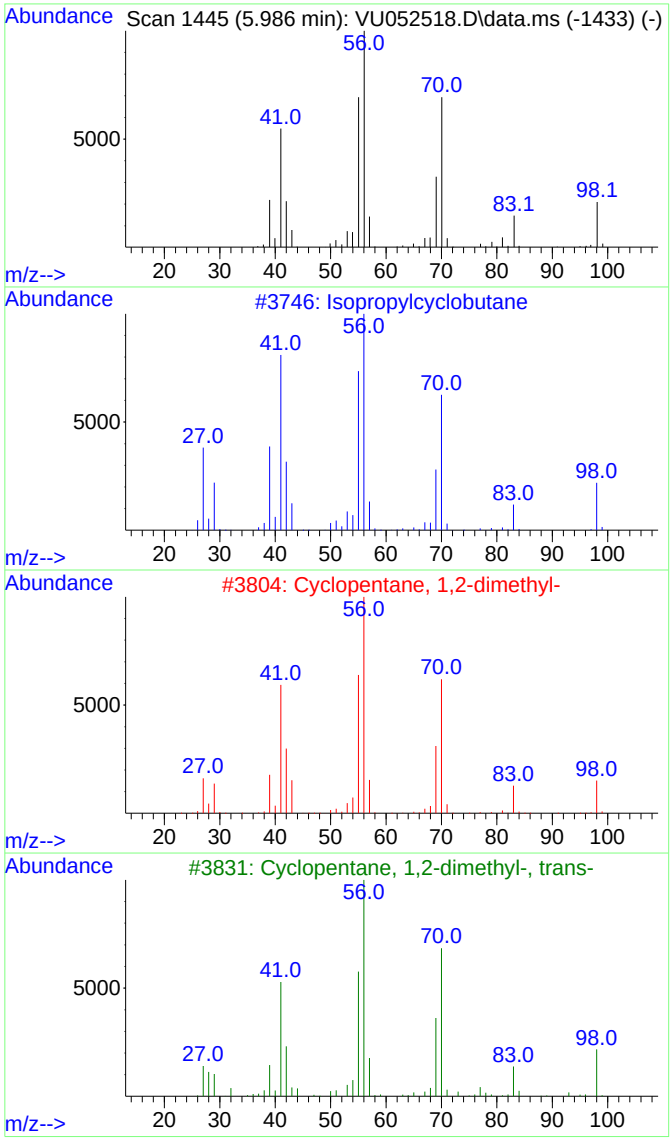
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

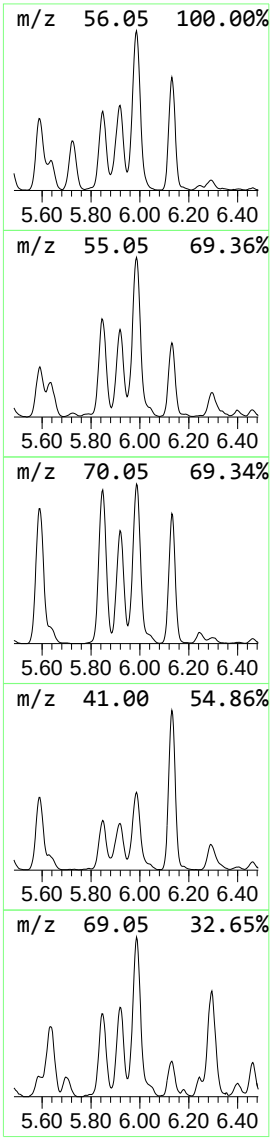
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic5.986 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.986	8.98 ug/L	961609	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

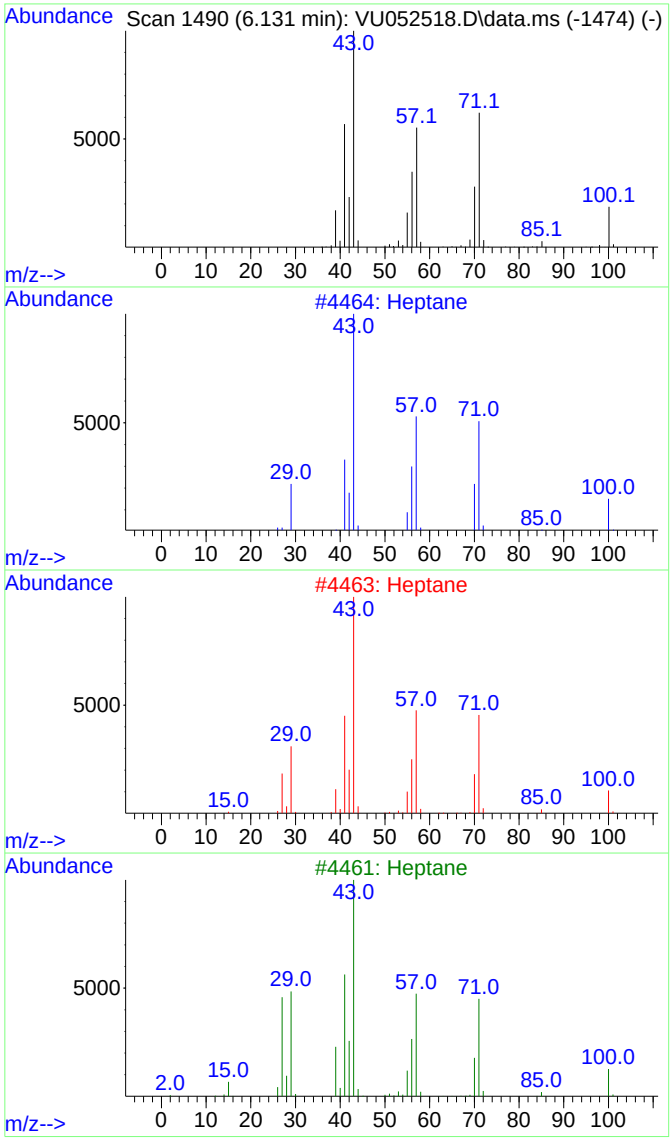
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

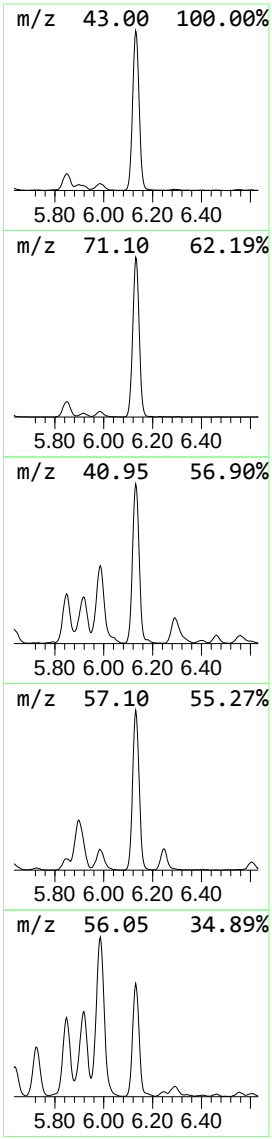
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	12.86 ug/L	1377260	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	78
4	Heptane	100	C7H16	000142-82-5	62
5	3-Hexanone	100	C6H12O	000589-38-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

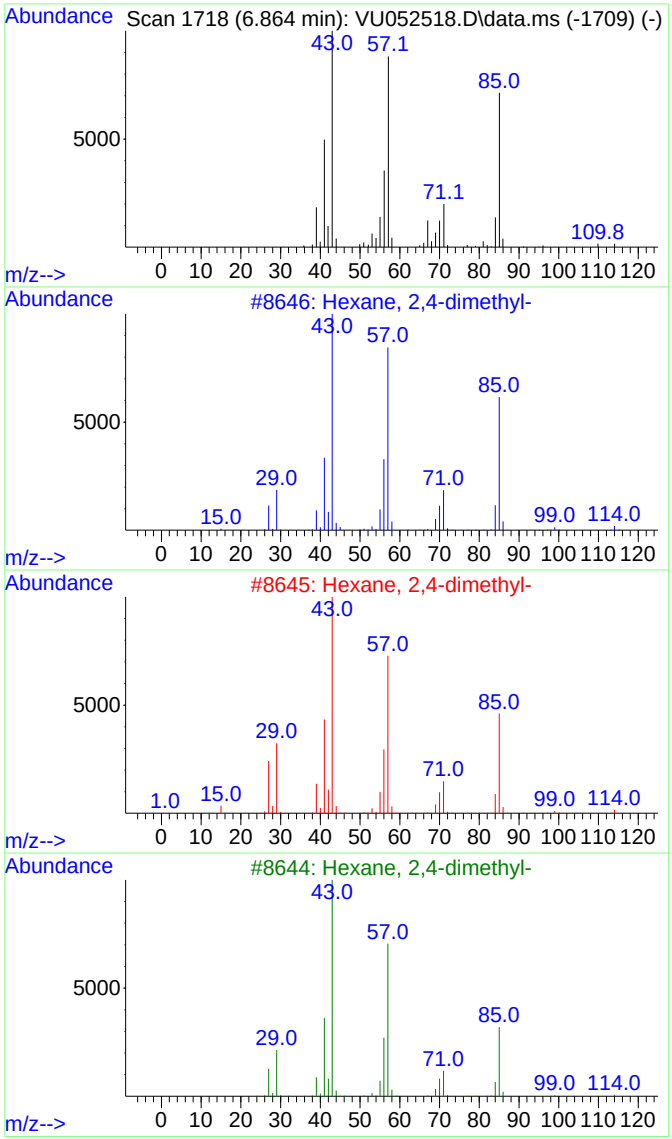
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

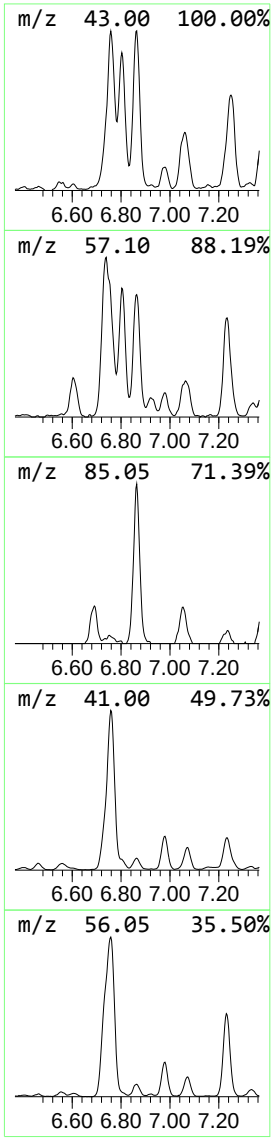
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	1.46 ug/L	156040	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	90
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

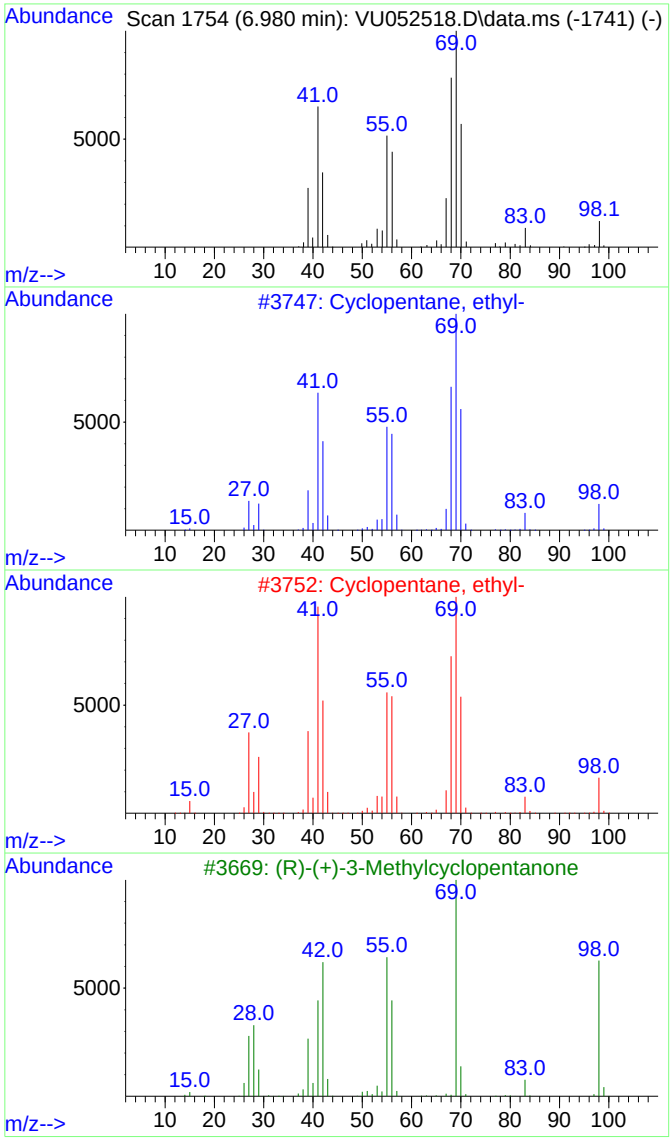
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

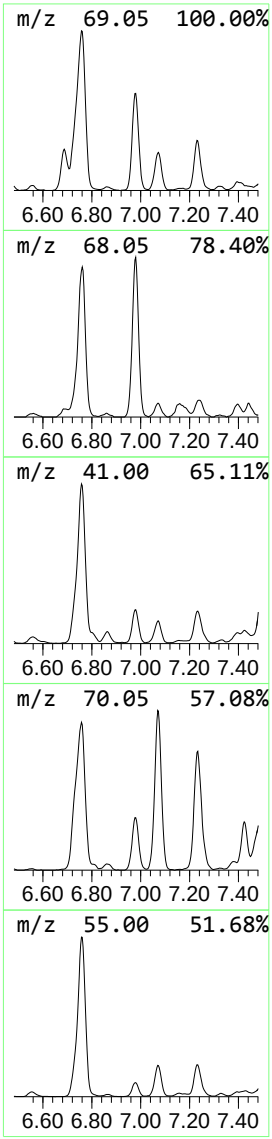
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic6.980 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	3.38 ug/L	362432	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	38





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

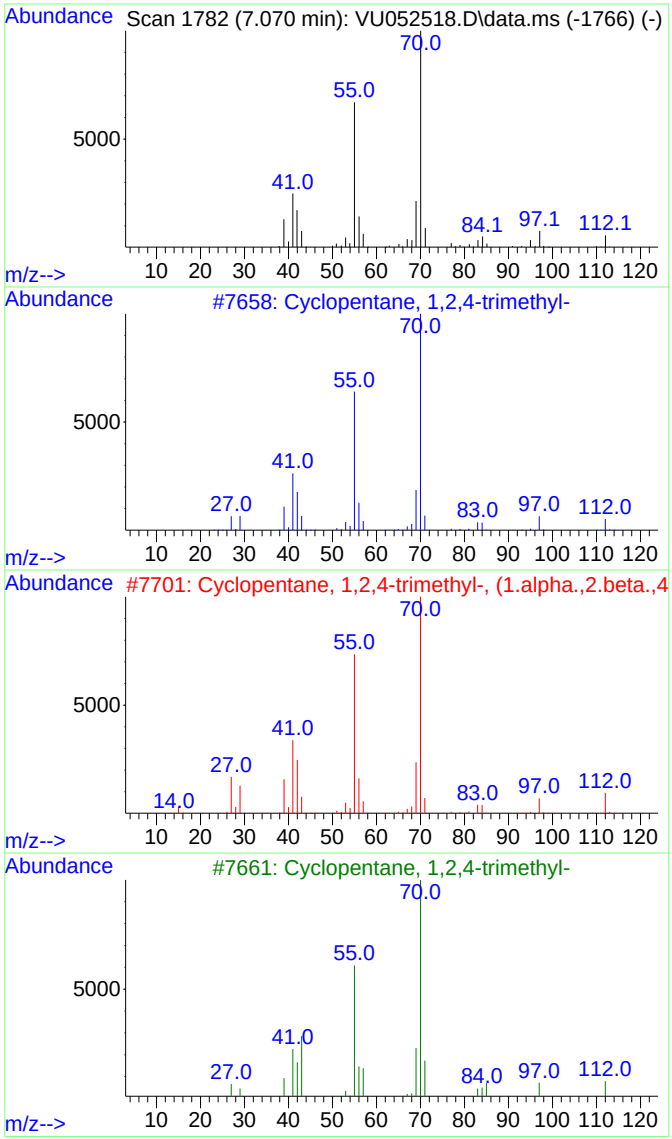
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

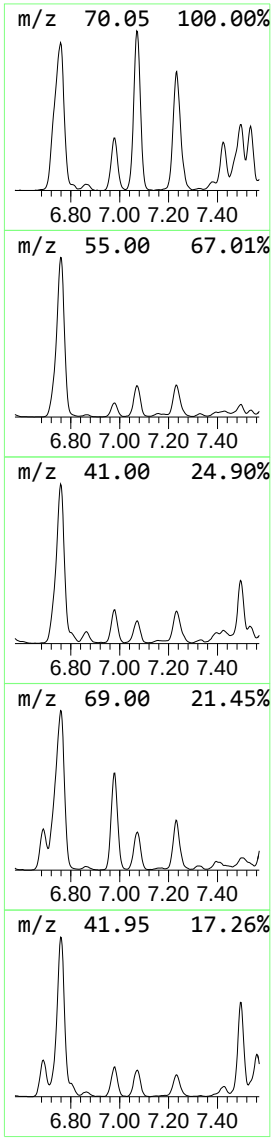
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic7.070 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	3.91 ug/L	418707	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

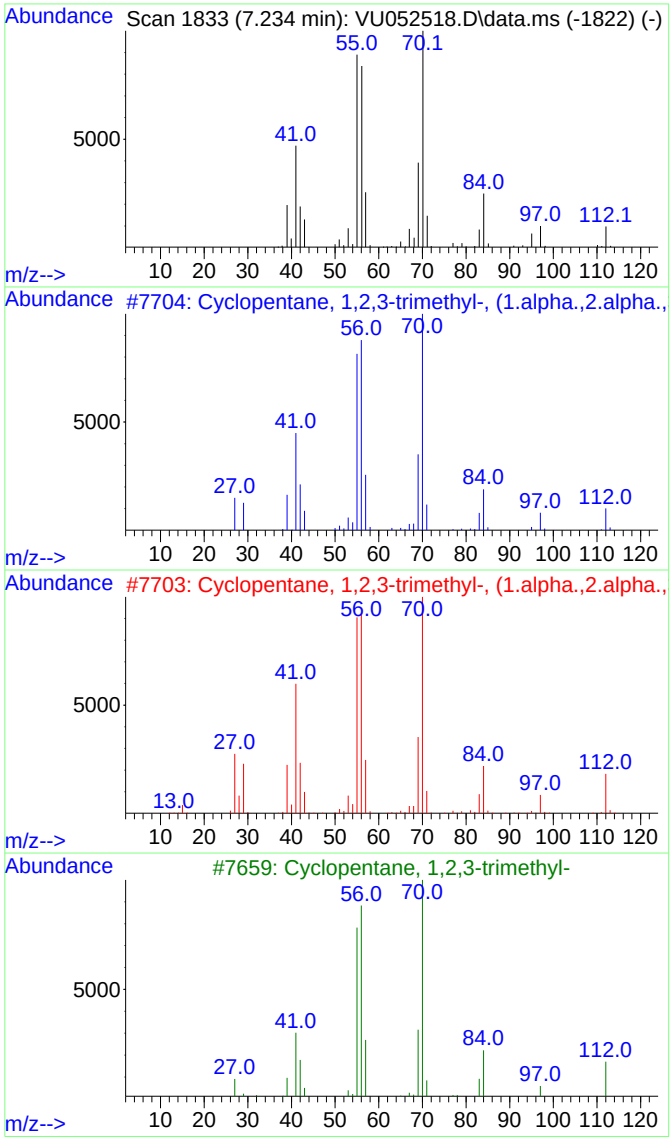
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

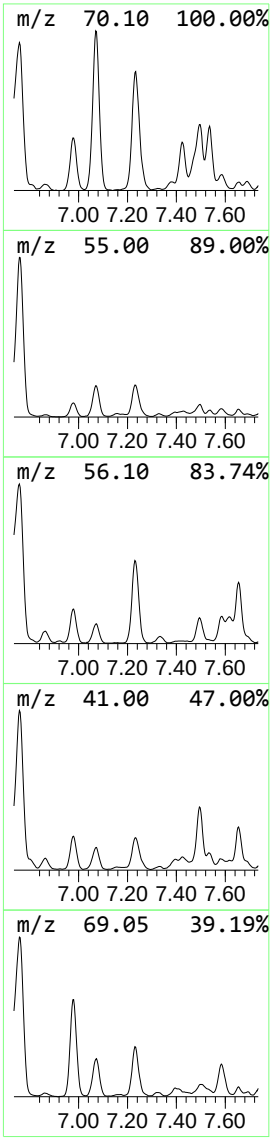
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic7.234 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	5.77 ug/L	618417	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	95
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

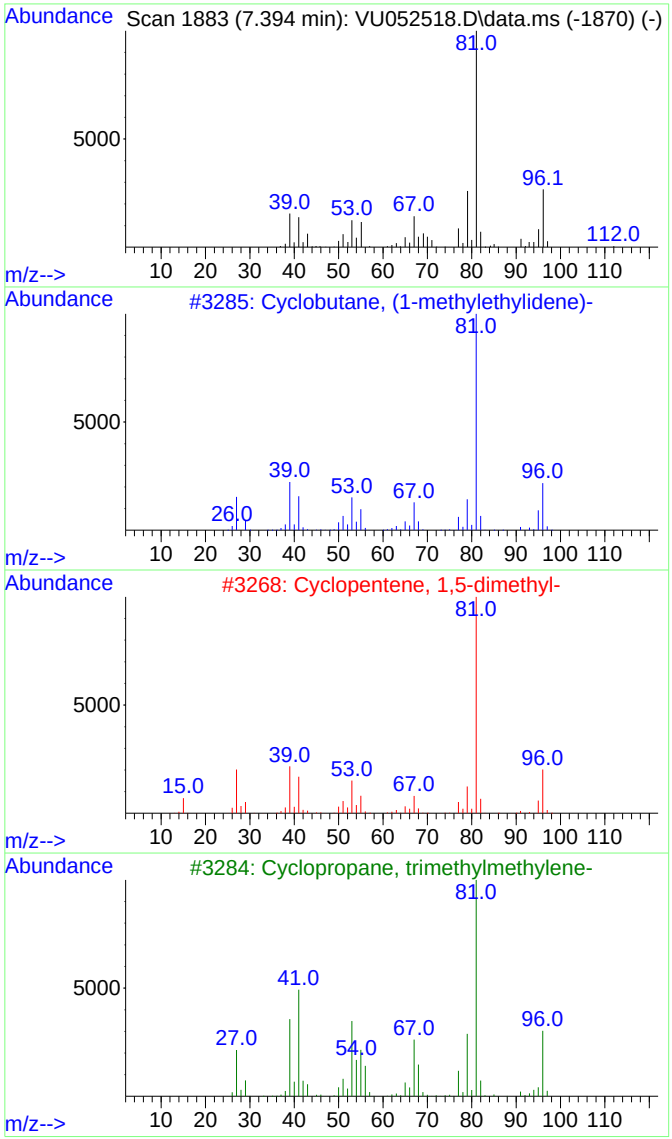
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

