LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

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: VU052488.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.996	192	204	230	rBV	4692385	6487719	14.91%	1.318%
2	2.205	259	269	294	rVB	5463054	7794328	17.91%	1.584%
3	3.083	518	542	554	rBV	6321350	15070150	34.62%	3.063%
4	3.362	606	629	669	rVB	4316628	9639433	22.15%	1.959%
5	3.700	715	734	761	rBV	7210294	15976121	36.70%	3.247%
6	3.915	788	801	812	rVV	391337	899759	2.07%	0.183%
7	4.433	947	962	975	rBV	419874	1062959	2.44%	0.216%
8	4.533	975	993	1012	rVV	8729525	21153656	48.60%	4.299%
9	4.661	1012	1033	1075	rVB3	532515	1840078	4.23%	0.374%
10	5.385	1238	1258	1272	rBV4	8612370	23003485	52.85%	4.675%
11	5.459	1273	1281	1305	rVB	1736650	4319631	9.92%	0.878%
12	5.591	1305	1322	1332	rBV	4401815	9821753	22.57%	1.996%
13	5.848	1377	1402	1413	rBV	4684922	10092837	23.19%	2.051%
14	5.918	1413	1424	1434	rVV2	3899677	8584193	19.72%	1.744%
15	5.989	1434	1446	1475	rVB	6374097	13923318	31.99%	2.830%
16	6.134	1475	1491	1503	rBV	6559078	12312566	28.29%	2.502%
17	6.291	1531	1540	1549	rBV2	811748	1555608	3.57%	0.316%
18	6.562	1608	1624	1652	rBV5	484871	1364543	3.14%	0.277%
19	6.764	1652	1687	1709	rBV	18602110	43525984	100.00%	8.845%
20	6.864	1709	1718	1731	rVB2	598043	1143440	2.63%	0.232%
21	6.980	1741	1754	1767	rVB	2860314	5183585	11.91%	1.053%
22	7.070	1767	1782	1796	rVB	1978010	3865655	8.88%	0.786%
23	7.234	1823	1833	1853	rVB3	2478369	5339619	12.27%	1.085%
24	7.394	1870	1883	1888	rBV	716247	1437684	3.30%	0.292%
25	7.497	1905	1915	1922	rBV	1574549	2439394	5.60%	0.496%
26	7.584	1936	1942	1956	rVB2	507166	871277	2.00%	0.177%
27	7.655	1956	1964	1972	rBV	1171478	1715477	3.94%	0.349%
28	7.761	1984	1997	2011	rVB6	1114889	2456005	5.64%	0.499%
29	7.854	2011	2026	2034	rBV2	5214918	10309273	23.69%	2.095%
30	8.028	2068	2080	2087	rBV4	1452836	3579540	8.22%	0.727%
31	8.095	2095	2101	2105	rBV	887629	1183102	2.72%	0.240%
32	8.127	2106	2111	2133	rVB2	2717030	4779247	10.98%	0.971%
33	8.240	2133	2146	2162	rVB2	3709345	7385766	16.97%	1.501%
34	8.365	2163	2185	2193	rBV2	2030799	4066928	9.34%	0.826%
35	8.407	2193	2198	2211	rVB2	739640	1269584	2.92%	0.258%
36	8.632	2248	2268	2282	rBV6	1258499	3217473	7.39%	0.654%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

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

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

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

37	8.803	2312	2321	2330	rVV6	1546521	2842907	6.53%	0.578%
38	8.864	2330	2340	2350	rVV	3488521	5666198	13.02%	1.151%
39	8.922	2350	2358	2368	rVB	2216061	3447818	7.92%	0.701%
40	9.066	2391	2403	2412	rBV5	918373	1839195	4.23%	0.374%
41	9.163	2425	2433	2441	rVV3	855963	1624227	3.73%	0.330%
42	9.208	2441	2447	2457	rVB3	816794	1347835	3.10%	0.274%
43	9.330	2470	2485	2501	rVB	1179491	2377669	5.46%	0.483%
44	9.507	2518	2540	2549	rBV2	1023233	2436910	5.60%	0.495%
45	9.565	2549	2558	2572	rVB	1810939	3048736	7.00%	0.620%
46	9.690	2581	2597	2608	rBV	12550347	21748405	49.97%	4.420%
47	9.742	2609	2613	2642	rVB3	1944321	3727843	8.56%	0.758%
48	9.886	2644	2658	2670	rBV4	404905	879230	2.02%	0.179%
49	10.028	2688	2702	2712	rBV5	977364	2336320	5.37%	0.475%
50	10.121	2724	2731	2752	rVB7	323866	985306	2.26%	0.200%
51	10.269	2756	2777	2793	rVV4	1387366	3982608	9.15%	0.809%
52	10.356	2794	2804	2824	rVB6	1105367	3079545	7.08%	0.626%
53	10.481	2832	2843	2851	rBV	1230634	1996395	4.59%	0.406%
54	10.806	2937	2944	2957	rVB4	466605	831872	1.91%	0.169%
55	10.902	2963	2974	2983	rBV	2159601	3373463	7.75%	0.686%
56	10.992	2992	3002	3009	rBV	6601326	11549823	26.54%	2.347%
57	11.082	3020	3030	3055	rVB2	3232041	7419409	17.05%	1.508%
58	11.288	3083	3094	3112	rVB	2950744	4953139	11.38%	1.007%
59	11.465	3138	3149	3176	rVB	11462819	17595746	40.43%	3.576%
60	11.639	3197	3203	3214	rVB	670873	1034757	2.38%	0.210%
61	11.738	3228	3234	3243	rVV	832411	1253508	2.88%	0.255%
62	11.796	3243	3252	3269	rVB4	557701	1515898	3.48%	0.308%
63	11.889	3269	3281	3294	rBV	4102806	6546845	15.04%	1.330%
64	12.092	3333	3344	3349	rBV3	2583890	4136459	9.50%	0.841%
65	12.121	3350	3353	3362	rVV	1979206	2424627	5.57%	0.493%
66	12.185	3362	3373	3389	rVB5	3844064	7675731	17.63%	1.560%
67	12.323	3400	3416	3423	rBV2	1163946	2083744	4.79%	0.423%
68	12.372	3423	3431	3447	rVB	1146159	1944372	4.47%	0.395%
69	12.462	3448	3459	3464	rBV	1761182	2803660	6.44%	0.570%
70	12.491	3464	3468	3478	rVV	1384882	1887900	4.34%	0.384%
71	12.568	3482	3492	3500	rVV	3702298	5551065	12.75%	1.128%
72	12.606	3500	3504	3514	rVB	699608	933606	2.14%	0.190%
73	12.677	3515	3526	3546	rBV2	3382311	6674035	15.33%	1.356%
74	12.870	3578	3586	3595	rVB3	819202	1376185	3.16%	0.280%
75	12.970	3596	3617	3625	rBV	2730848	4874809	11.20%	0.991%
76	13.021	3625	3633	3649	rVB	2998322	4965925	11.41%	1.009%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

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	13.105	3649	3659	3673	rBV6	991064	2578432	5.92%	0.524%
78	13.288	3708	3716	3724	rVB3	1626503	2401715	5.52%	0.488%
79	13.449	3743	3766	3780	rBV4	4429692	10468489	24.05%	2.127%
80	13.619	3813	3819	3843	rVB4	855174	1773522	4.07%	0.360%
81	13.728	3843	3853	3860	rBV2	839066	1387783	3.19%	0.282%
82	13.780	3861	3869	3877	rVV	1739918	2898248	6.66%	0.589%
83	13.831	3877	3885	3901	rVV6	1983002	4587582	10.54%	0.932%
84	13.905	3904	3908	3911	rVV	828936	1025684	2.36%	0.208%
85	13.937	3912	3918	3932	rVB2	2090299	3893925	8.95%	0.791%
86	14.079	3955	3962	3984	rVB	1621785	3006067	6.91%	0.611%
87	14.185	3988	3995	4008	rVB4	591896	1203732	2.77%	0.245%
88	14.282	4009	4025	4036	rBV3	859759	1882876	4.33%	0.383%
89	14.343	4037	4044	4052	rVV2	580640	886118	2.04%	0.180%
90	14.481	4079	4087	4107	rVB	921431	1493714	3.43%	0.304%
91	14.661	4133	4143	4157	rBV3	1135560	2381194	5.47%	0.484%
92	14.806	4180	4188	4200	rBV	517261	854735	1.96%	0.174%
93	14.873	4201	4209	4219	rVB3	865246	1393494	3.20%	0.283%
94	15.018	4243	4254	4264	rBV6	513077	1073578	2.47%	0.218%
95	15.214	4302	4315	4326	rVV	2051650	3676218	8.45%	0.747%
96	15.404	4364	4374	4385	rBV	1464407	2489212	5.72%	0.506%
97	16.140	4595	4603	4610	rBV2	460989	751787	1.73%	0.153%
98	16.256	4630	4639	4660	rVB	891750	1578346	3.63%	0.321%
99	16.404	4675	4685	4692	rBV	1191473	1997755	4.59%	0.406%
100	16.439	4692	4696	4714	rVB	589533	946738	2.18%	0.192%

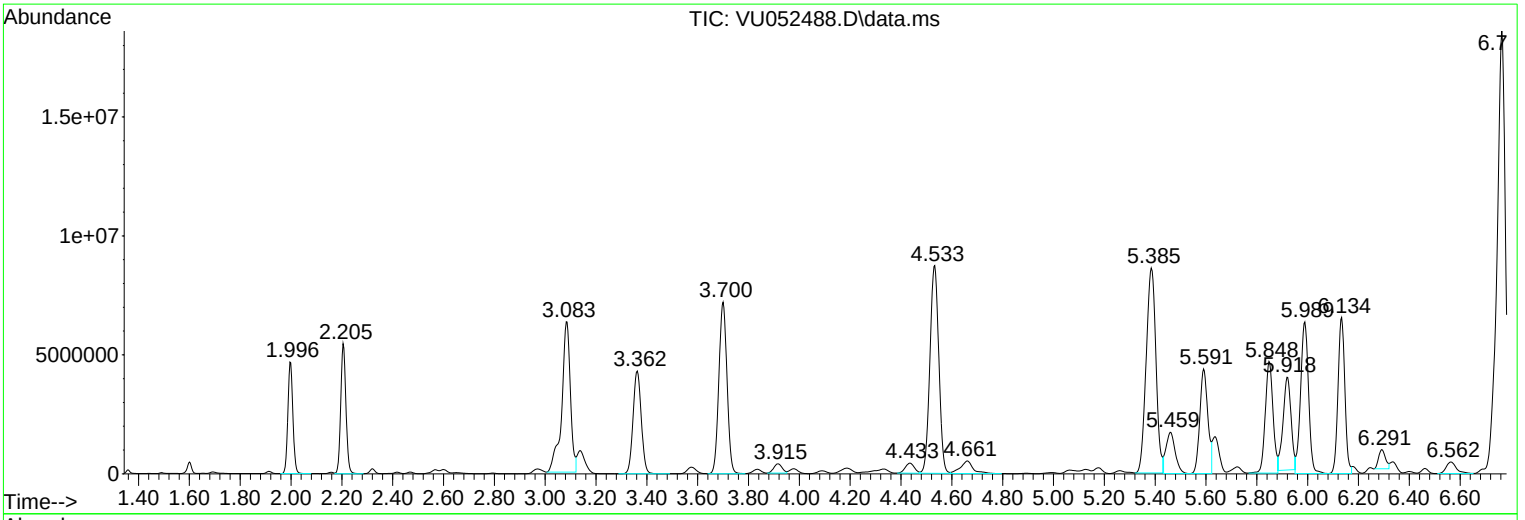
Sum of corrected areas: 492075839

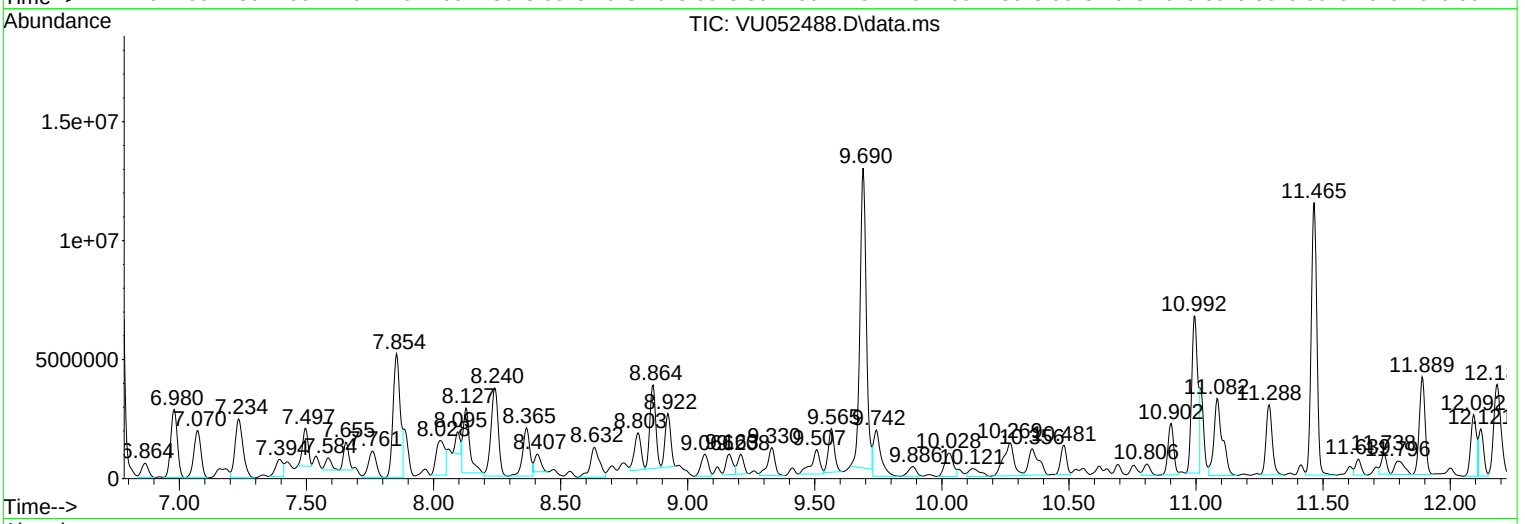
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

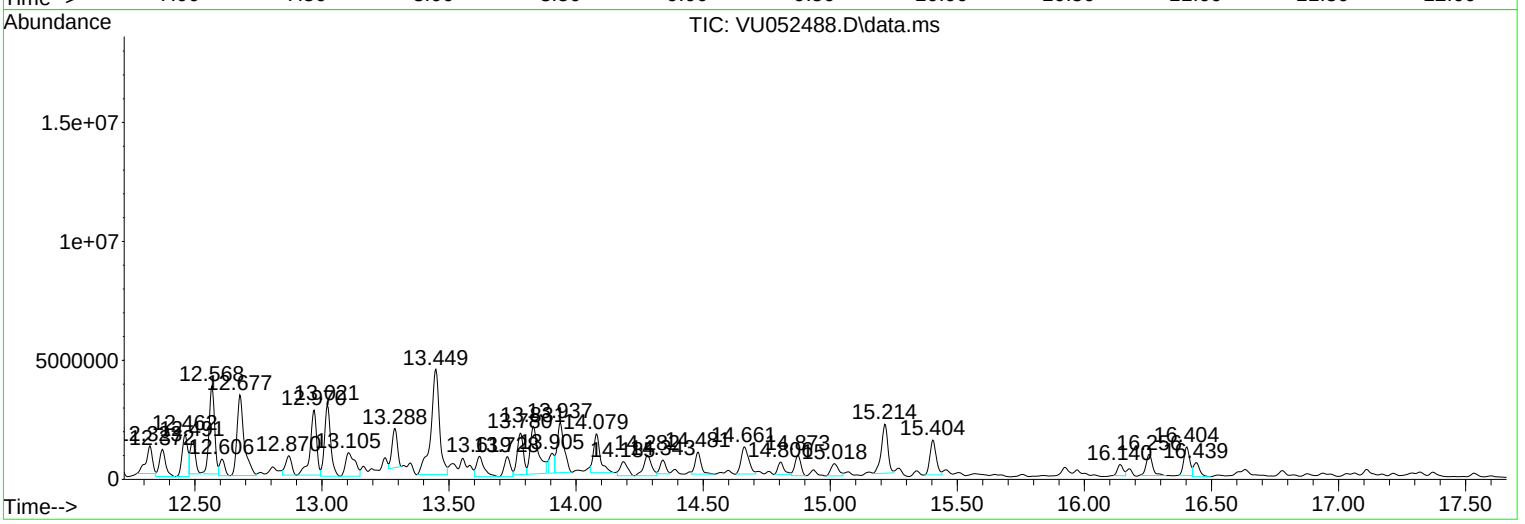
Instrument :
MSVOA_U
ClientSampleId :
GBQB7

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 : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

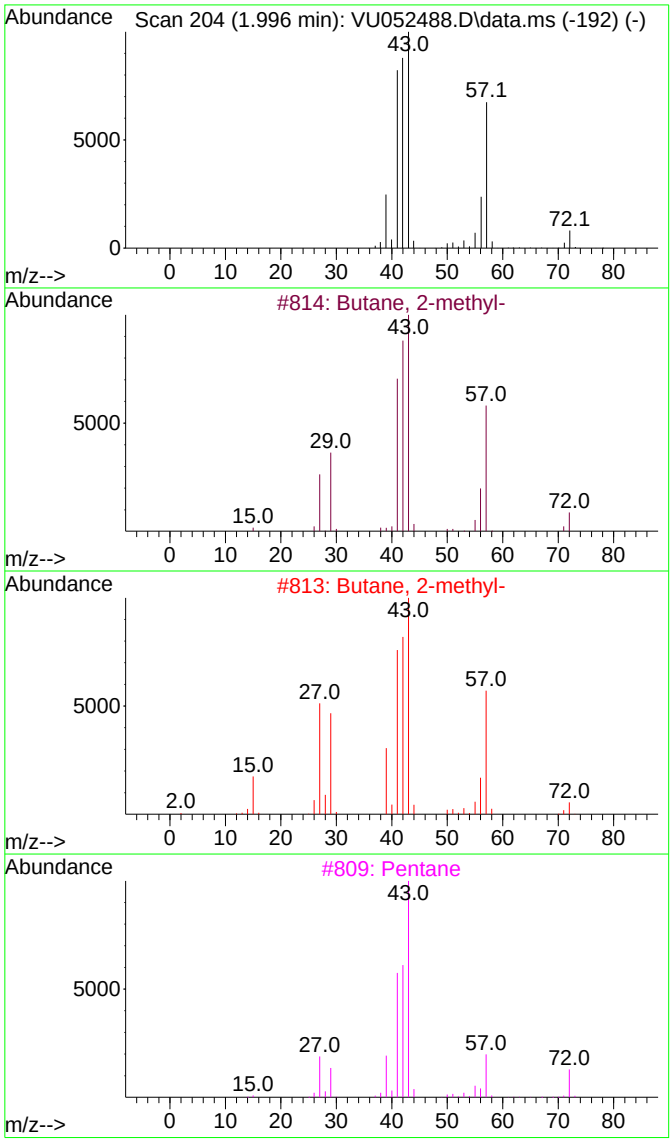
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

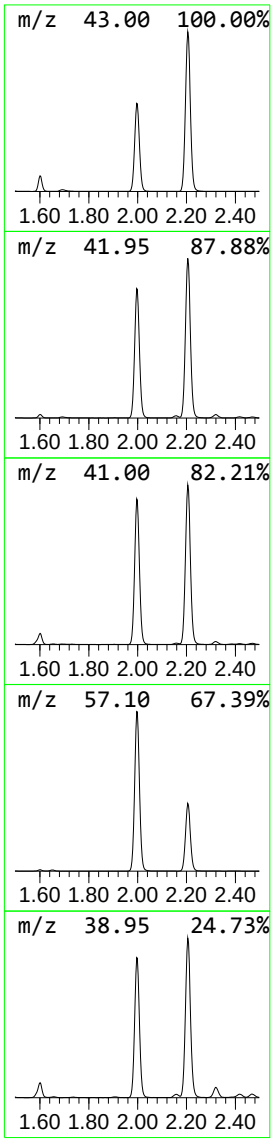
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	20.85 ug/L	6487720	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Pentane	72	C5H12	000109-66-0	36
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

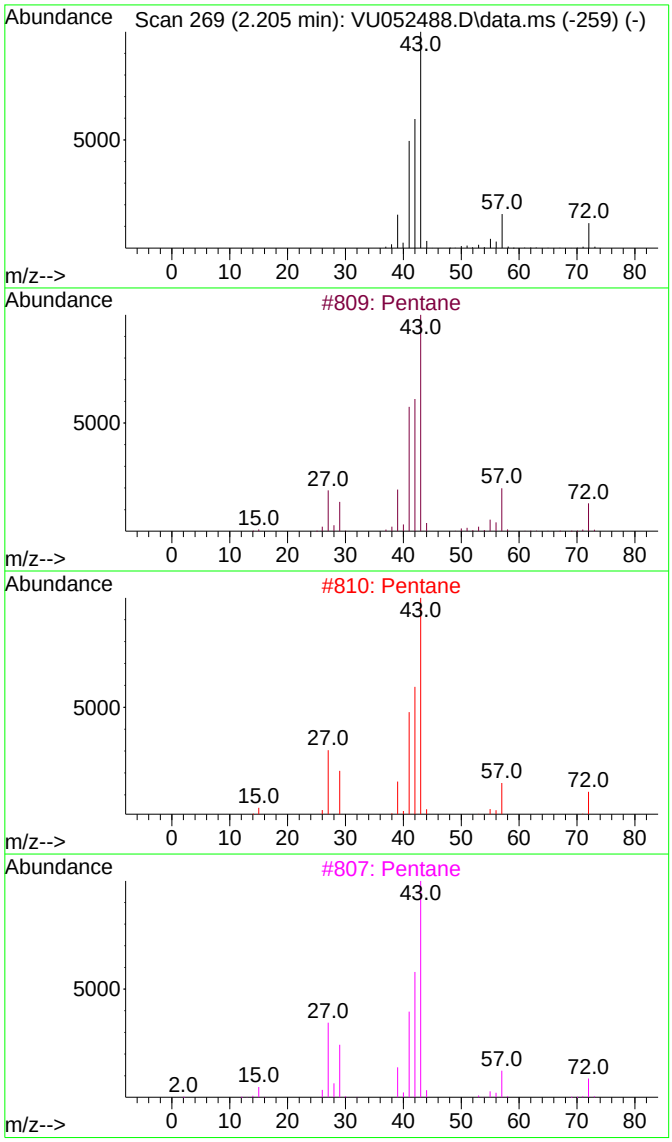
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

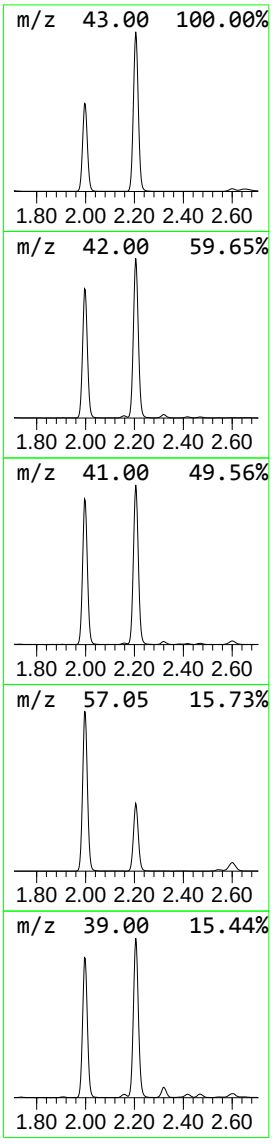
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	25.05 ug/L	7794330	1,4-Difluorobenzene	6.246

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	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

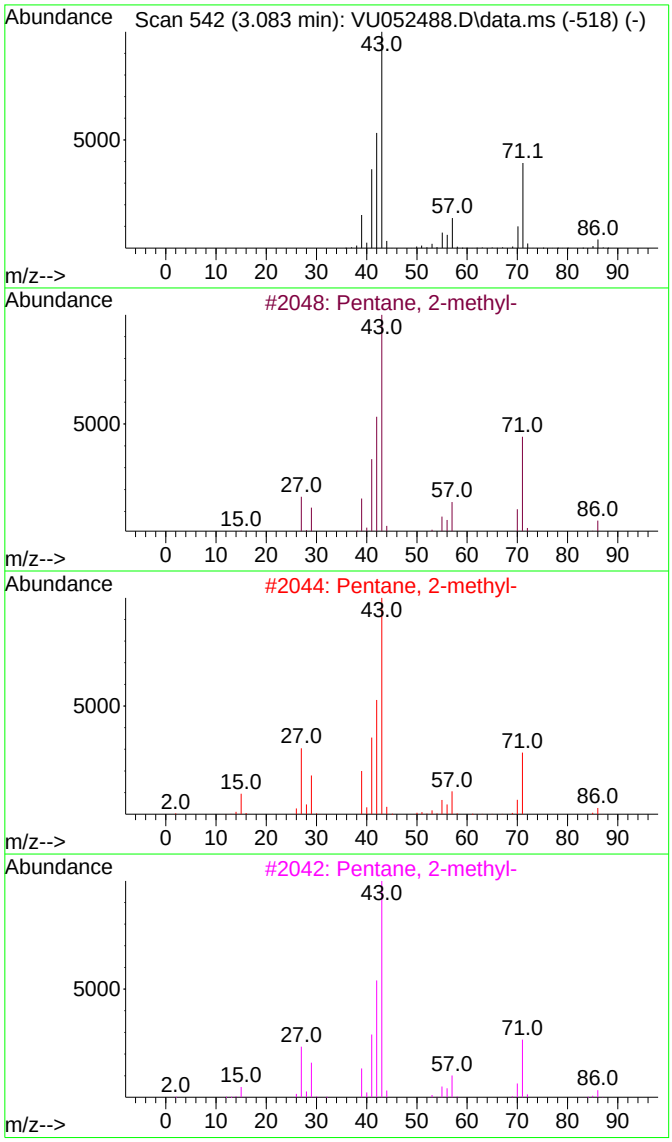
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

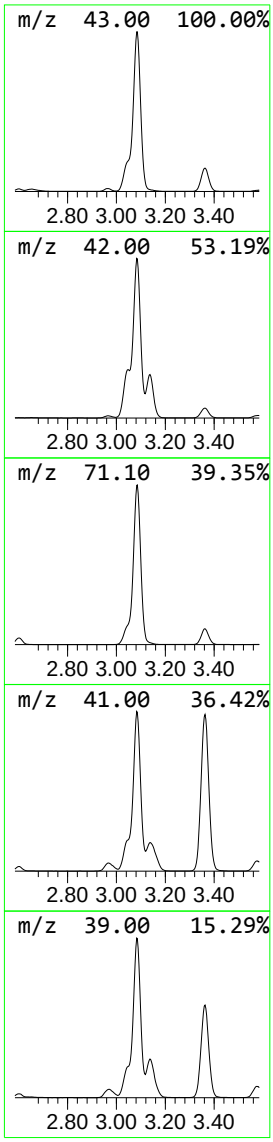
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	48.44 ug/L	15070200	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

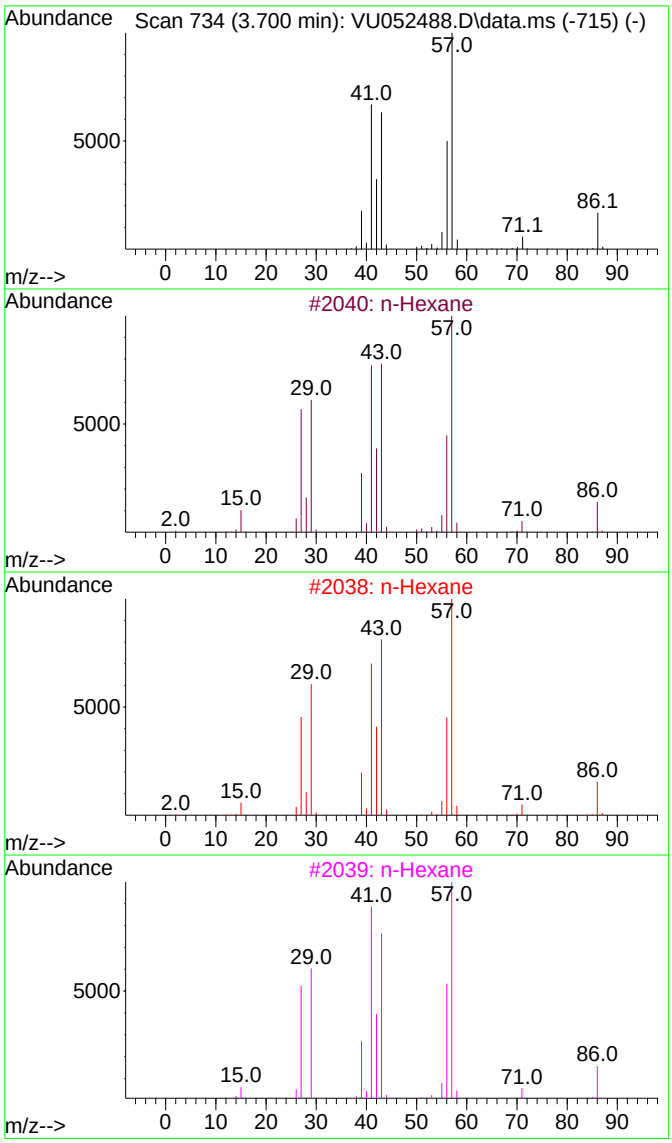
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

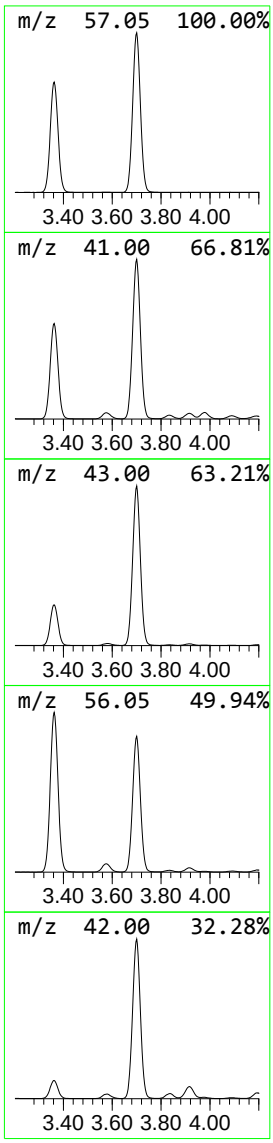
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.700	51.35 ug/L	15976100	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	n-Hexane	86	C6H14	000110-54-3	80
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