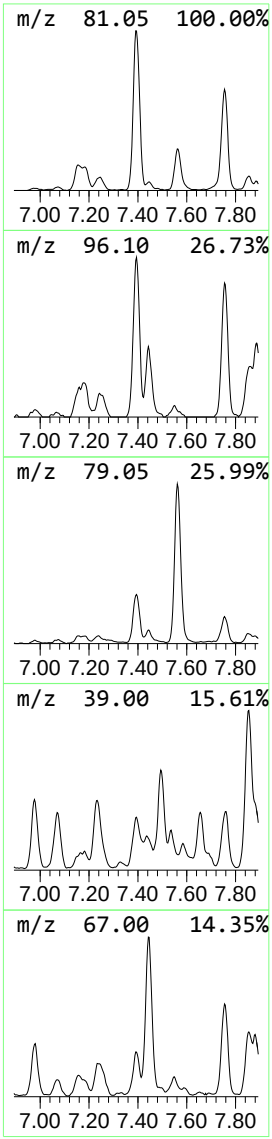
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclobutane, (1-methylethyl... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.394	2.87 ug/L	306954	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	83
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

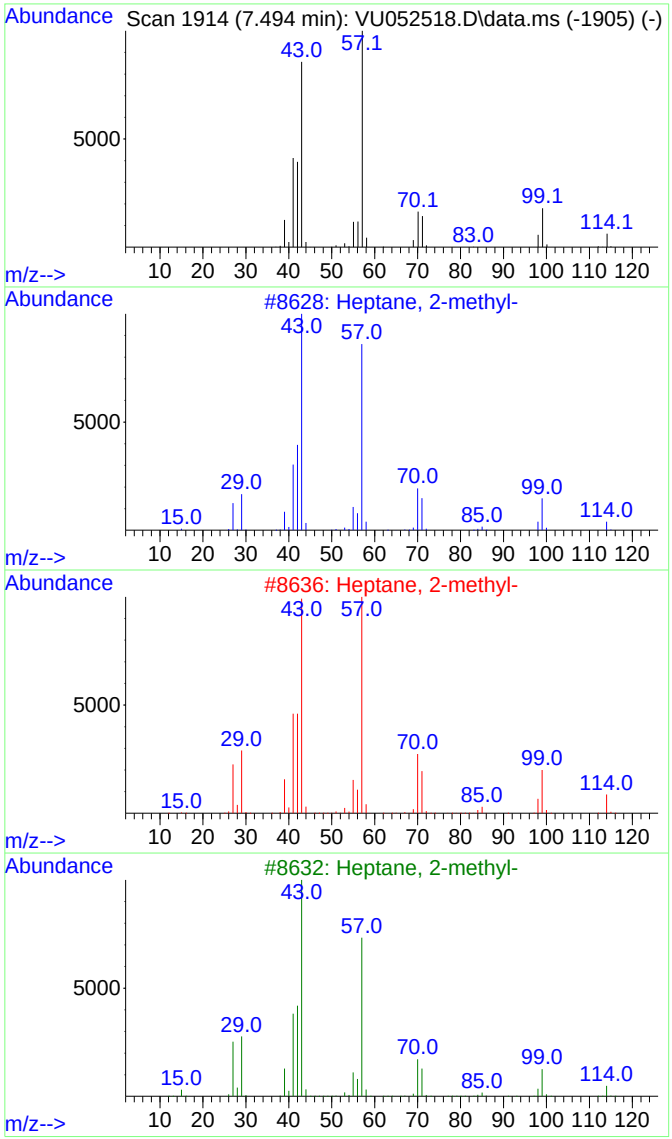
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

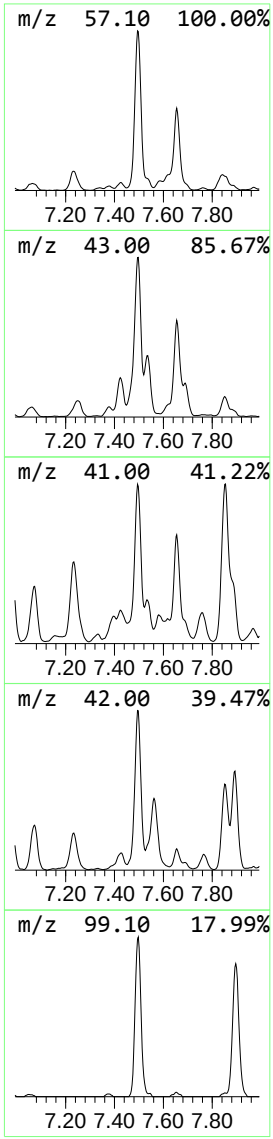
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	4.90 ug/L	524695	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

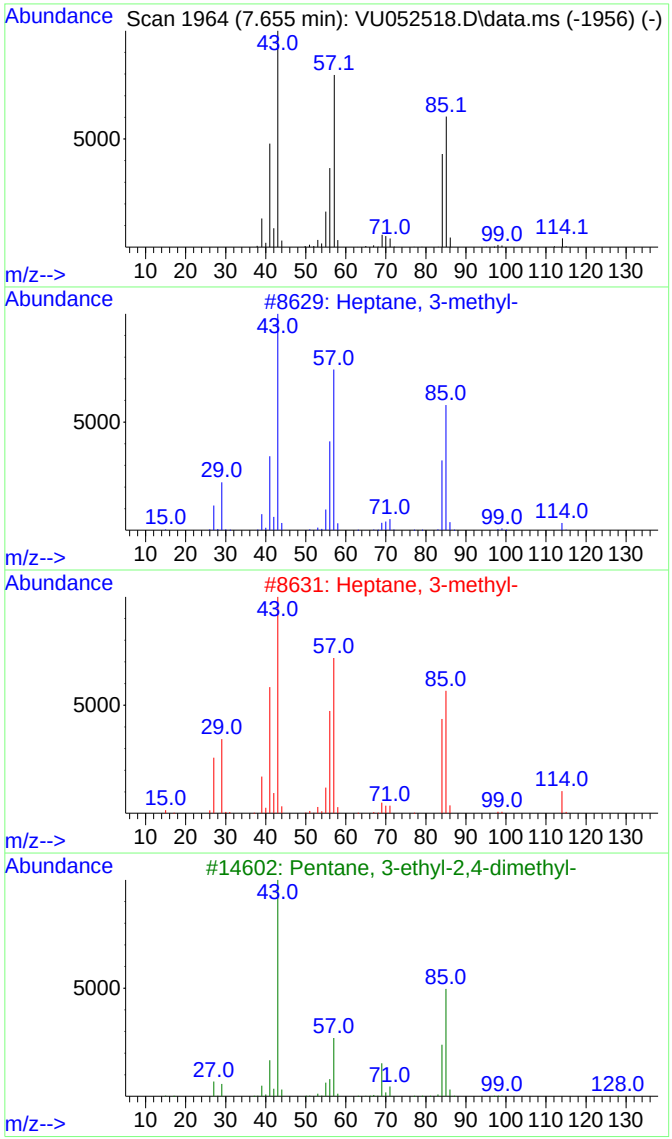
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

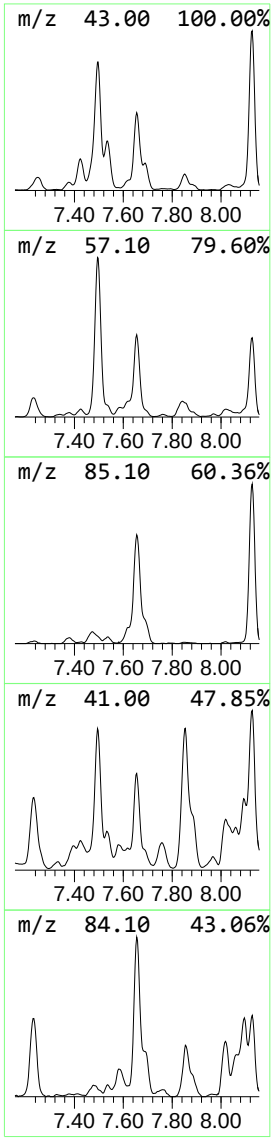
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.655	3.13 ug/L	335331	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

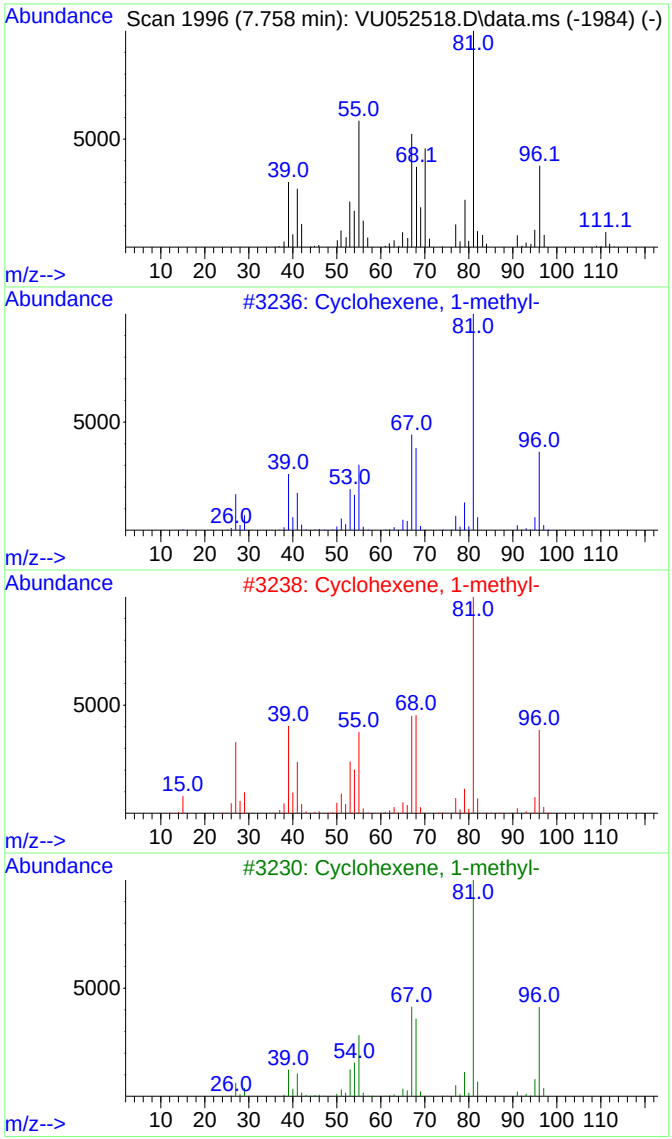
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

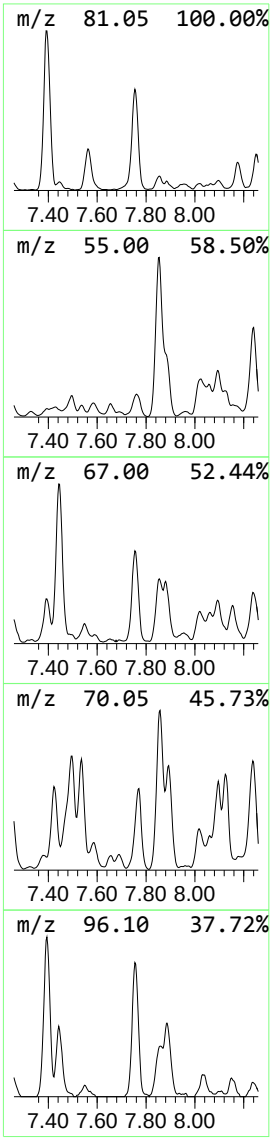
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclohexene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.758	3.42 ug/L	366118	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	76
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	74
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

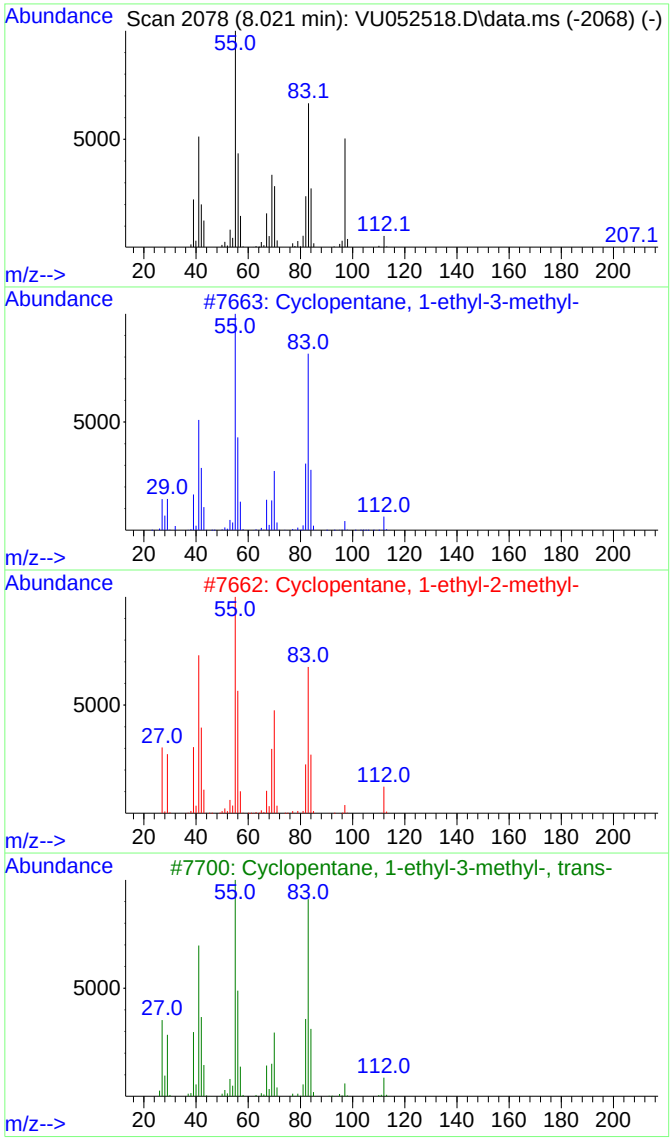
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

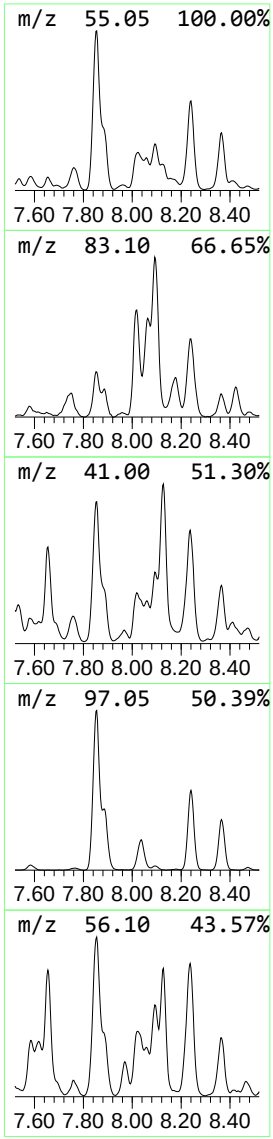
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic8.021 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.021	3.03 ug/L	374397	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-2-methyl-	112	C8H16	003726-46-3	52
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	49
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	49
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	47





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Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

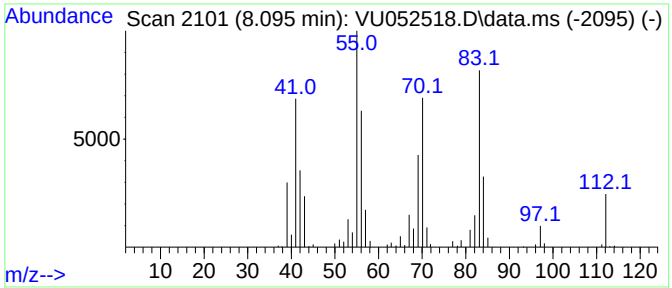
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

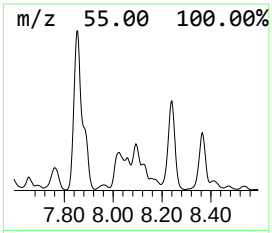
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

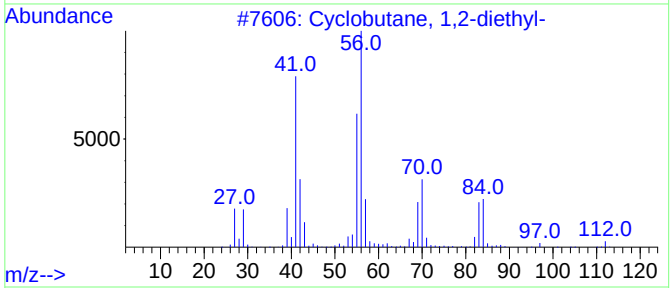
****
Peak Number 26 (DEL) Alkane: Cyclic8.095 Concentration Rank 54

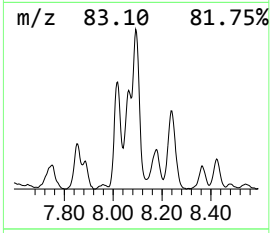
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.095	1.19 ug/L	147498	Chlorobenzene-d5	9.414

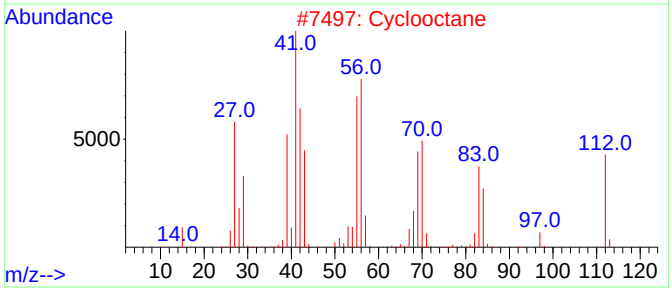
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	68
2	Cyclooctane	112	C8H16	000292-64-8	64
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	58
4	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	58
5	Cyclopropane, pentyl-	112	C8H16	002511-91-3	58

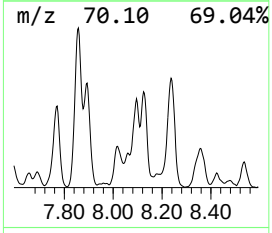


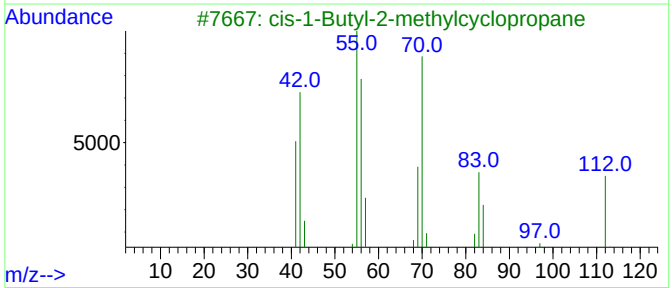


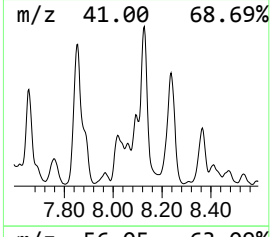


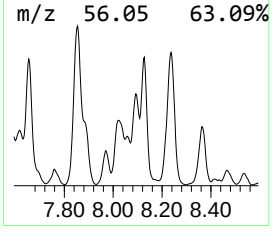












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

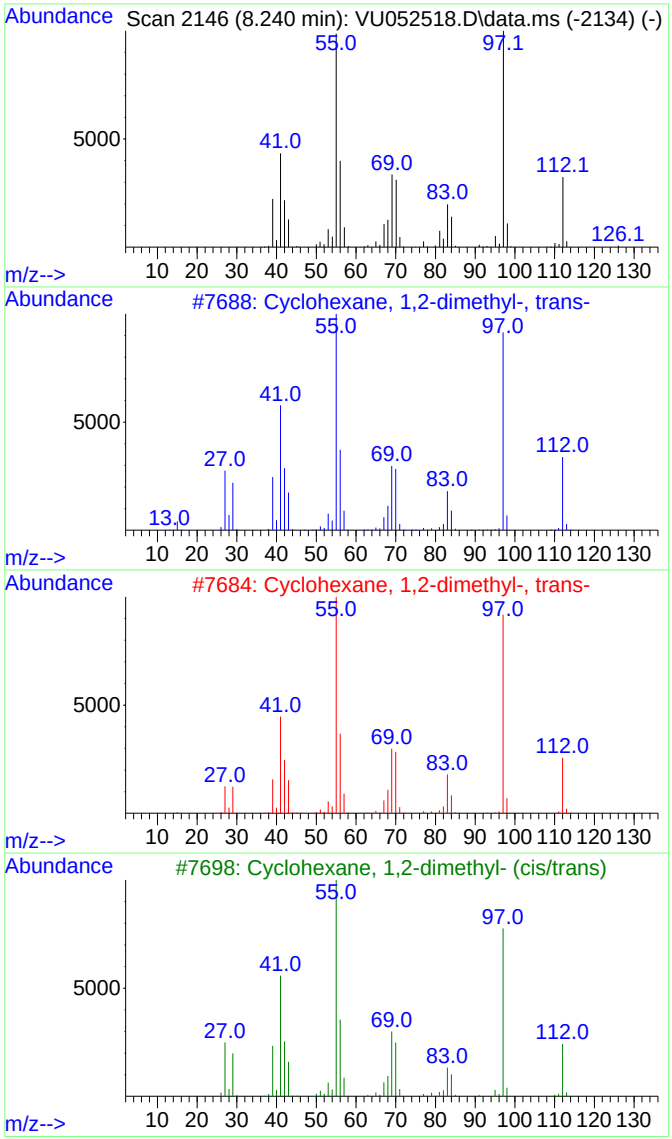
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

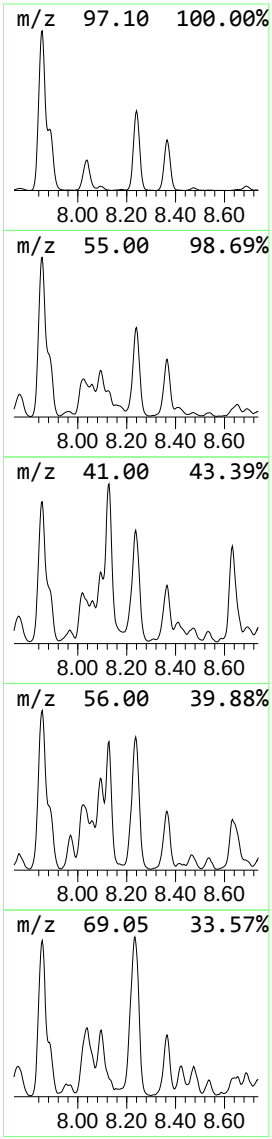
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic8.240 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	7.06 ug/L	873814	Chlorobenzene-d5	9.414

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

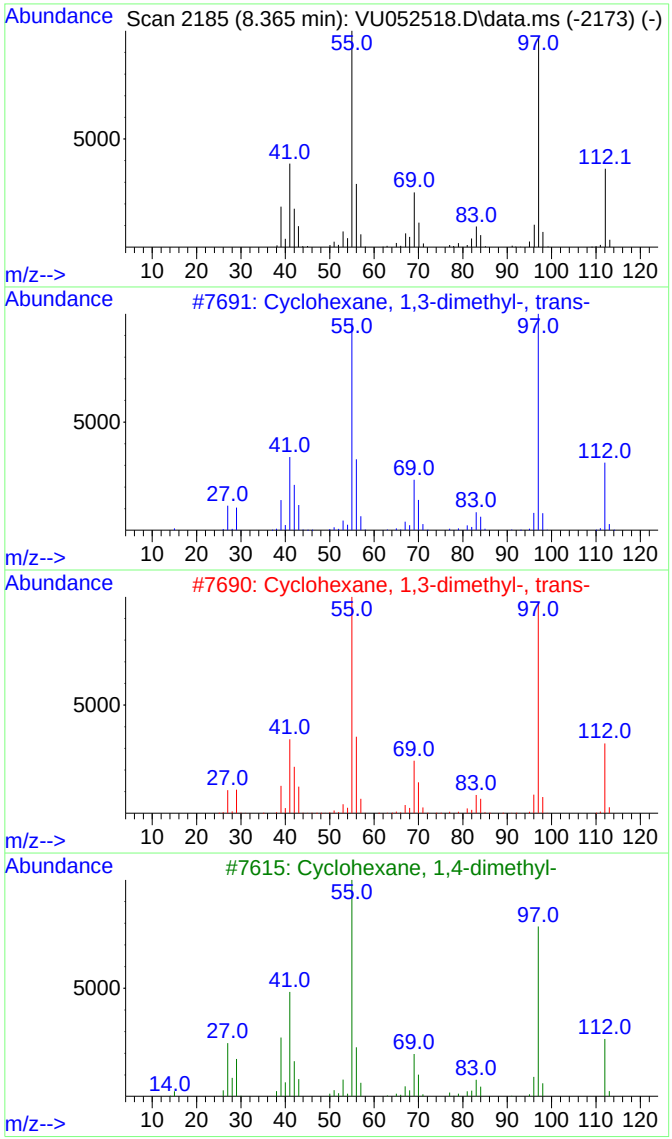
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