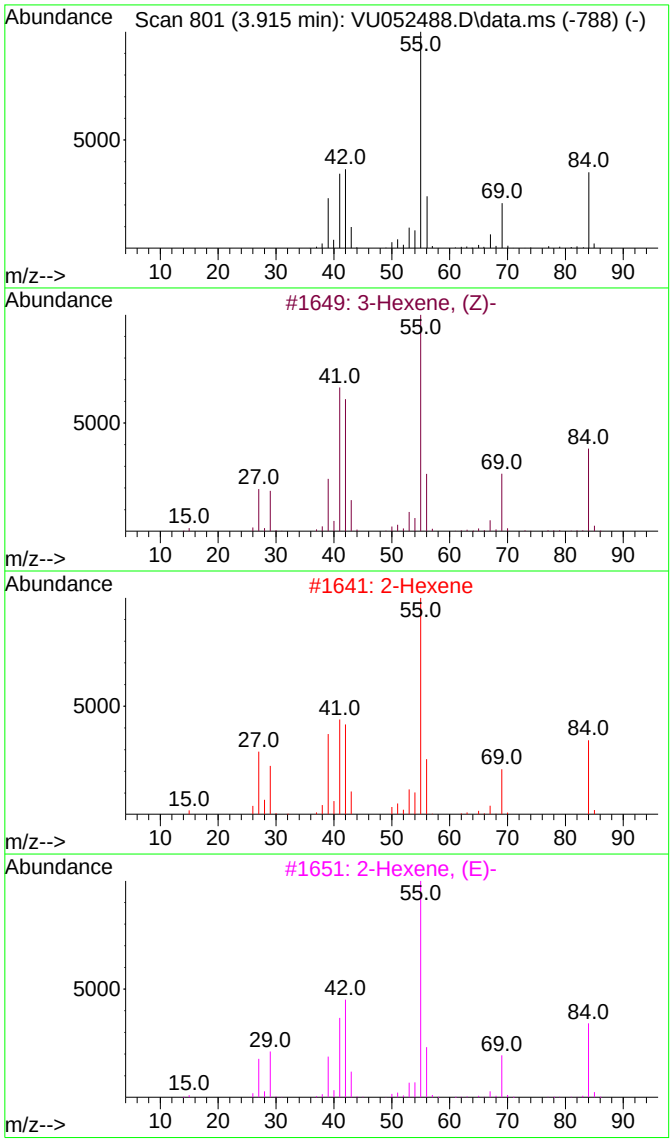
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

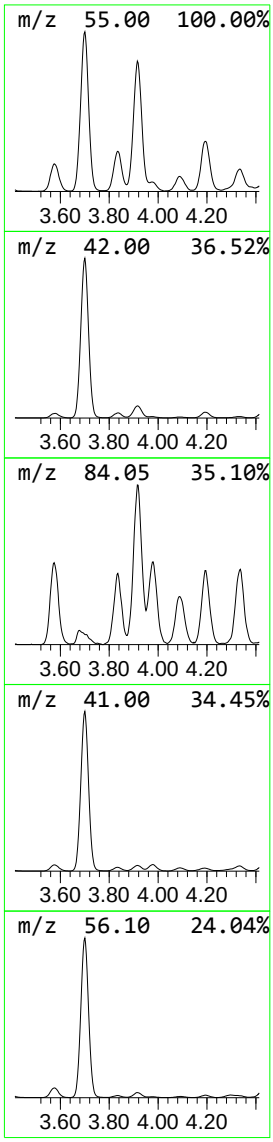
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.915	2.89 ug/L	899759	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
2	2-Hexene	84	C6H12	000592-43-8	91
3	2-Hexene, (E)-	84	C6H12	004050-45-7	91
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

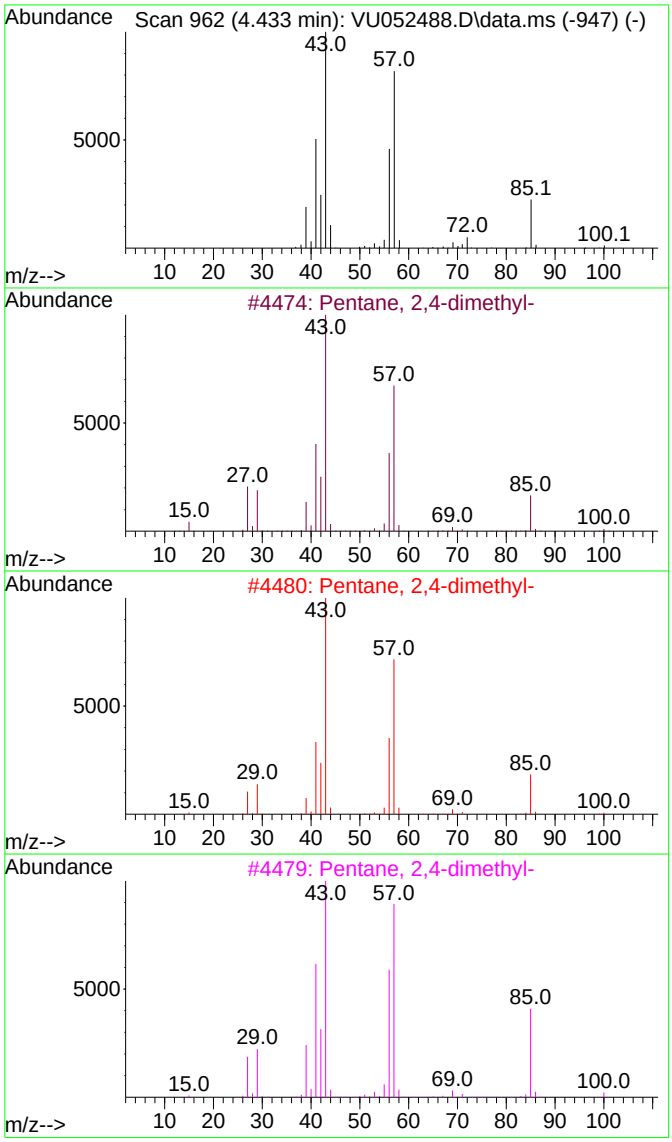
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

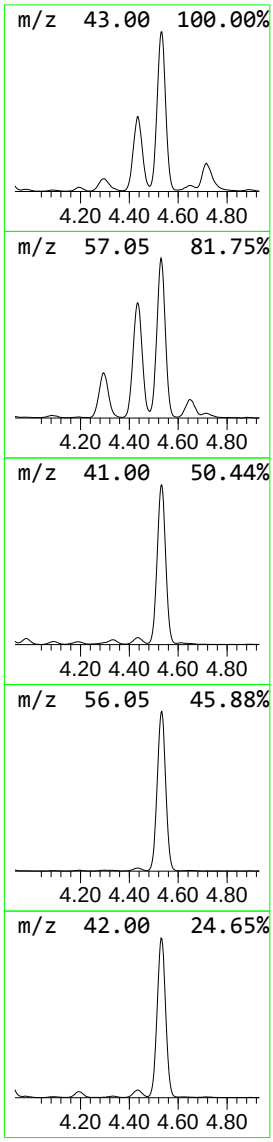
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.433	3.42 ug/L	1062960	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	86
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	68
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
5	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

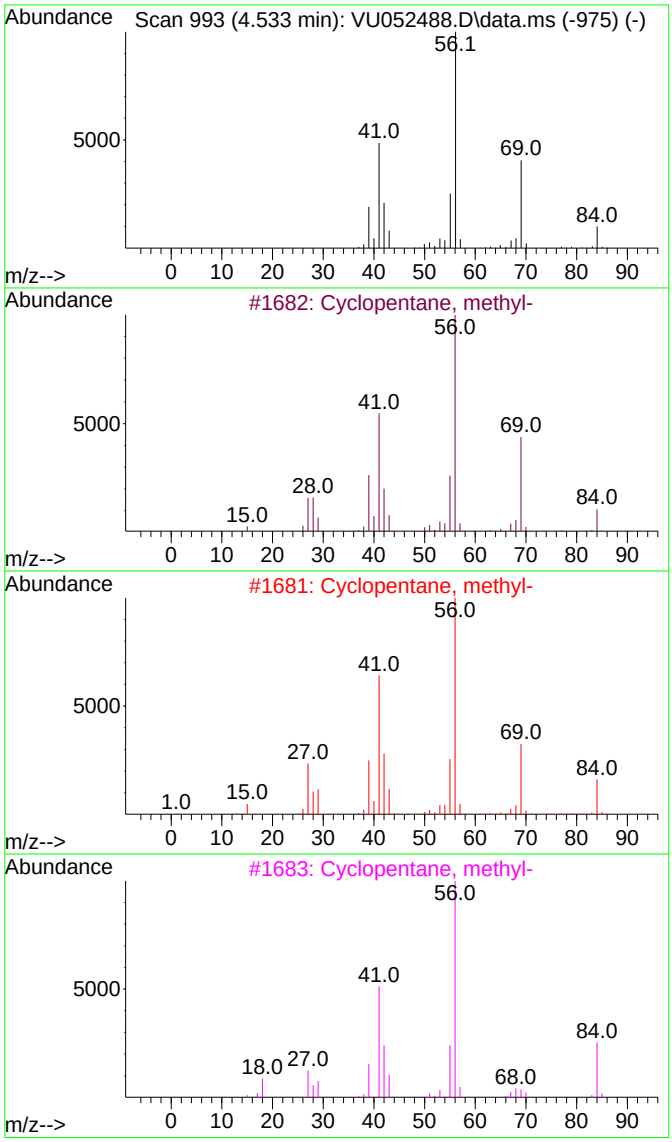
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

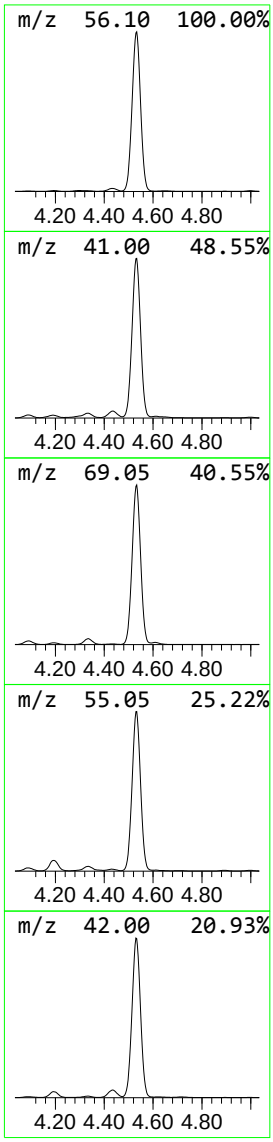
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic4.533 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.533	67.99 ug/L	21153700	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

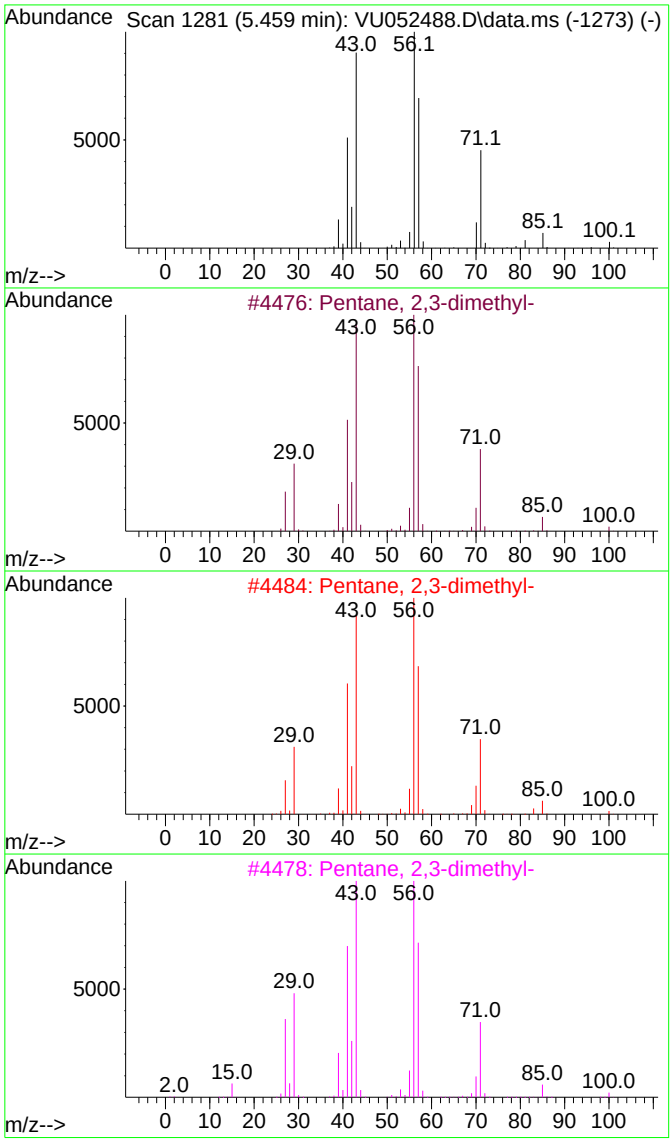
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

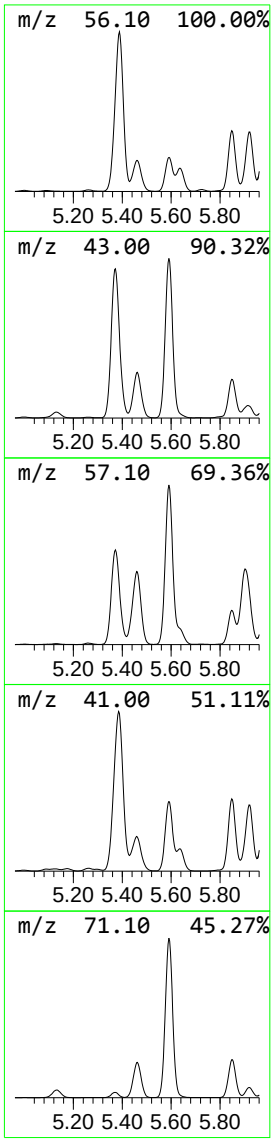
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	13.88 ug/L	4319630	1,4-Difluorobenzene	6.246

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	86
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

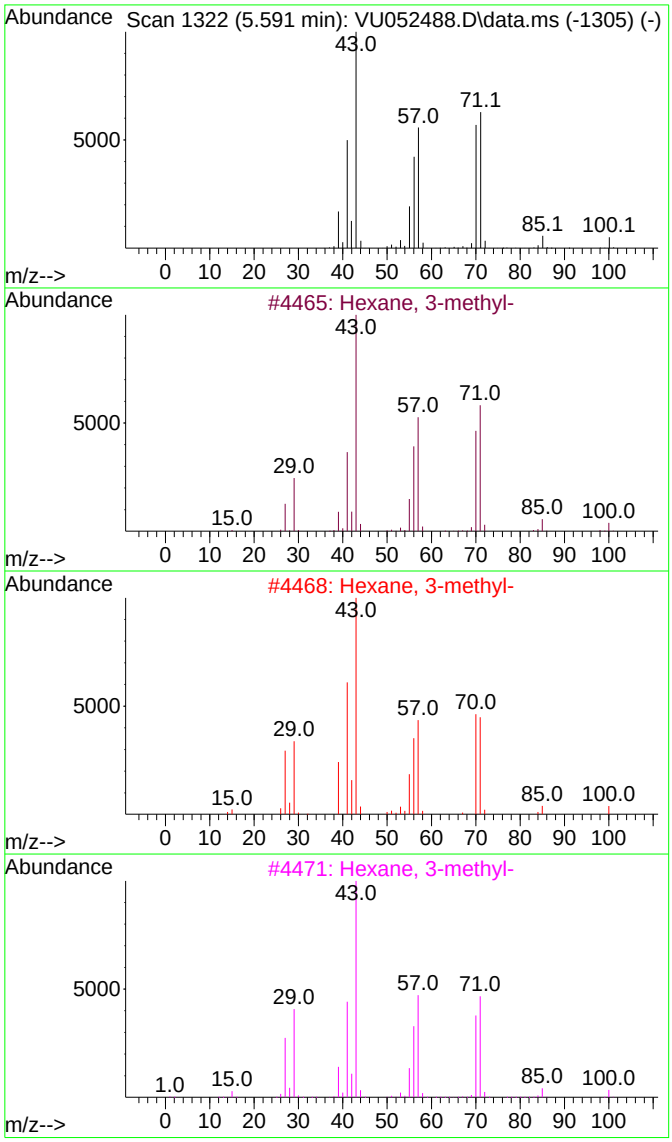
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

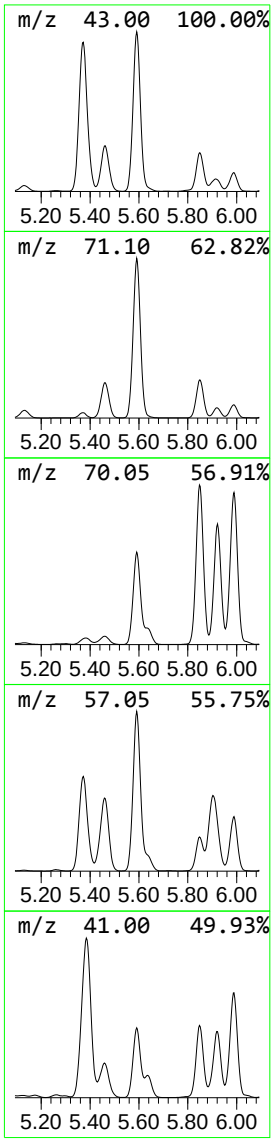
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	31.57 ug/L	9821750	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

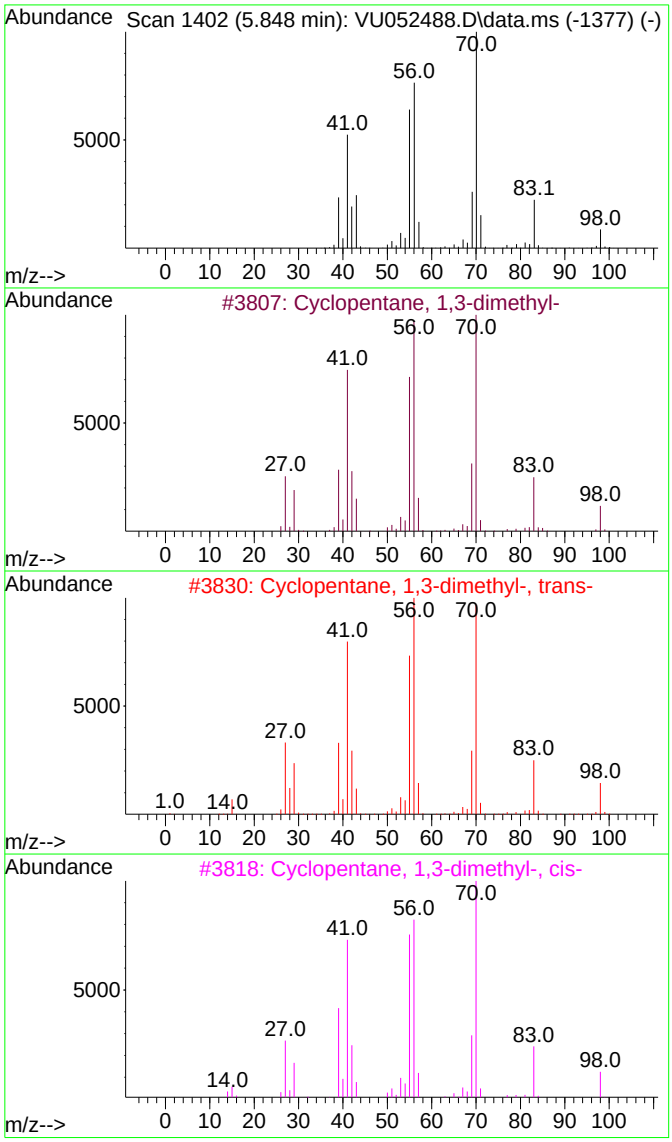
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

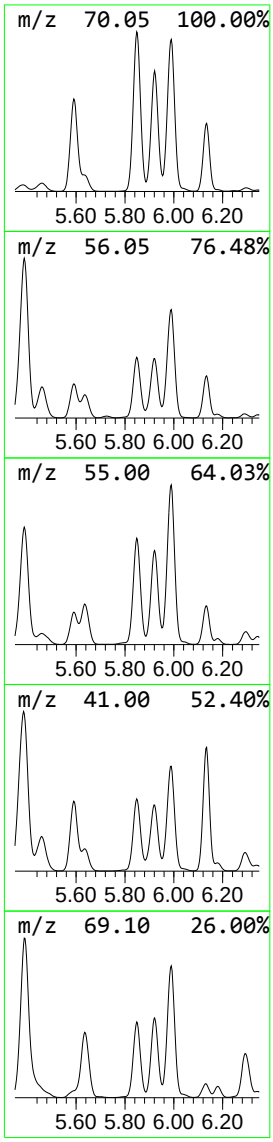
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic5.848 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	32.44 ug/L	10092800	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

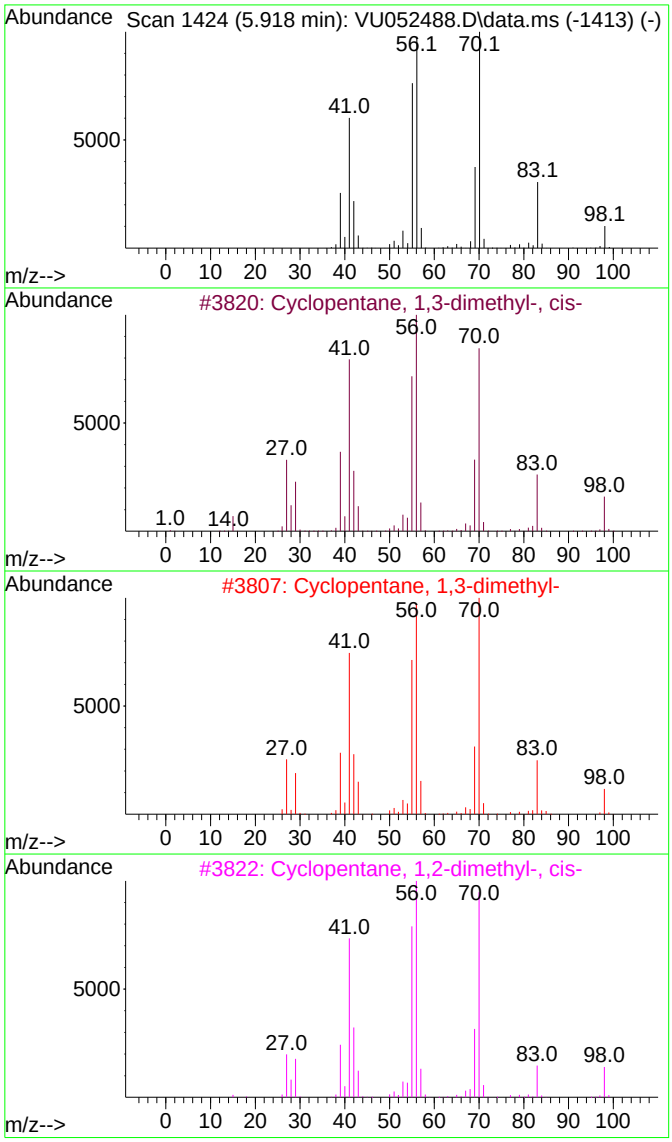
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

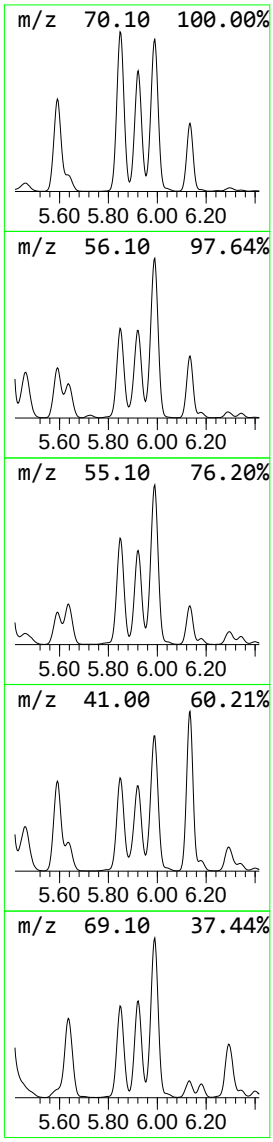
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.918 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.918	27.59 ug/L	8584190	1,4-Difluorobenzene	6.246

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

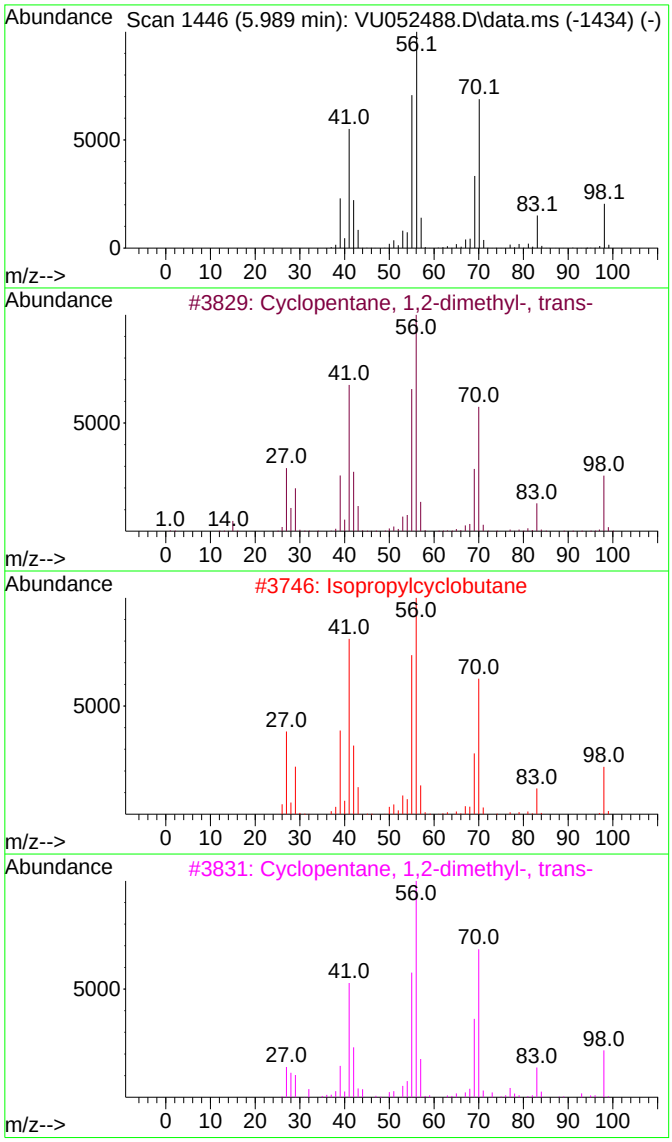
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

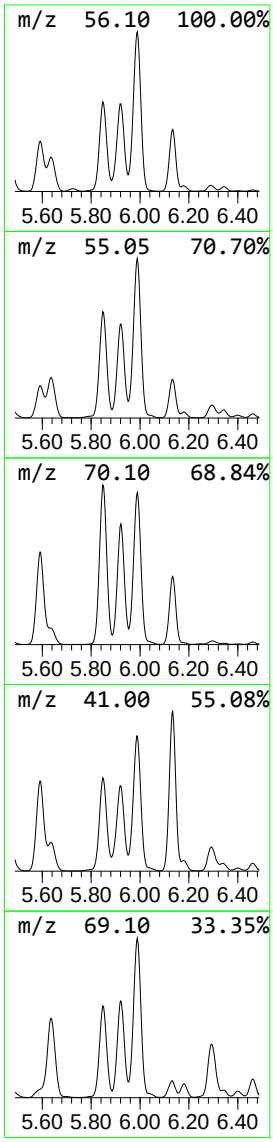
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic5.989 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.989	44.75 ug/L	13923300	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

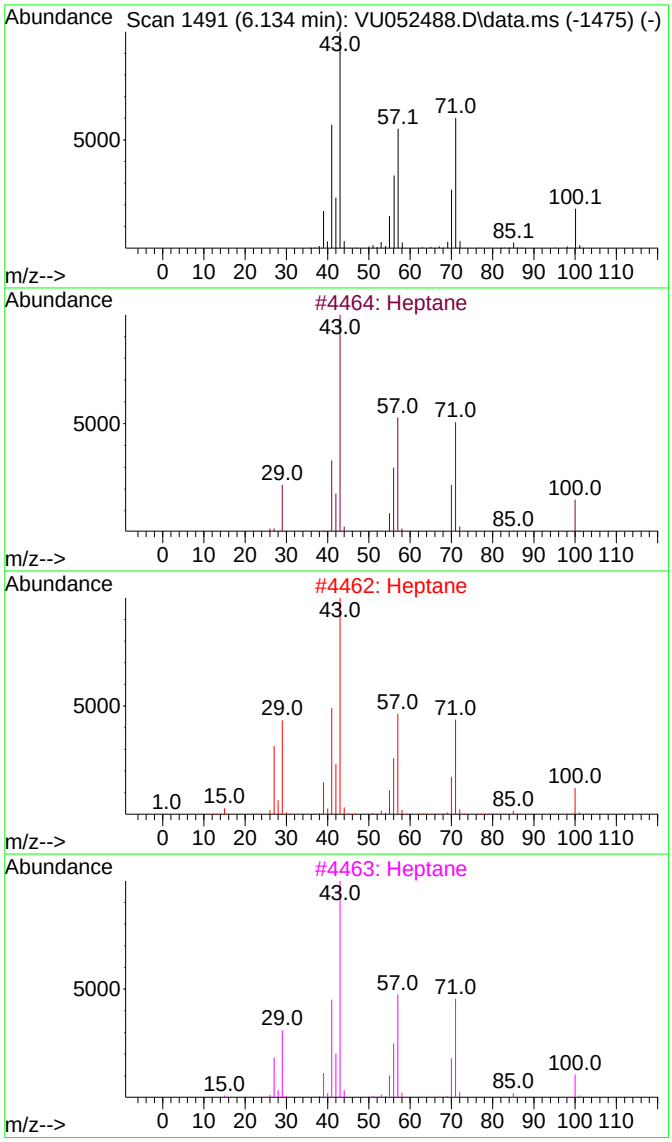
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

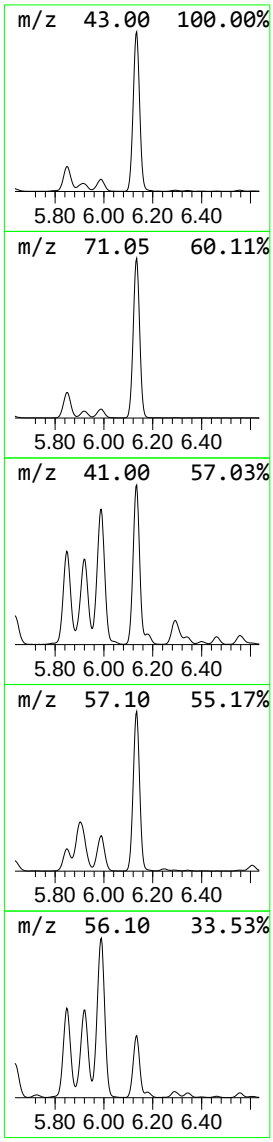
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.134	39.57 ug/L	12312600	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	74
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

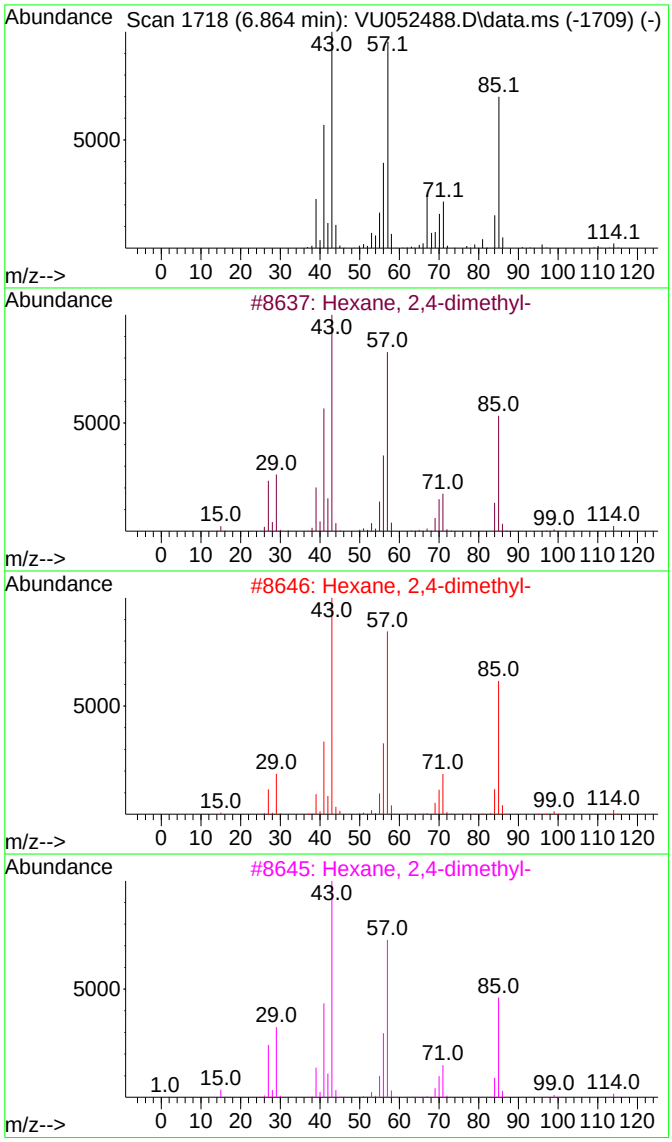
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

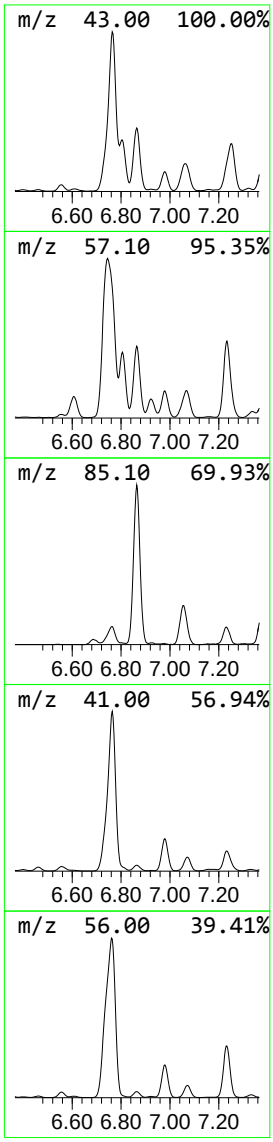
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	3.68 ug/L	1143440	1,4-Difluorobenzene	6.246

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	93
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

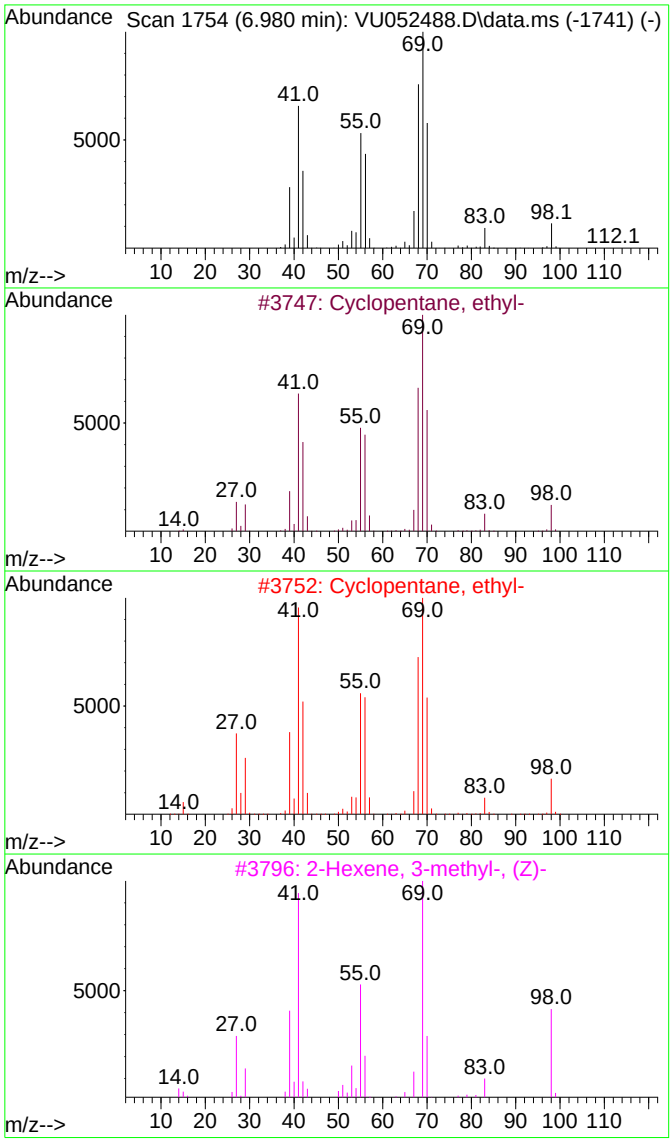
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

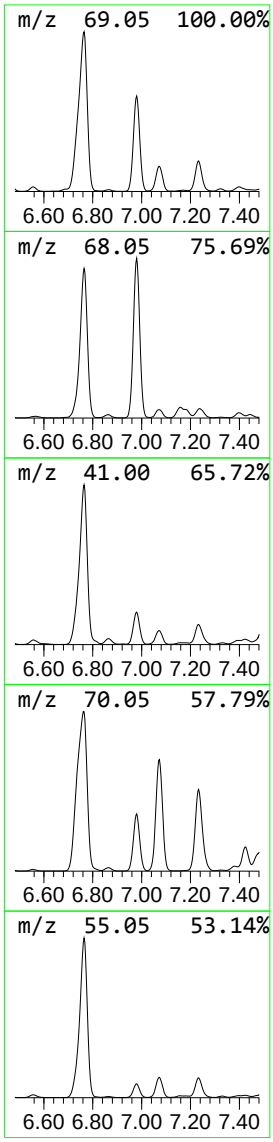
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic6.980 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	16.66 ug/L	5183590	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	83
3	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38
5	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

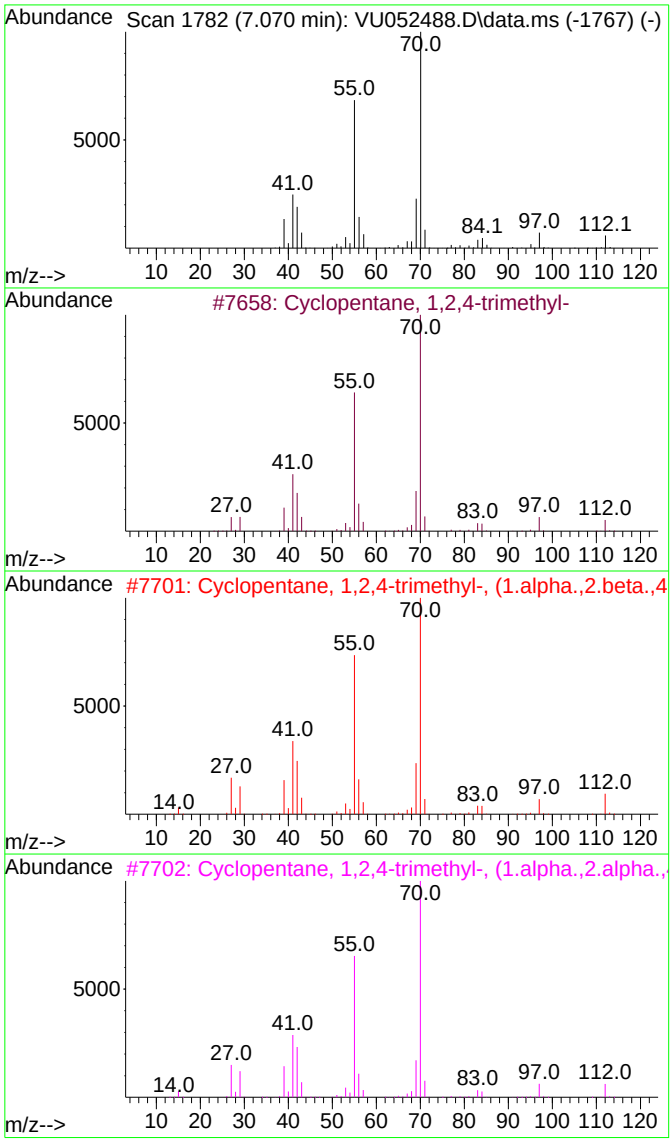
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

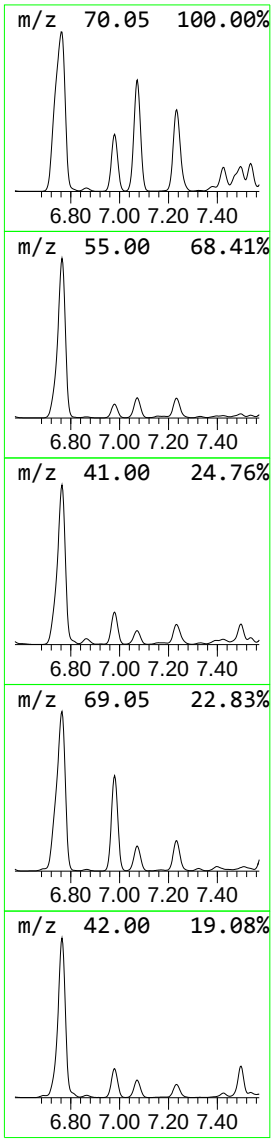
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic7.070 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	12.42 ug/L	3865660	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

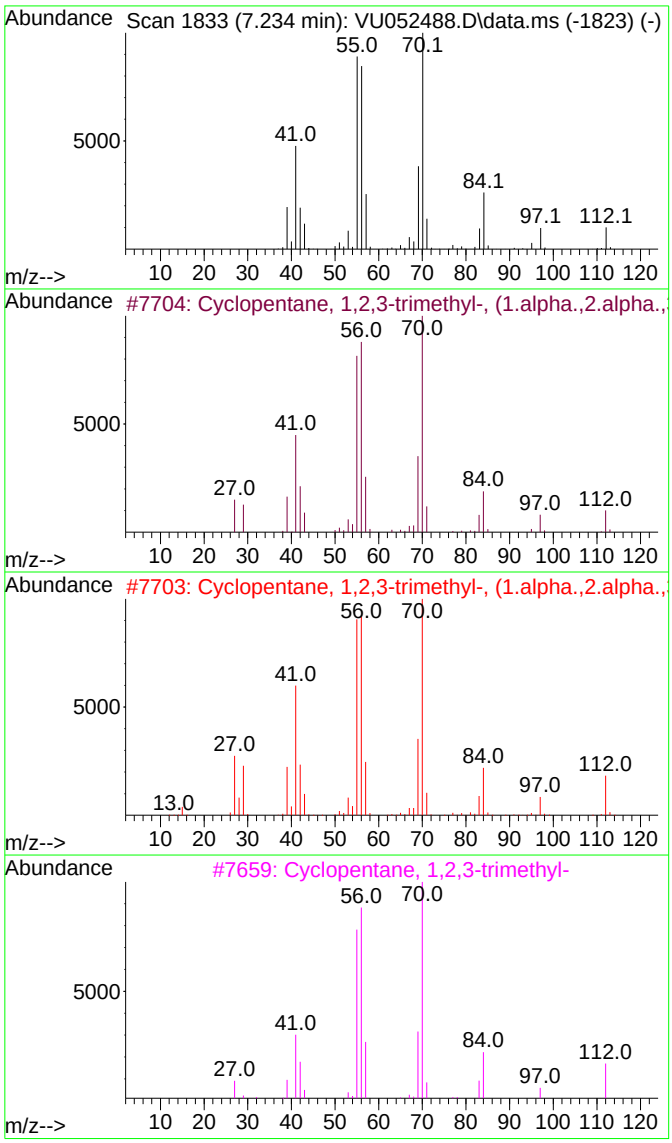
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

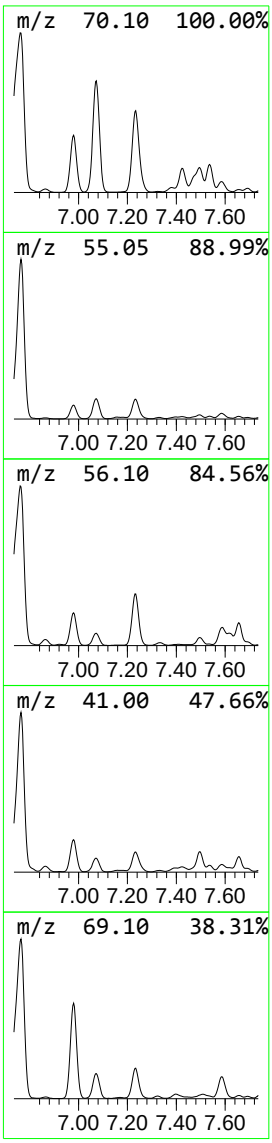
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic7.234 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	17.16 ug/L	5339620	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
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	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	80
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

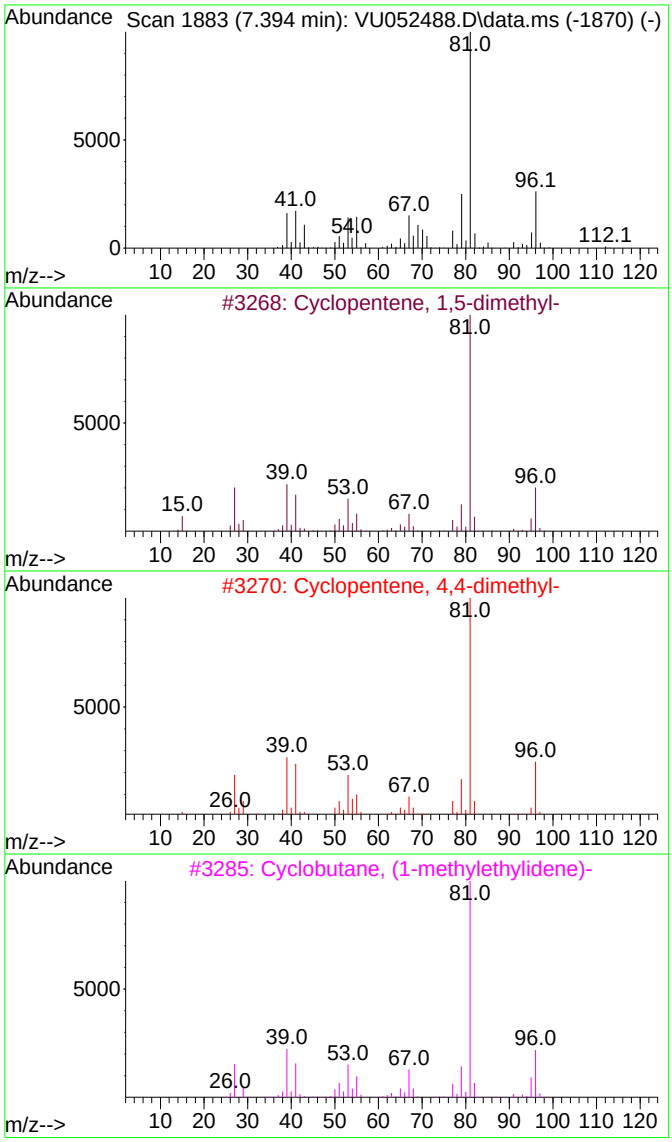
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

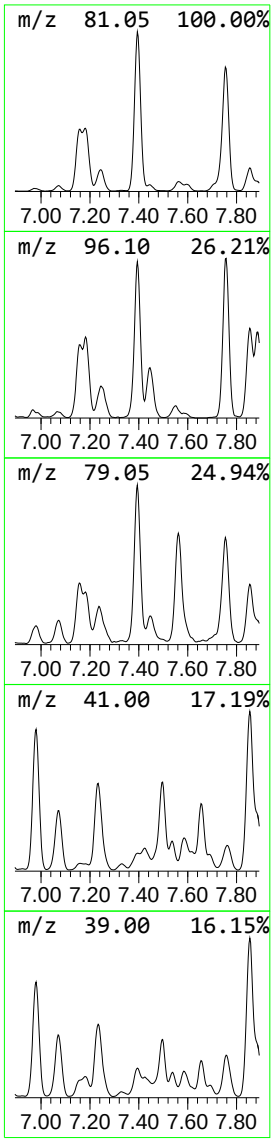
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopentene, 1,5-dimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.394	4.62 ug/L	1437680	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	83
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	81
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	72
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

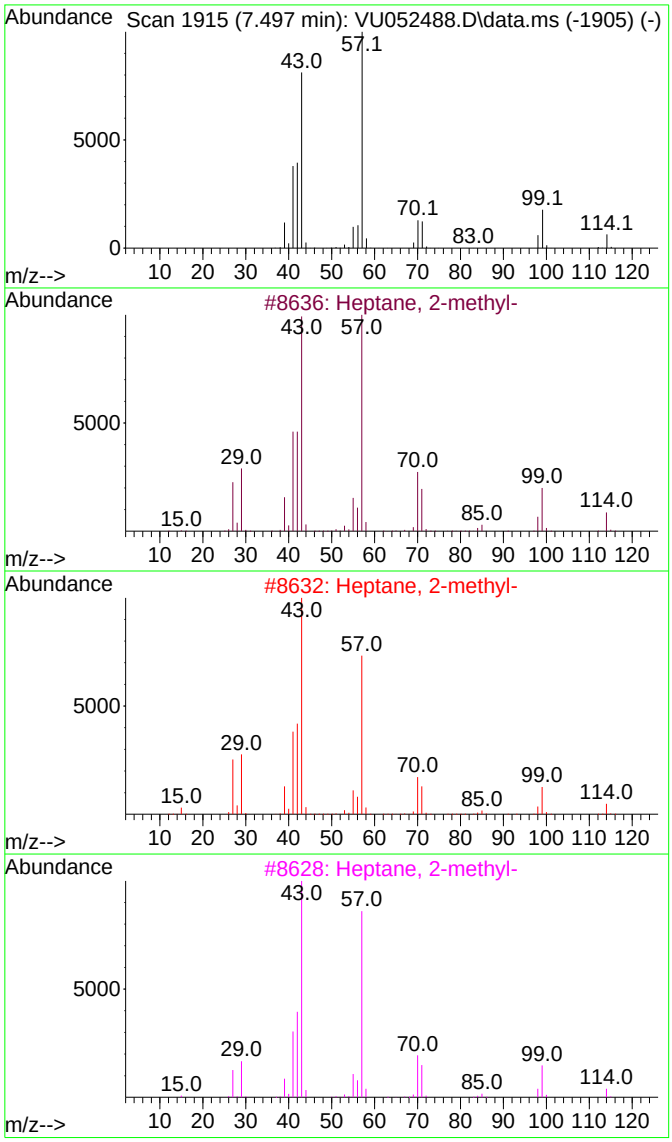
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

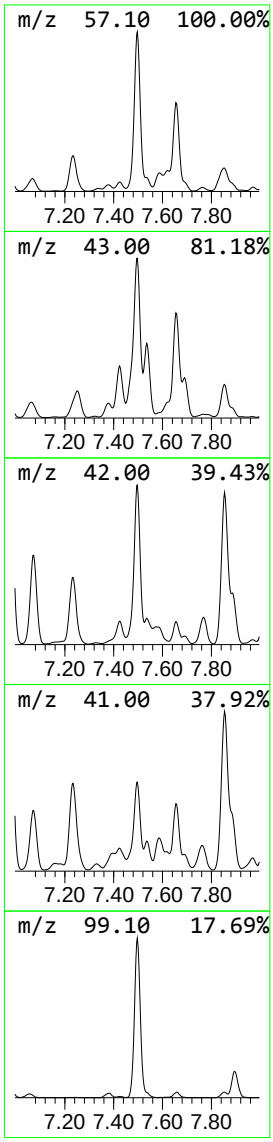
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	7.84 ug/L	2439390	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	68
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	68
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

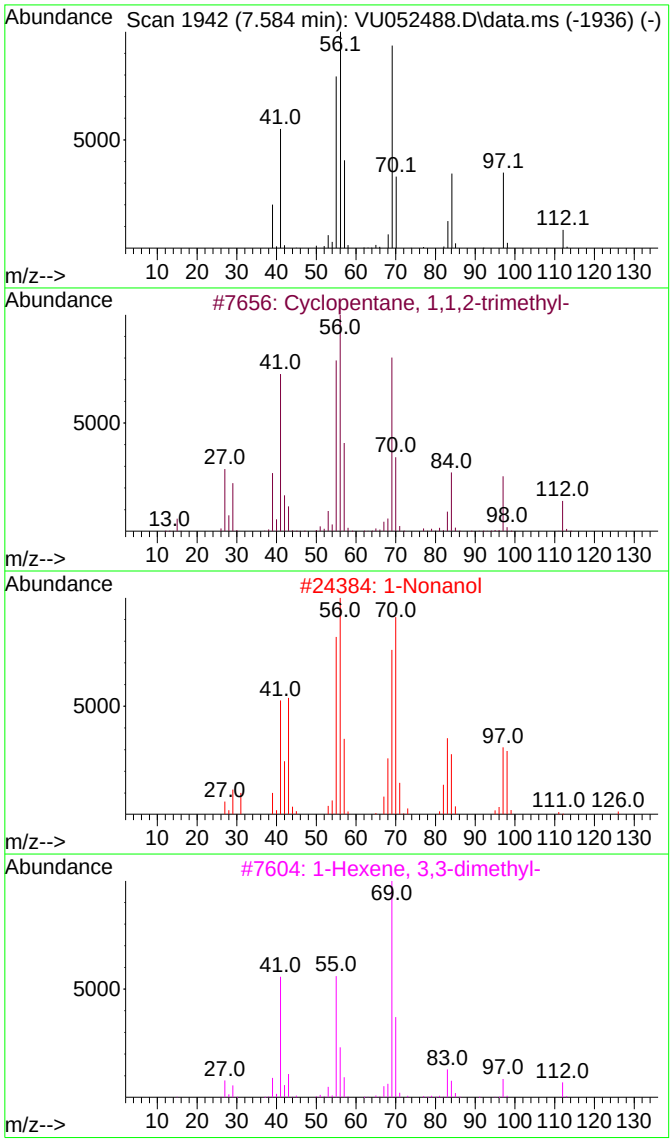
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

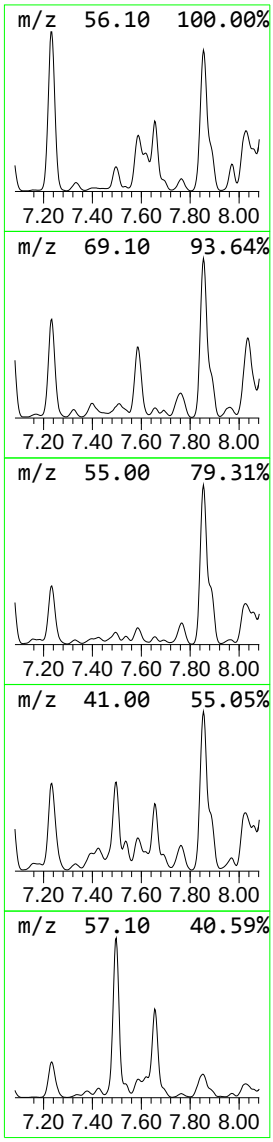
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic7.584 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.584	2.80 ug/L	871277	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	91
2	1-Nonanol	144	C9H20O	000143-08-8	50
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
4	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	46
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

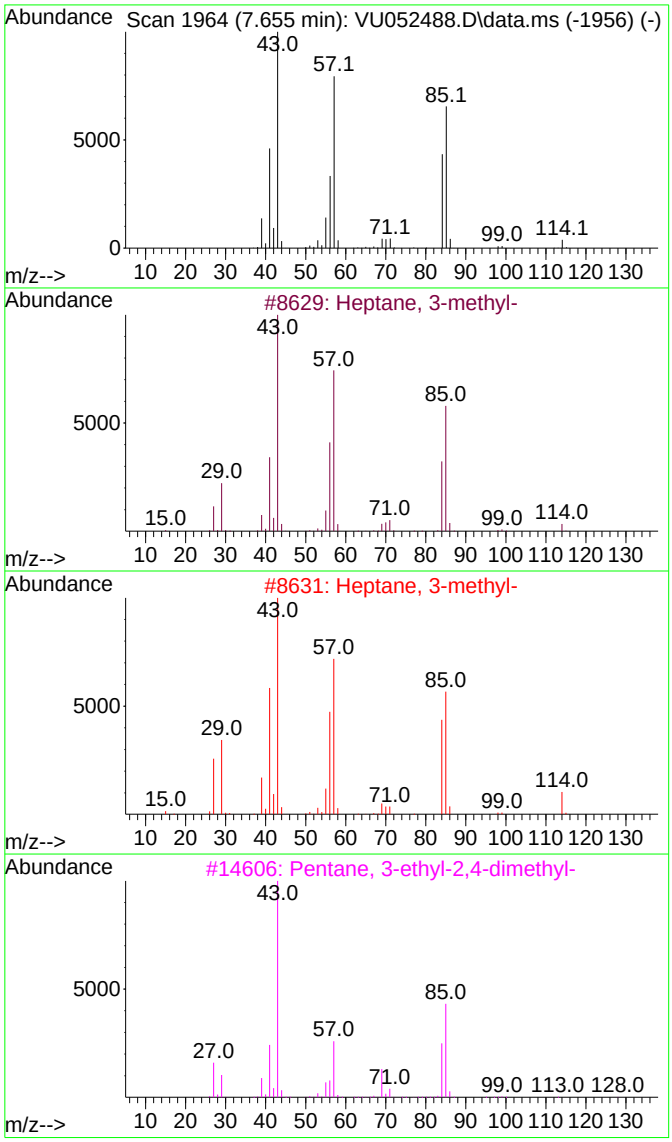
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

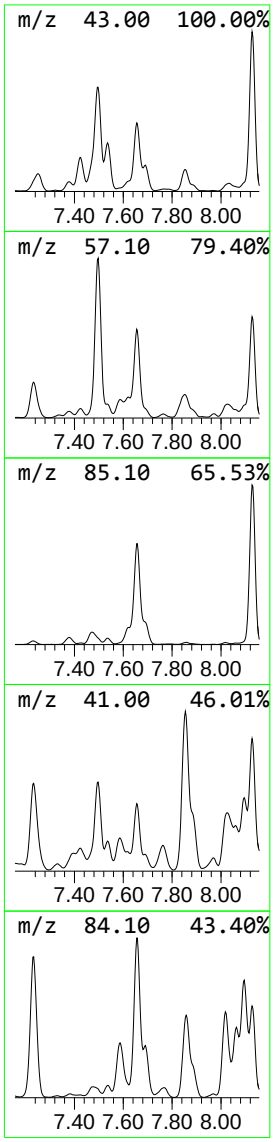
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.655	5.51 ug/L	1715480	1,4-Difluorobenzene	6.246

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	80
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