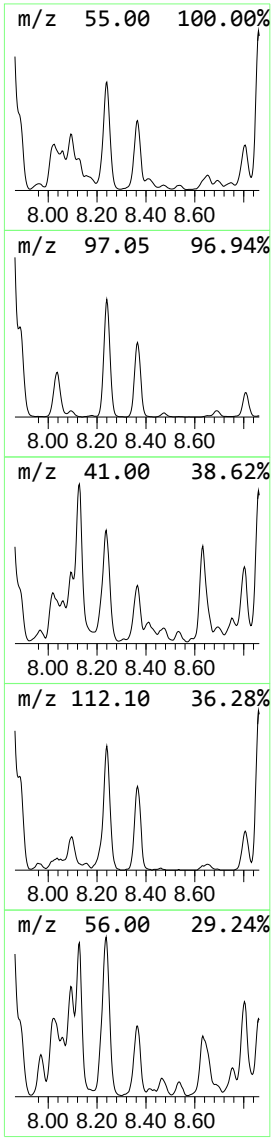
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.365 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.365	3.10 ug/L	383321	Chlorobenzene-d5	9.414

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

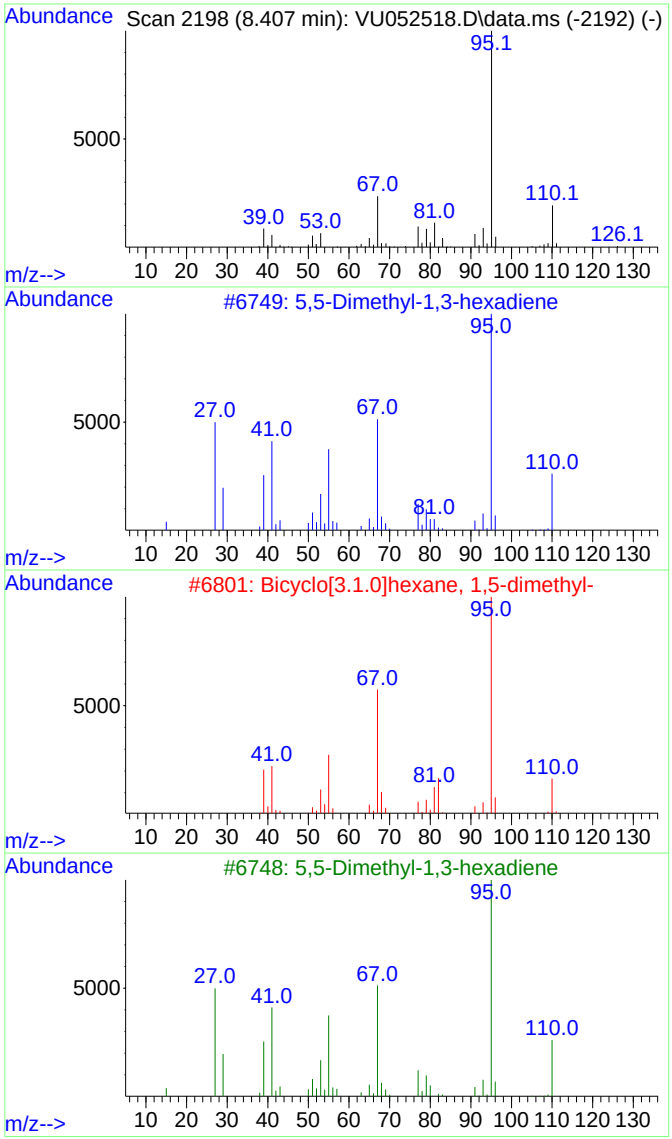
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

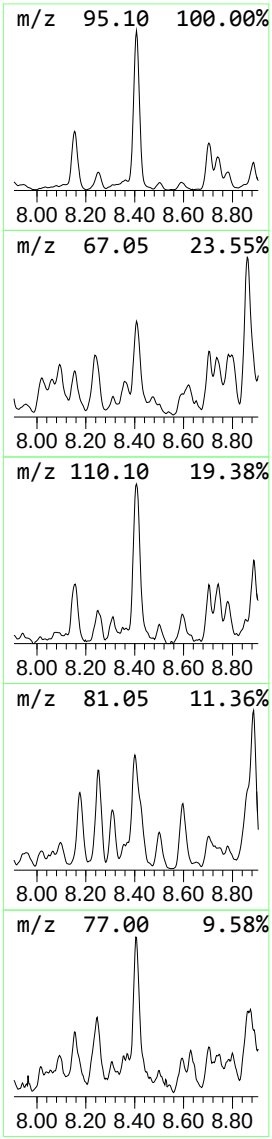
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 5,5-Dimethyl-1,3-hexadiene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.407	1.94 ug/L	240391	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	64
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	64
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	64
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

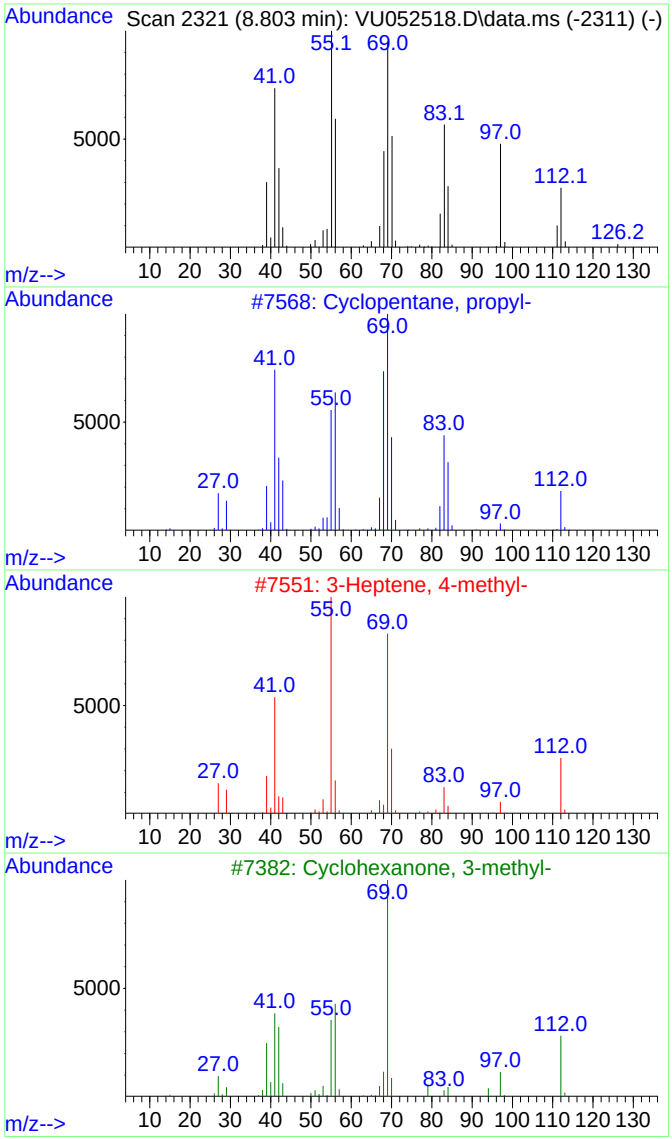
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

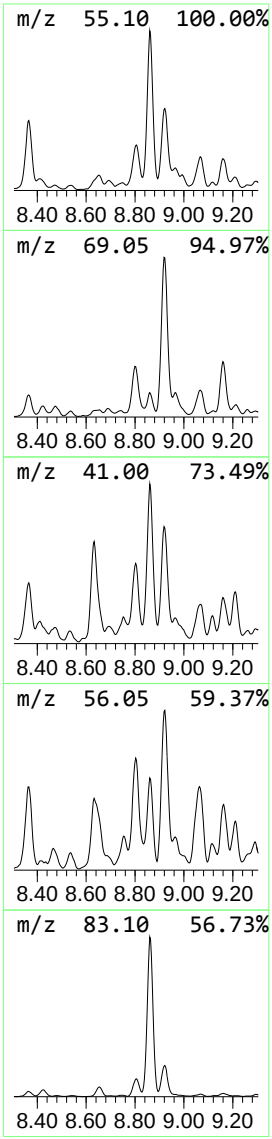
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic8.803 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	2.54 ug/L	313723	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	52
2	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	43
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	43
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
5	2-Octene, (Z)-	112	C8H16	007642-04-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

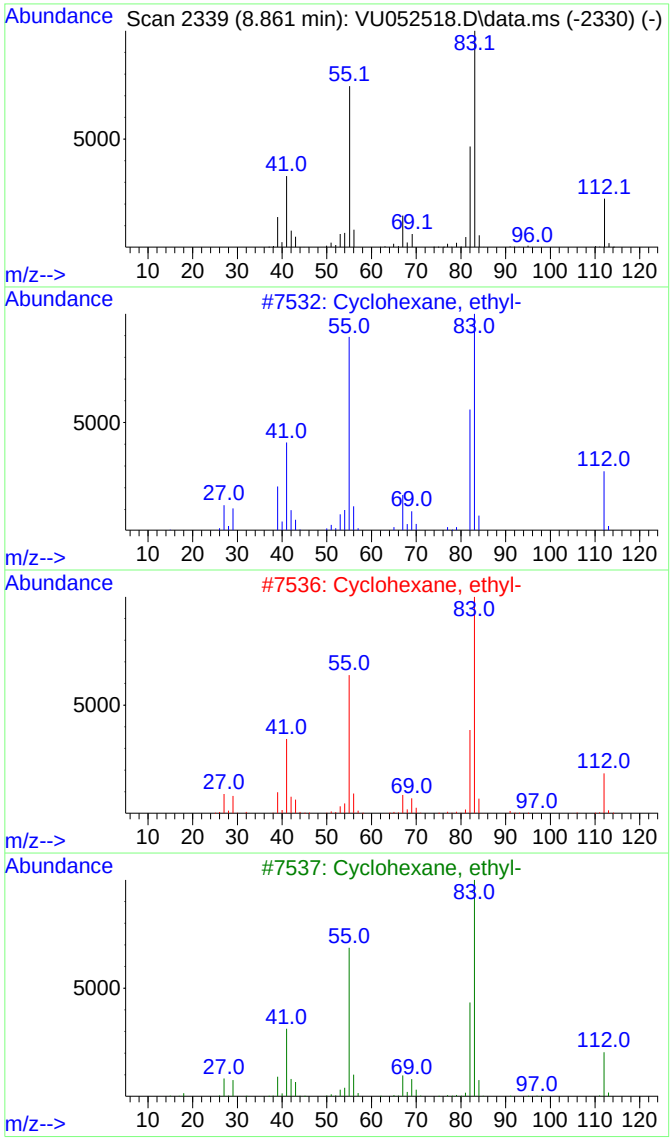
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

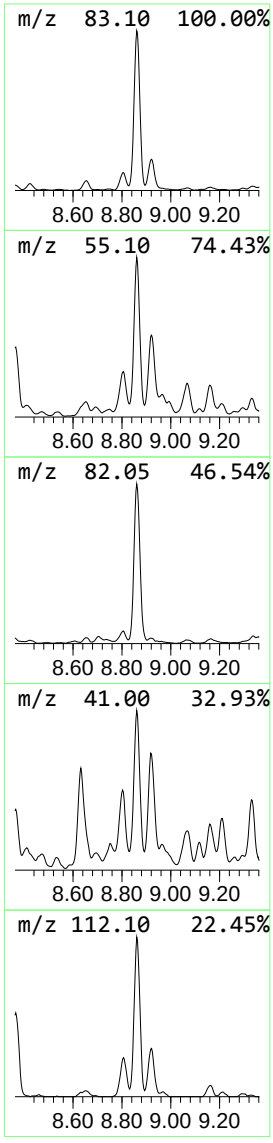
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic8.861 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.861	6.24 ug/L	772099	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

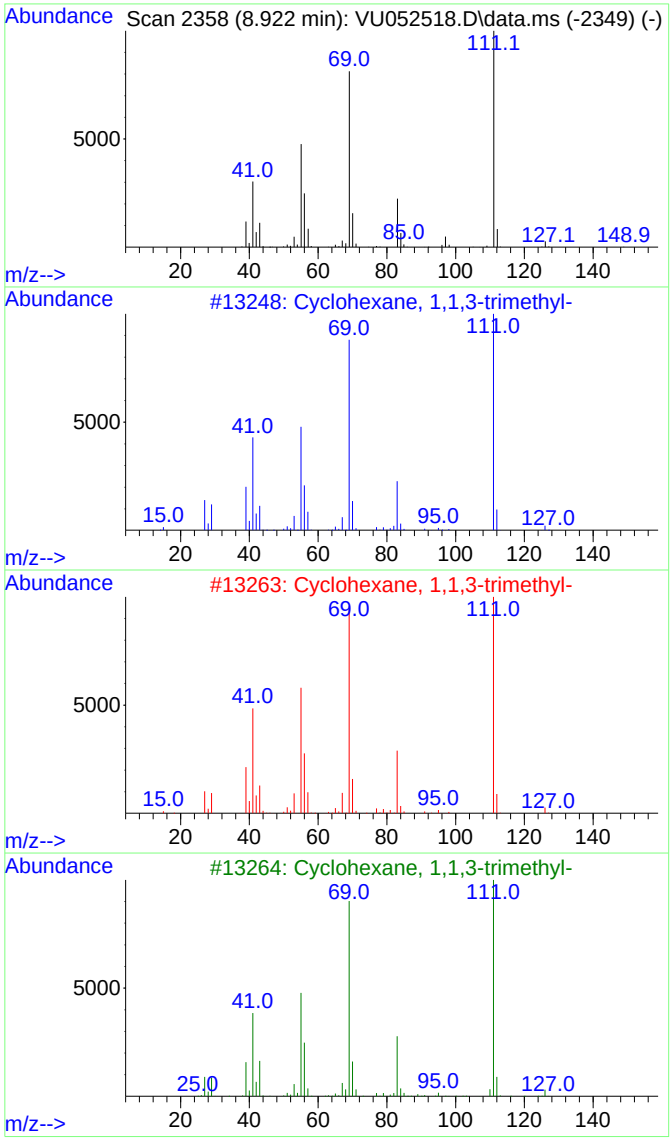
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

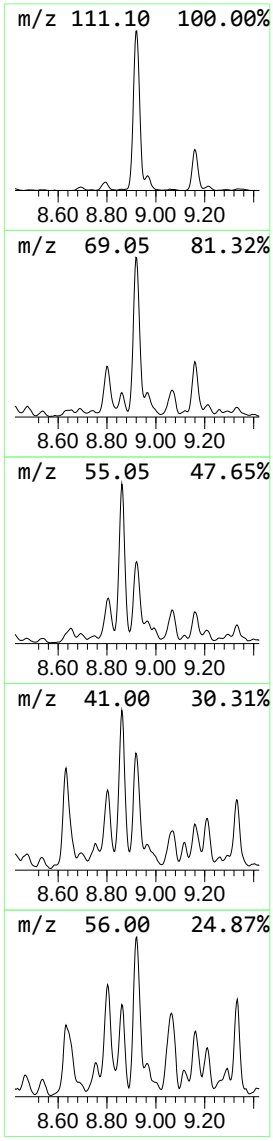
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic8.922 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	4.96 ug/L	614055	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	87
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

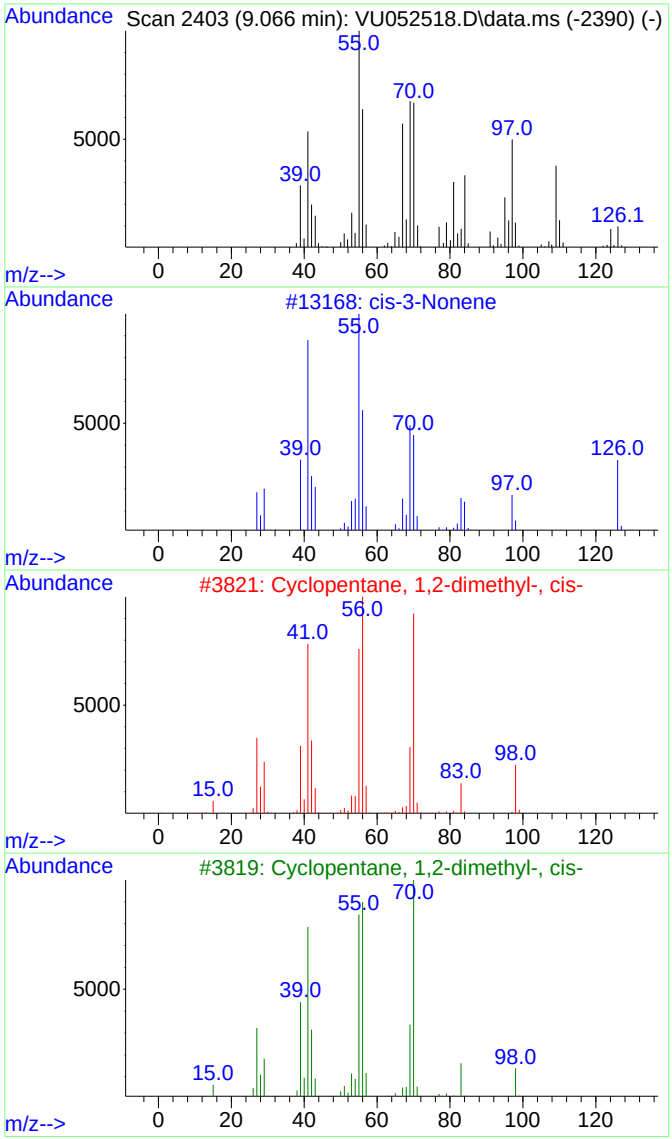
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

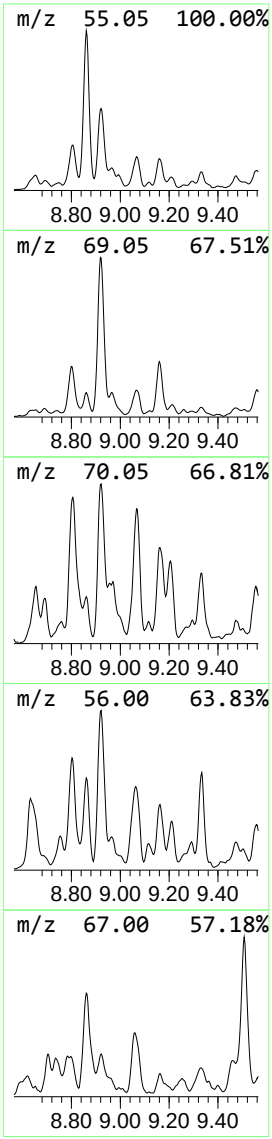
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.066	2.76 ug/L	341090	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Nonene	126	C9H18	020237-46-1	45
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	35
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

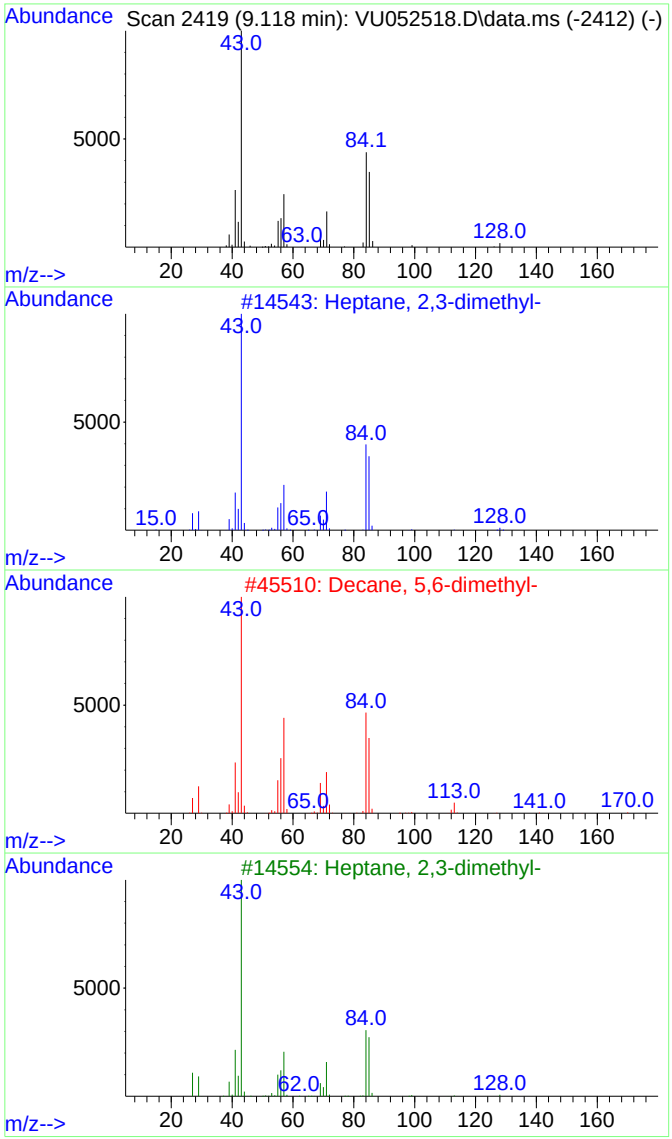
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

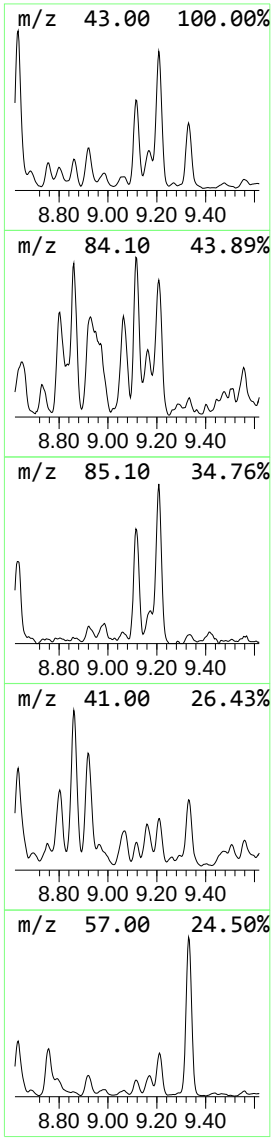
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.118	0.87 ug/L	107652	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	83
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

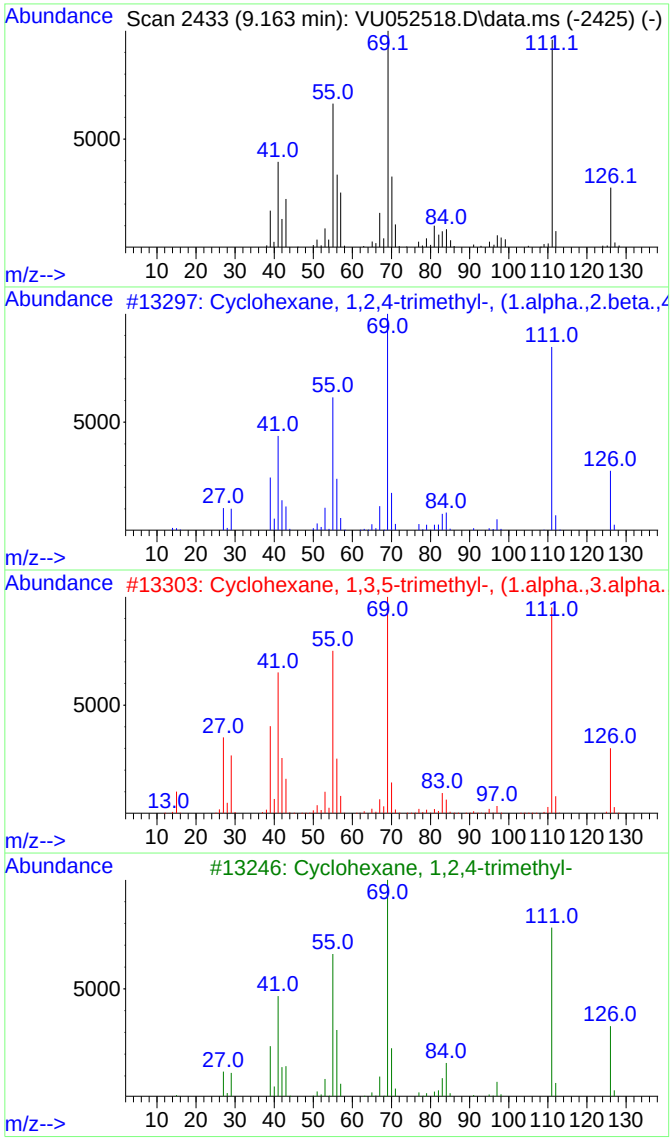
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

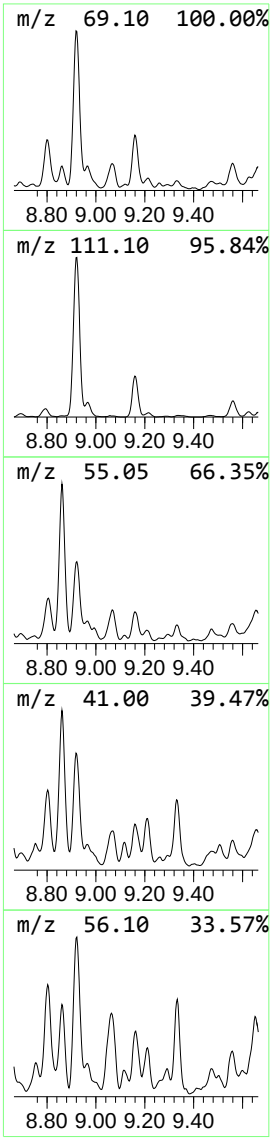
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic9.163 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	2.33 ug/L	288179	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

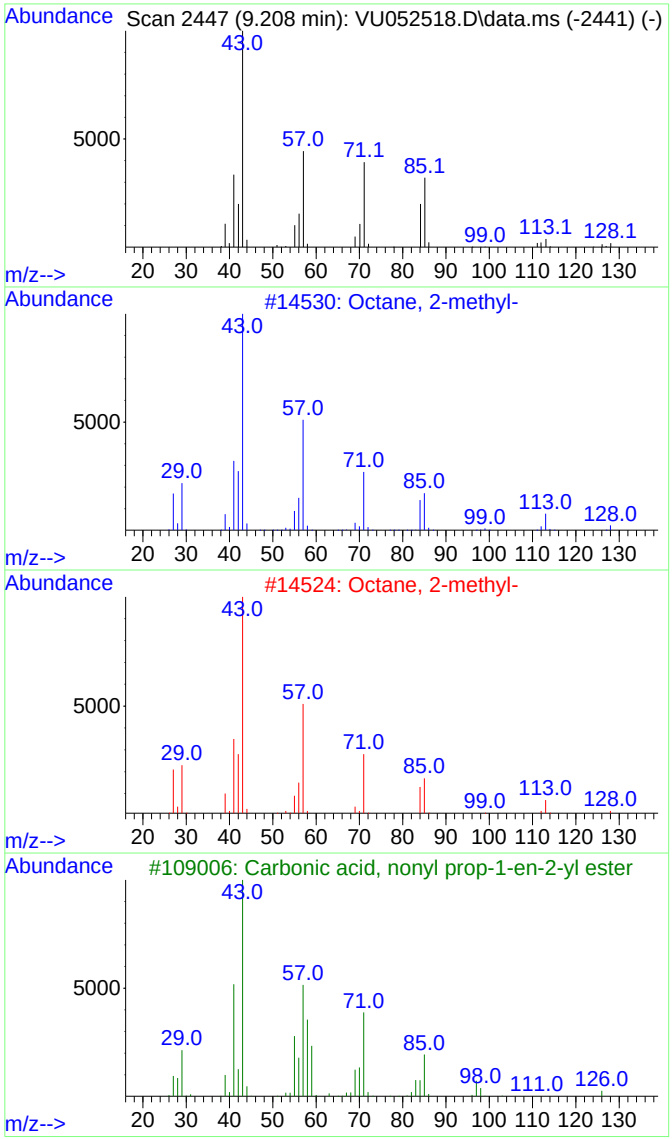
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

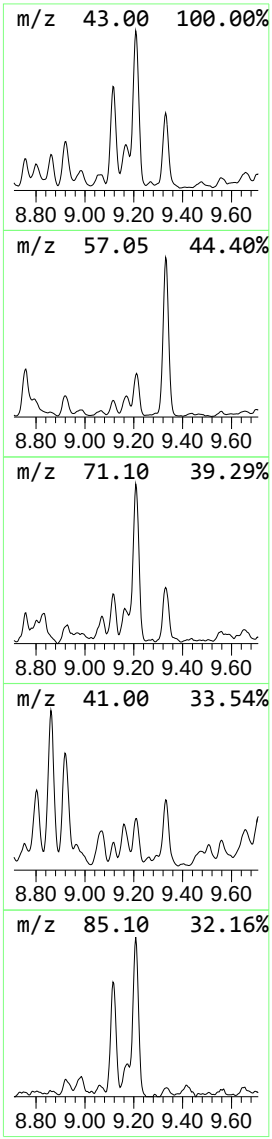
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.208	1.94 ug/L	239865	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	83
2	Octane, 2-methyl-	128	C9H20	003221-61-2	80
3	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	64
4	Octane, 4-methyl-	128	C9H20	002216-34-4	64
5	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

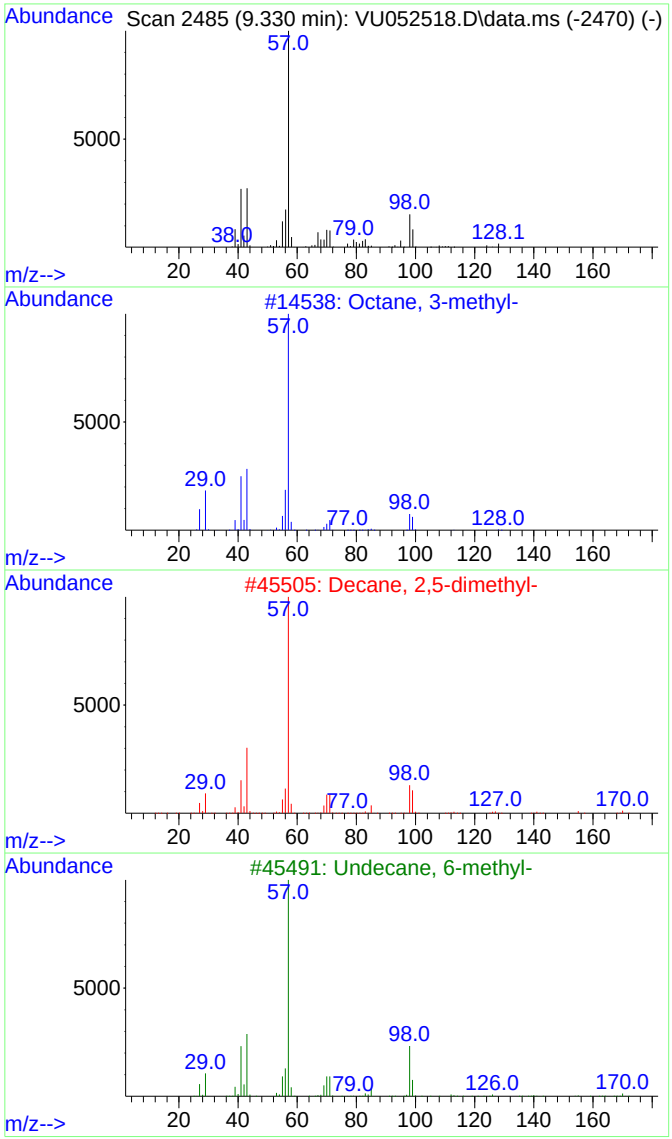
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

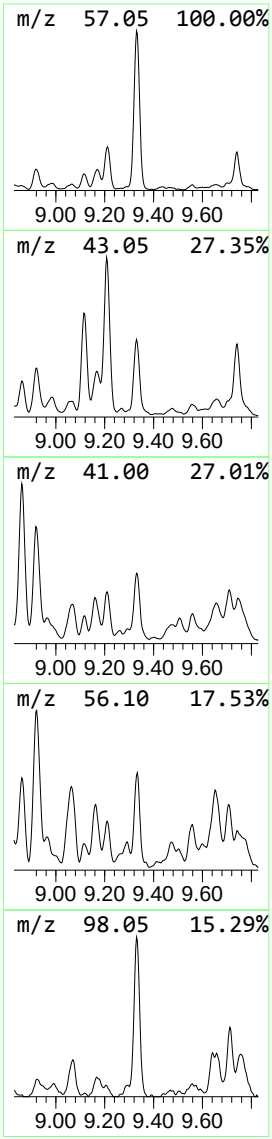
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.330	3.24 ug/L	401264	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	59
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4	Octane, 3-methyl-	128	C9H20	002216-33-3	53
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

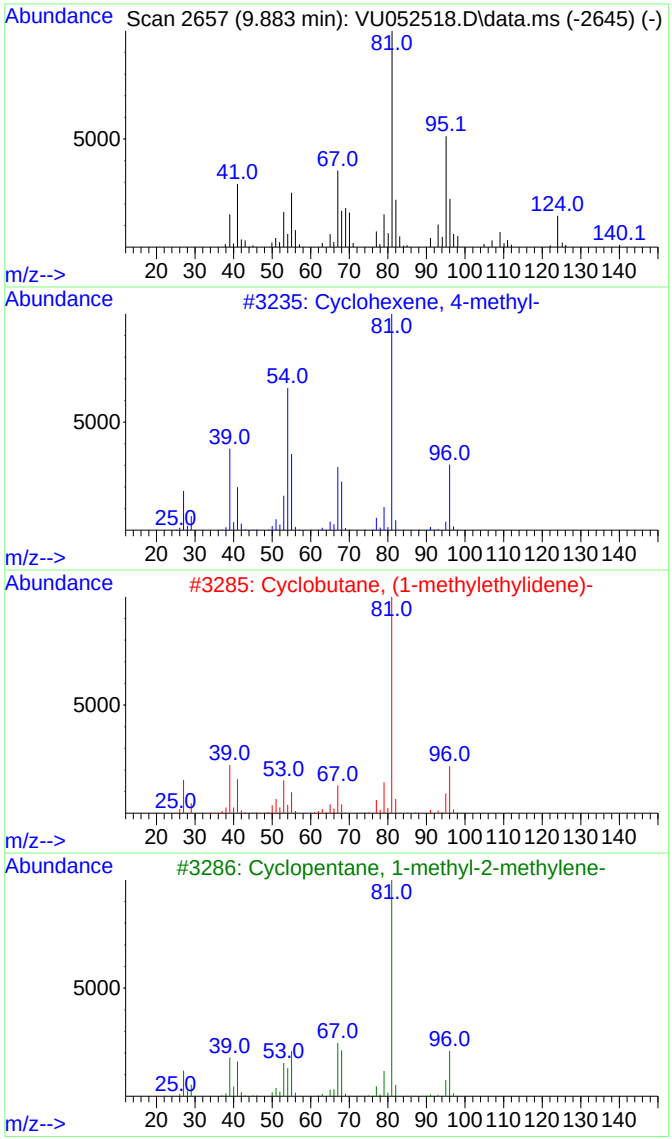
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

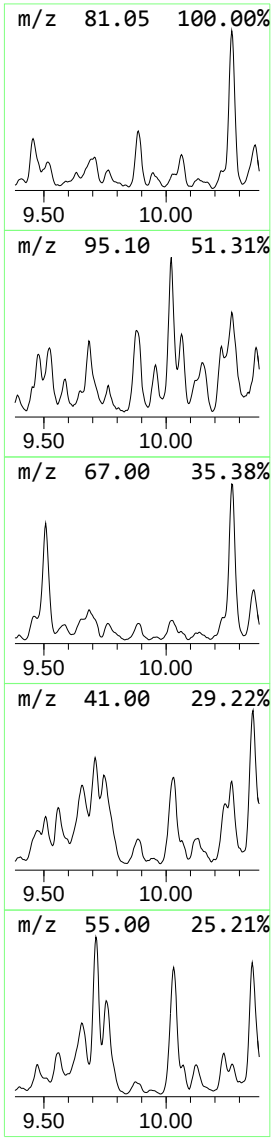
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.883	1.11 ug/L	137649	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	49
3	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	49
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	46
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

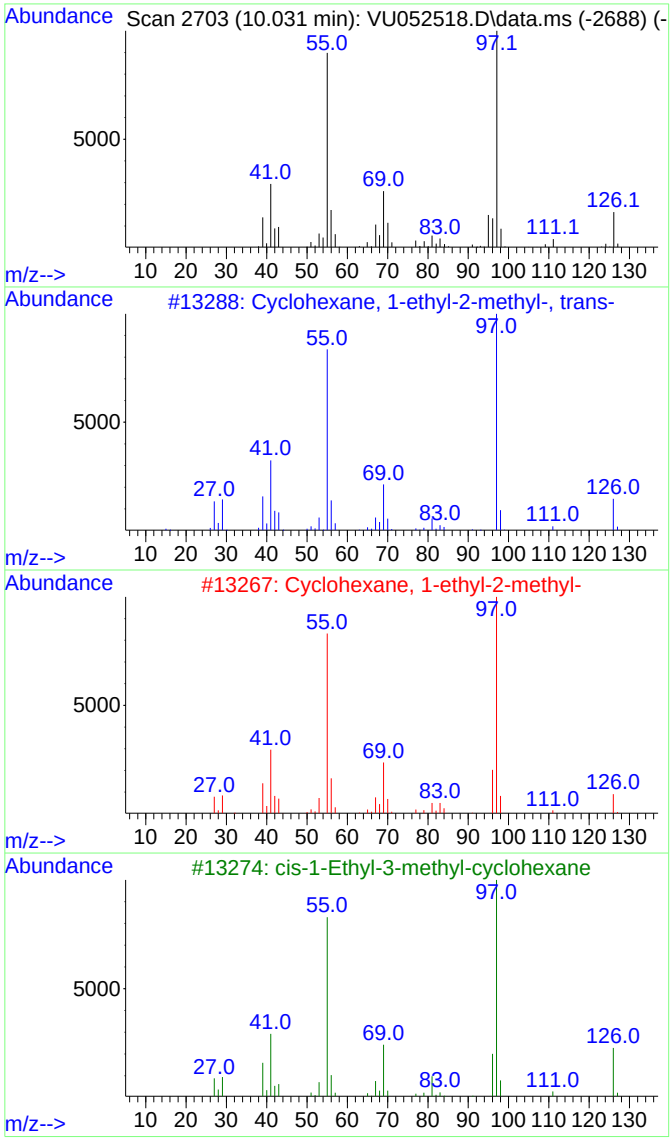
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

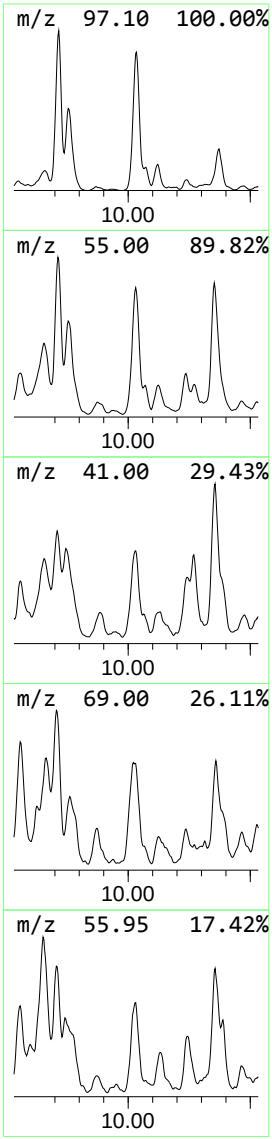
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic10.031 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.031	3.52 ug/L	435084	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	93
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

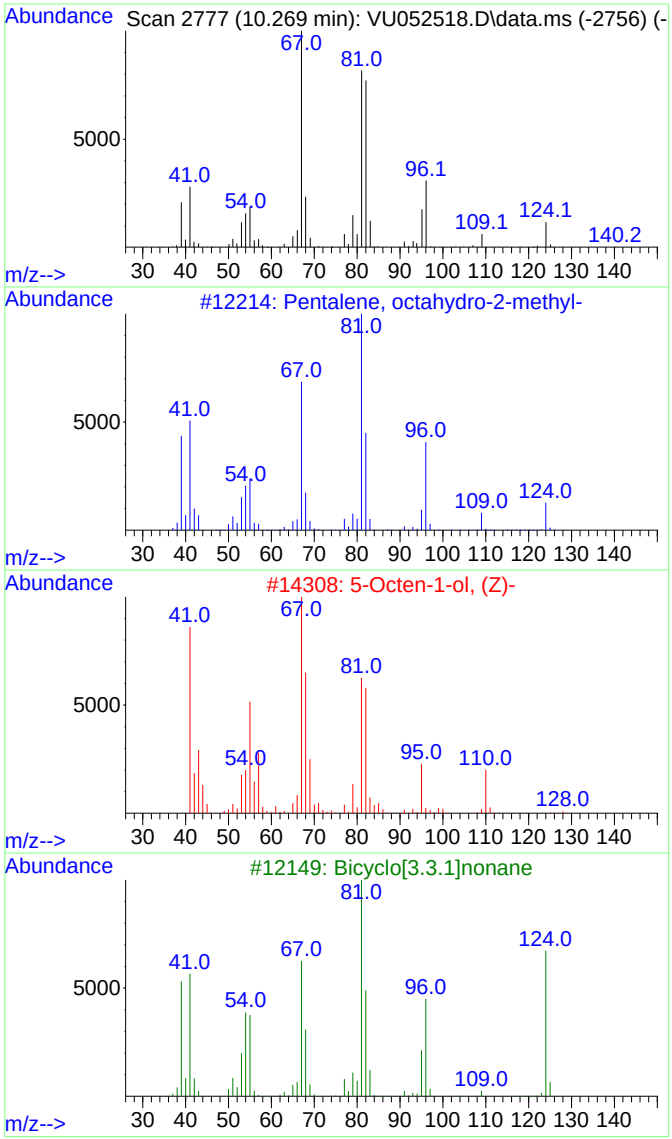
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

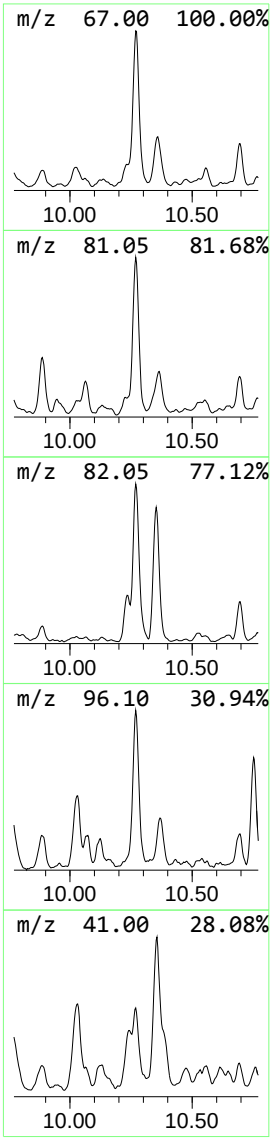
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Pentalene, octahydro-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	4.89 ug/L	604605	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
2	5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	59
3	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	58
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	52
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

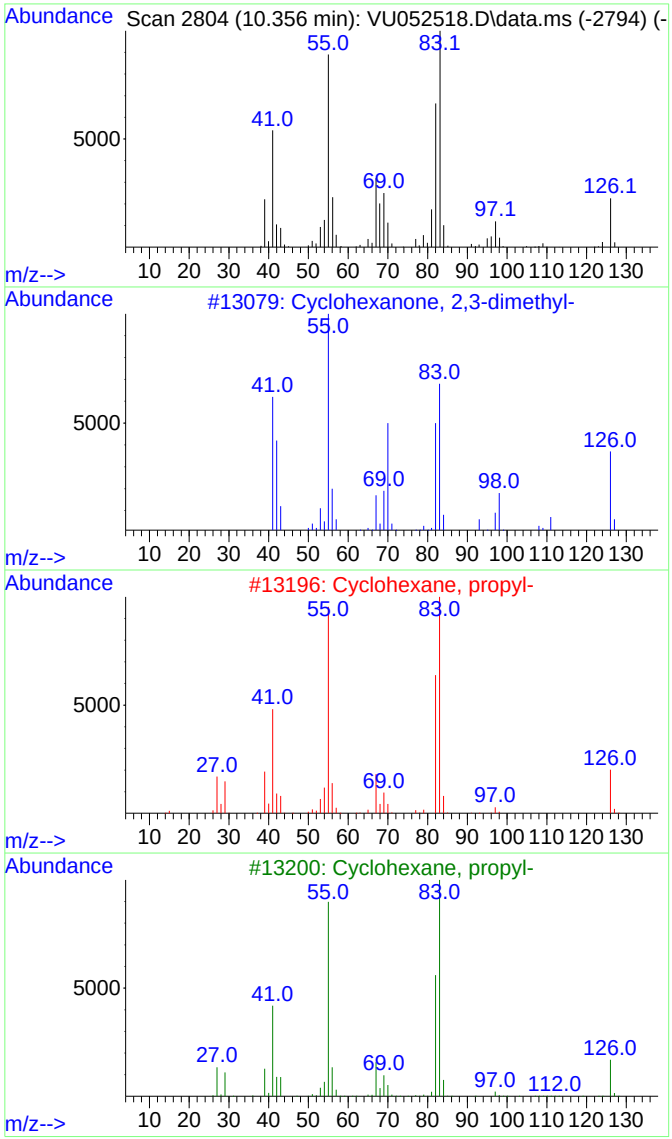
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