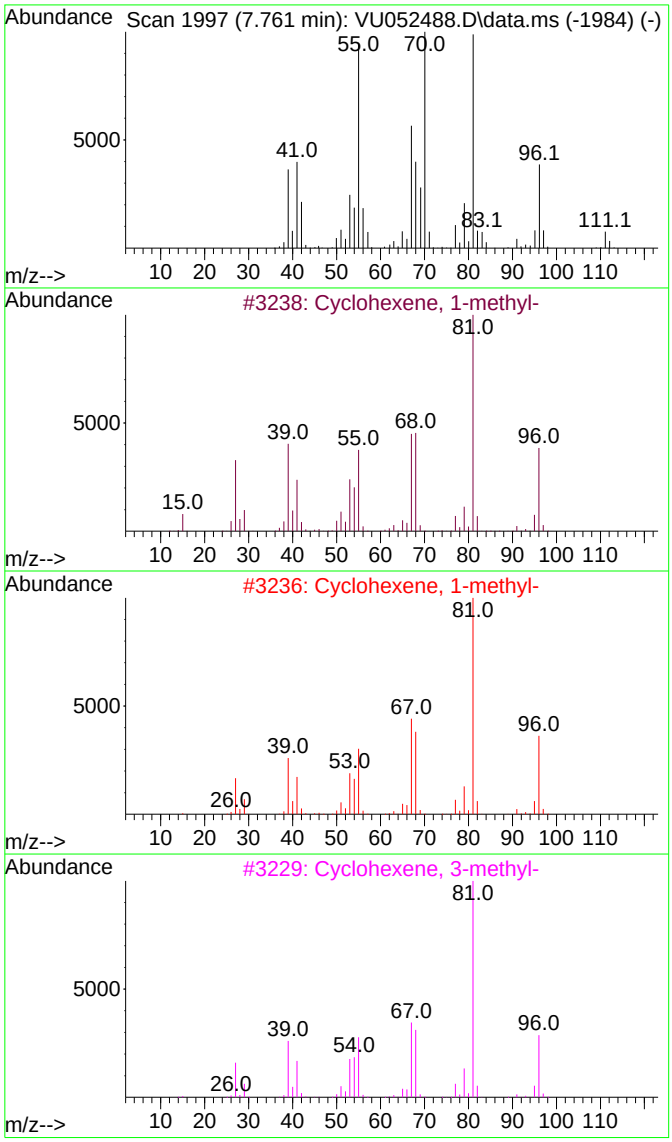
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

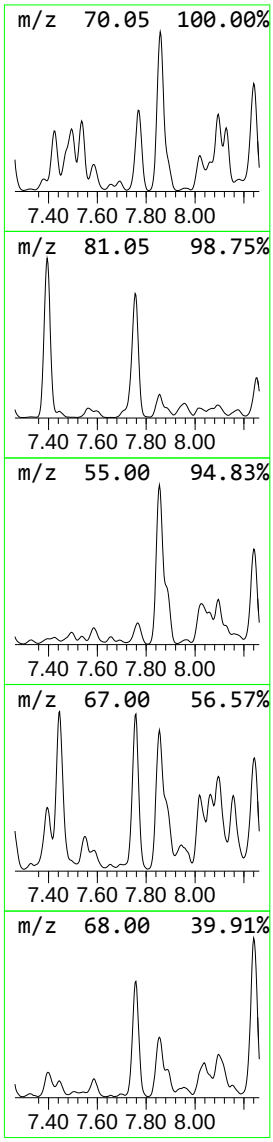
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexene, 1-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.761	7.89 ug/L	2456010	1,4-Difluorobenzene	6.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	55
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	55
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

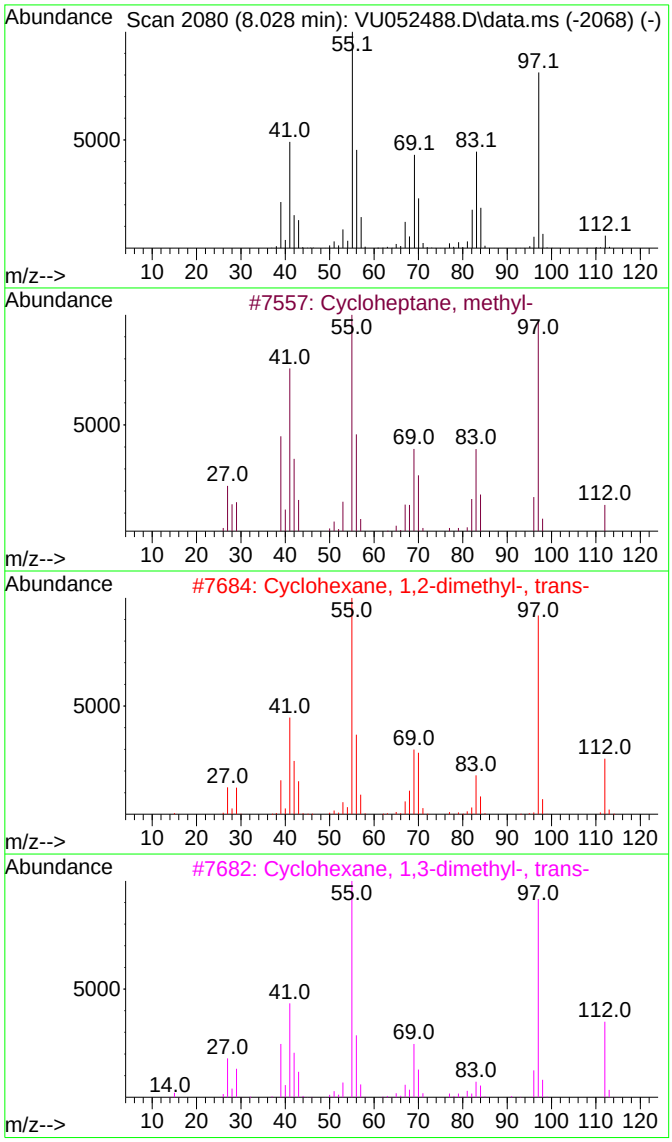
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

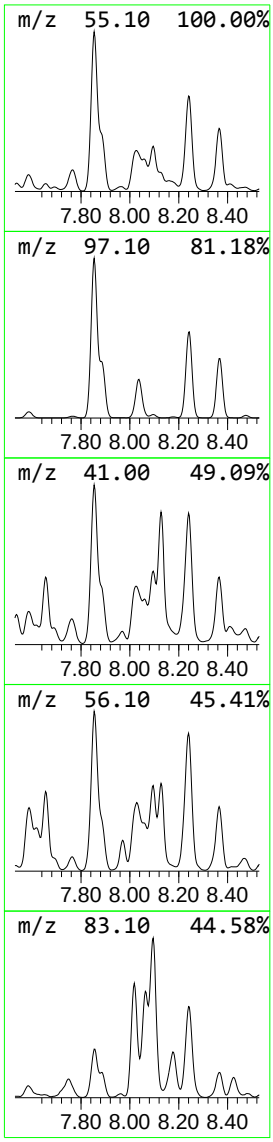
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.028 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	7.53 ug/L	3579540	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	91
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	68
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

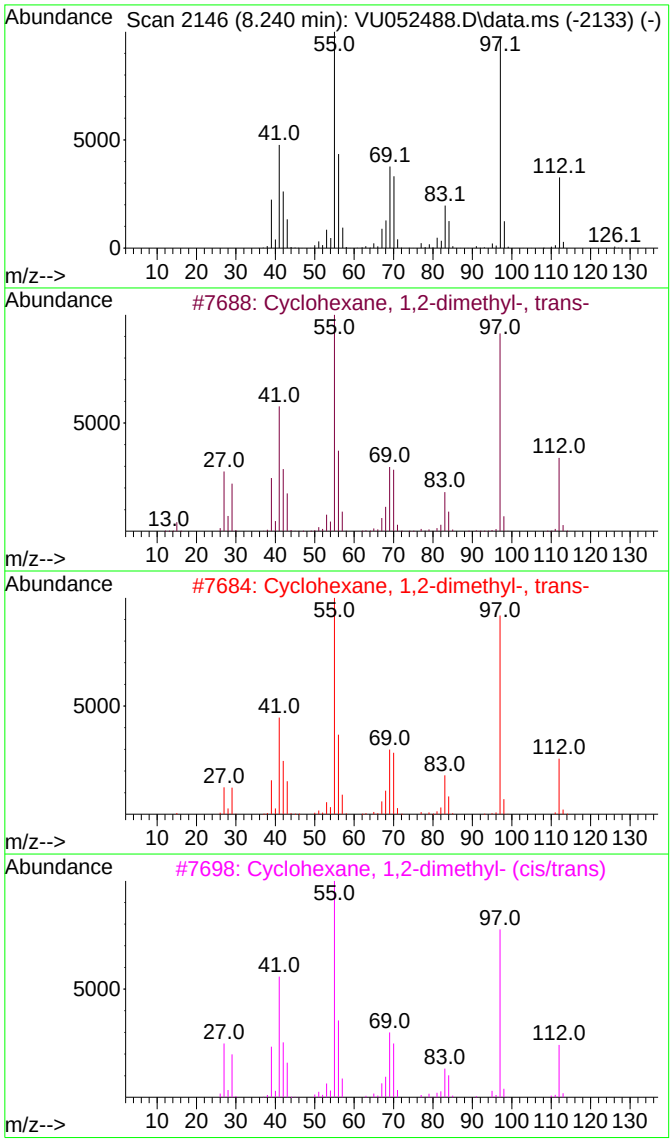
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

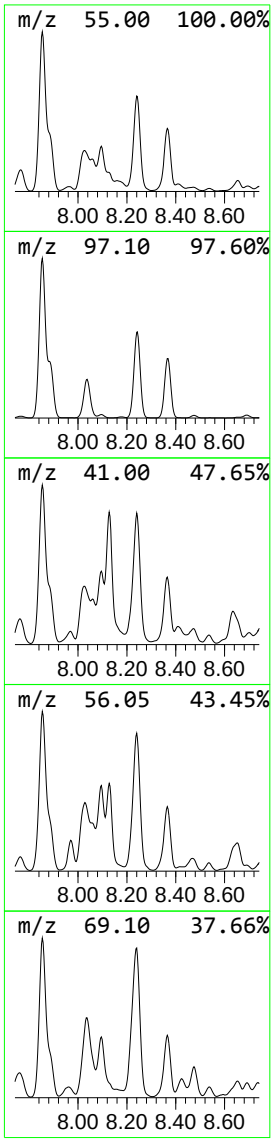
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic8.240 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	15.53 ug/L	7385770	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	93
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

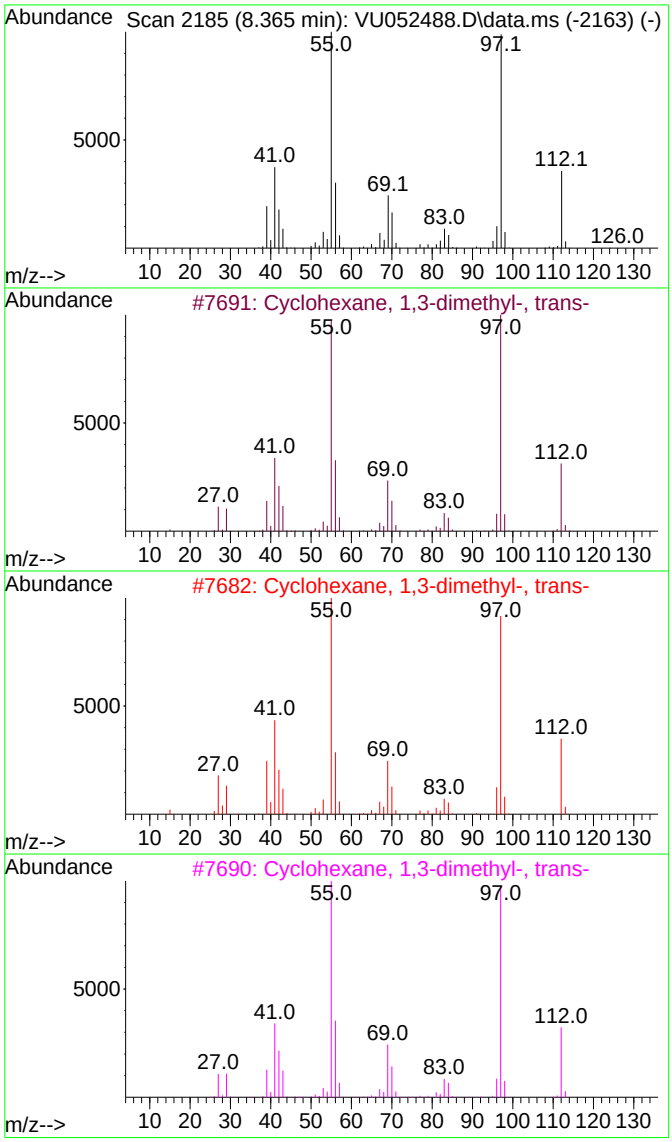
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

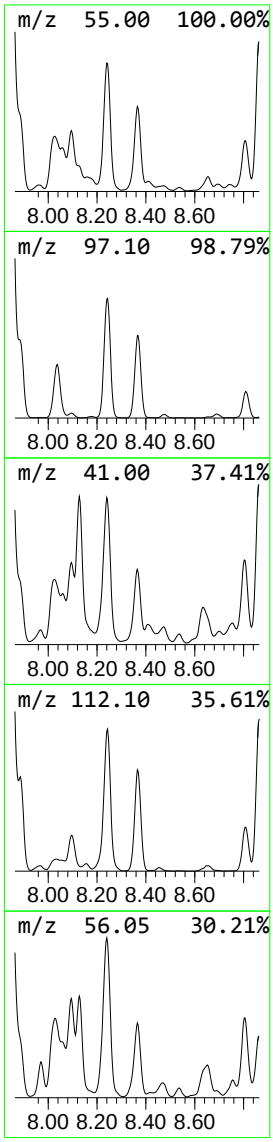
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic8.365 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.365	8.55 ug/L	4066930	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	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

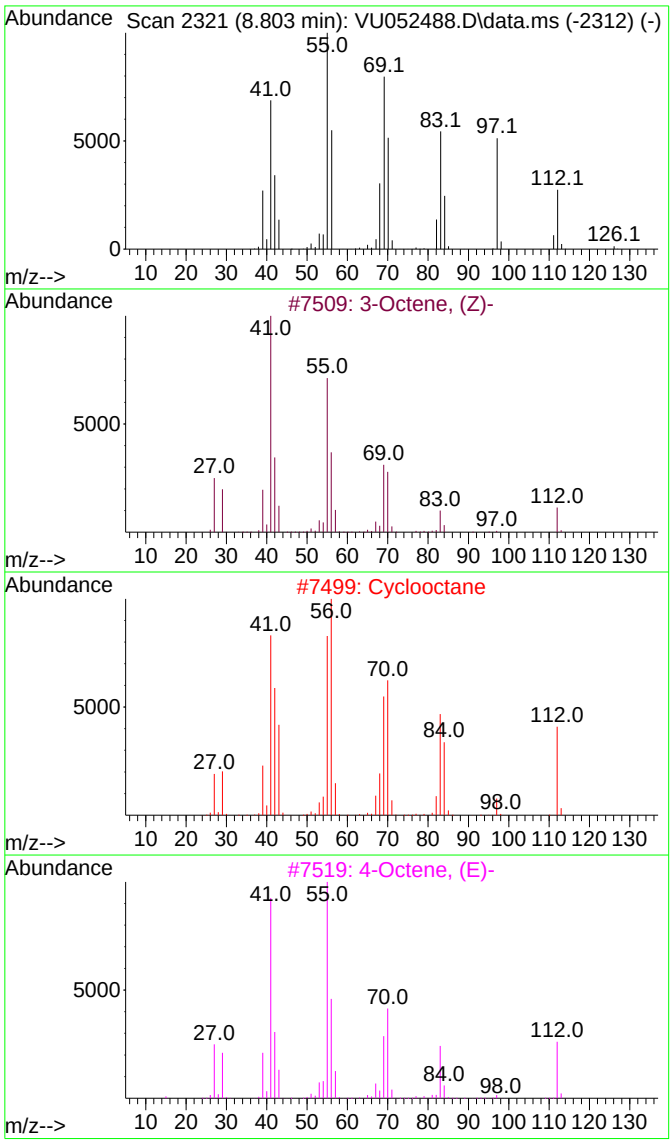
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

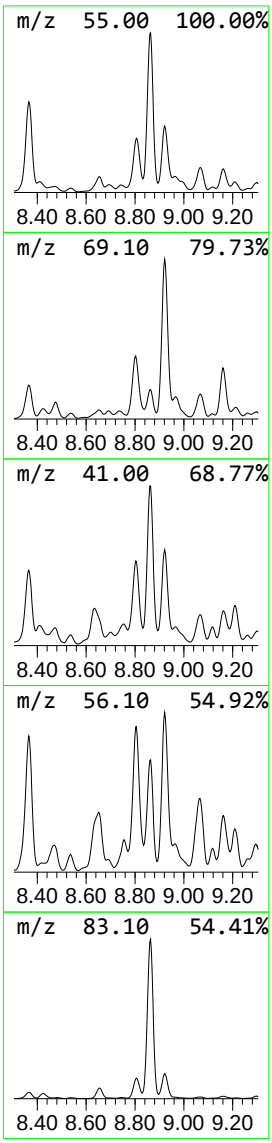
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	5.98 ug/L	2842910	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, (Z)-	112	C8H16	014850-22-7	58
2	Cyclooctane	112	C8H16	000292-64-8	43
3	4-Octene, (E)-	112	C8H16	014850-23-8	43
4	4-Octene, (Z)-	112	C8H16	007642-15-1	43
5	2-Octene, (Z)-	112	C8H16	007642-04-8	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

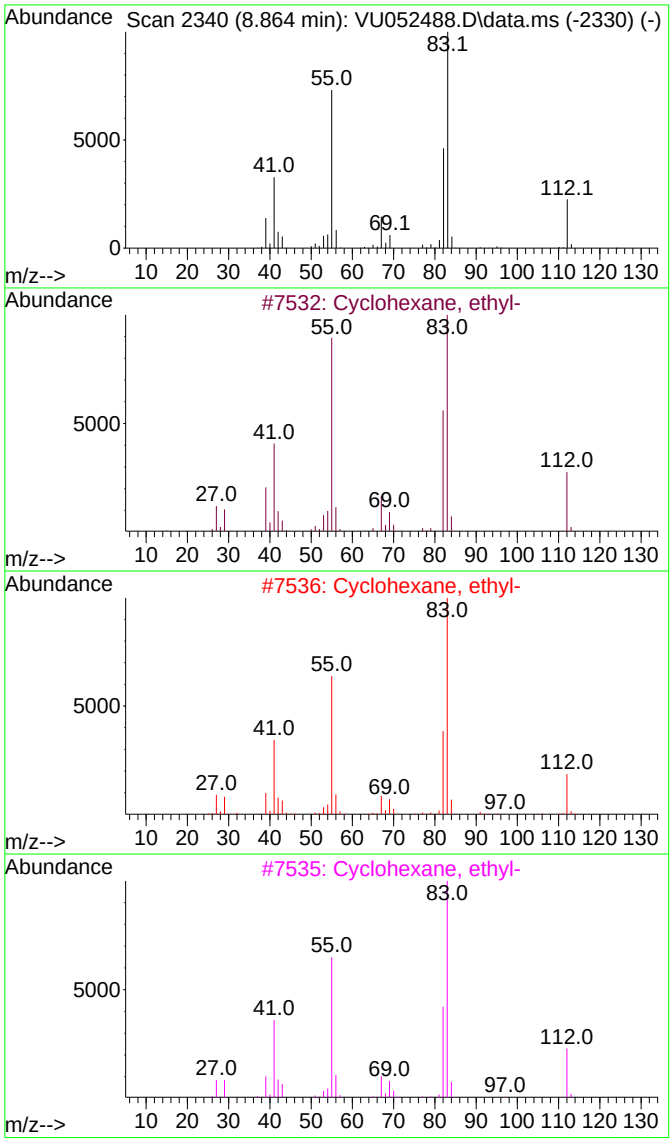
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

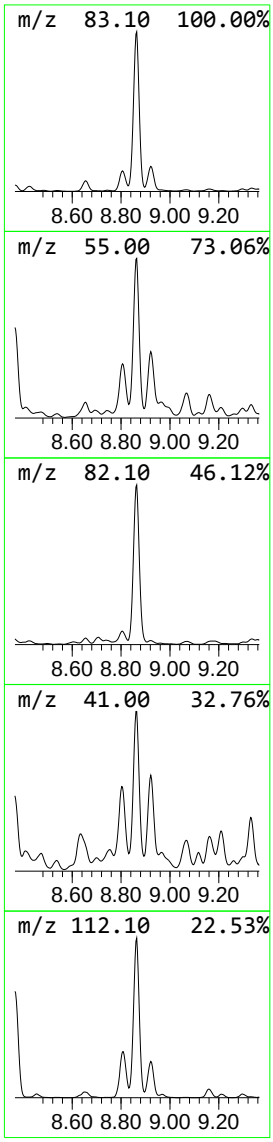
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.864 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.864	11.92 ug/L	5666200	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	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

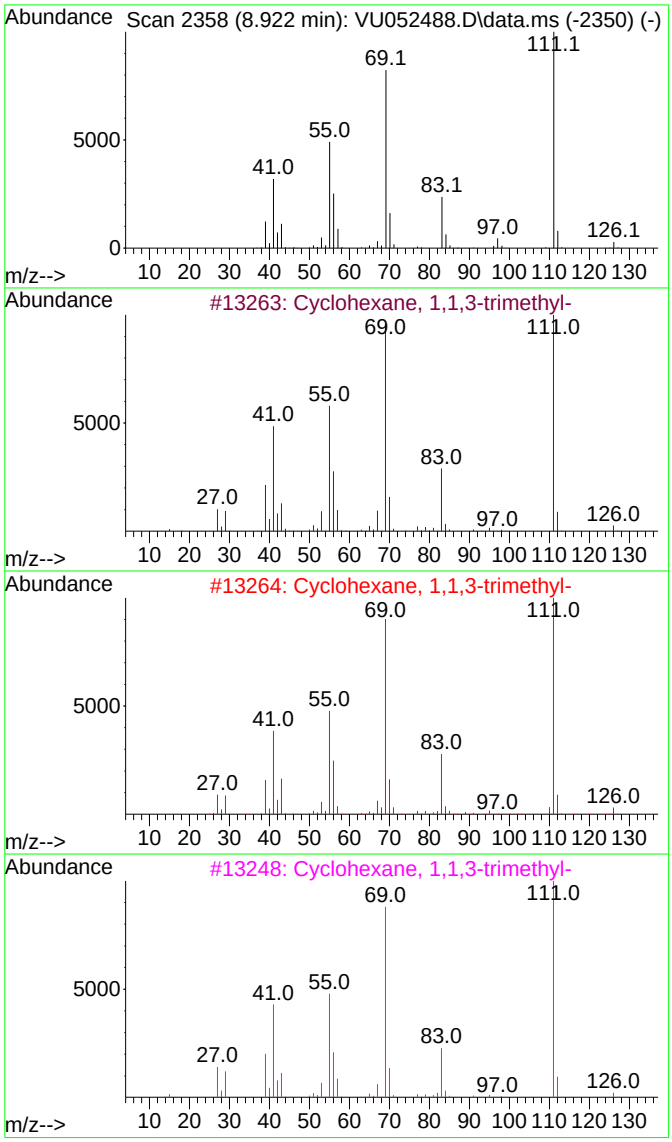
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

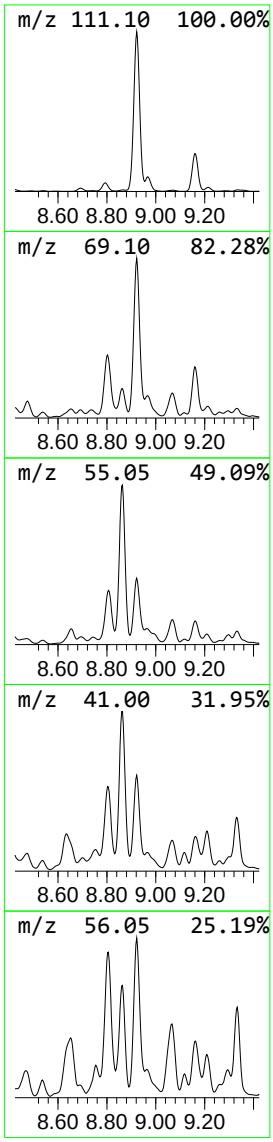
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic8.922 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	7.25 ug/L	3447820	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	91
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

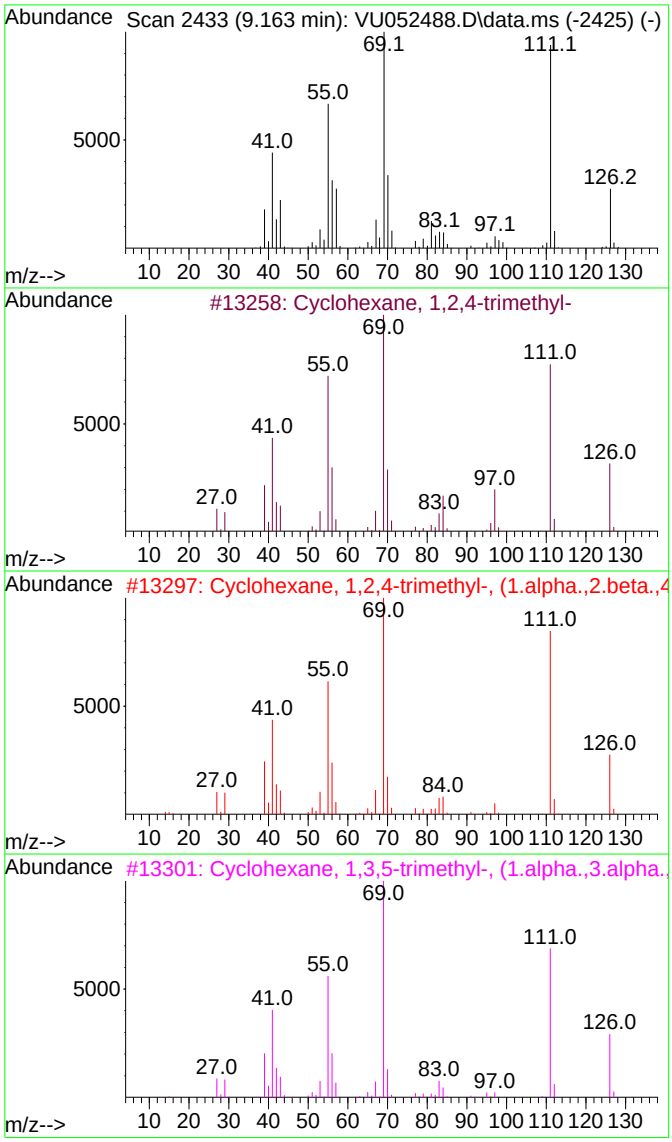
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

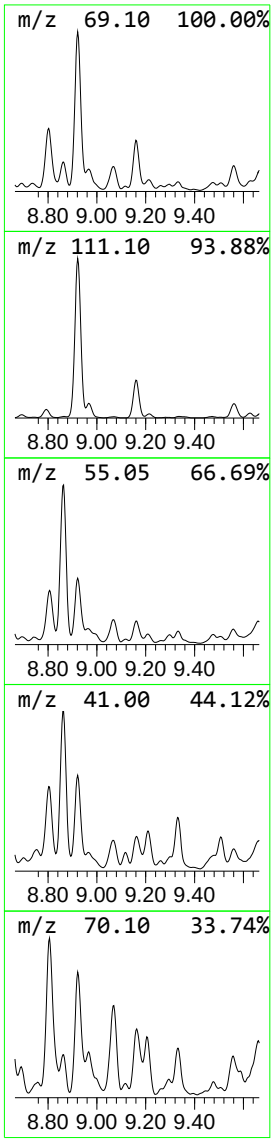
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic9.163 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	3.42 ug/L	1624230	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	83
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

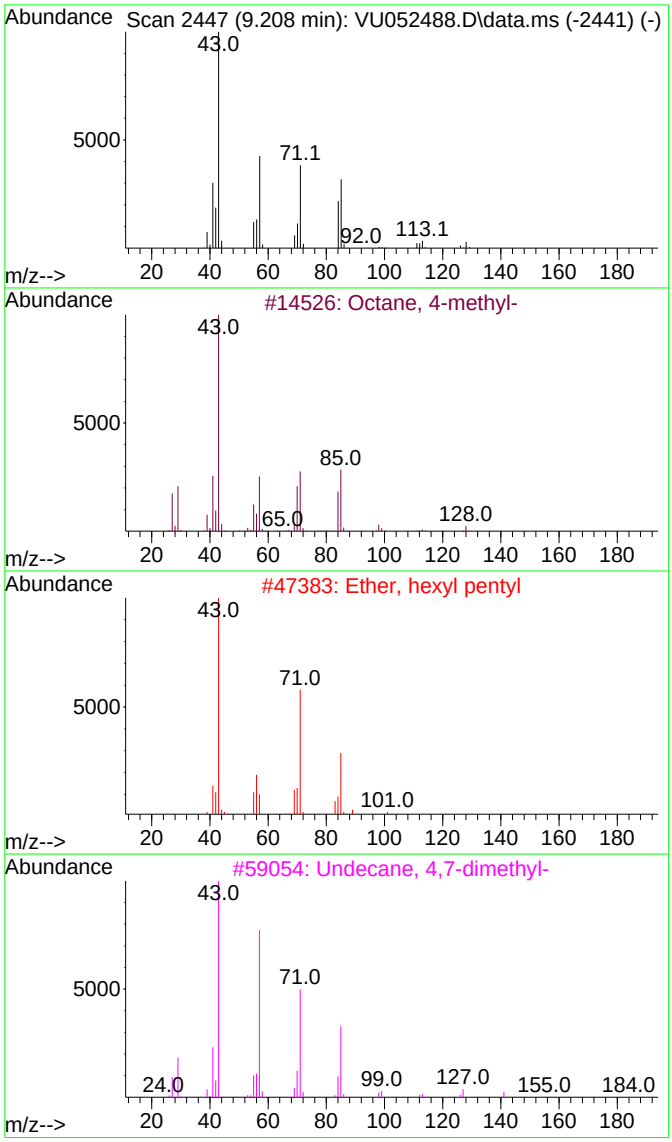
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

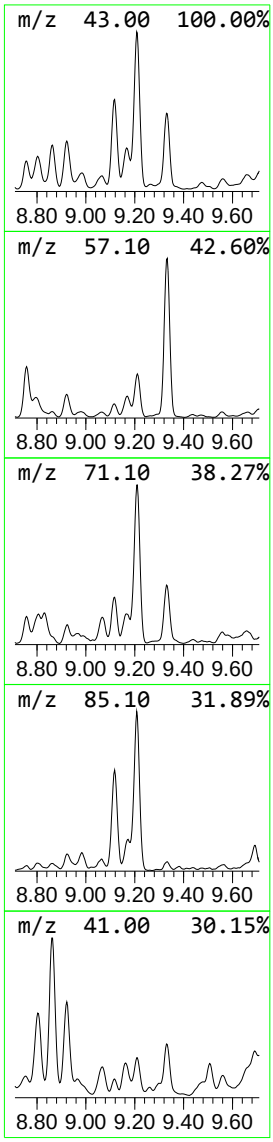
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.208	2.83 ug/L	1347840	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	80
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

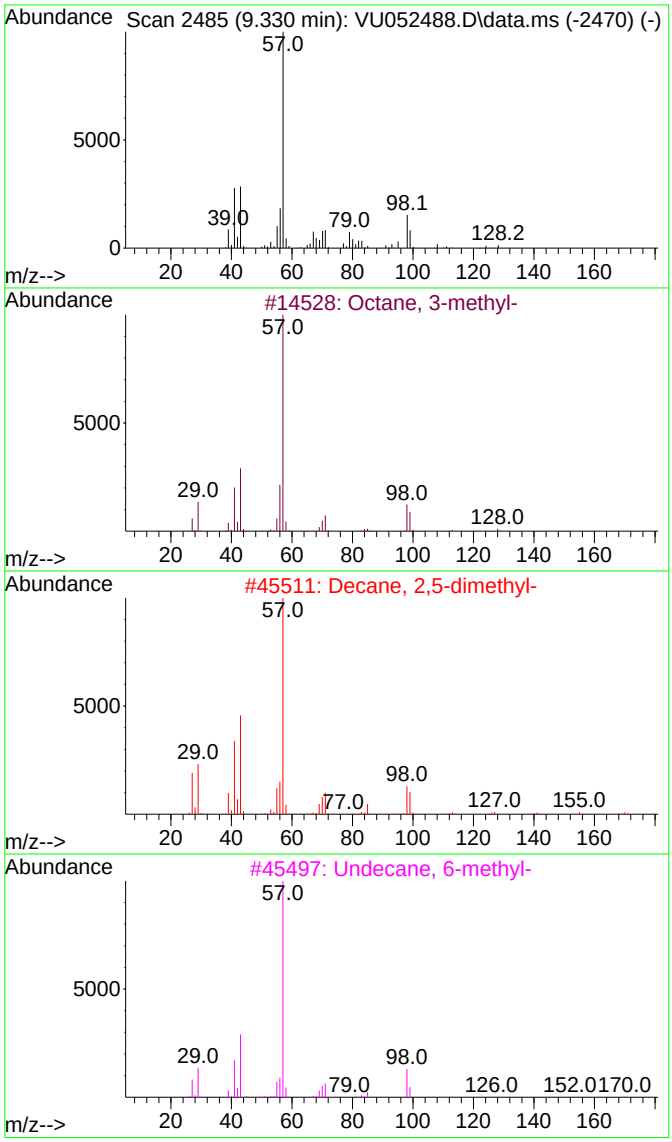
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

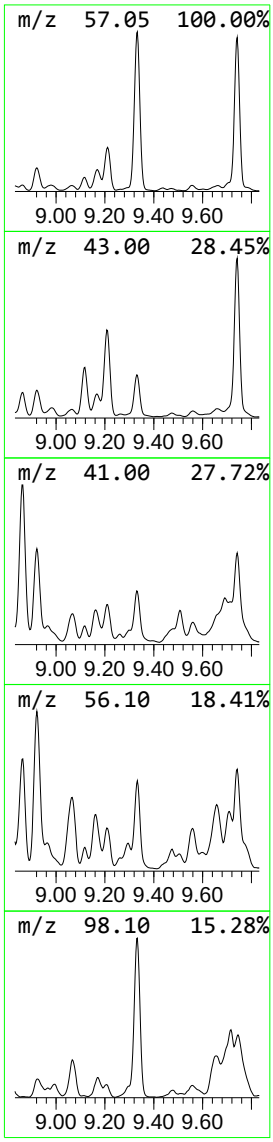
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.330	5.00 ug/L	2377670	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	70
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
4	Octane, 3-methyl-	128	C9H20	002216-33-3	53
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

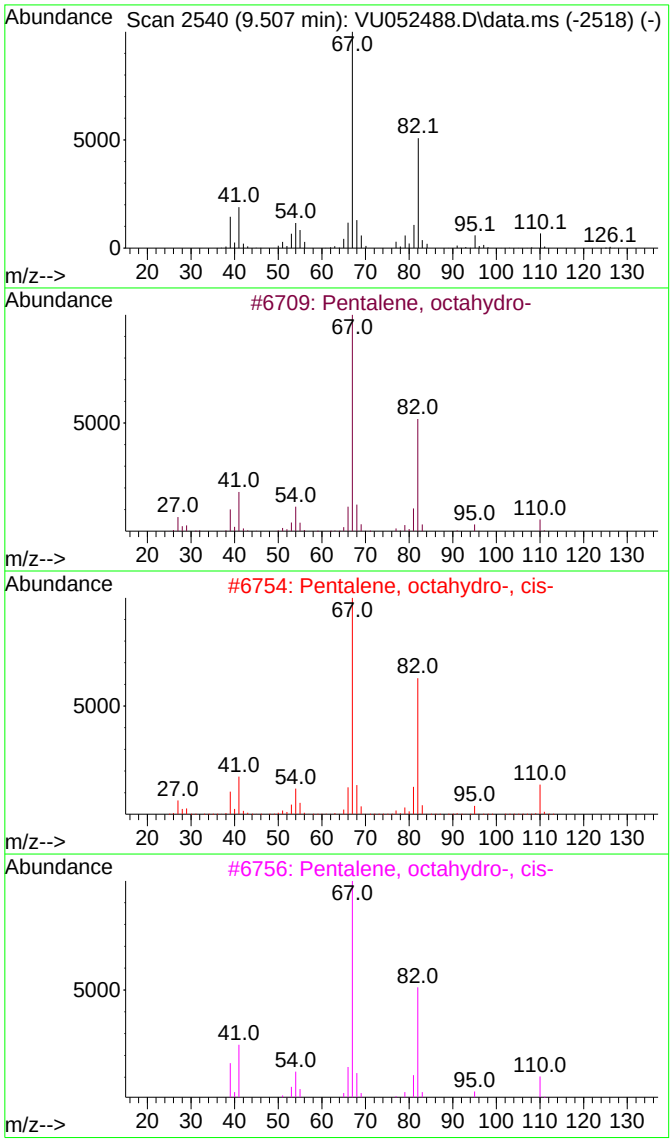
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

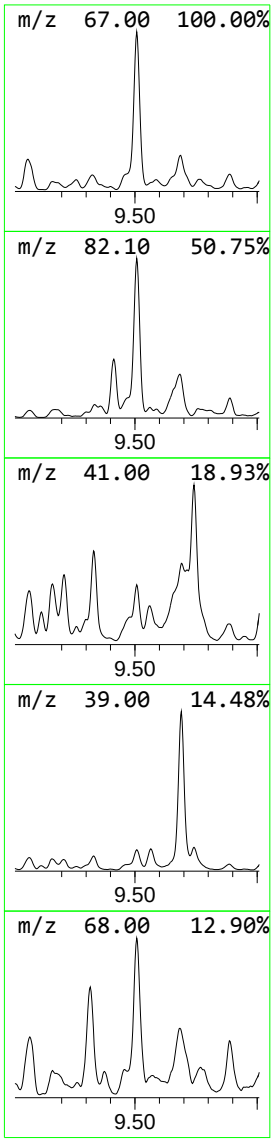
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Pentalene, octahydro- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.507	5.12 ug/L	2436910	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	91
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	87
5	trans-3-Hexen-1-ol, chlorodifluo...	212	C8H11ClF2O2	1000447-24-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

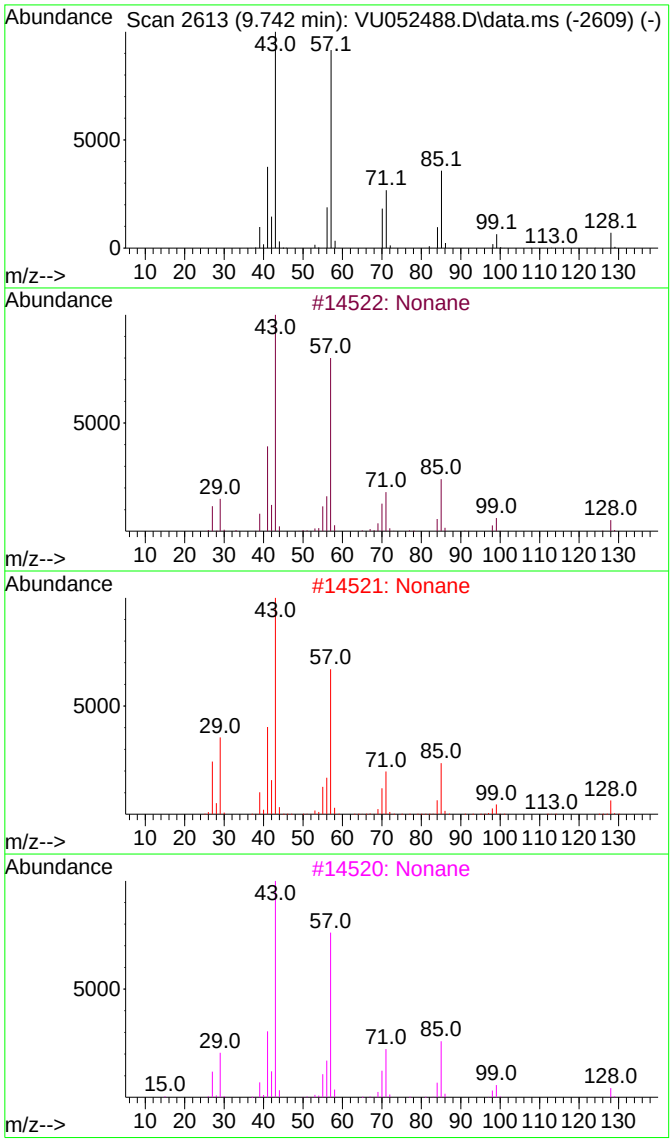
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

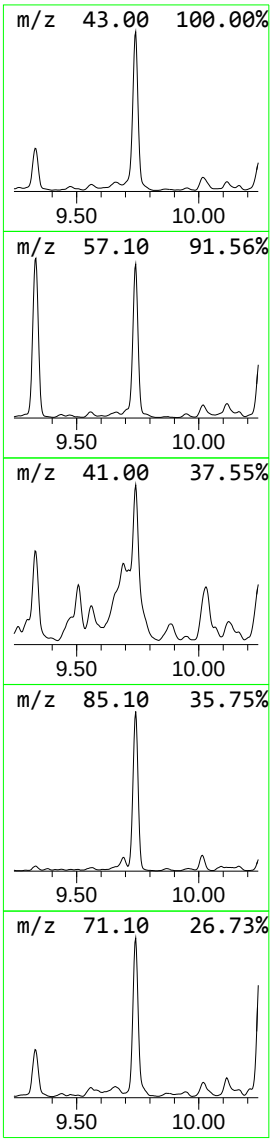
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.742	7.84 ug/L	3727840	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	91
3	Nonane	128	C9H20	000111-84-2	91
4	Nonane	128	C9H20	000111-84-2	91
5	Octane	114	C8H18	000111-65-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

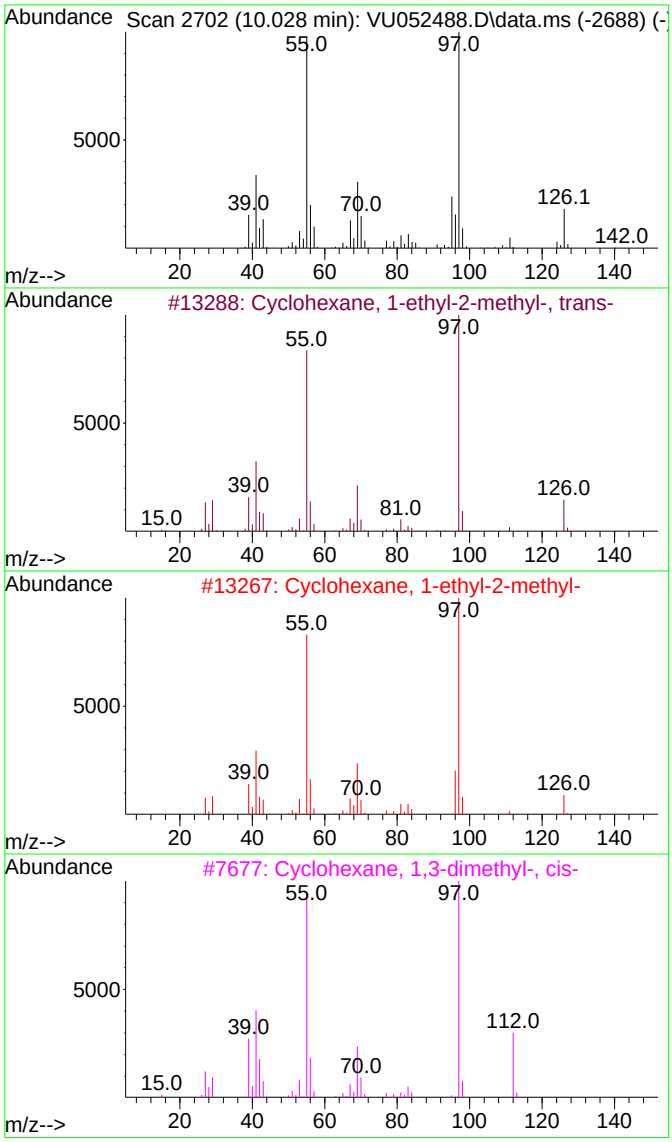
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

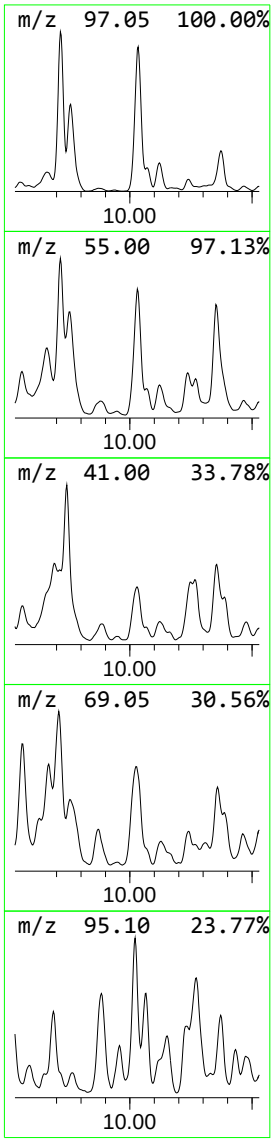
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic10.028 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	4.91 ug/L	2336320	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	76
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
5	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

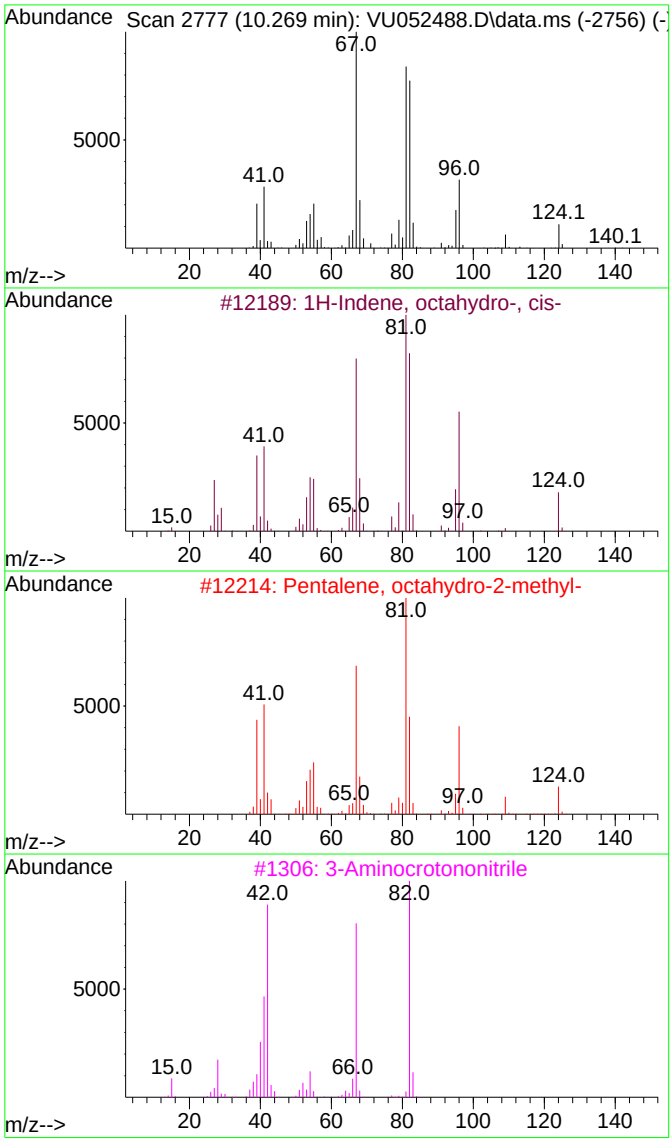
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

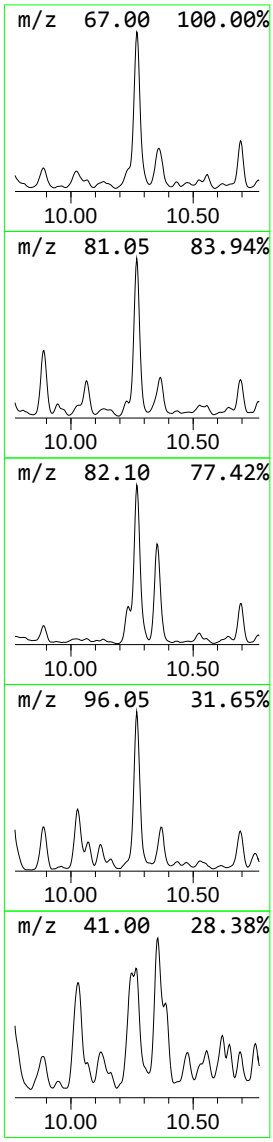
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indene, octahydro-, cis- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	8.38 ug/L	3982610	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	58
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	53
3	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	43
4	(E)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-74-9	43
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

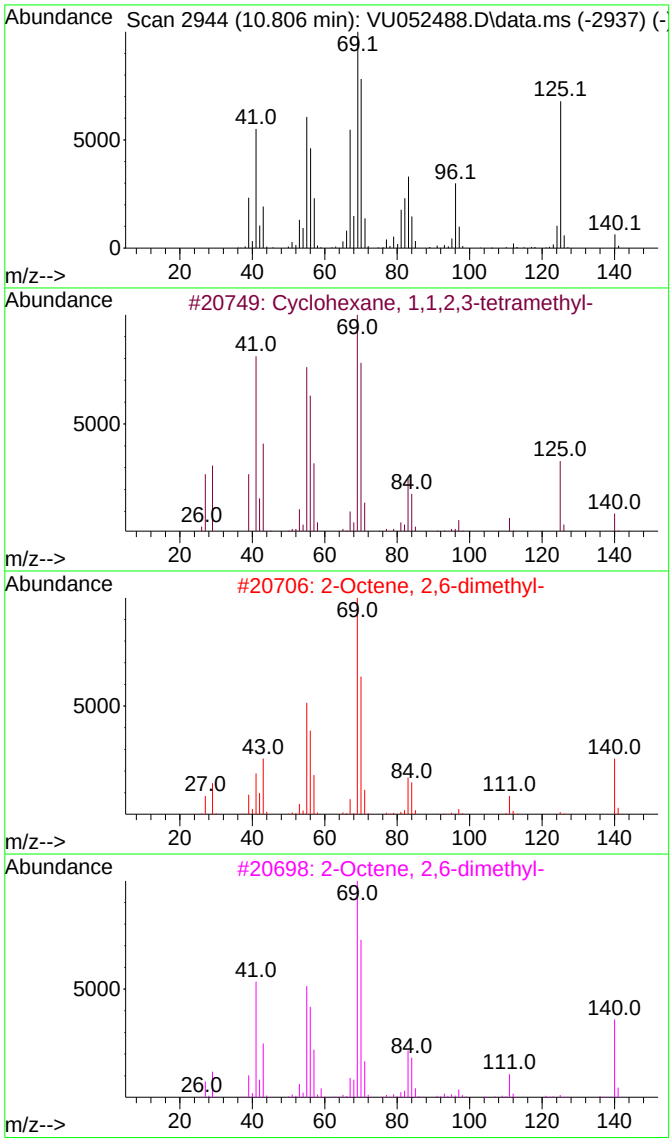
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

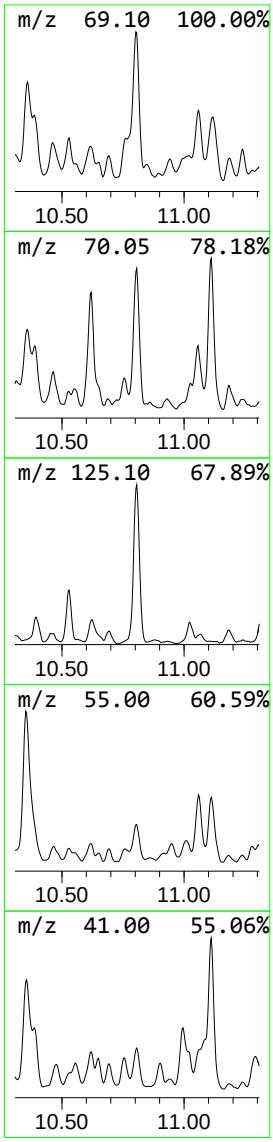
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic10.806 Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.806	2.74 ug/L	831872	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	70
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

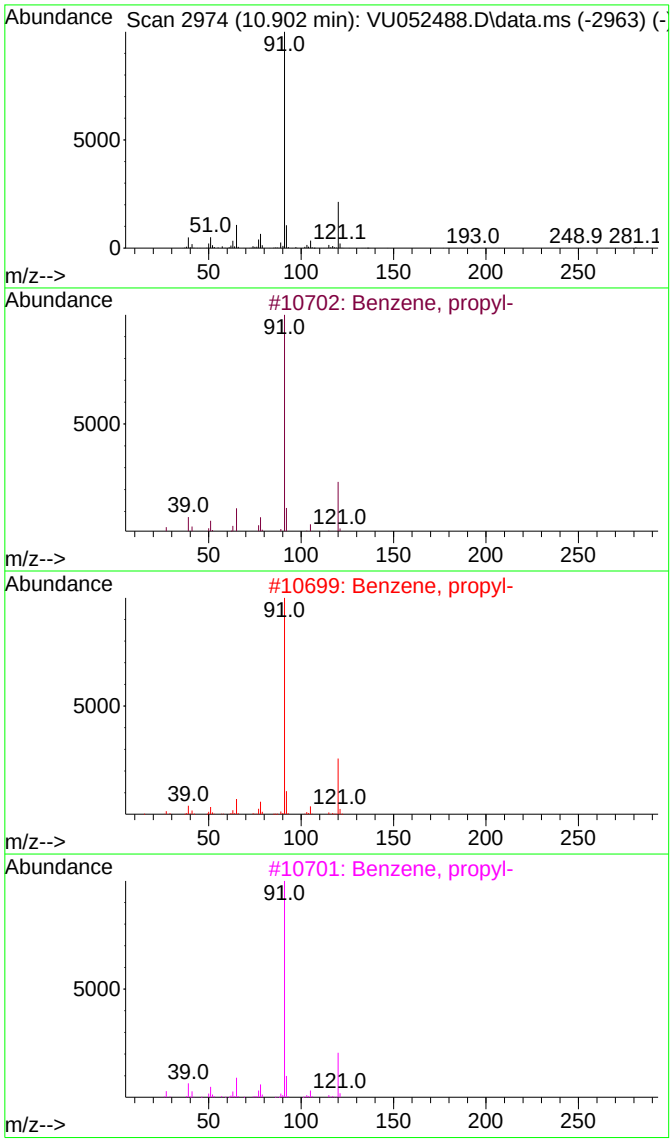
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

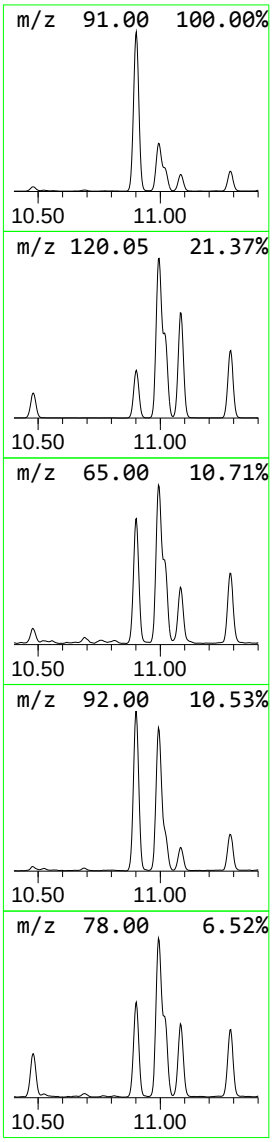
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	11.13 ug/L	3373460	1,4-Dichlorobenzene-d4	11.809

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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

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

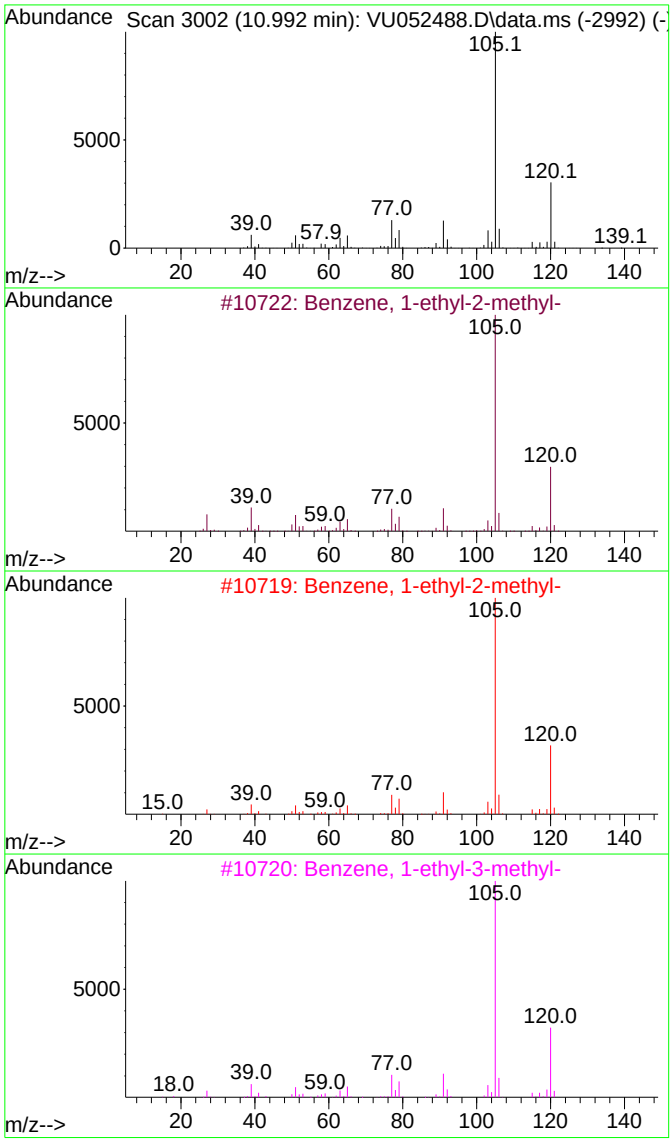
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

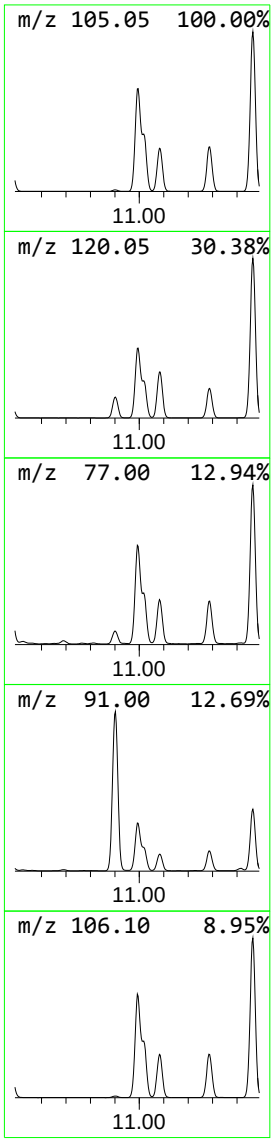
****

Peak Number 41 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	38.10 ug/L	11549800	1,4-Dichlorobenzene-d4	11.809

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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