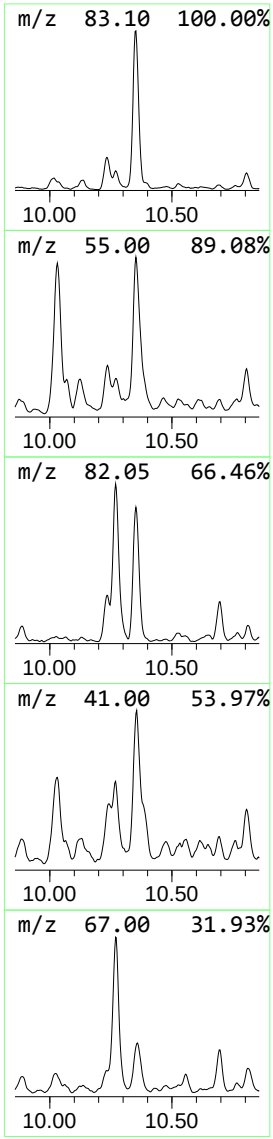
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Cyclohexanone, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	4.88 ug/L	604162	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	83
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

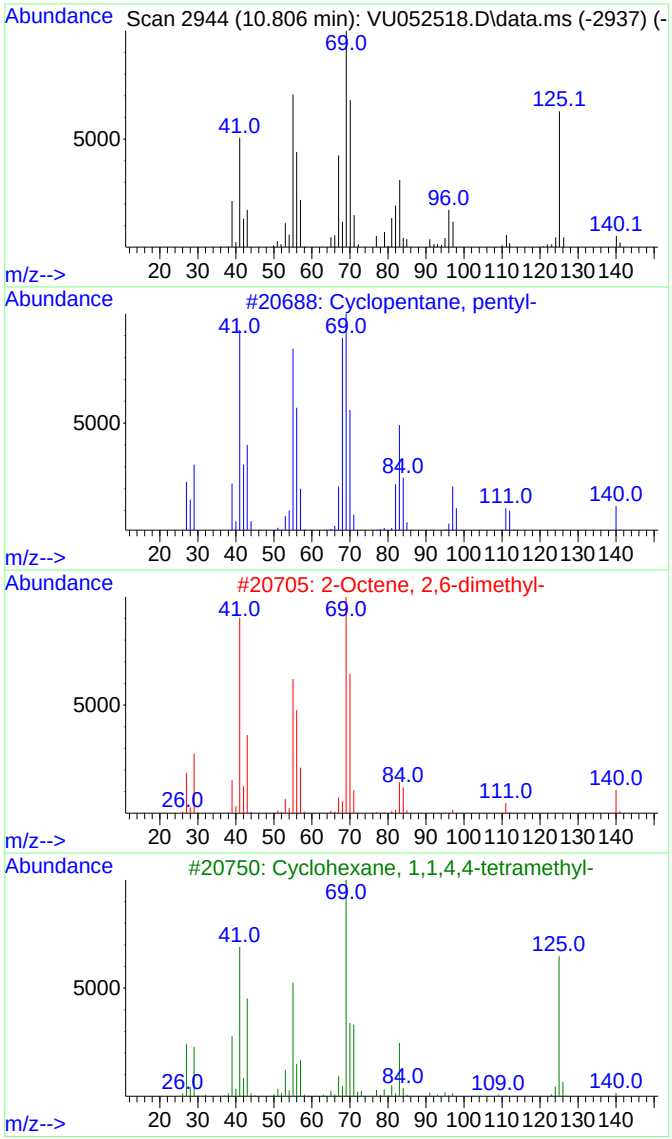
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

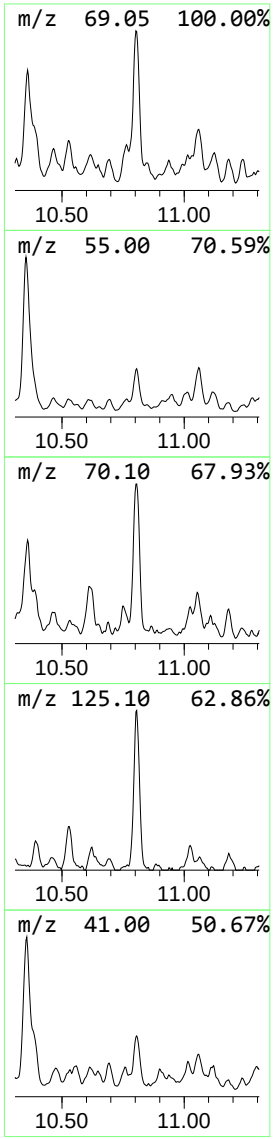
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Cyclic10.806 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.806	1.30 ug/L	188096	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	58
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

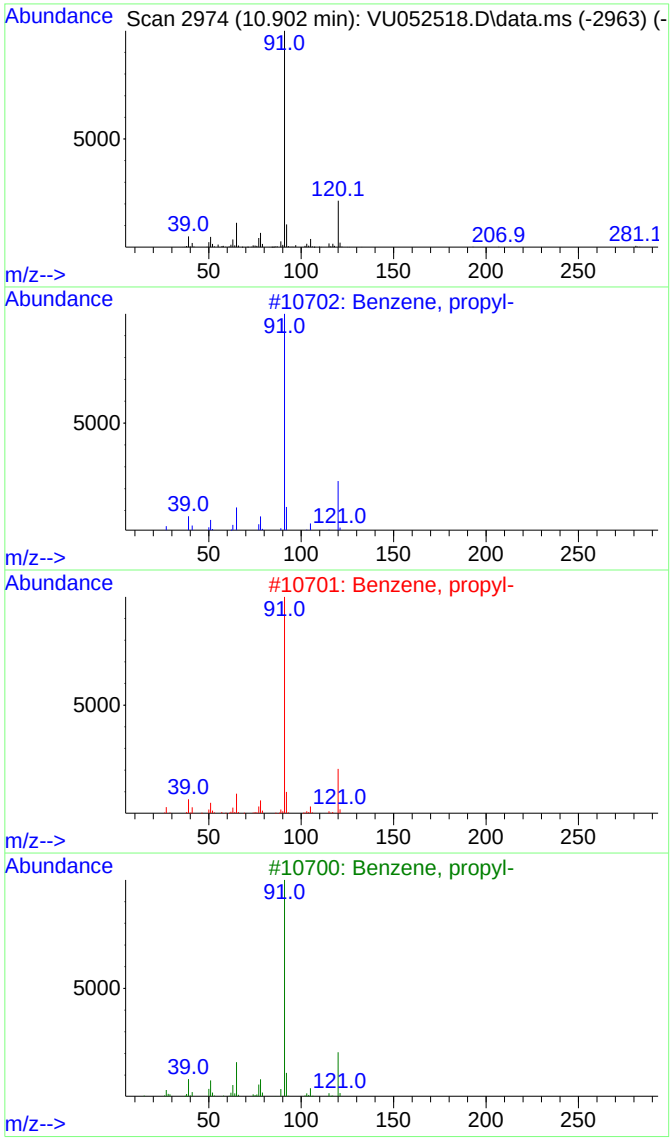
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

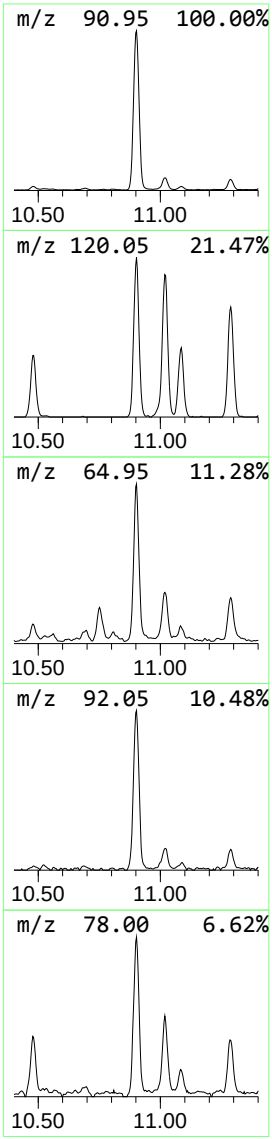
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	2.67 ug/L	386568	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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	Benzene, propyl-	120	C9H12	000103-65-1	80
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

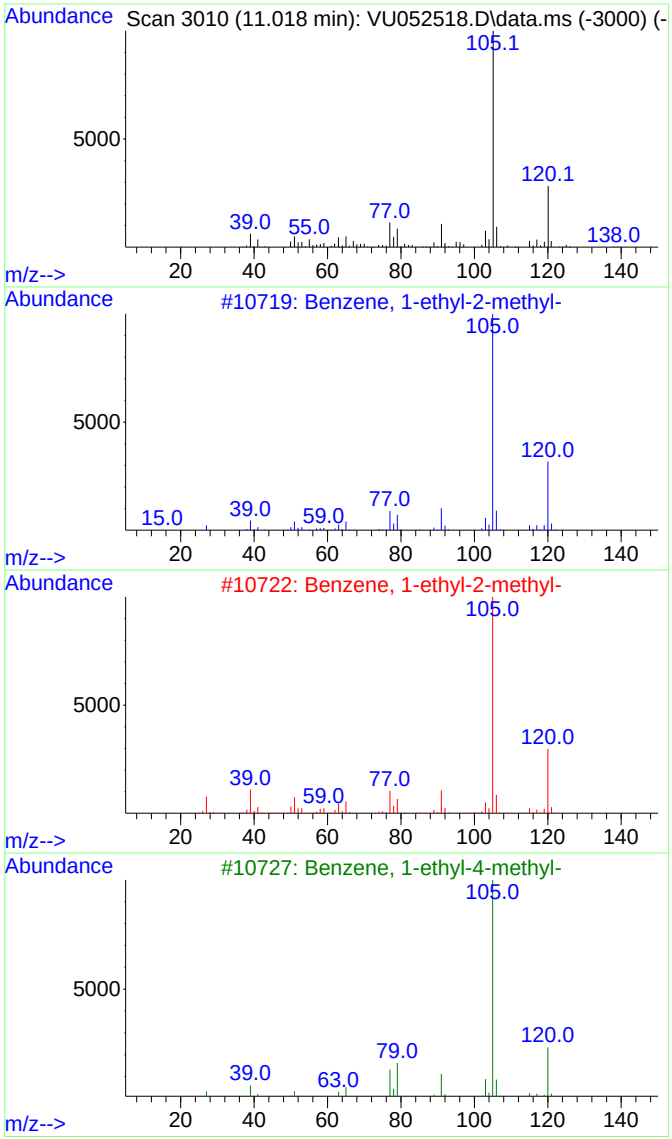
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

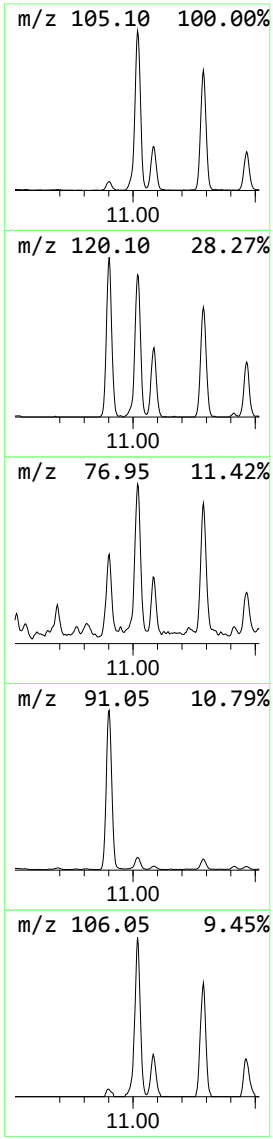
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1-ethyl-2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	2.30 ug/L	333271	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

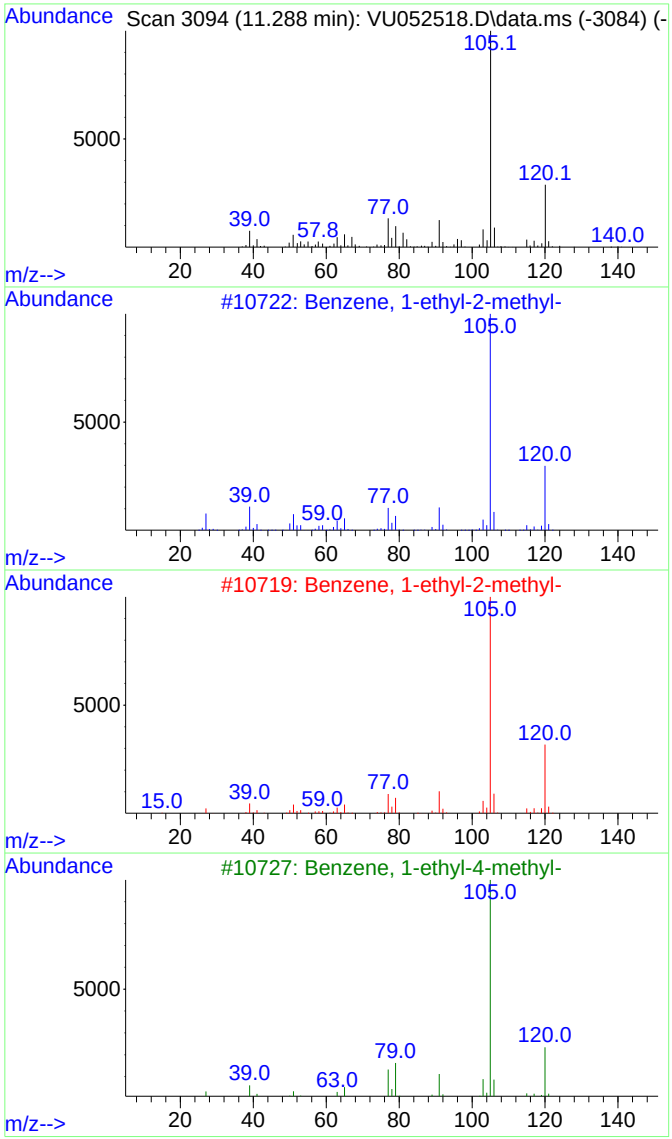
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

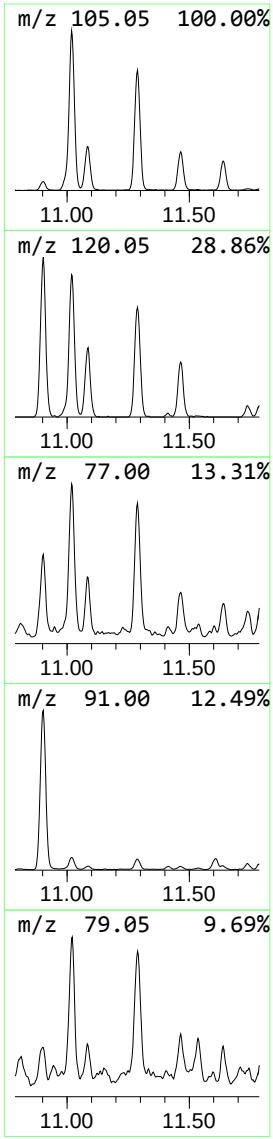
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-ethyl-4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	2.38 ug/L	344862	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

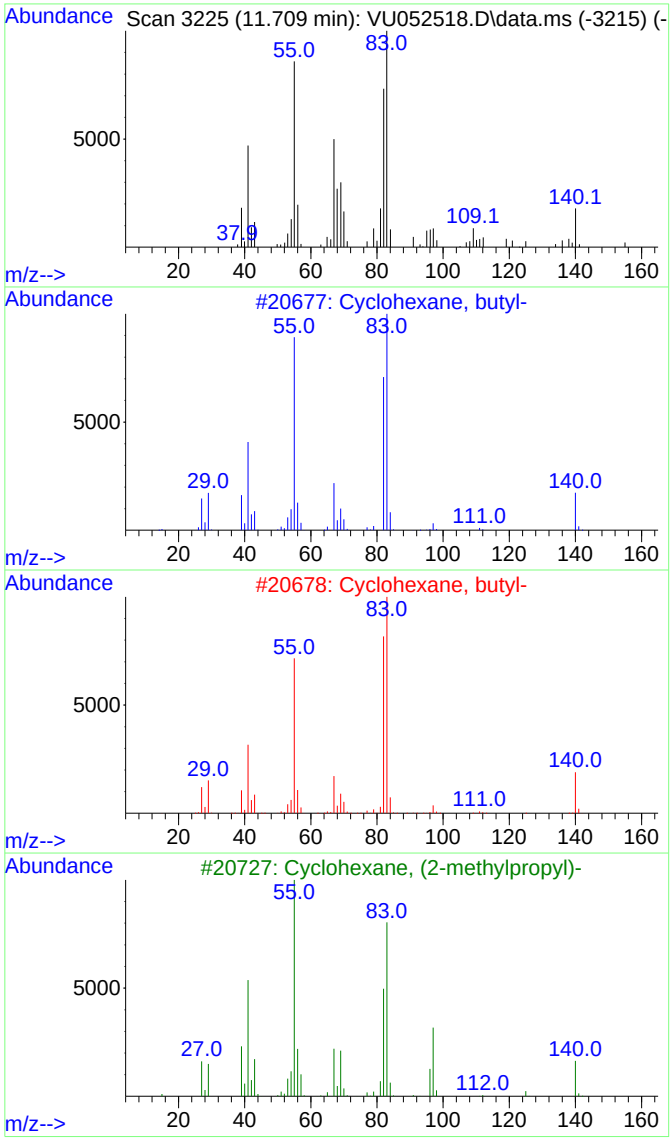
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

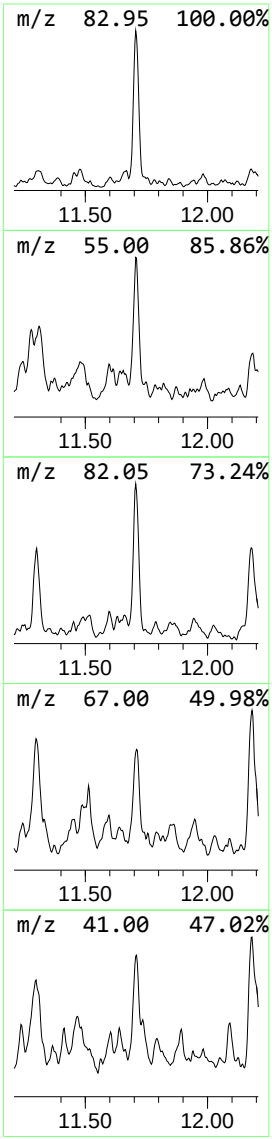
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Cyclic11.709 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	0.59 ug/L	85527	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

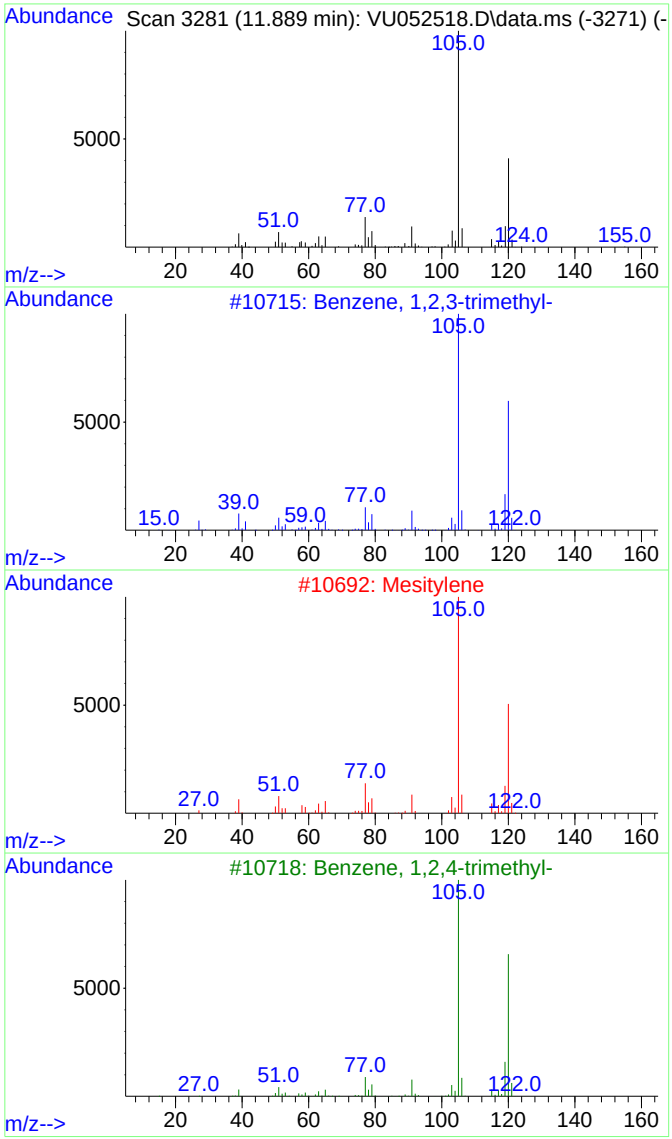
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

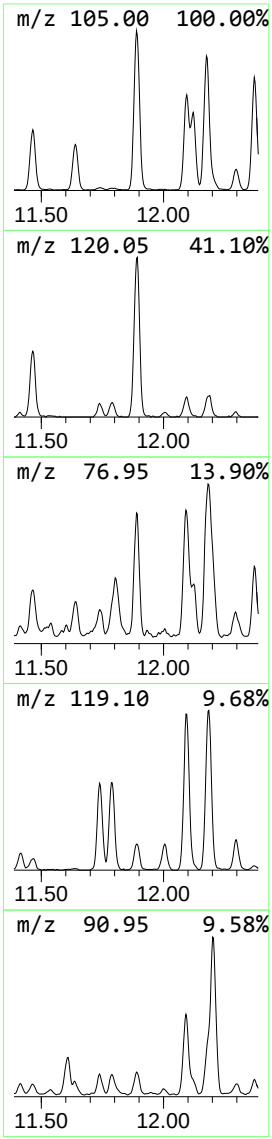
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1,2,3-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.889	1.45 ug/L	210226	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

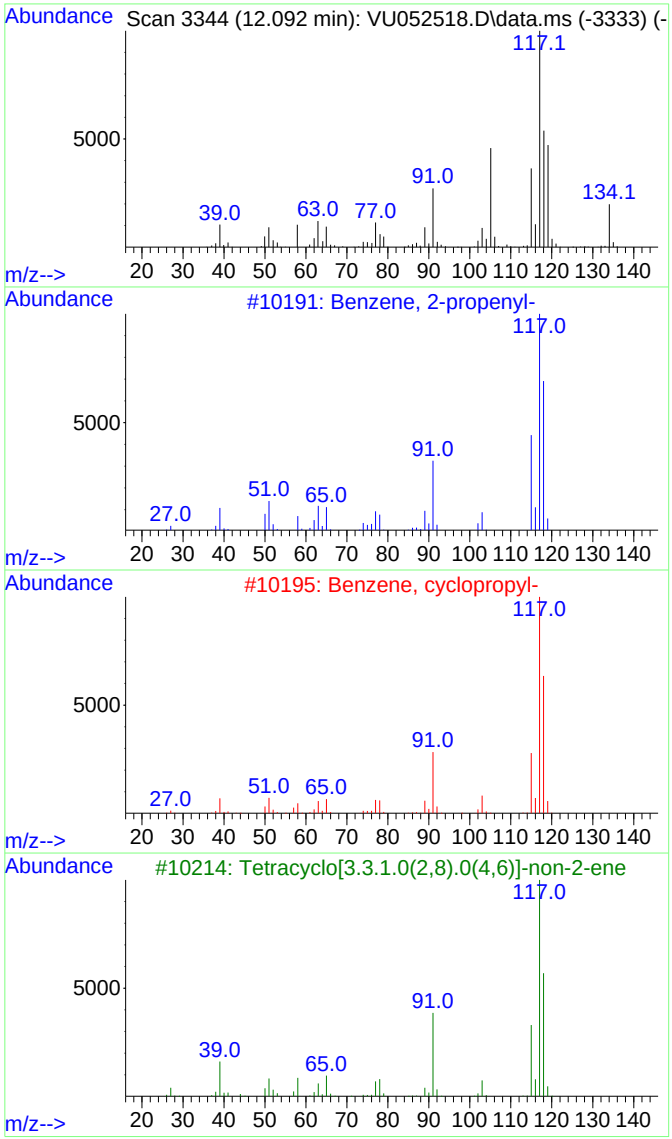
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

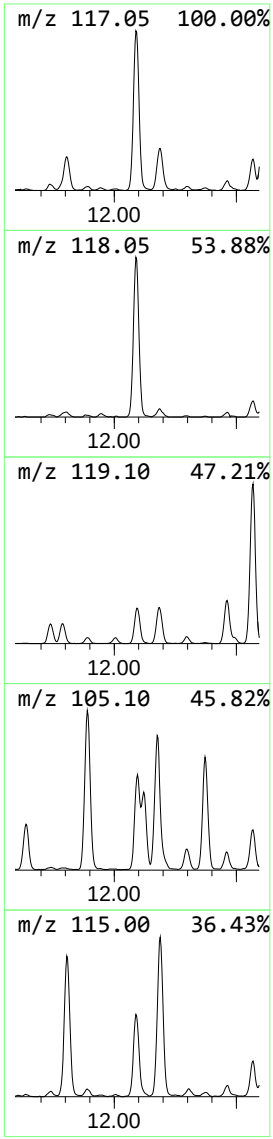
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 2-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	4.02 ug/L	582721	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	55
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

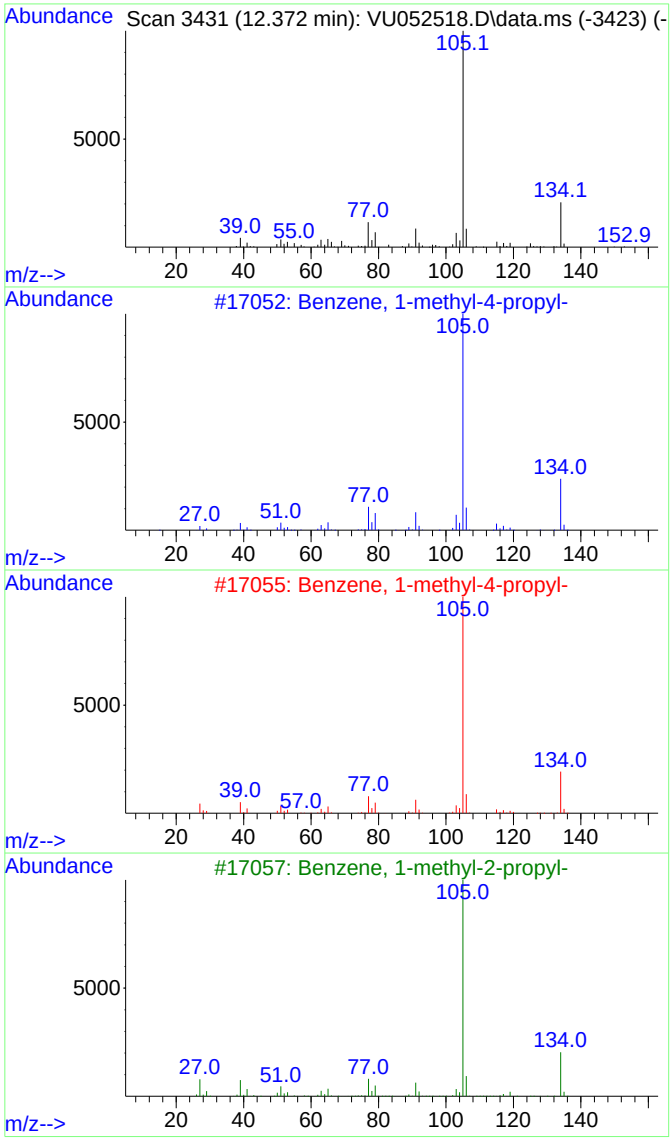
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

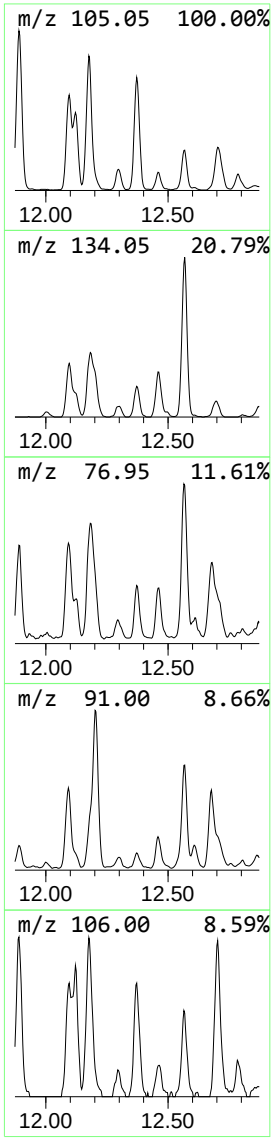
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1-methyl-4-propyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	0.99 ug/L	144002	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	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

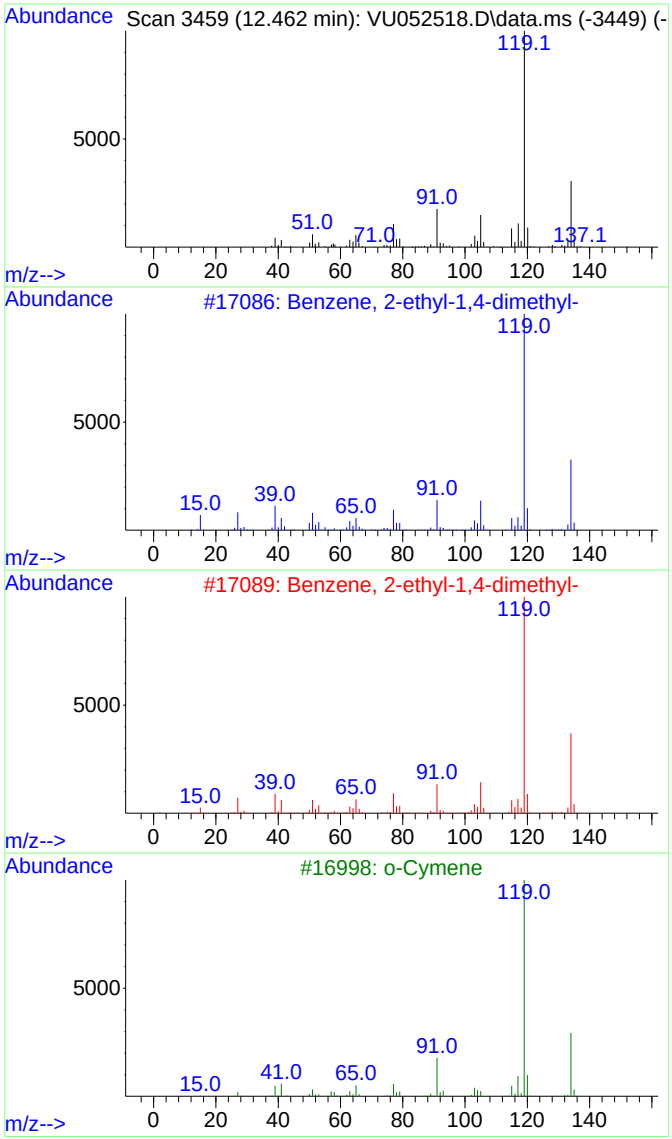
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

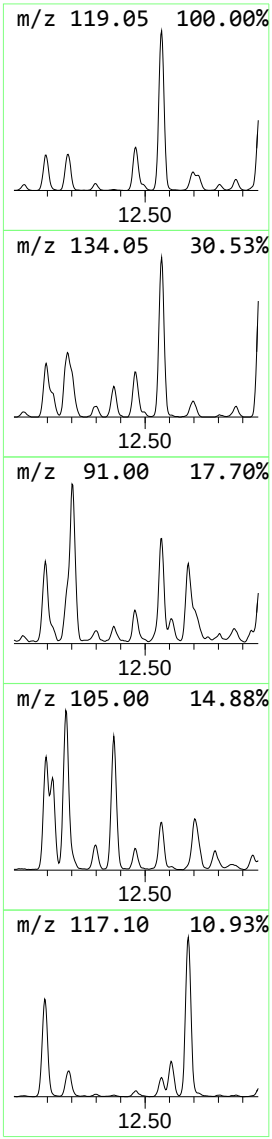
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	1.23 ug/L	178712	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

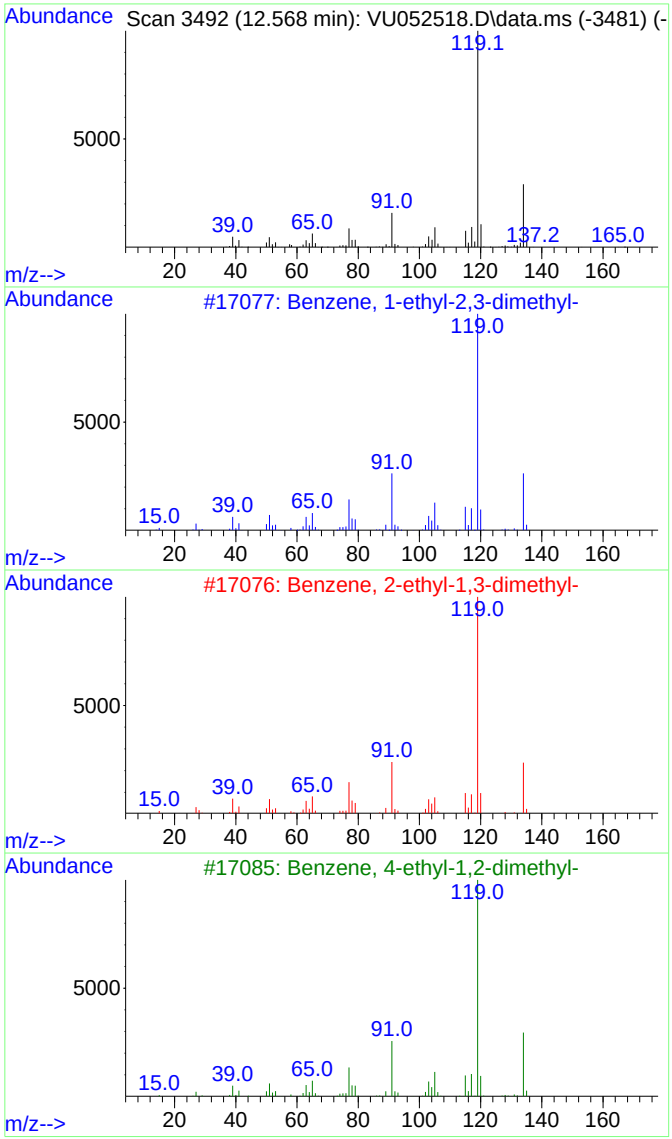
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

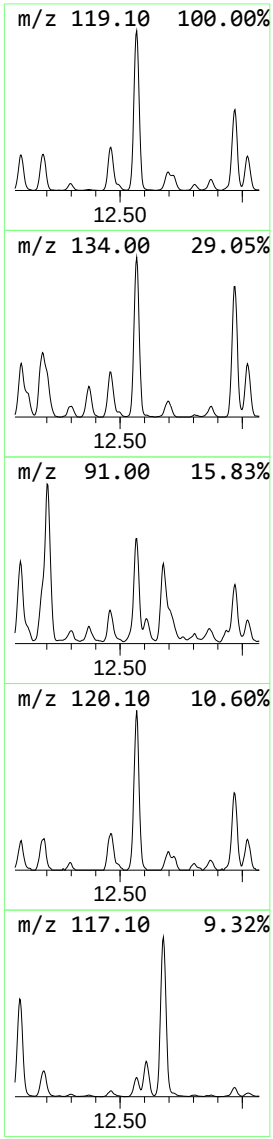
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	3.73 ug/L	541098	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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 : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

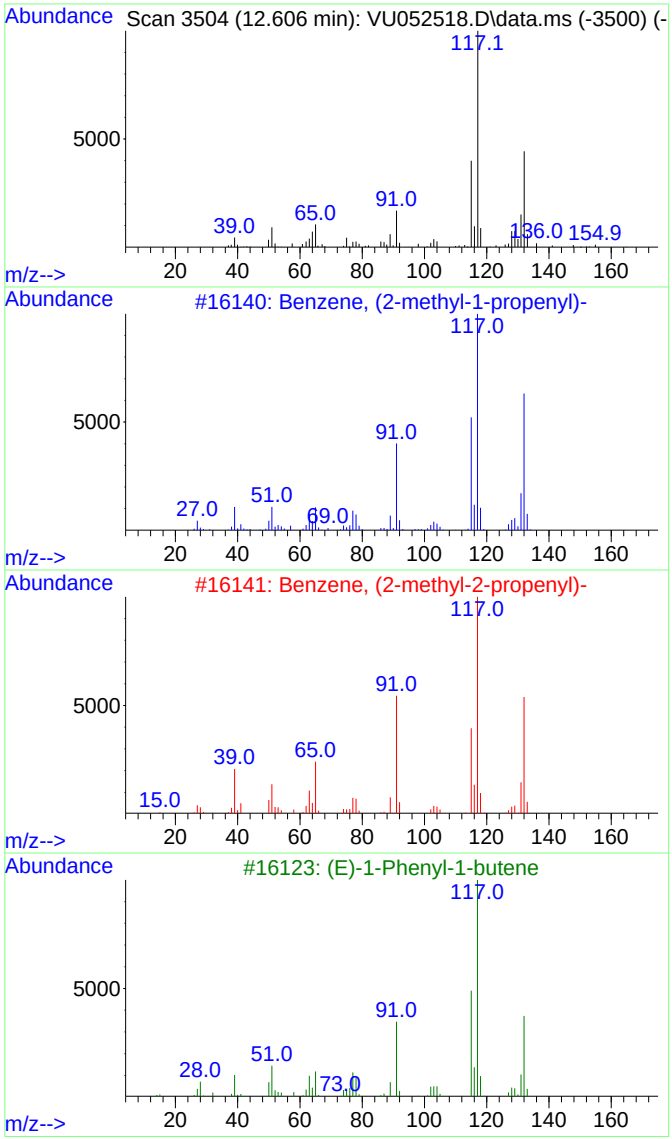
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

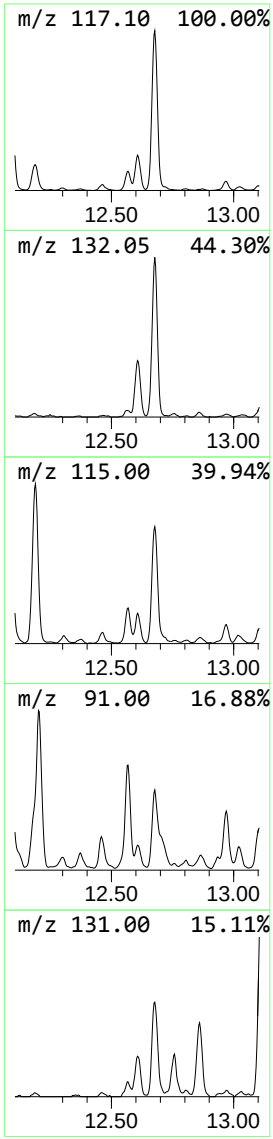
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, (2-methyl-1-propen... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.606	0.84 ug/L	121671	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	93
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

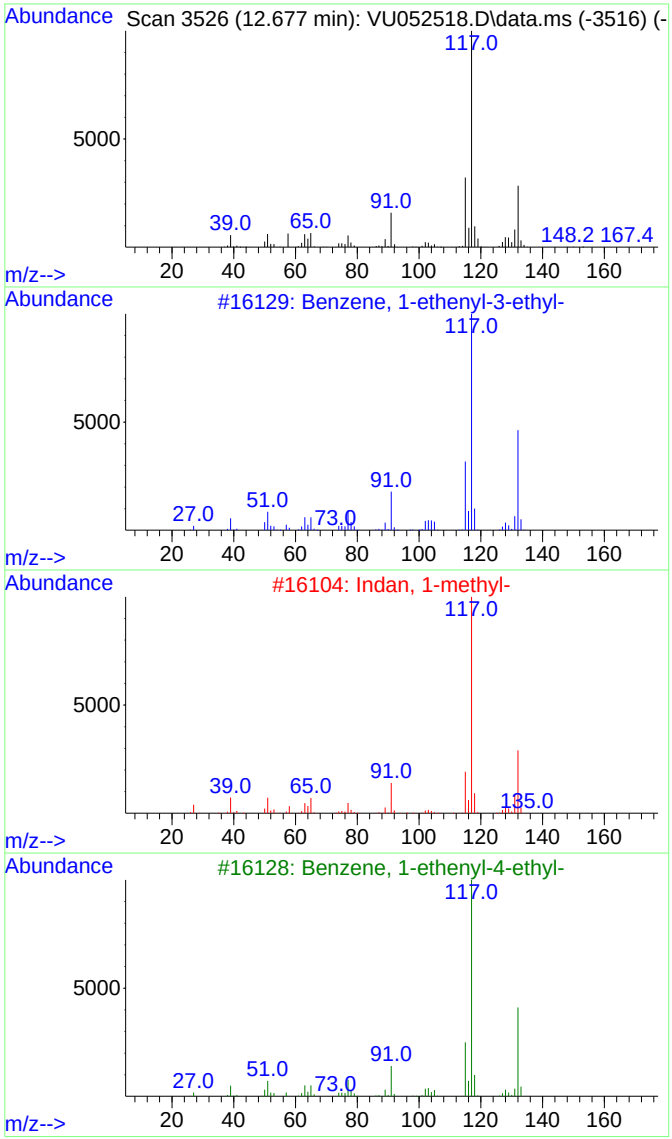
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

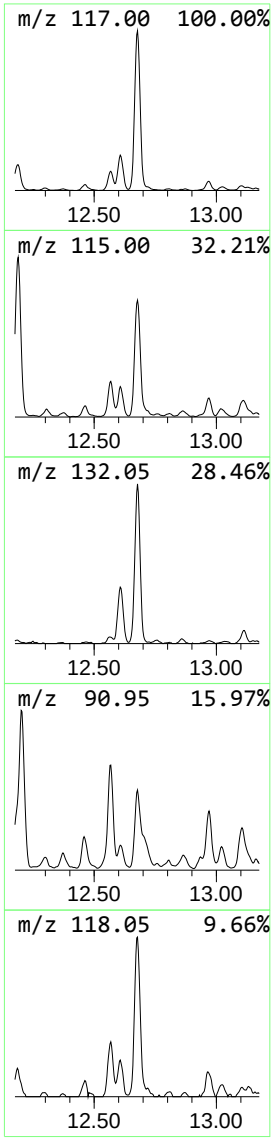
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	4.46 ug/L	646447	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

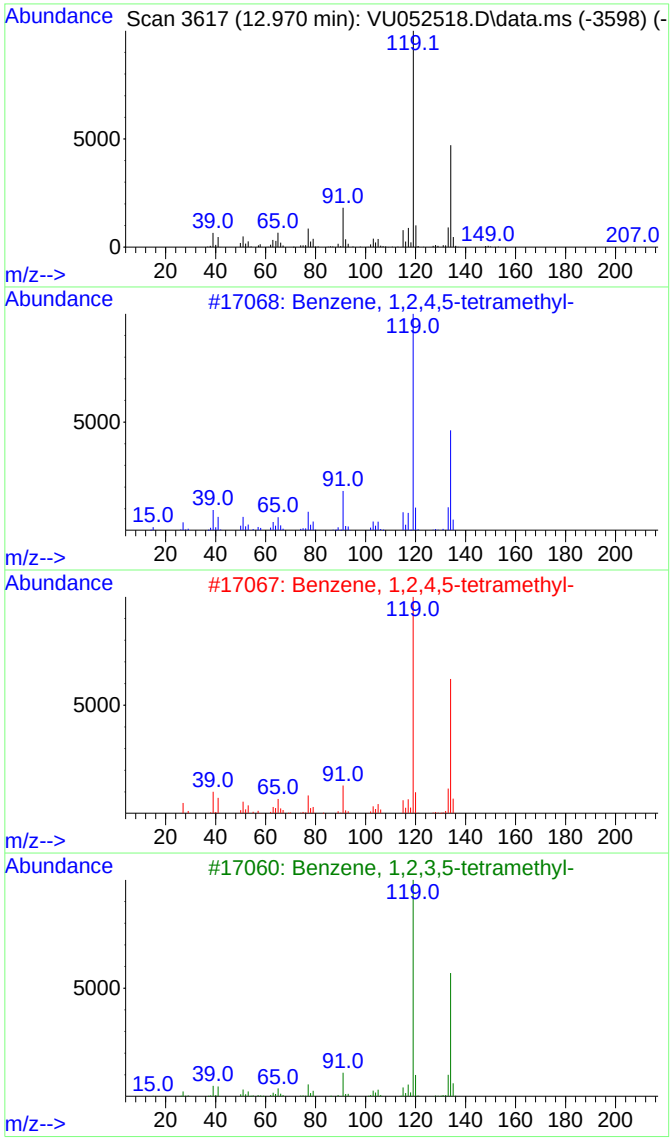
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

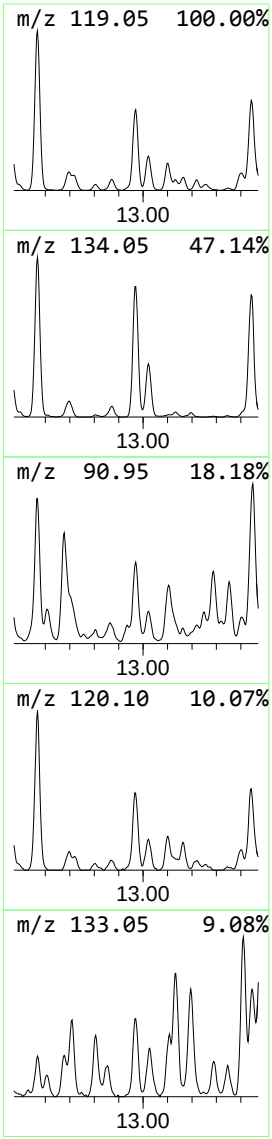
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	2.40 ug/L	348341	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	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

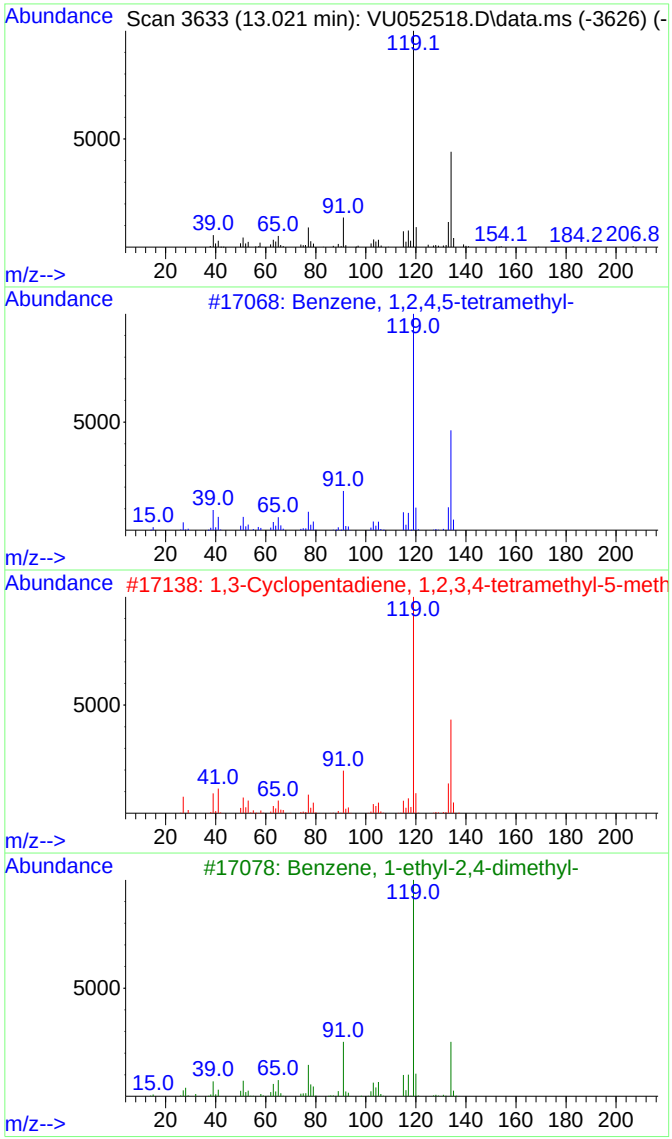
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