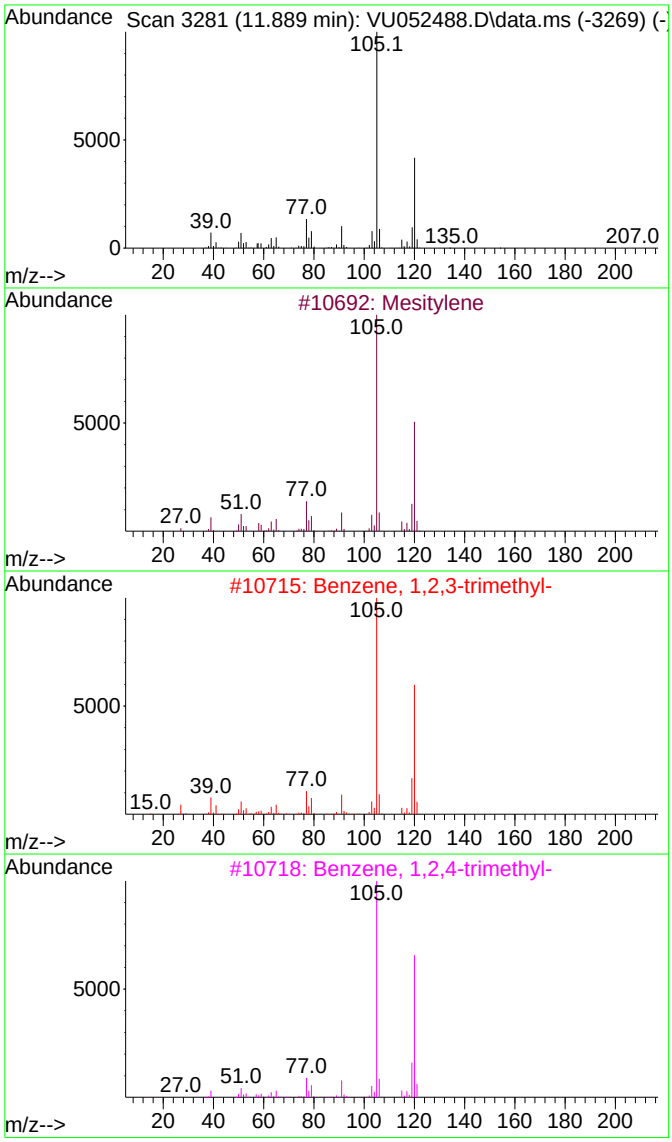
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

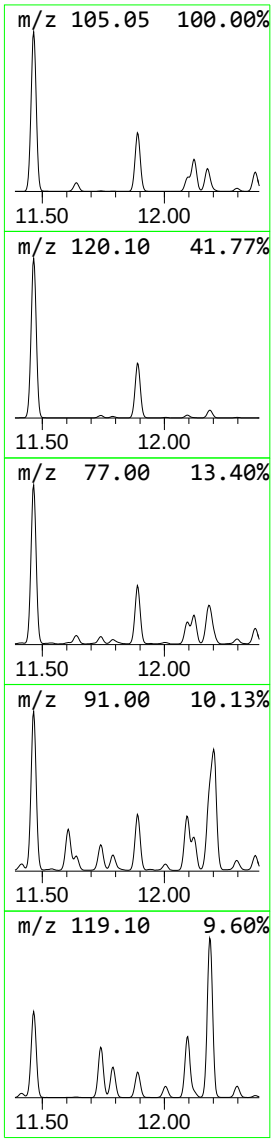
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.889	21.59 ug/L	6546850	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

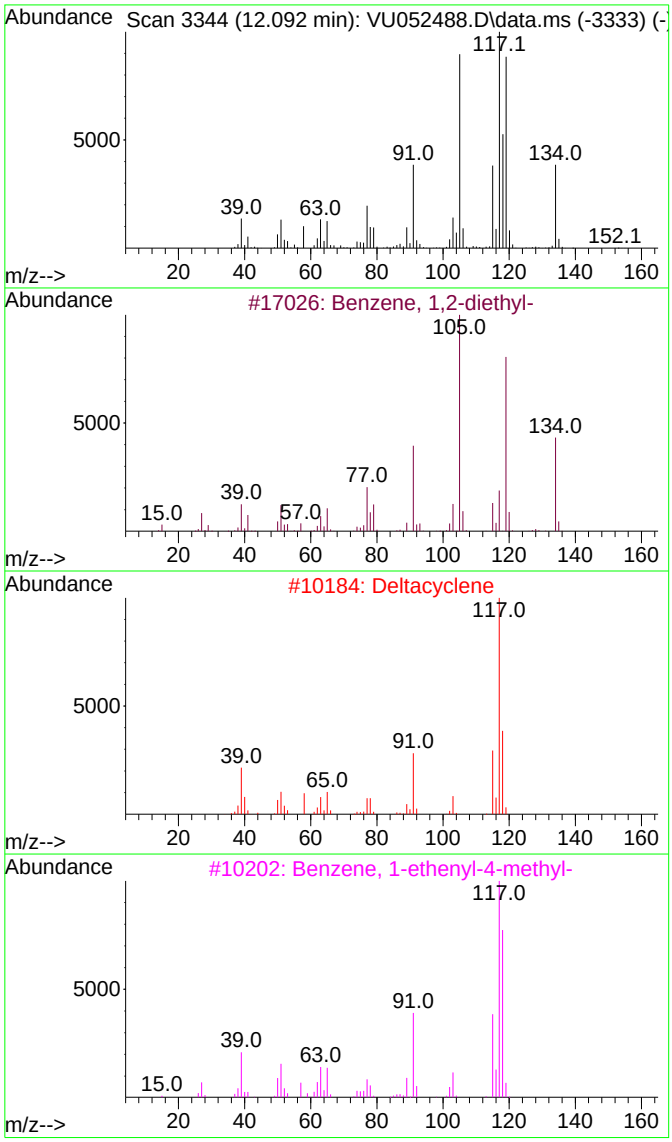
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

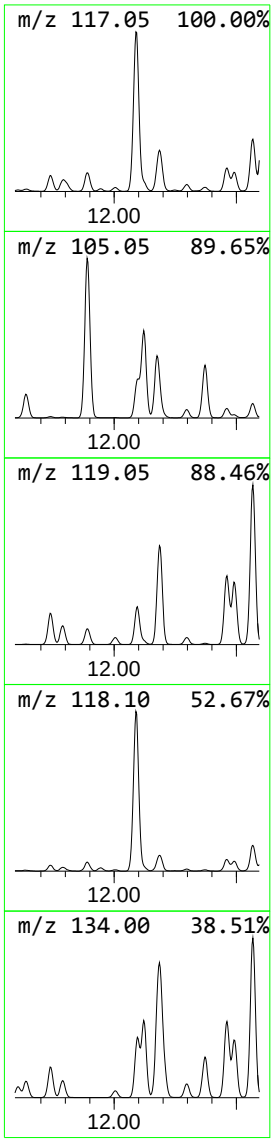
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1,2-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	13.64 ug/L	4136460	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
2	Deltacyclene	118	C9H10	007785-10-6	80
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

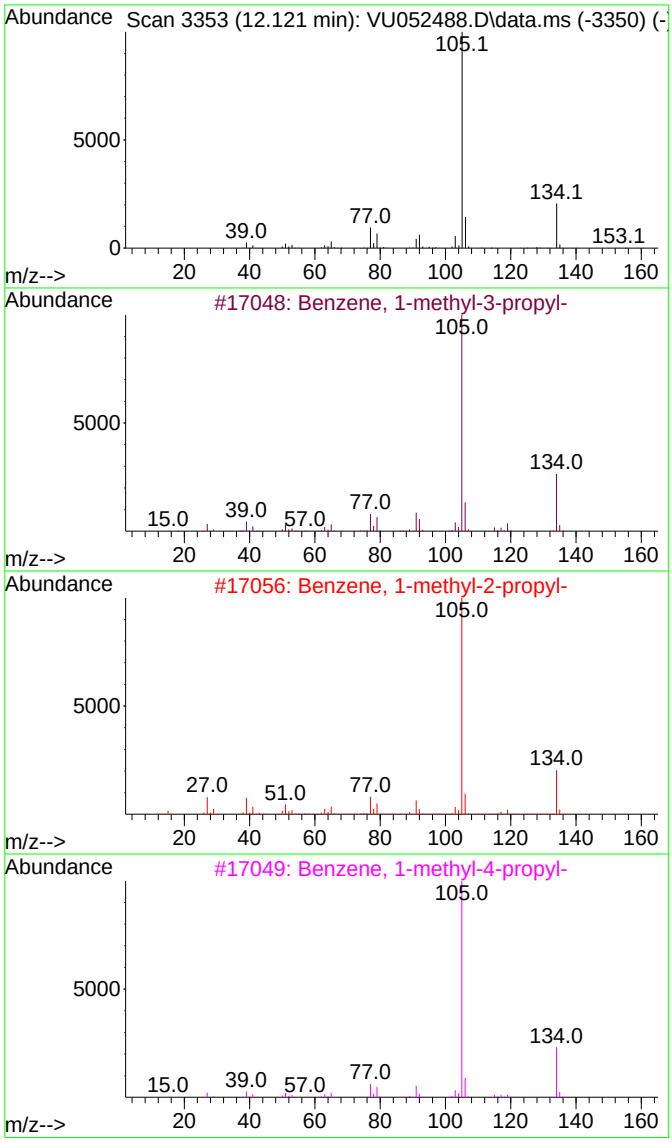
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

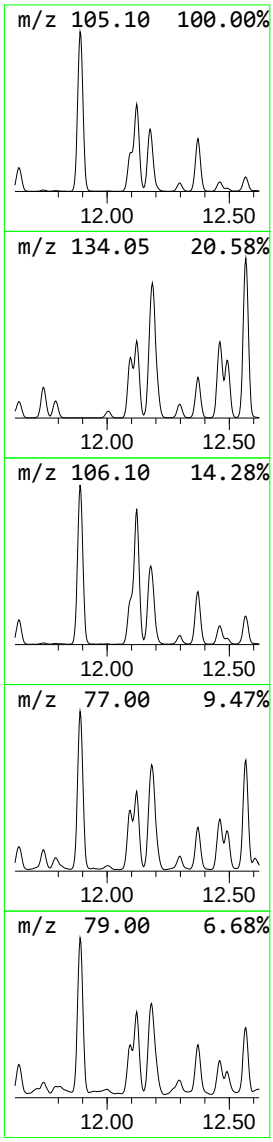
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-methyl-3-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	8.00 ug/L	2424630	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

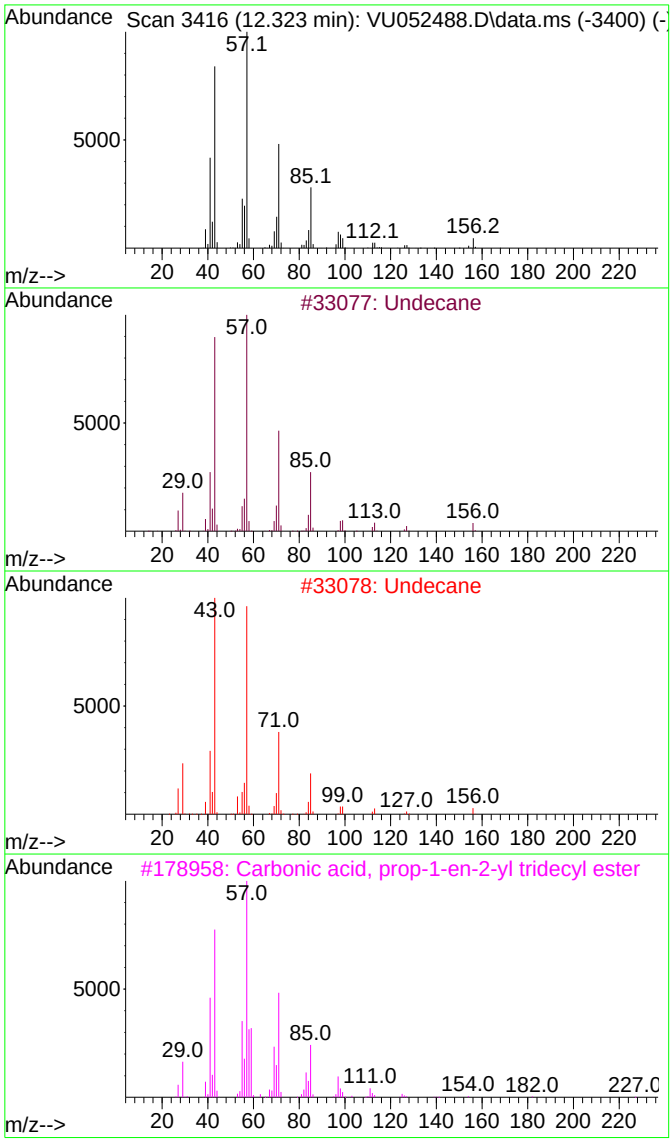
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

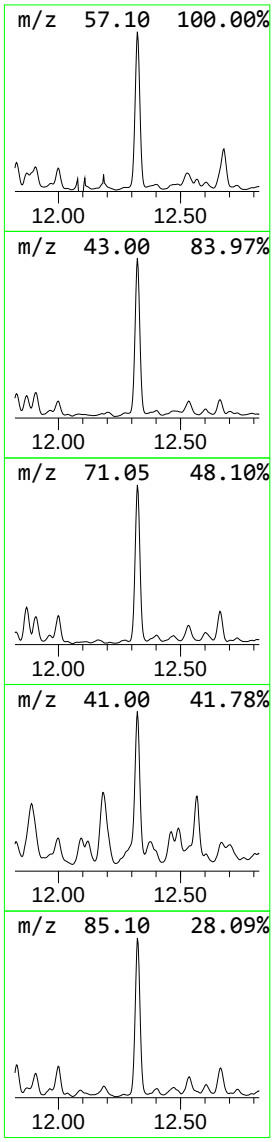
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.323	6.87 ug/L	2083740	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	91
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
4	Decane	142	C10H22	000124-18-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

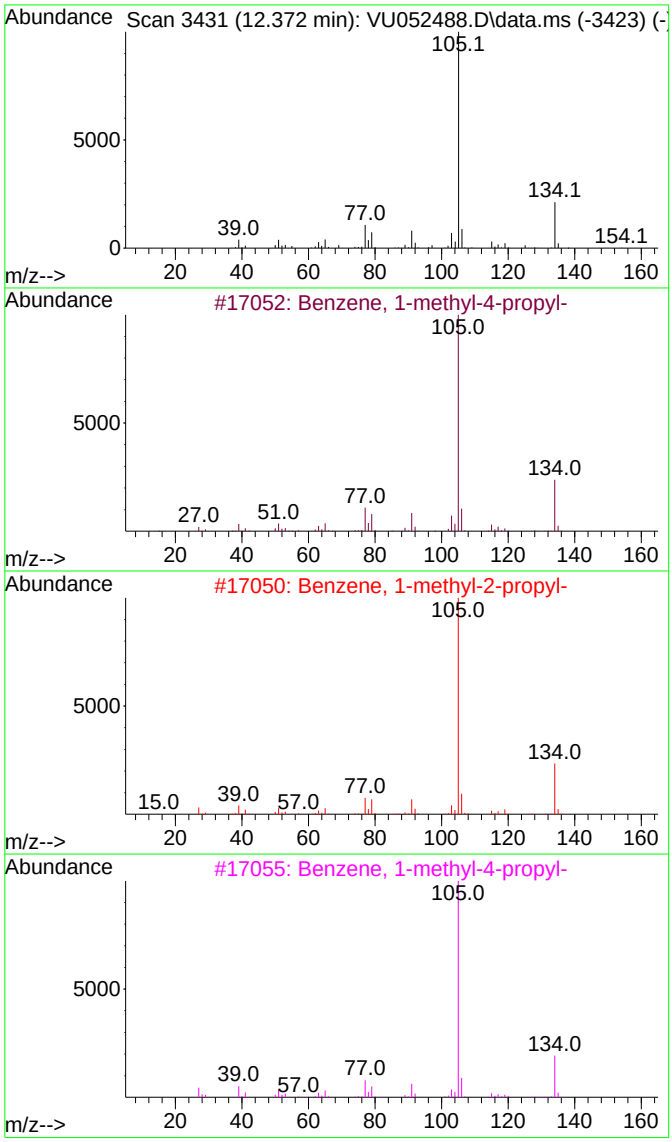
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

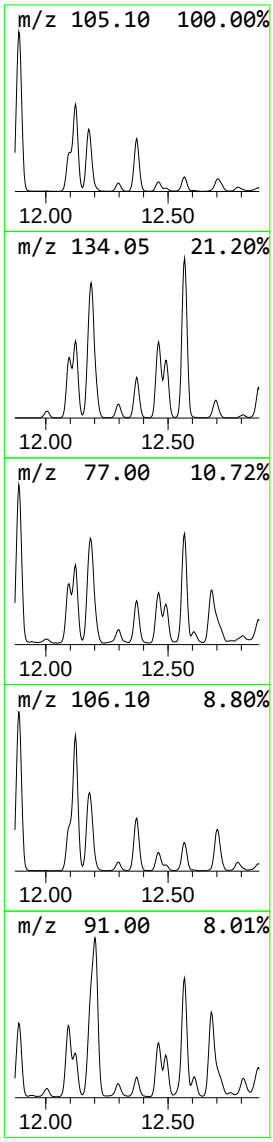
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1-methyl-4-propyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	6.41 ug/L	1944370	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

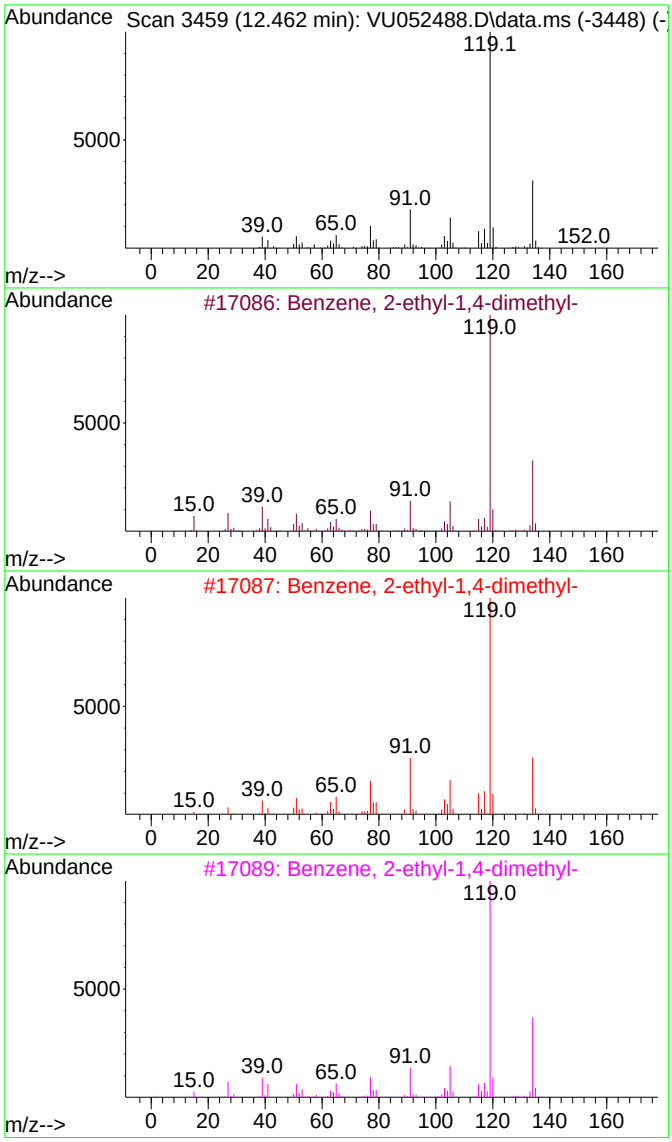
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

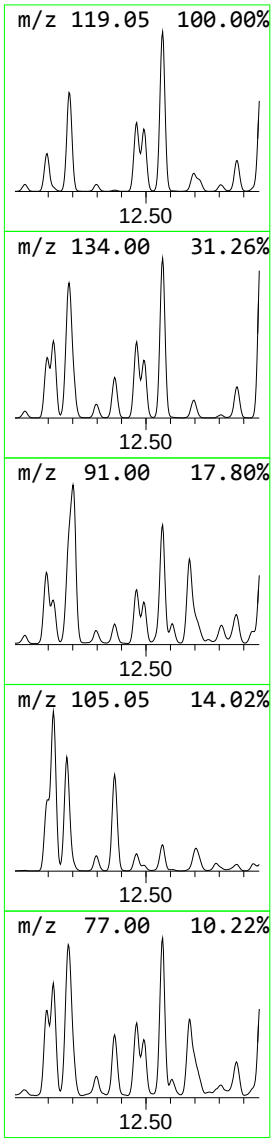
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	9.25 ug/L	2803660	1,4-Dichlorobenzene-d4	11.809

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	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

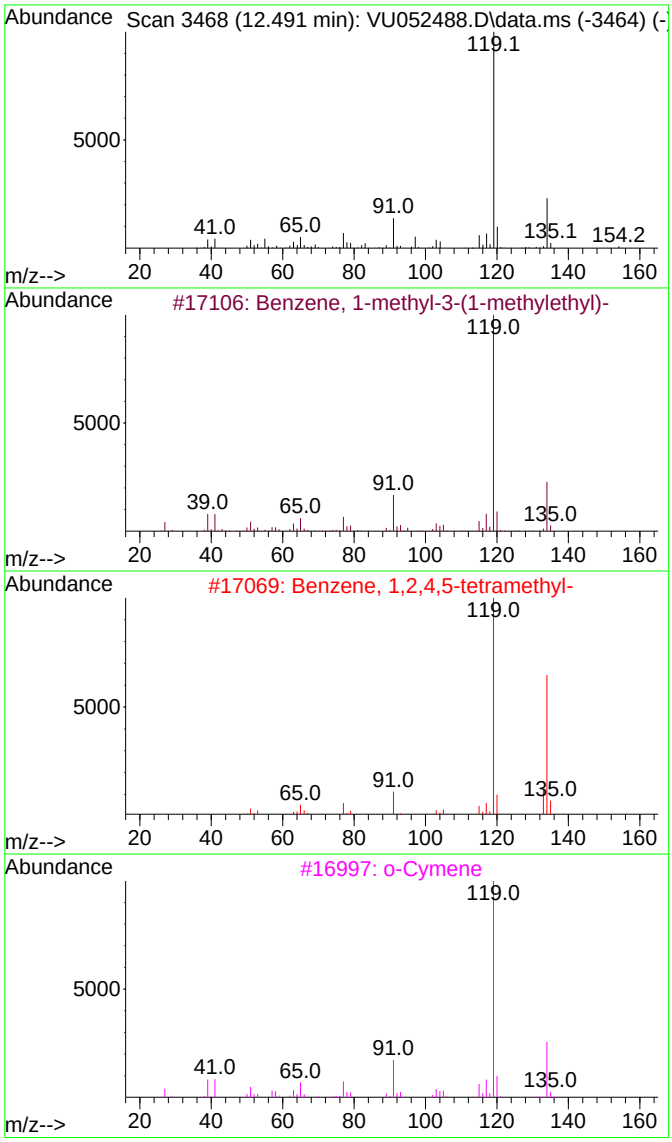
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

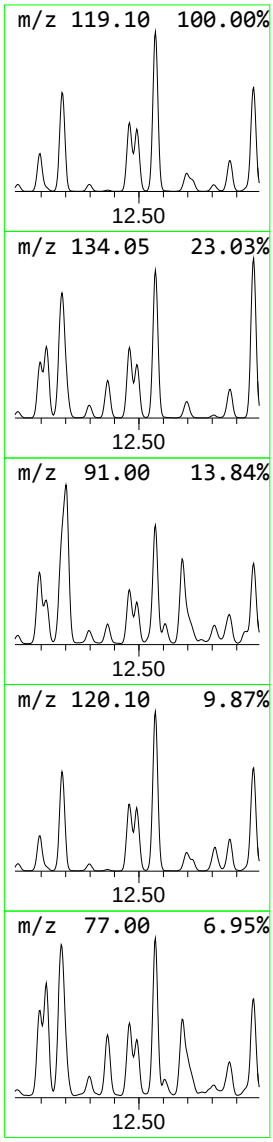
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1-methyl-3-(1-meth... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.491	6.23 ug/L	1887900	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

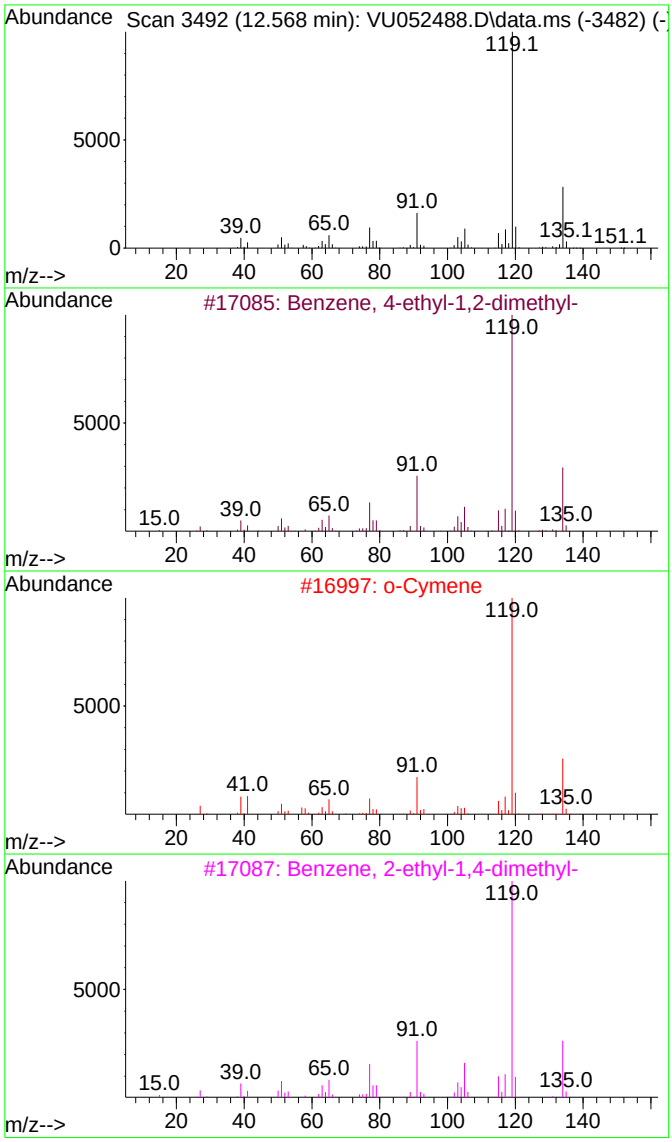
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

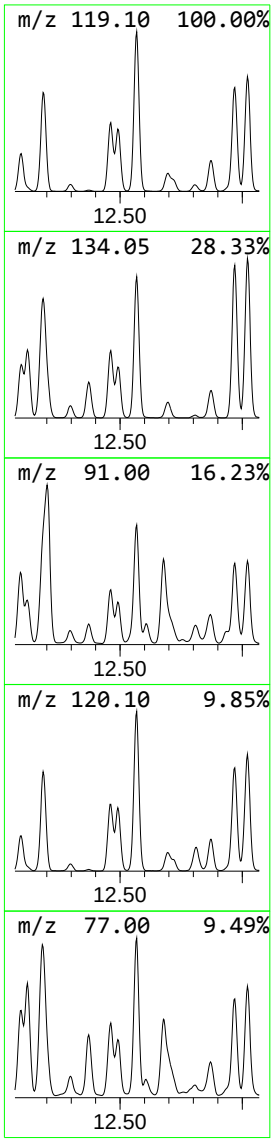
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	18.31 ug/L	5551070	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

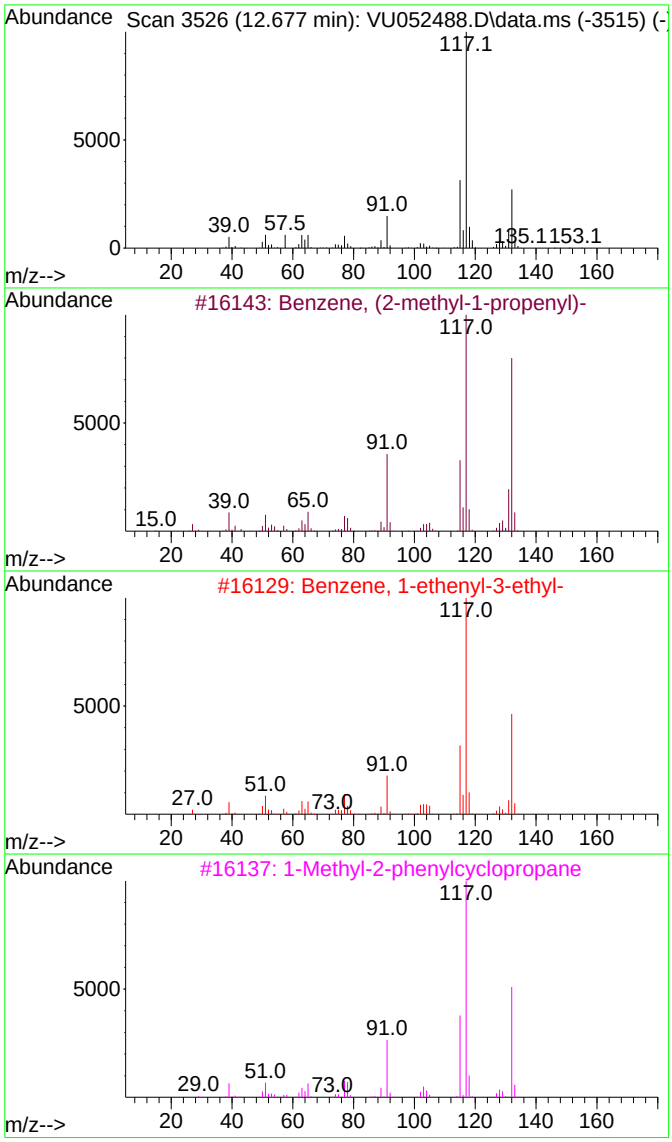
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

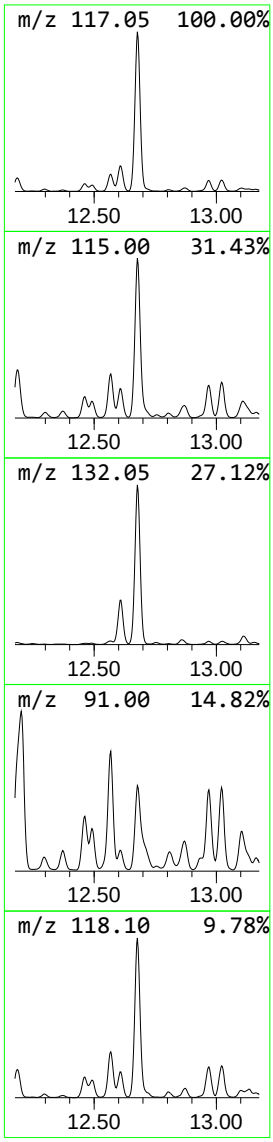
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, (2-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	22.01 ug/L	6674040	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