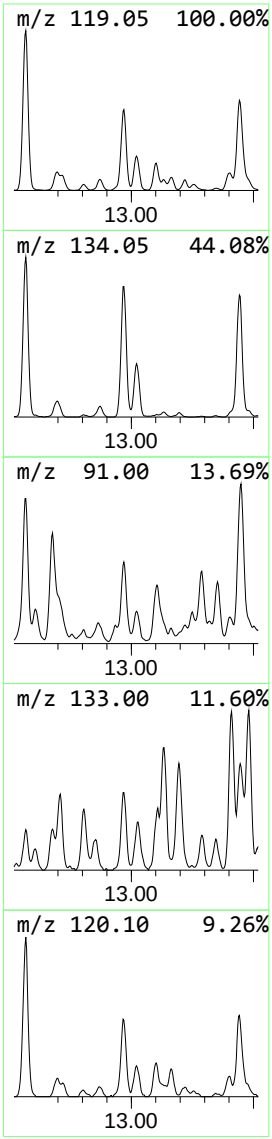
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	1.12 ug/L	162588	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	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

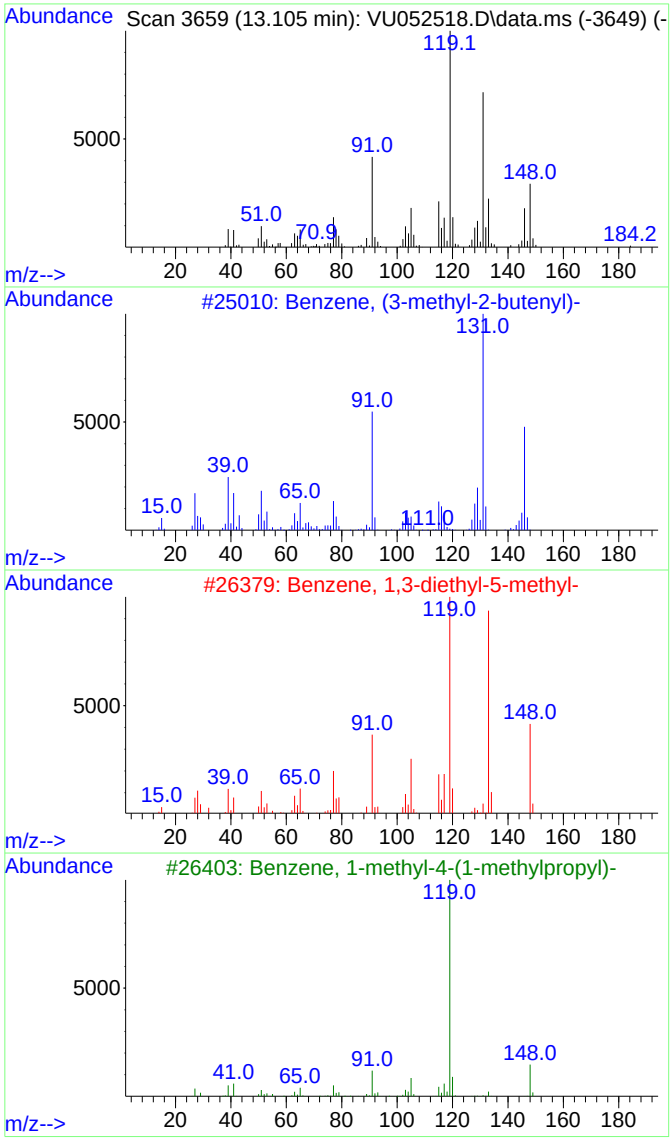
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

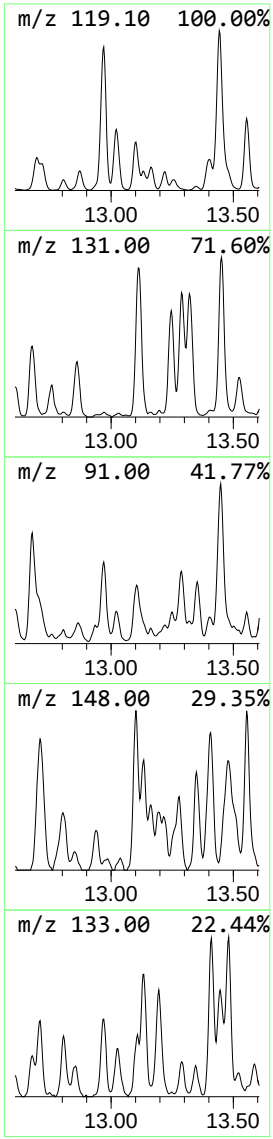
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, (3-methyl-2-butenyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	1.89 ug/L	273401	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	50
5	o-Cymene	134	C10H14	000527-84-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

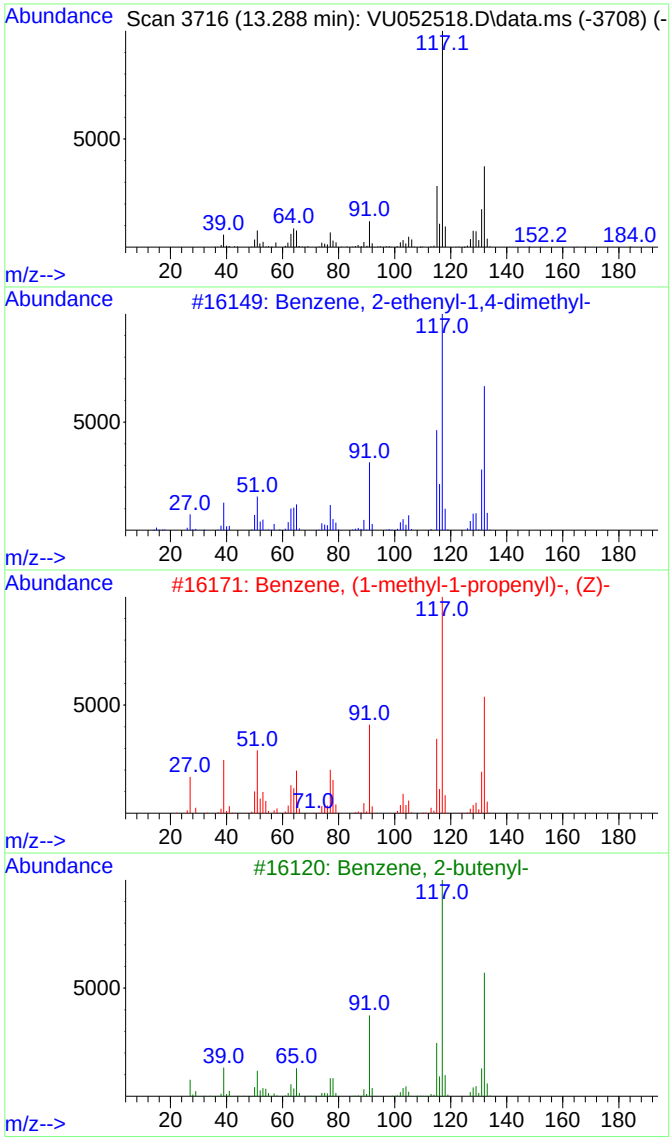
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

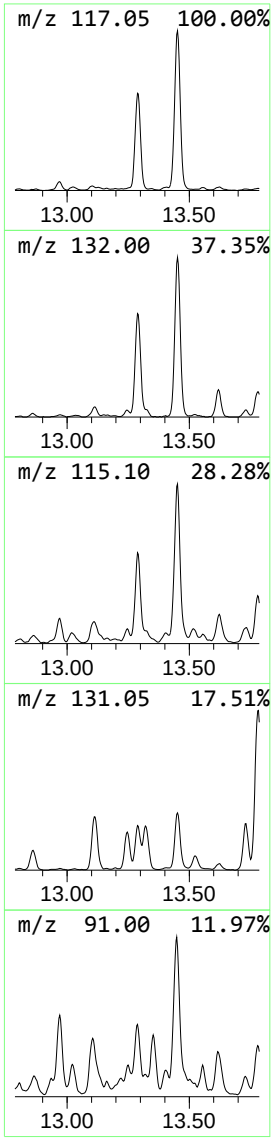
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	2.13 ug/L	308560	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

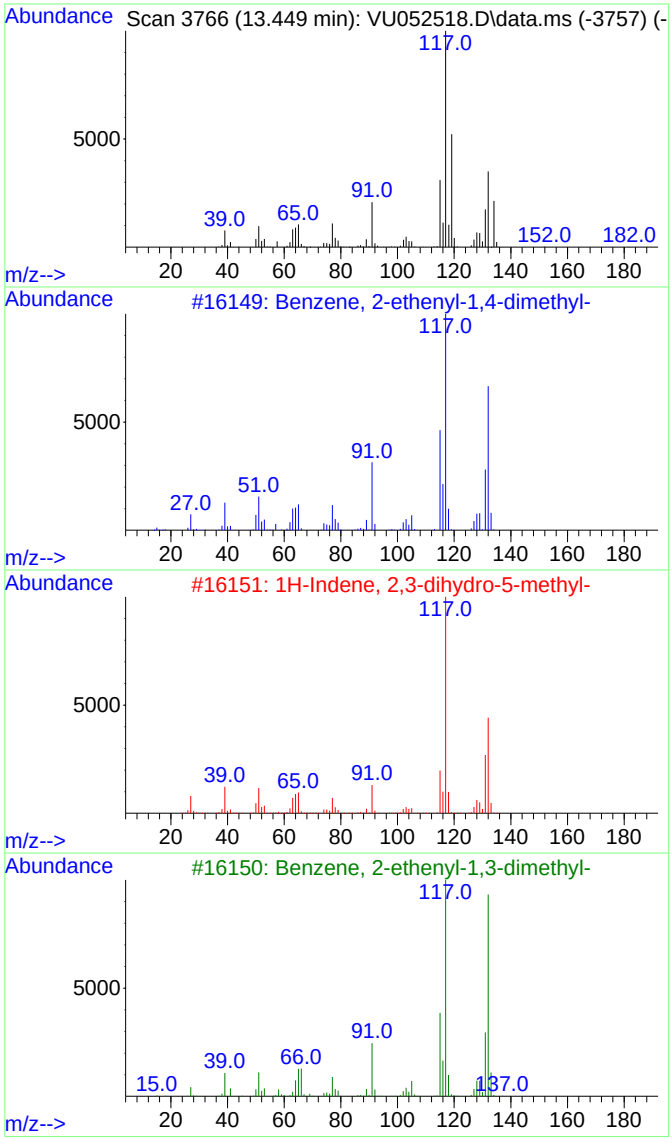
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

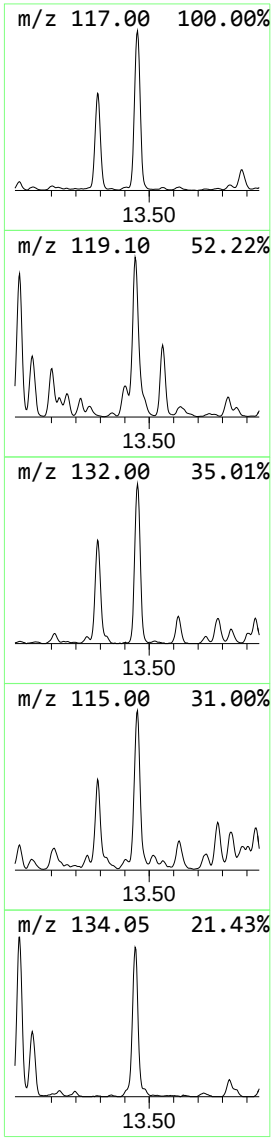
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	5.99 ug/L	868280	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

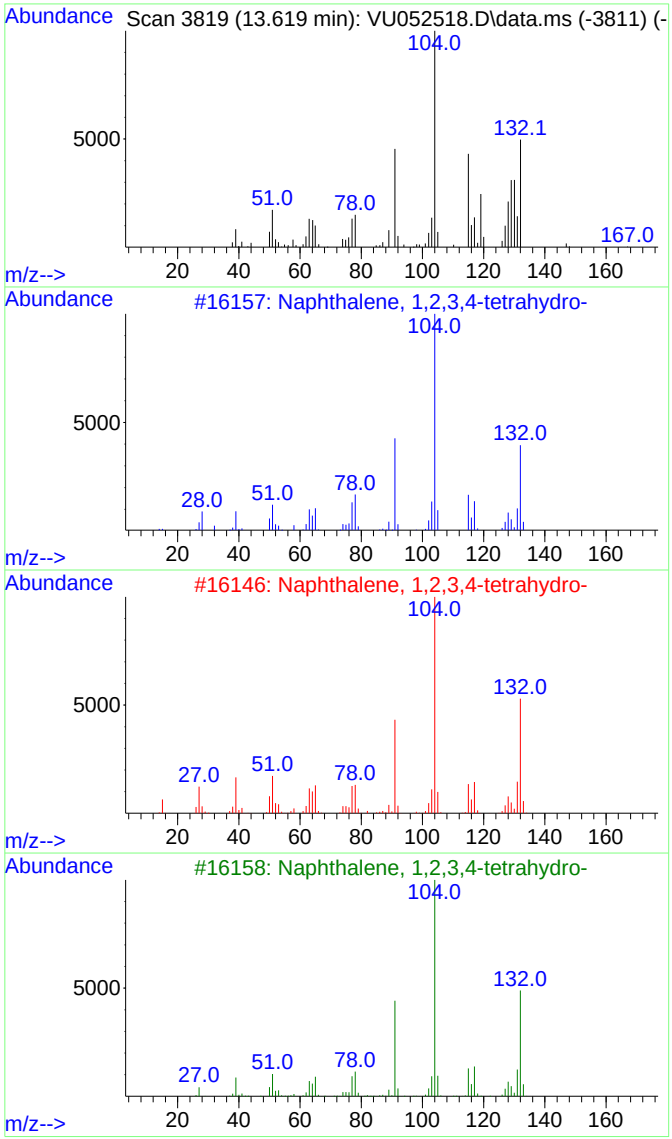
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

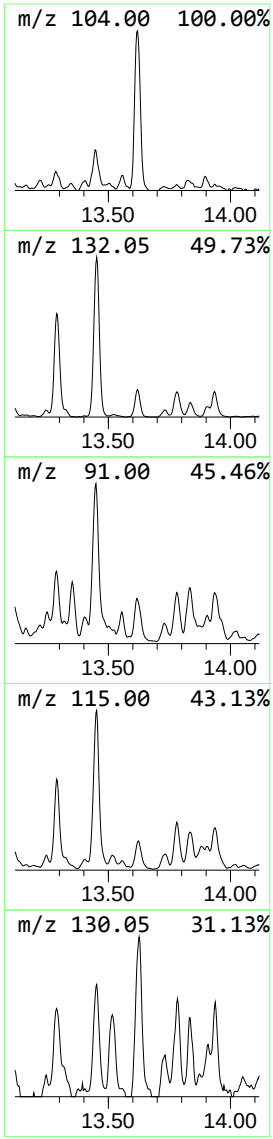
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	1.24 ug/L	180334	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

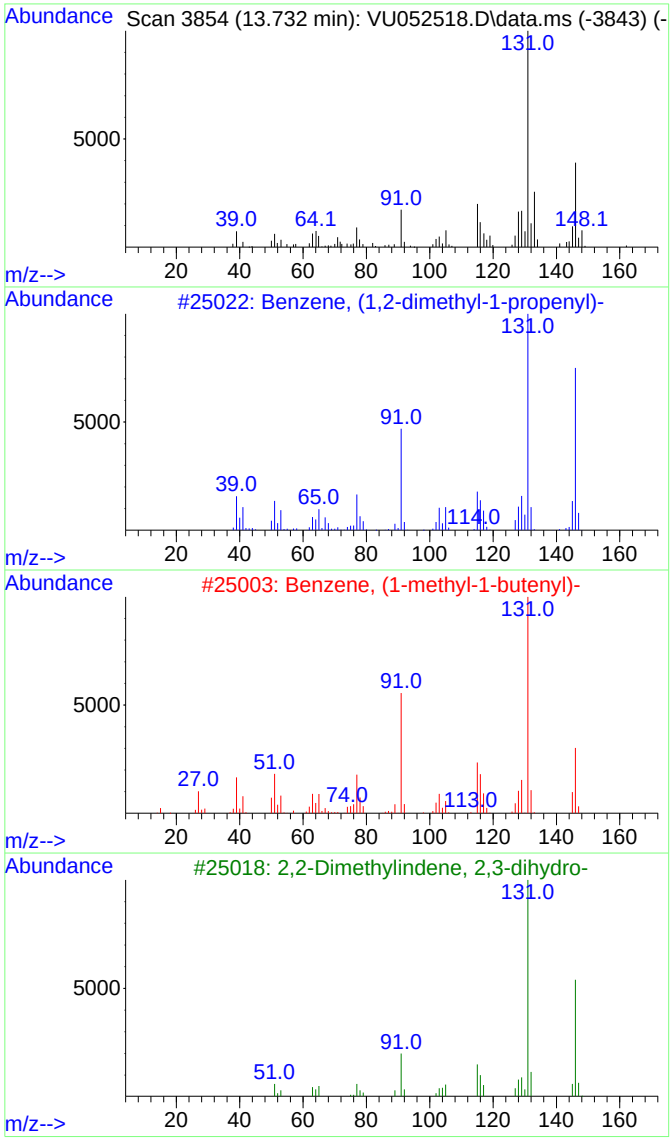
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

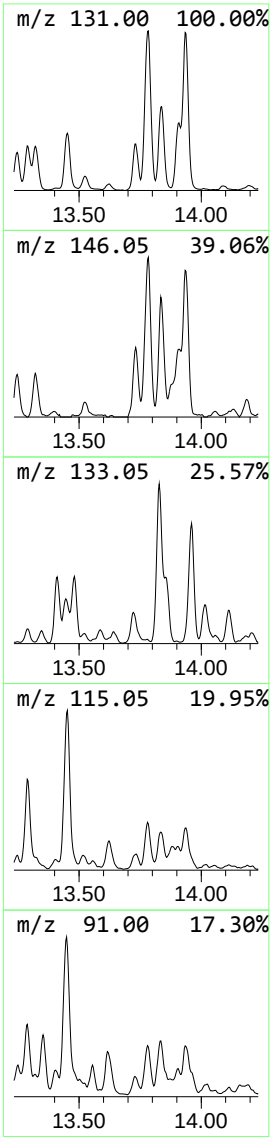
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.732	0.78 ug/L	113771	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	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
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 : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

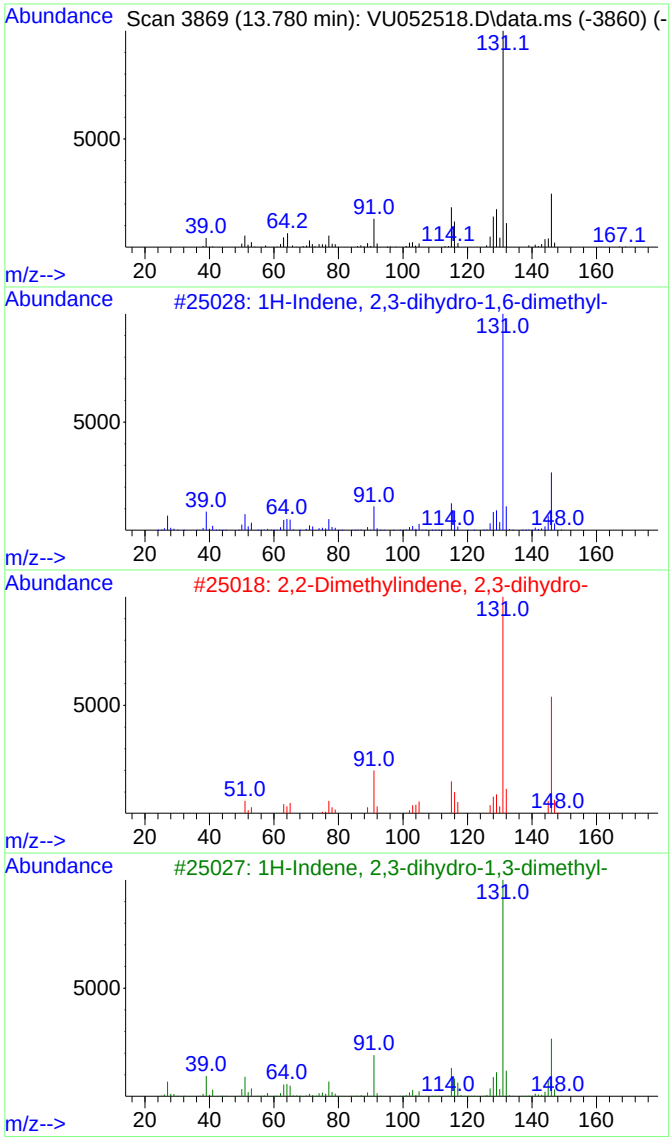
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

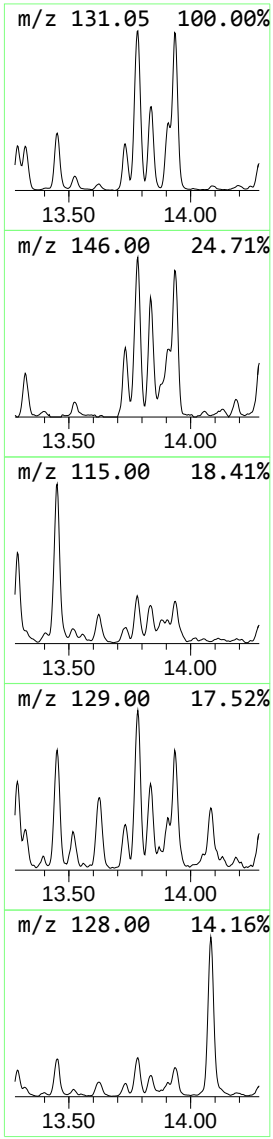
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	1.65 ug/L	239701	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	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

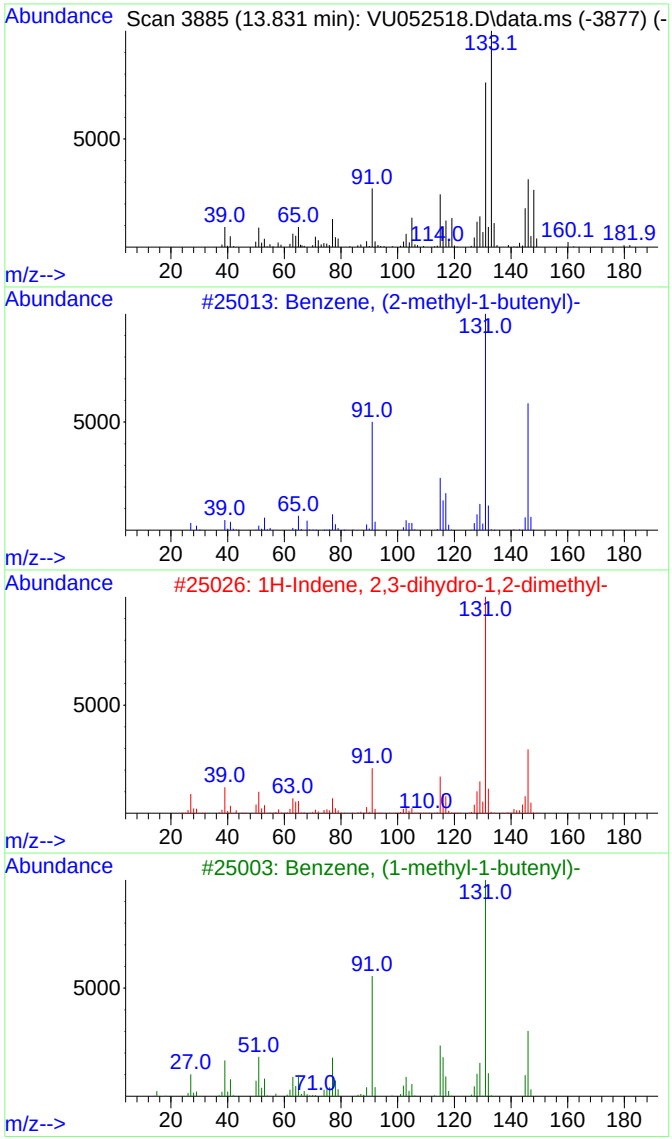
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

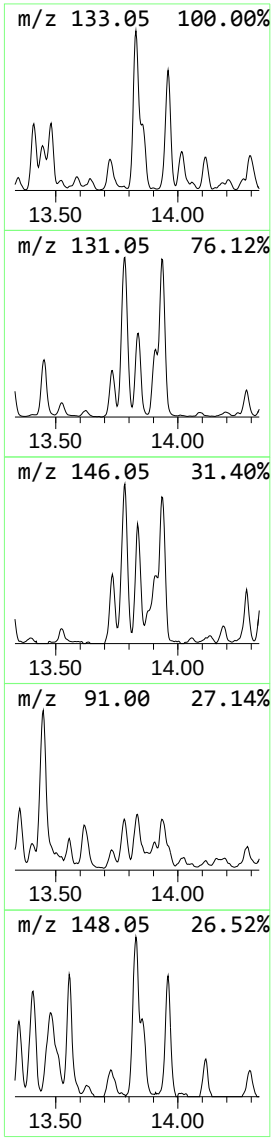
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Benzene, (2-methyl-1-butenyl)- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.832	1.76 ug/L	254650	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	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

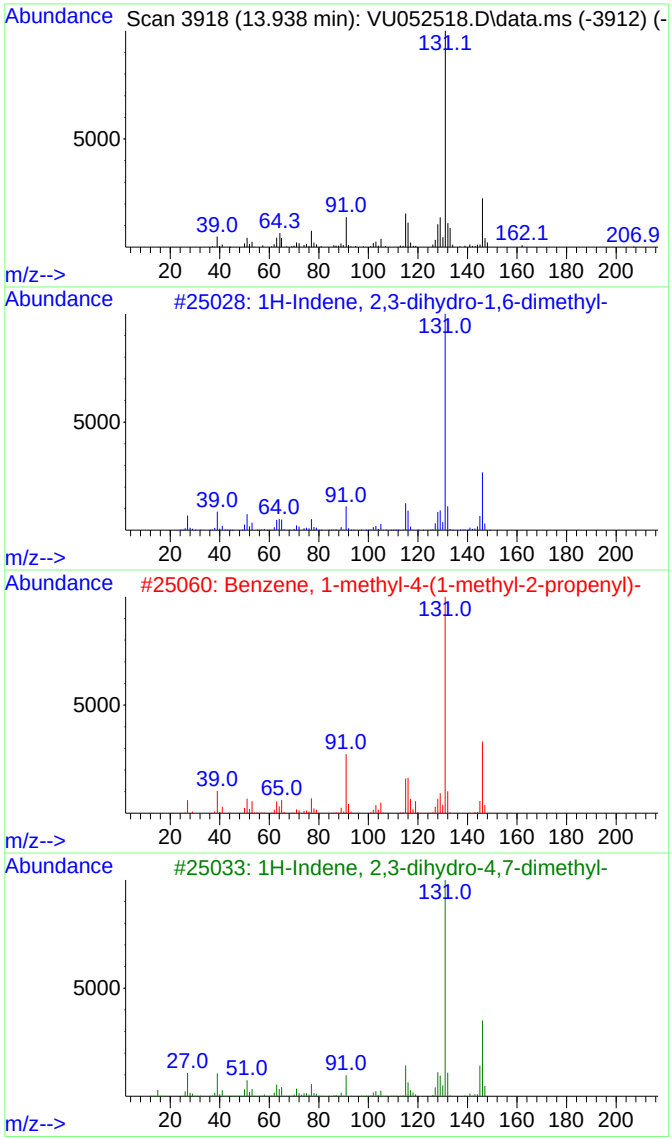
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

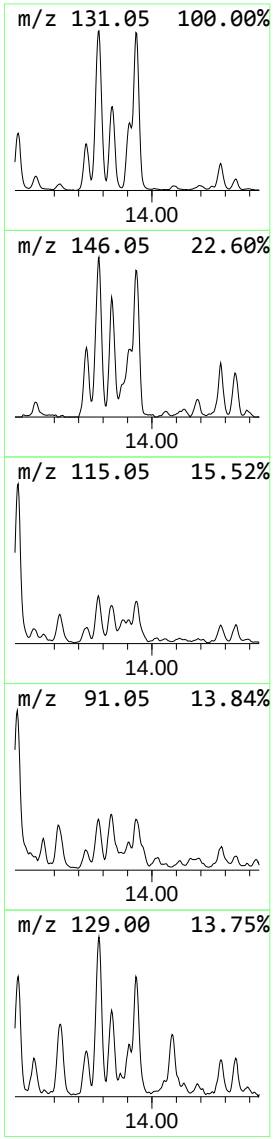
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	2.23 ug/L	323791	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	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

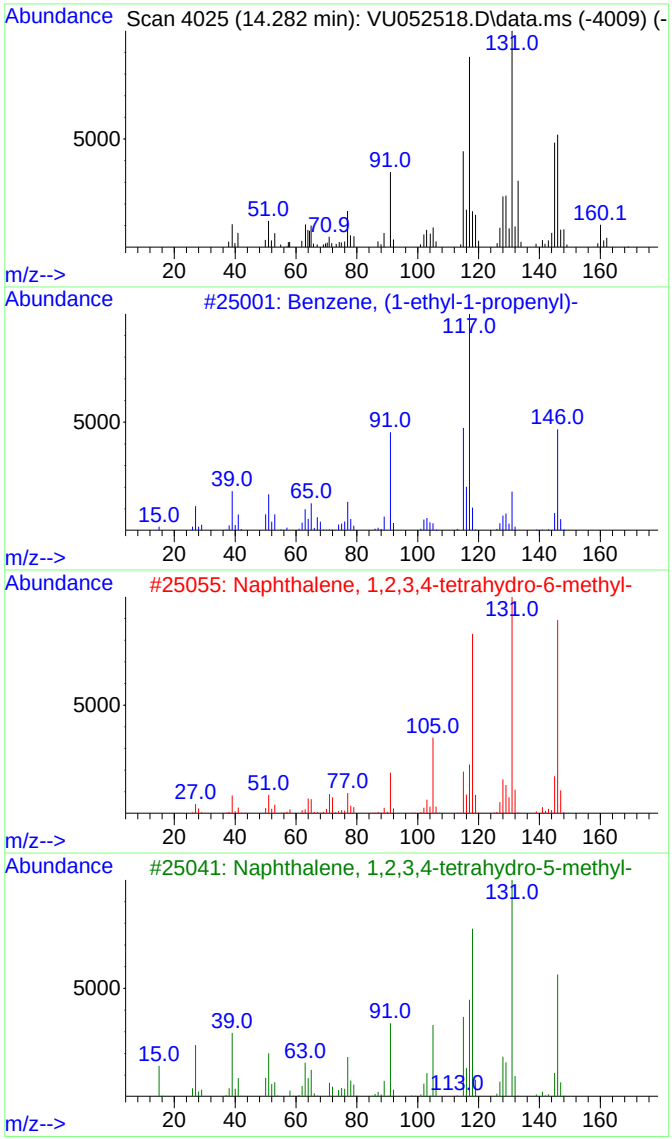
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

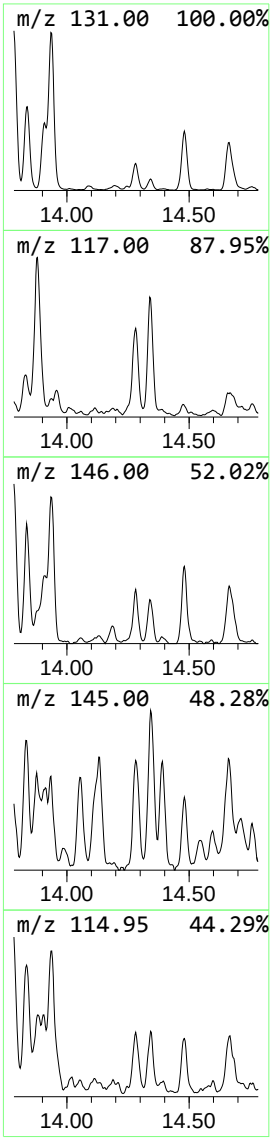
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.282	1.02 ug/L	147211	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	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	58
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

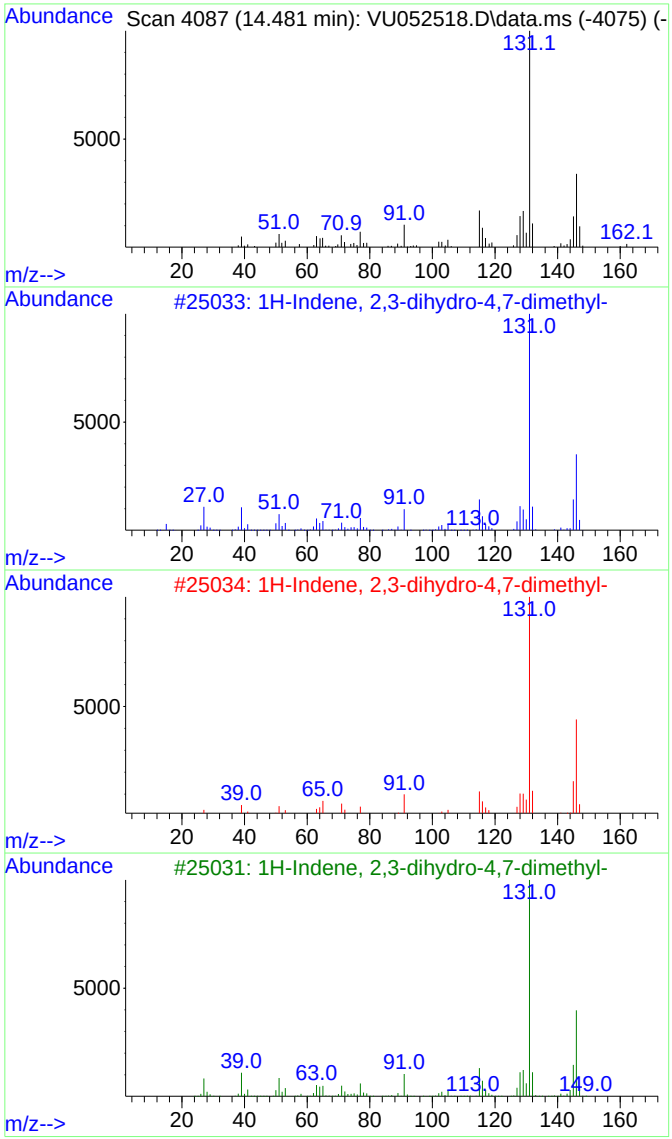
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

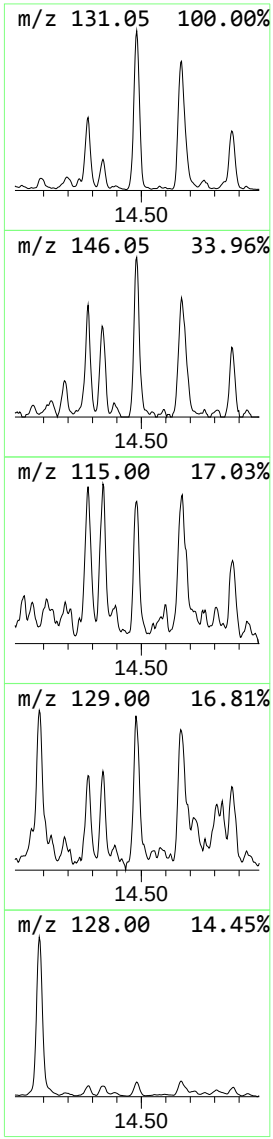
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	0.82 ug/L	119030	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	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

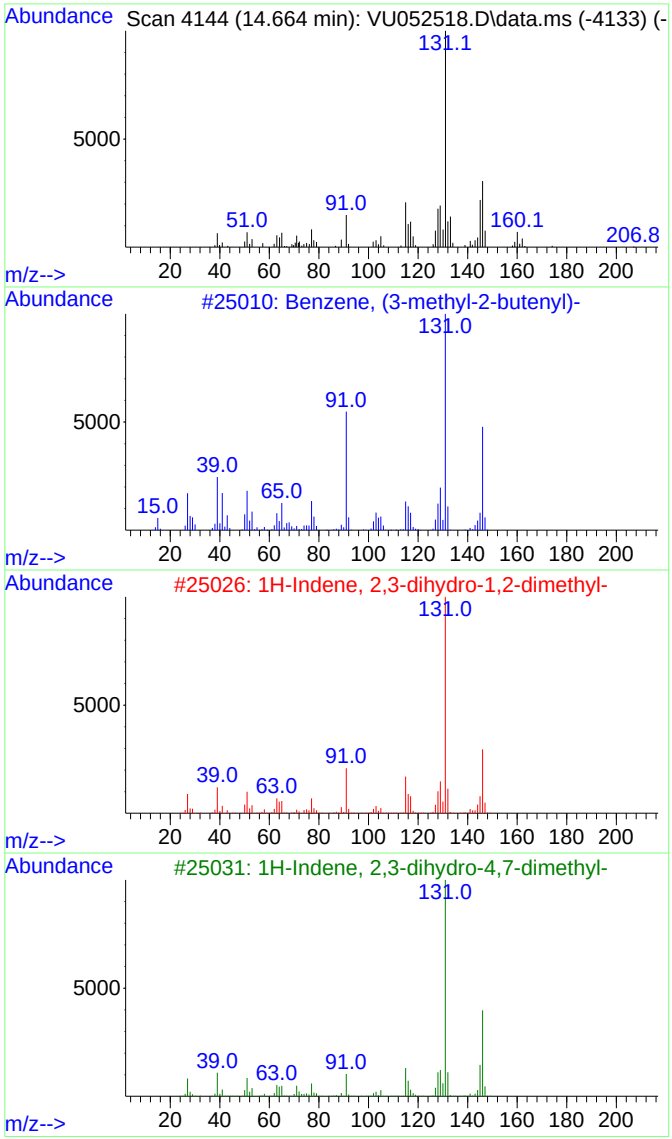
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

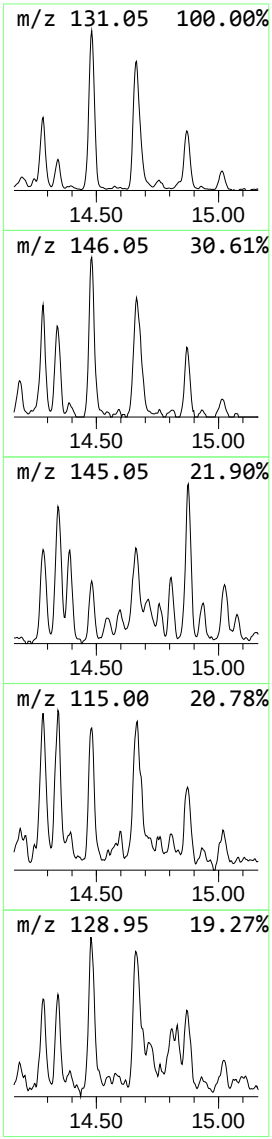
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.664	1.18 ug/L	170425	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	74
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052518.D
Acq On : 23 Dec 2022 02:00
Operator : JC/MD
Sample : N6169-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA3

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	7.4	ug/L	788106	1	6.247	535589	5.0
(DEL) Alkane: S...	1.996	2.6	ug/L	275641	1	6.247	535589	5.0
(DEL) Alkane: S...	2.157	1.6	ug/L	167110	1	6.247	535589	5.0
(DEL) Alkane: S...	2.205	4.4	ug/L	473370	1	6.247	535589	5.0
(DEL) Alkane: S...	3.137	1.0	ug/L	103752	1	6.247	535589	5.0
(DEL) Alkane: S...	3.581	1.4	ug/L	151620	1	6.247	535589	5.0
(DEL) Alkane: S...	3.697	8.0	ug/L	860083	1	6.247	535589	5.0
(DEL) Alkane: S...	3.977	0.9	ug/L	95953	1	6.247	535589	5.0
(DEL) Alkane: C...	4.530	7.6	ug/L	817755	1	6.247	535589	5.0
Cyclopentene, 3...	5.176	1.3	ug/L	135757	1	6.247	535589	5.0
(DEL) Alkane: S...	5.459	3.4	ug/L	361672	1	6.247	535589	5.0
(DEL) Alkane: S...	5.591	8.3	ug/L	883700	1	6.247	535589	5.0
(DEL) Alkane: C...	5.848	5.5	ug/L	587431	1	6.247	535589	5.0
(DEL) Alkane: C...	5.919	5.4	ug/L	579095	1	6.247	535589	5.0
(DEL) Alkane: C...	5.986	9.0	ug/L	961609	1	6.247	535589	5.0
(DEL) Alkane: S...	6.131	12.9	ug/L	1377260	1	6.247	535589	5.0
(DEL) Alkane: S...	6.864	1.5	ug/L	156040	1	6.247	535589	5.0
(DEL) Alkane: C...	6.980	3.4	ug/L	362432	1	6.247	535589	5.0
(DEL) Alkane: C...	7.070	3.9	ug/L	418707	1	6.247	535589	5.0
(DEL) Alkane: C...	7.234	5.8	ug/L	618417	1	6.247	535589	5.0
Cyclobutane, (1...	7.394	2.9	ug/L	306954	1	6.247	535589	5.0
(DEL) Alkane: S...	7.494	4.9	ug/L	524695	1	6.247	535589	5.0
(DEL) Alkane: S...	7.655	3.1	ug/L	335331	1	6.247	535589	5.0
Cyclohexene, 1-...	7.758	3.4	ug/L	366118	1	6.247	535589	5.0
(DEL) Alkane: C...	8.021	3.0	ug/L	374397	2	9.414	618641	5.0
(DEL) Alkane: C...	8.095	1.2	ug/L	147498	2	9.414	618641	5.0
(DEL) Alkane: C...	8.240	7.1	ug/L	873814	2	9.414	618641	5.0
(DEL) Alkane: C...	8.365	3.1	ug/L	383321	2	9.414	618641	5.0
5,5-Dimethyl-1,...	8.407	1.9	ug/L	240391	2	9.414	618641	5.0
(DEL) Alkane: C...	8.803	2.5	ug/L	313723	2	9.414	618641	5.0
(DEL) Alkane: C...	8.861	6.2	ug/L	772099	2	9.414	618641	5.0
(DEL) Alkane: C...	8.922	5.0	ug/L	614055	2	9.414	618641	5.0
(DEL) Alkane: S...	9.066	2.8	ug/L	341090	2	9.414	618641	5.0
(DEL) Alkane: S...	9.118	0.9	ug/L	107652	2	9.414	618641	5.0
(DEL) Alkane: C...	9.163	2.3	ug/L	288179	2	9.414	618641	5.0
(DEL) Alkane: S...	9.208	1.9	ug/L	239865	2	9.414	618641	5.0
(DEL) Alkane: S...	9.330	3.2	ug/L	401264	2	9.414	618641	5.0
unknown-01	9.883	1.1	ug/L	137649	2	9.414	618641	5.0
(DEL) Alkane: C...	10.031	3.5	ug/L	435084	2	9.414	618641	5.0
Pentalene, octa...	10.269	4.9	ug/L	604605	2	9.414	618641	5.0
Cyclohexanone, ...	10.356	4.9	ug/L	604162	2	9.414	618641	5.0
(DEL) Alkane: C...	10.806	1.3	ug/L	188096	3	11.806	725123	5.0
Benzene, propyl-	10.902	2.7	ug/L	386568	3	11.806	725123	5.0
Benzene, 1-ethy...	11.018	2.3	ug/L	333271	3	11.806	725123	5.0
Benzene, 1-ethy...	11.288	2.4	ug/L	344862	3	11.806	725123	5.0
(DEL) Alkane: C...	11.709	0.6	ug/L	85527	3	11.806	725123	5.0
Benzene, 1,2,3-...	11.889	1.5	ug/L	210226	3	11.806	725123	5.0
Benzene, 2-prop...	12.092	4.0	ug/L	582721	3	11.806	725123	5.0
Benzene, 1-meth...	12.372	1.0	ug/L	144002	3	11.806	725123	5.0
Benzene, 2-ethy...	12.462	1.2	ug/L	178712	3	11.806	725123	5.0
Benzene, 1-ethy...	12.568	3.7	ug/L	541098	3	11.806	725123	5.0
Benzene, (2-met...	12.606	0.8	ug/L	121671	3	11.806	725123	5.0

Benzene, 1-ethe...	12.677	4.5	ug/L	646447	3	11.806	725123	5.0
Benzene, 1,2,4,...	12.970	2.4	ug/L	348341	3	11.806	725123	5.0
Benzene, 1,2,3,...	13.021	1.1	ug/L	162588	3	11.806	725123	5.0
Benzene, (3-met...	13.105	1.9	ug/L	273401	3	11.806	725123	5.0
Benzene, 2-ethe...	13.288	2.1	ug/L	308560	3	11.806	725123	5.0
1H-Indene, 2,3-...	13.449	6.0	ug/L	868280	3	11.806	725123	5.0
Naphthalene, 1,...	13.619	1.2	ug/L	180334	3	11.806	725123	5.0
Benzene, (1,2-d...	13.732	0.8	ug/L	113771	3	11.806	725123	5.0
1H-Indene, 2,3-...	13.780	1.6	ug/L	239701	3	11.806	725123	5.0
Benzene, (2-met...	13.832	1.8	ug/L	254650	3	11.806	725123	5.0
1H-Indene, 2,3-...	13.938	2.2	ug/L	323791	3	11.806	725123	5.0
Benzene, (1-eth...	14.282	1.0	ug/L	147211	3	11.806	725123	5.0
1H-Indene, 2,3-...	14.481	0.8	ug/L	119030	3	11.806	725123	5.0
1H-Indene, 2,3-...	14.664	1.2	ug/L	170425	3	11.806	725123	5.0

Instrument :
MSVOA_U
ClientSampleId :
GBQA3