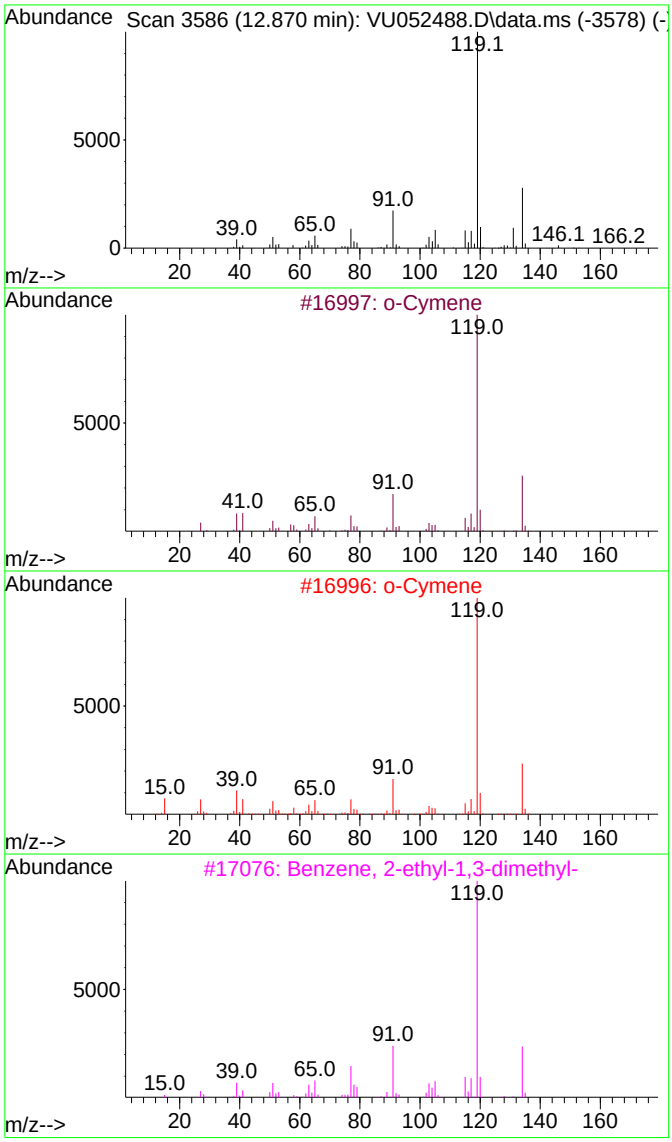
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

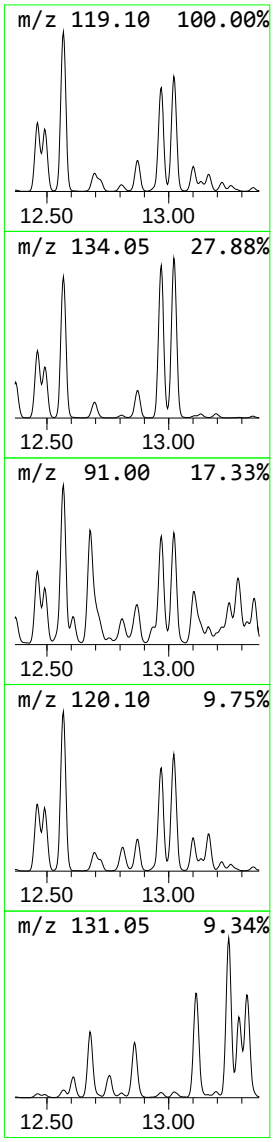
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.870	4.54 ug/L	1376190	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

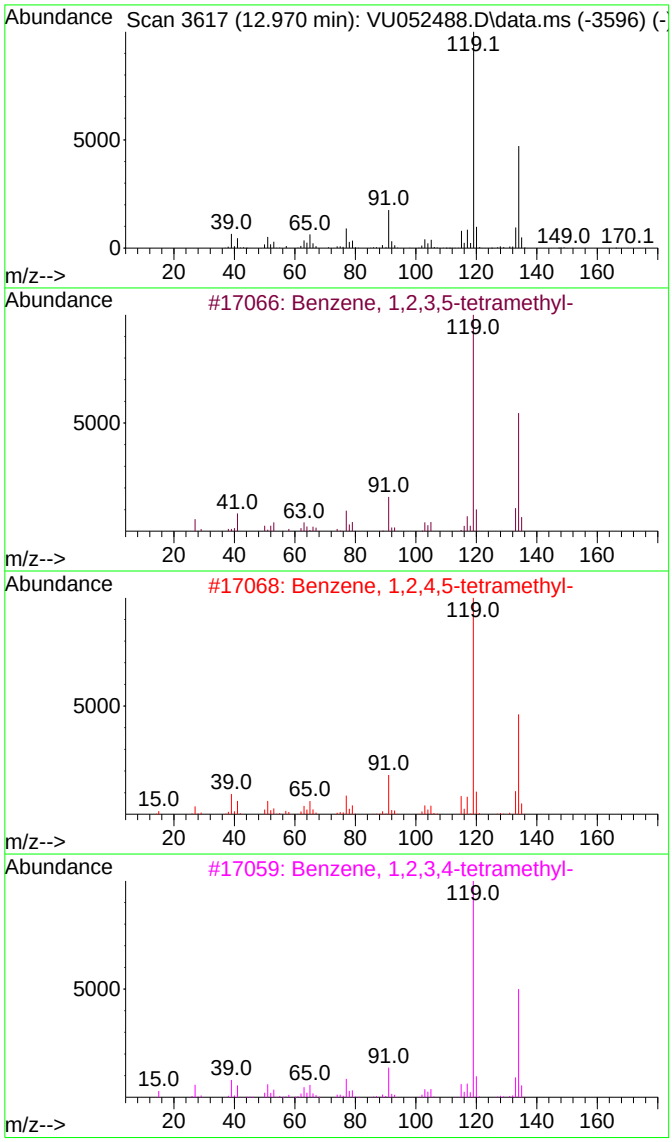
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

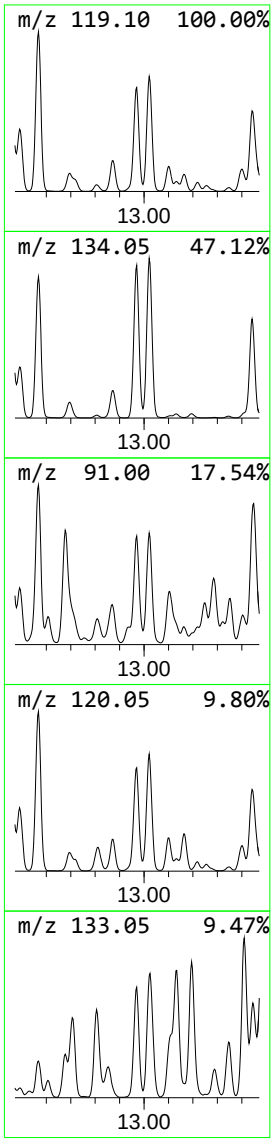
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	16.08 ug/L	4874810	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

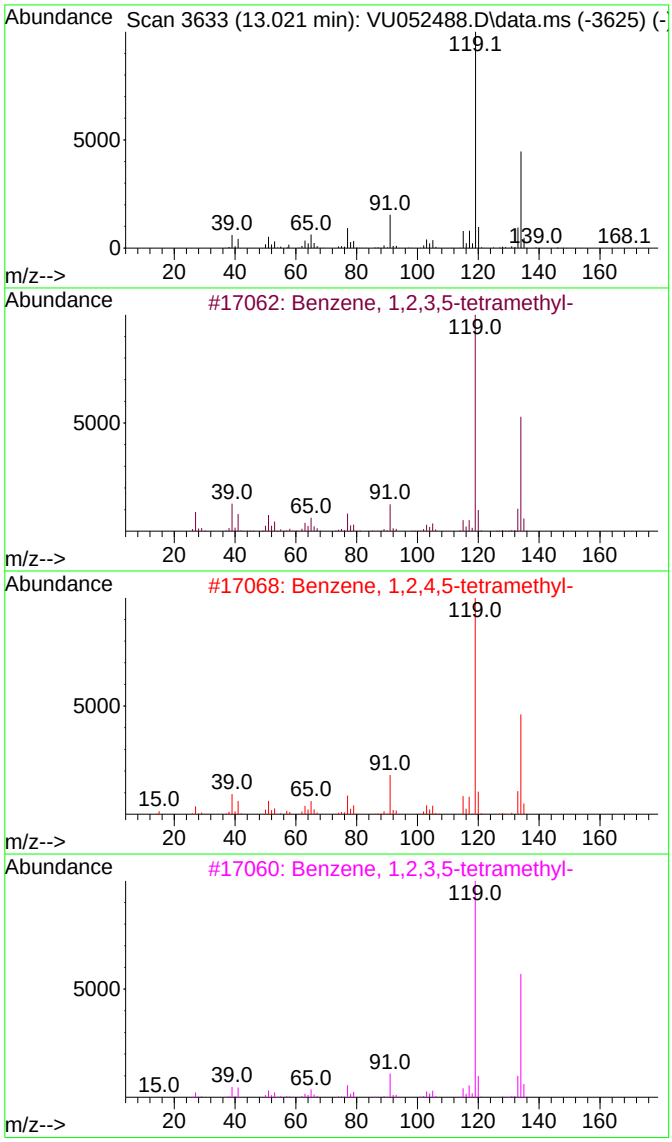
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

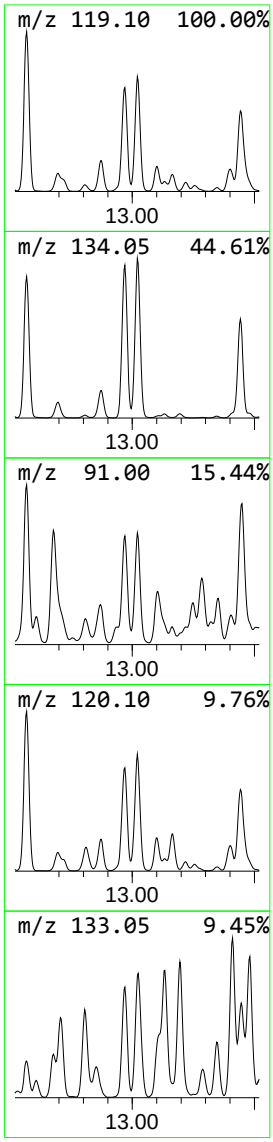
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	16.38 ug/L	4965930	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

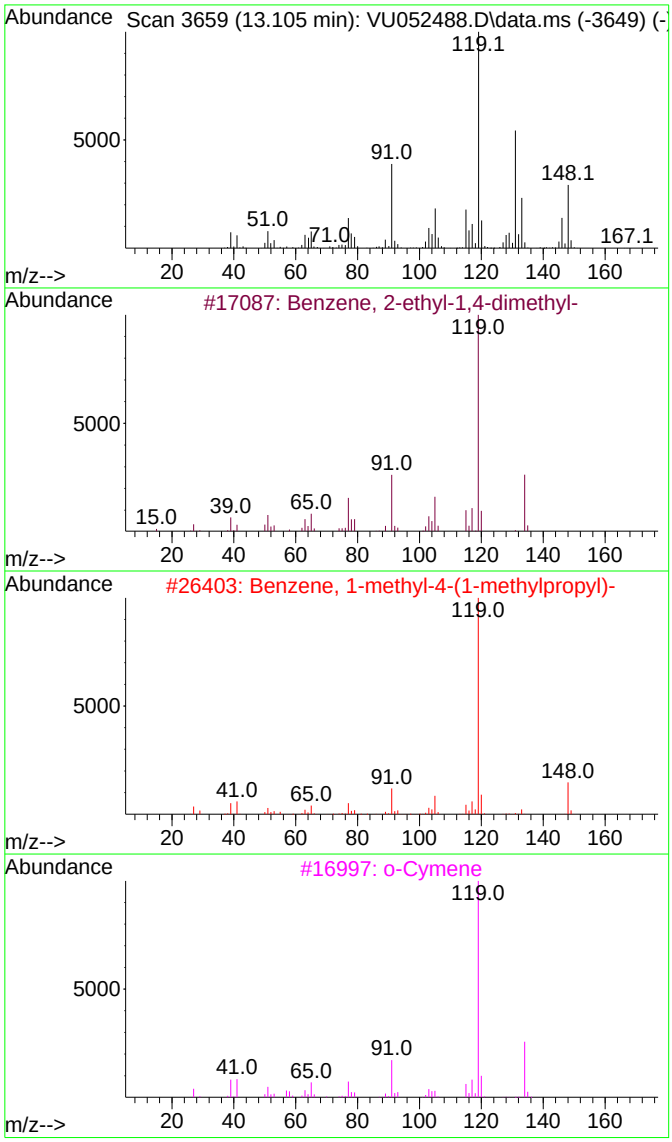
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

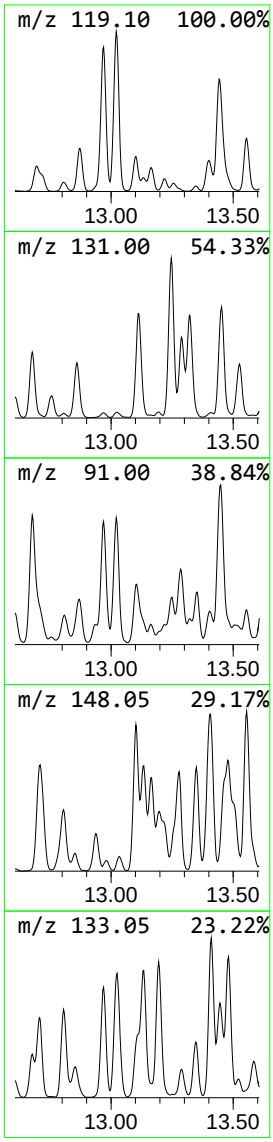
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Benzene, 1-methyl-4-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	8.50 ug/L	2578430	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
3	o-Cymene	134	C10H14	000527-84-4	50
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

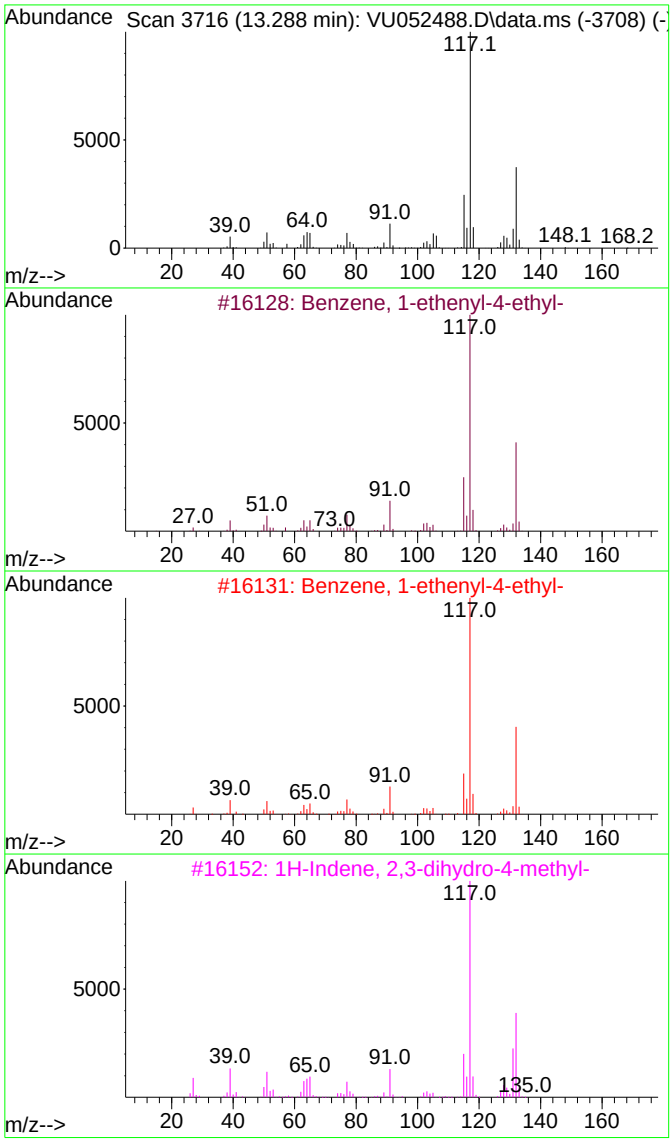
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

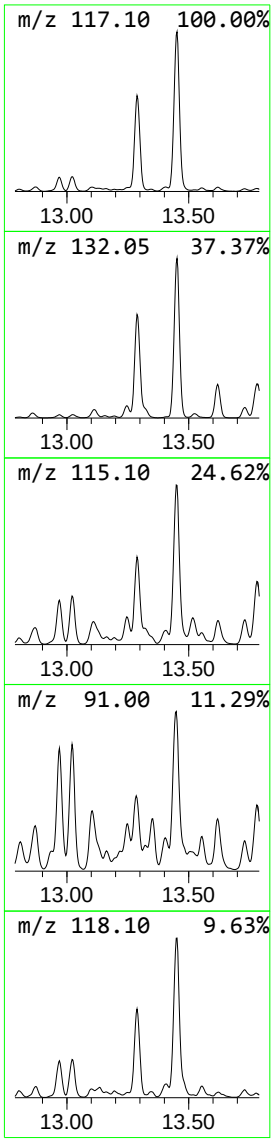
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	7.92 ug/L	2401720	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

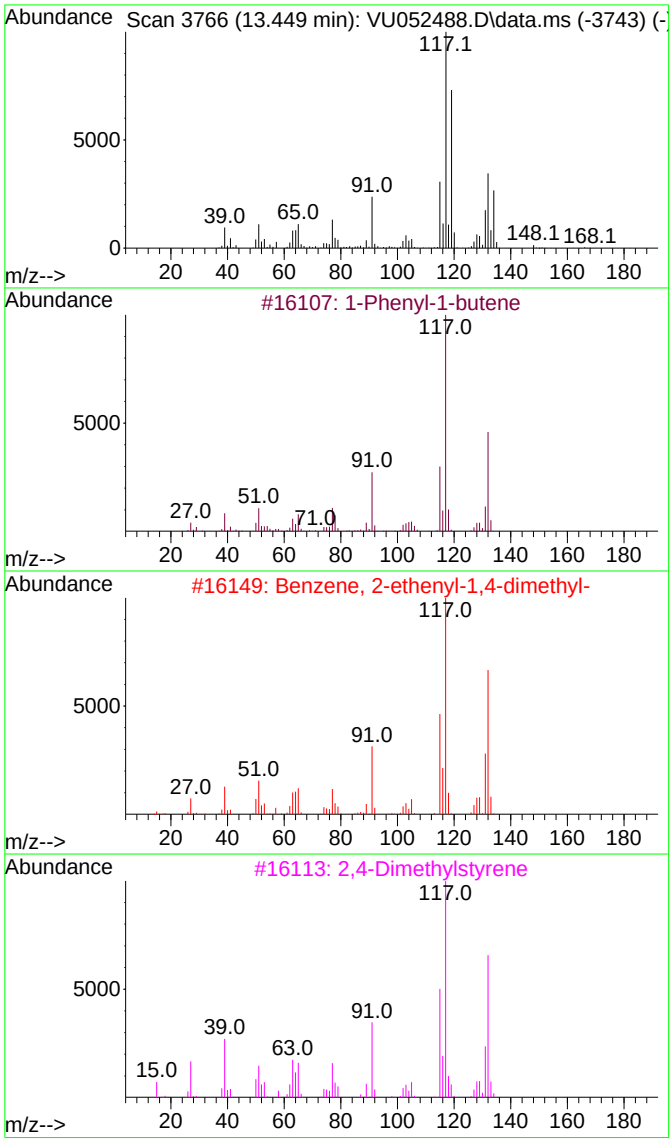
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

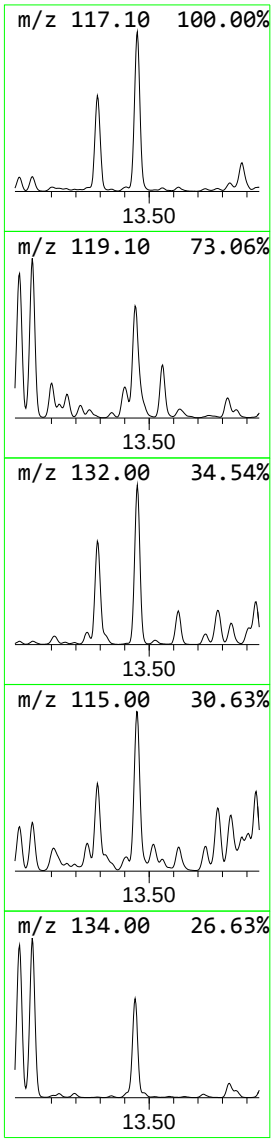
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	34.53 ug/L	10468500	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

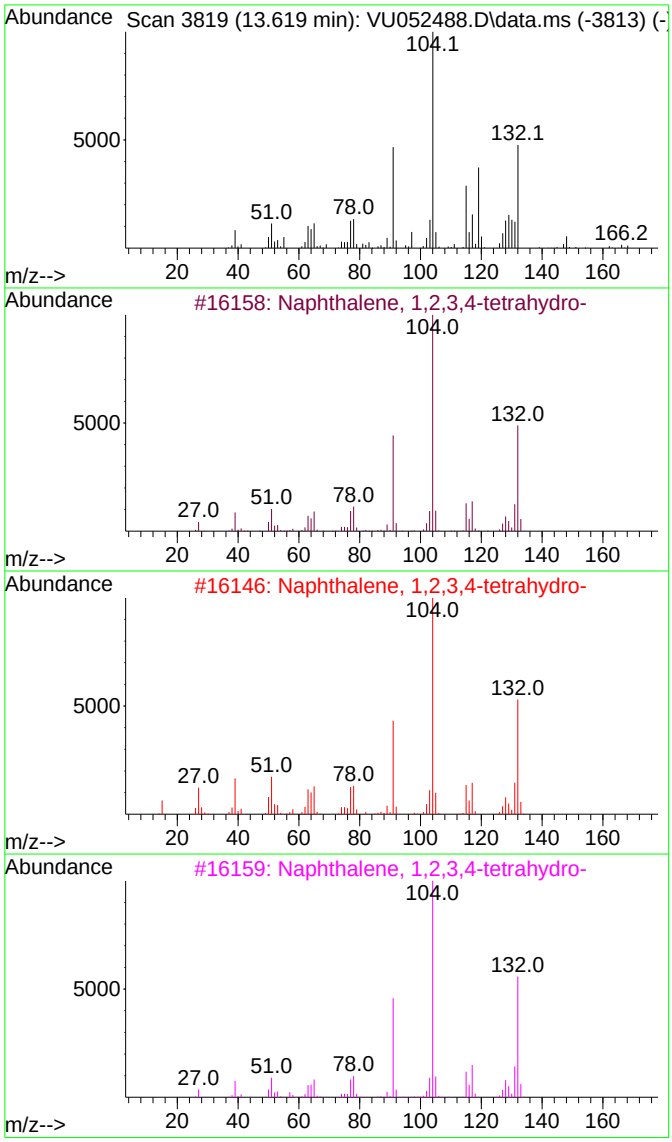
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

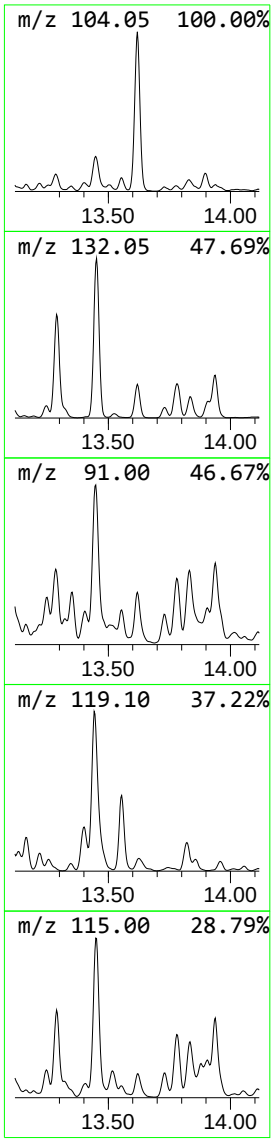
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	5.85 ug/L	1773520	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

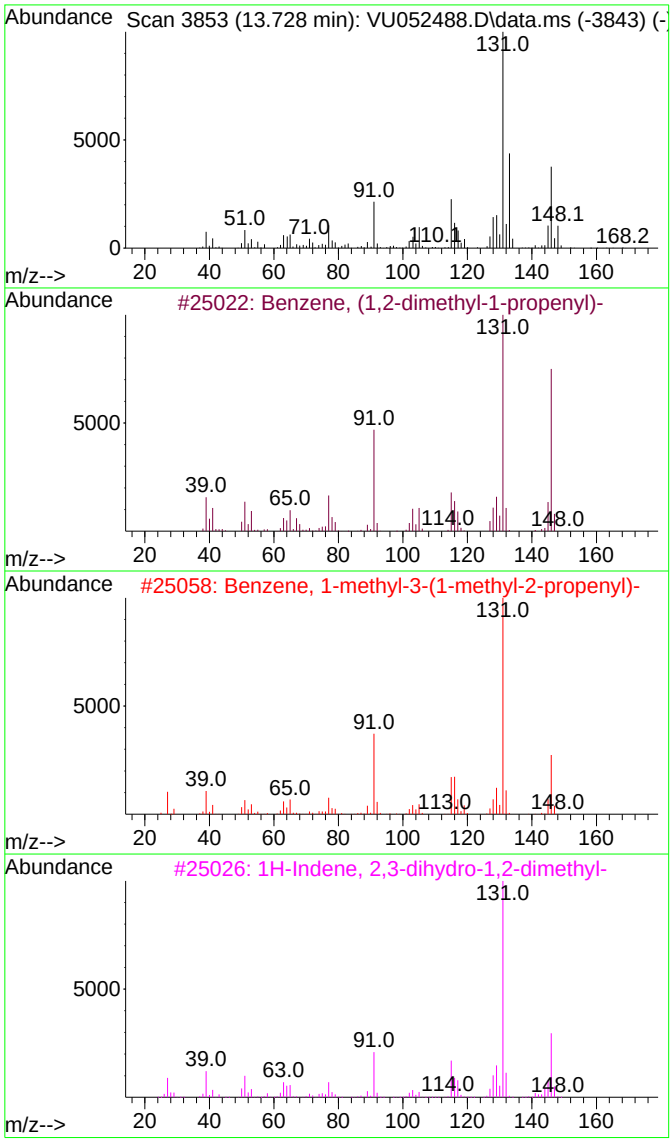
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

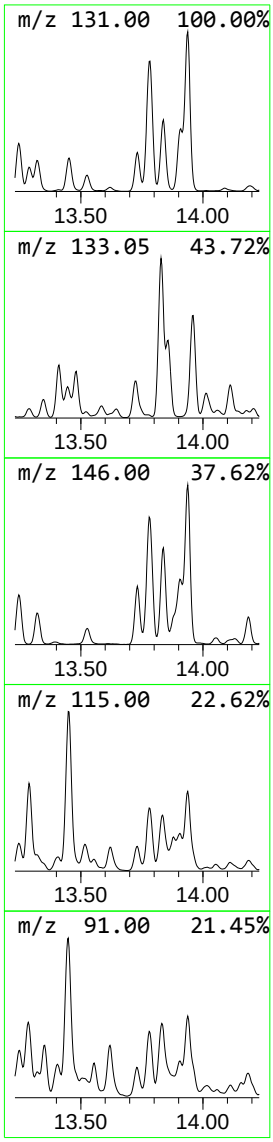
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.729	4.58 ug/L	1387780	1,4-Dichlorobenzene-d4	11.809

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-3-(1-methyl-2-...	146	C11H14	052161-57-6	86
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

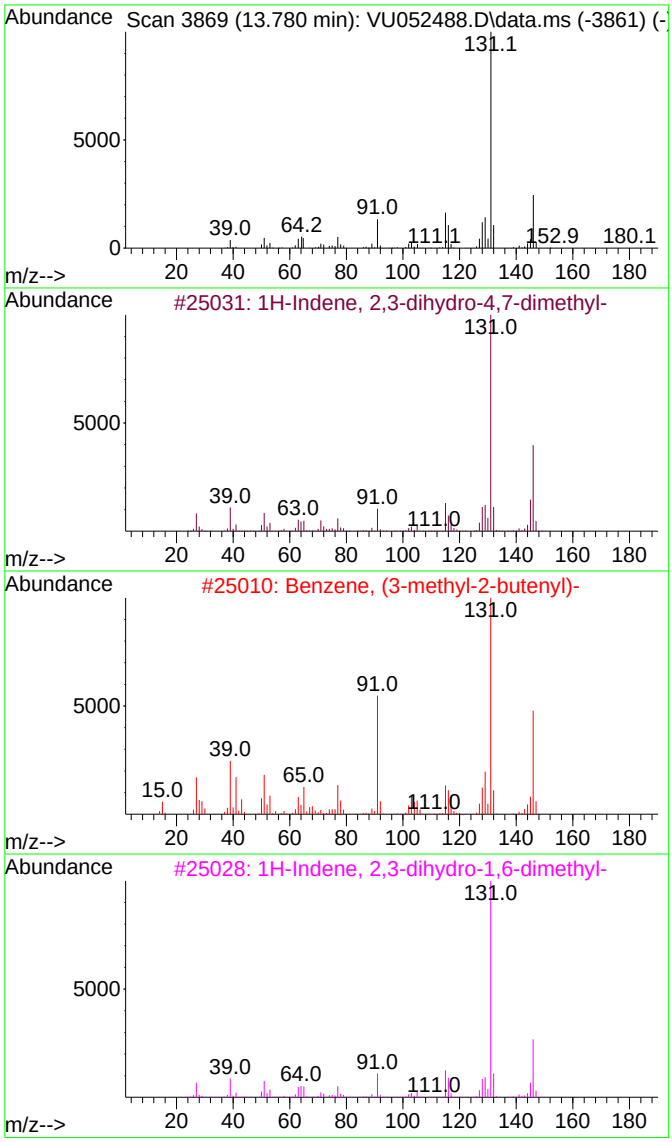
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

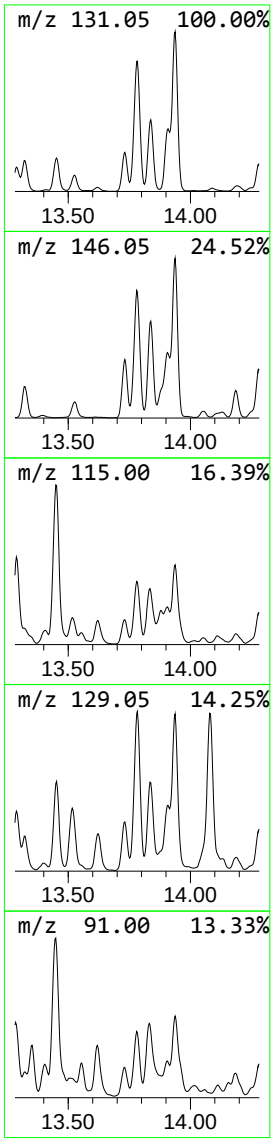
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	9.56 ug/L	2898250	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

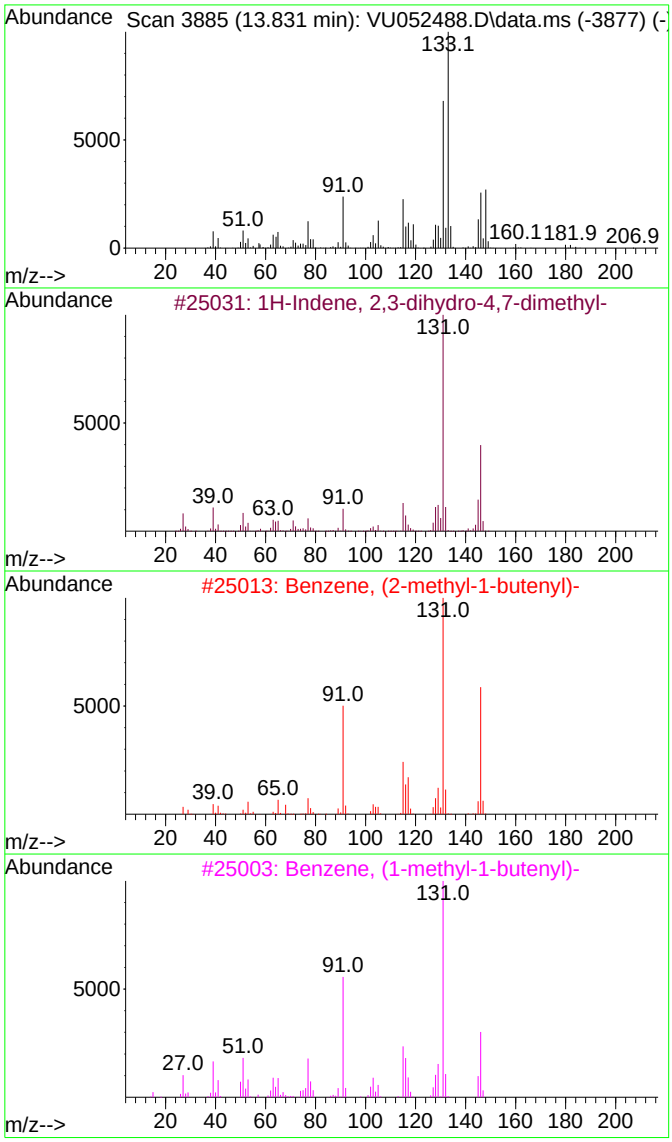
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

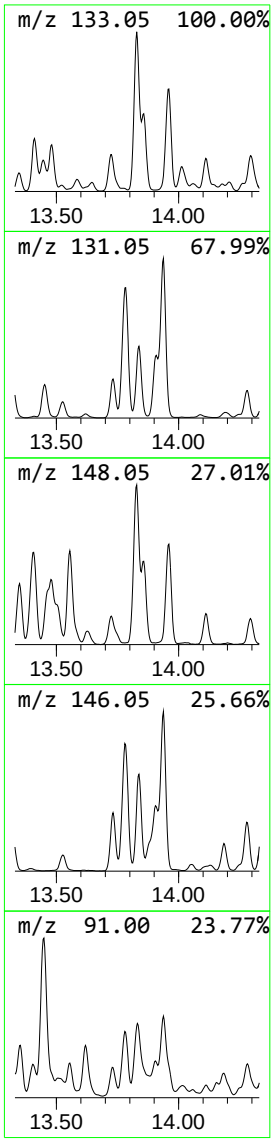
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Benzene, (2-methyl-1-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.831	15.13 ug/L	4587580	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	80
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	52
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

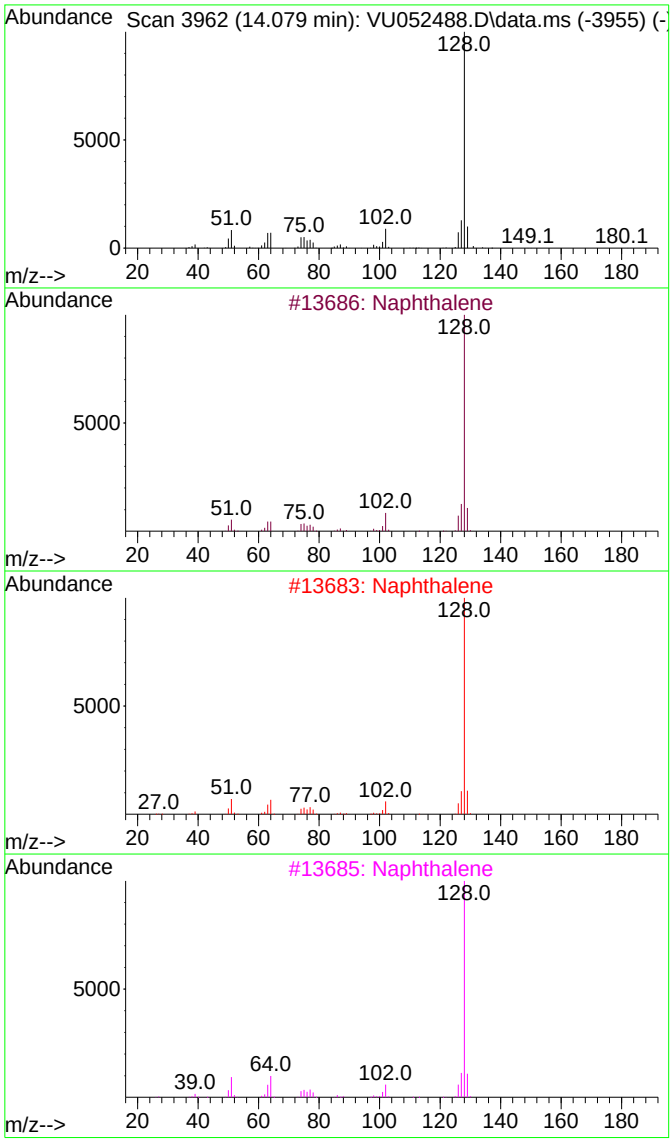
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

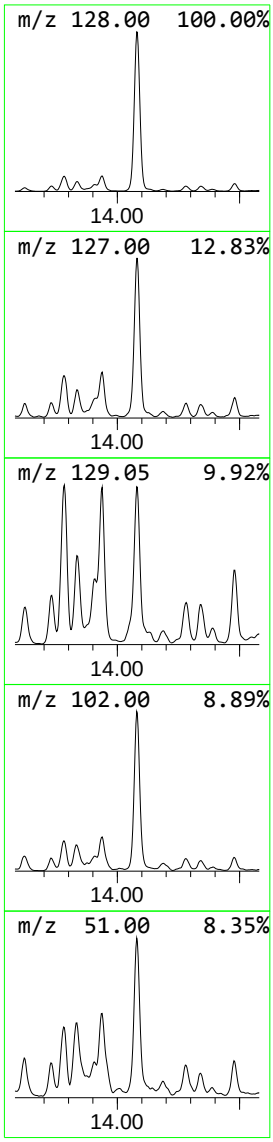
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 Azulene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.079	9.92 ug/L	3006070	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

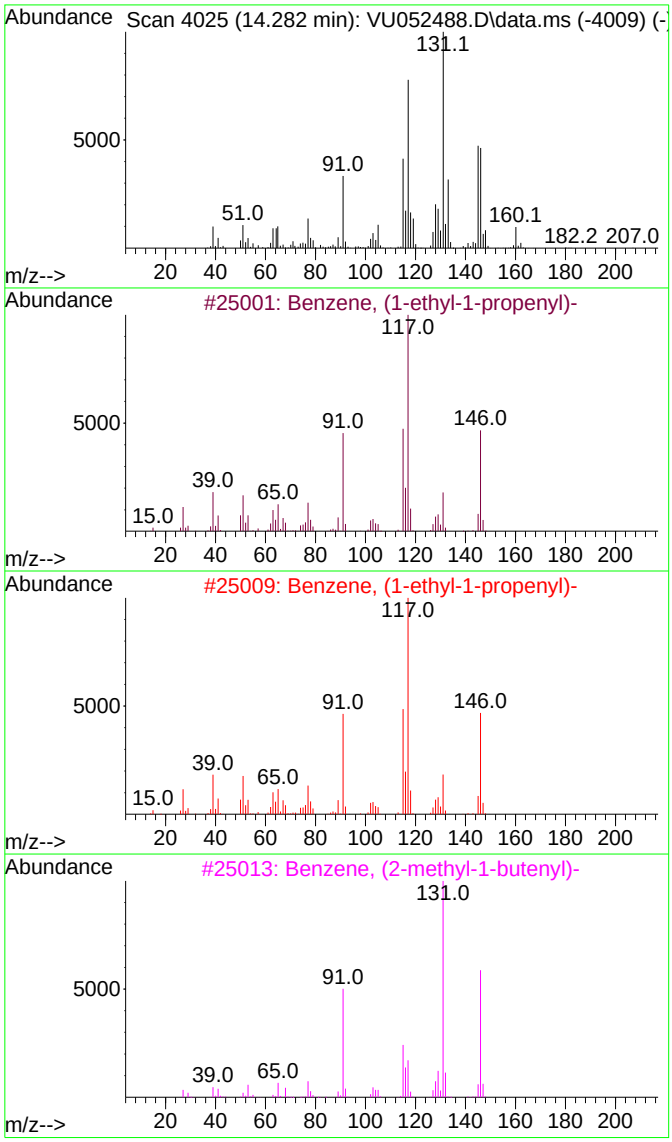
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

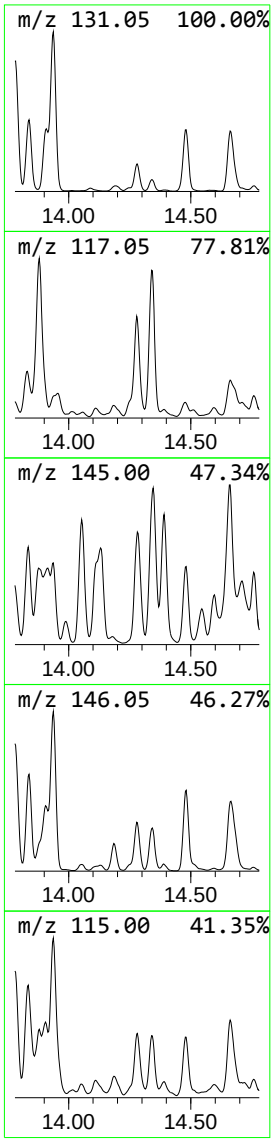
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.281	6.21 ug/L	1882880	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	89
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	86
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

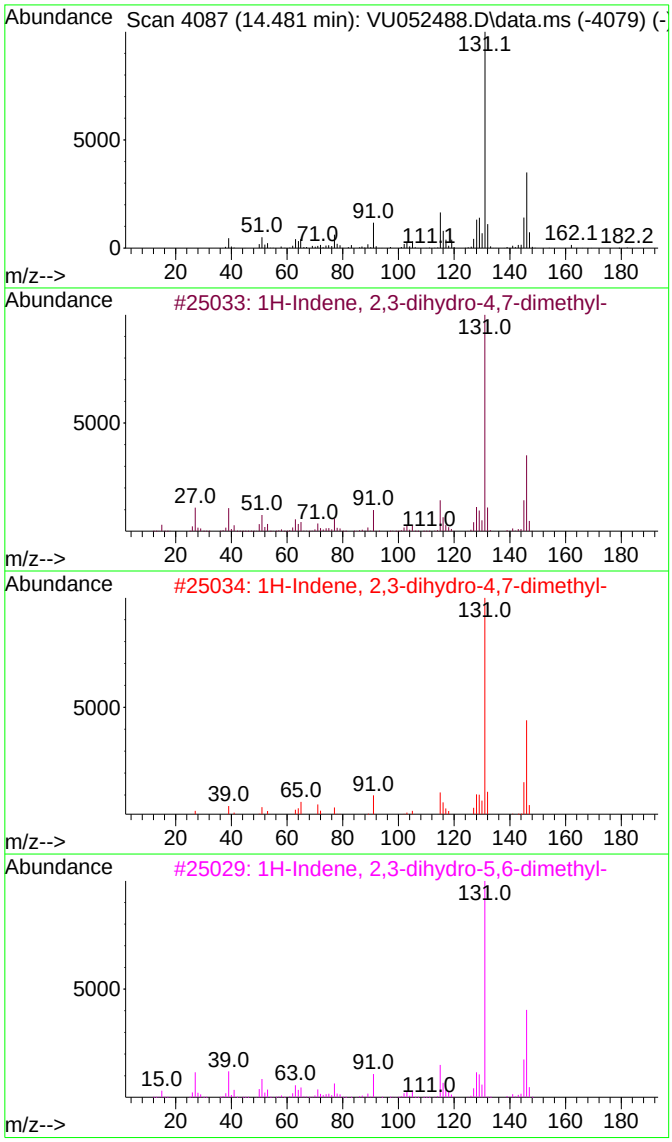
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

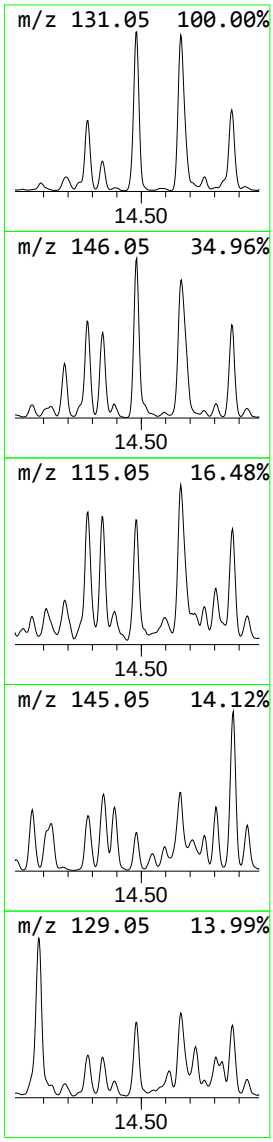
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	4.93 ug/L	1493710	1,4-Dichlorobenzene-d4	11.809

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	96
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

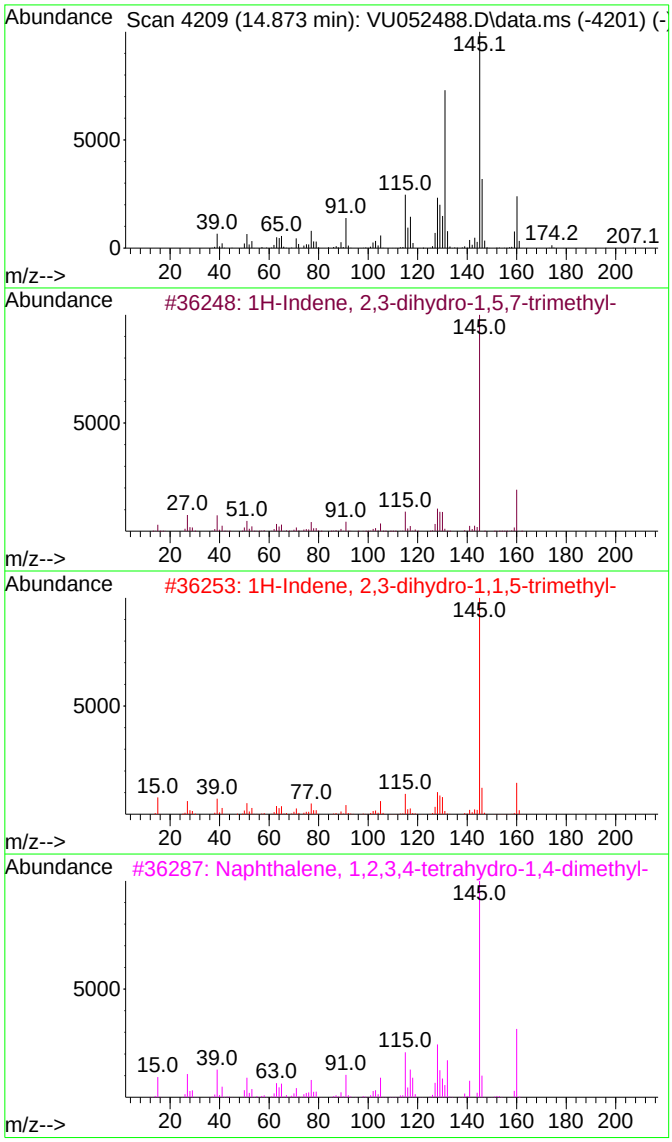
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

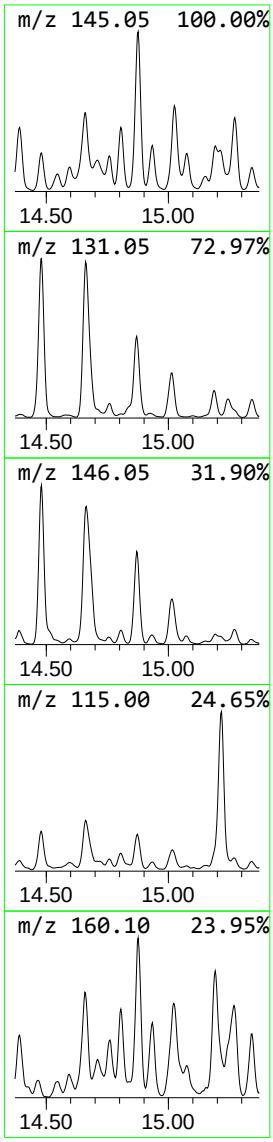
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.873	4.60 ug/L	1393490	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	70
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	62
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

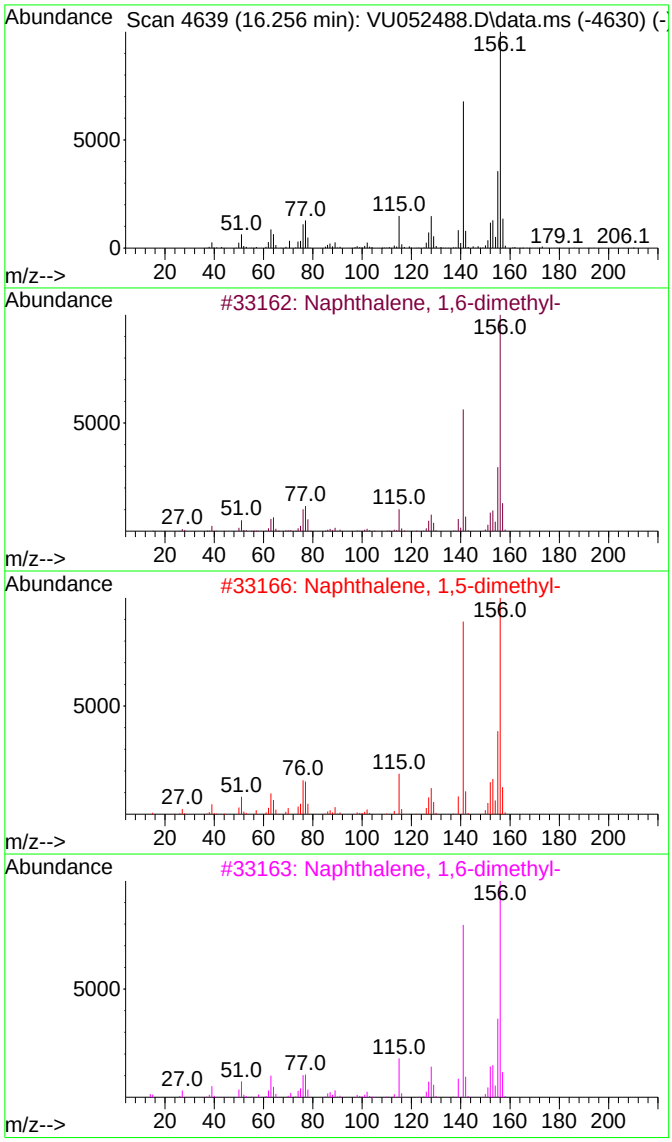
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

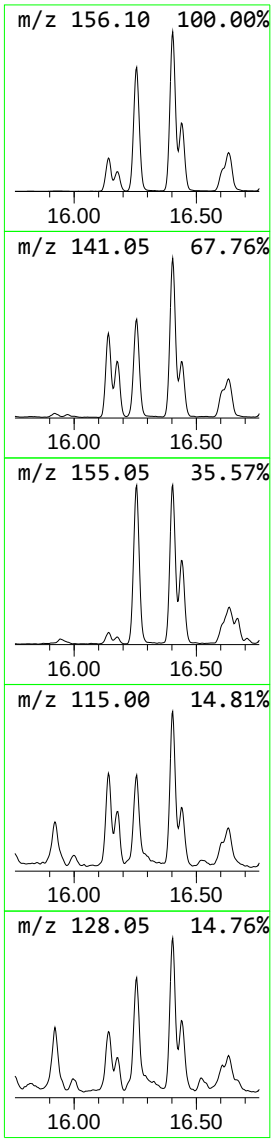
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 78 Naphthalene, 1,6-dimethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.256	5.21 ug/L	1578350	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

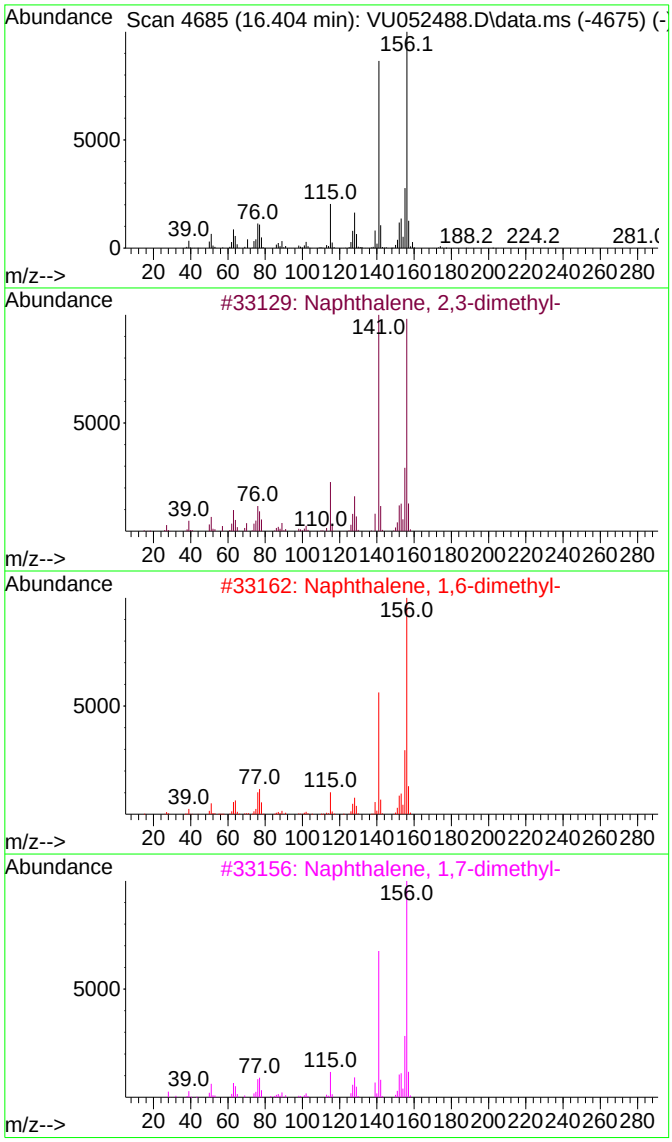
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

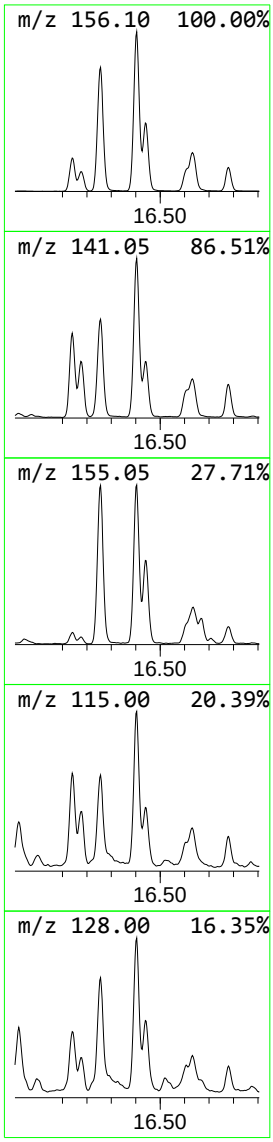
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 79 Naphthalene, 2,3-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	6.59 ug/L	1997760	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052488.D
Acq On : 22 Dec 2022 13:55
Operator : JC/MD
Sample : N6170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB7

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...	1.996	20.9	ug/L	6487720	1	6.246	1555610	5.0
(DEL) Alkane: S...	2.205	25.1	ug/L	7794330	1	6.246	1555610	5.0
(DEL) Alkane: S...	3.083	48.4	ug/L	15070200	1	6.246	1555610	5.0
(DEL) Alkane: S...	3.700	51.4	ug/L	15976100	1	6.246	1555610	5.0
(DEL) Alkane: S...	3.915	2.9	ug/L	899759	1	6.246	1555610	5.0
(DEL) Alkane: S...	4.433	3.4	ug/L	1062960	1	6.246	1555610	5.0
(DEL) Alkane: C...	4.533	68.0	ug/L	21153700	1	6.246	1555610	5.0
(DEL) Alkane: S...	5.459	13.9	ug/L	4319630	1	6.246	1555610	5.0
(DEL) Alkane: S...	5.591	31.6	ug/L	9821750	1	6.246	1555610	5.0
(DEL) Alkane: C...	5.848	32.4	ug/L	10092800	1	6.246	1555610	5.0
(DEL) Alkane: C...	5.918	27.6	ug/L	8584190	1	6.246	1555610	5.0
(DEL) Alkane: C...	5.989	44.8	ug/L	13923300	1	6.246	1555610	5.0
(DEL) Alkane: S...	6.134	39.6	ug/L	12312600	1	6.246	1555610	5.0
(DEL) Alkane: S...	6.864	3.7	ug/L	1143440	1	6.246	1555610	5.0
(DEL) Alkane: C...	6.980	16.7	ug/L	5183590	1	6.246	1555610	5.0
(DEL) Alkane: C...	7.070	12.4	ug/L	3865660	1	6.246	1555610	5.0
(DEL) Alkane: C...	7.234	17.2	ug/L	5339620	1	6.246	1555610	5.0
Cyclopentene, 1...	7.394	4.6	ug/L	1437680	1	6.246	1555610	5.0
(DEL) Alkane: S...	7.497	7.8	ug/L	2439390	1	6.246	1555610	5.0
(DEL) Alkane: C...	7.584	2.8	ug/L	871277	1	6.246	1555610	5.0
(DEL) Alkane: S...	7.655	5.5	ug/L	1715480	1	6.246	1555610	5.0
Cyclohexene, 1-...	7.761	7.9	ug/L	2456010	1	6.246	1555610	5.0
(DEL) Alkane: C...	8.028	7.5	ug/L	3579540	2	9.414	2377670	5.0
(DEL) Alkane: C...	8.240	15.5	ug/L	7385770	2	9.414	2377670	5.0
(DEL) Alkane: C...	8.365	8.6	ug/L	4066930	2	9.414	2377670	5.0
(DEL) Alkane: S...	8.803	6.0	ug/L	2842910	2	9.414	2377670	5.0
(DEL) Alkane: C...	8.864	11.9	ug/L	5666200	2	9.414	2377670	5.0
(DEL) Alkane: C...	8.922	7.3	ug/L	3447820	2	9.414	2377670	5.0
(DEL) Alkane: C...	9.163	3.4	ug/L	1624230	2	9.414	2377670	5.0
(DEL) Alkane: S...	9.208	2.8	ug/L	1347840	2	9.414	2377670	5.0
(DEL) Alkane: S...	9.330	5.0	ug/L	2377670	2	9.414	2377670	5.0
Pentalene, octa...	9.507	5.1	ug/L	2436910	2	9.414	2377670	5.0
(DEL) Alkane: S...	9.742	7.8	ug/L	3727840	2	9.414	2377670	5.0
(DEL) Alkane: C...	10.028	4.9	ug/L	2336320	2	9.414	2377670	5.0
1H-Indene, octa...	10.269	8.4	ug/L	3982610	2	9.414	2377670	5.0
(DEL) Alkane: C...	10.806	2.7	ug/L	831872	3	11.809	1515900	5.0
Benzene, propyl-	10.902	11.1	ug/L	3373460	3	11.809	1515900	5.0
Benzene, 1-ethy...	10.992	38.1	ug/L	11549800	3	11.809	1515900	5.0
Benzene, 1,2,3-...	11.889	21.6	ug/L	6546850	3	11.809	1515900	5.0
Benzene, 1,2-di...	12.092	13.6	ug/L	4136460	3	11.809	1515900	5.0
Benzene, 1-meth...	12.121	8.0	ug/L	2424630	3	11.809	1515900	5.0
(DEL) Alkane: S...	12.323	6.9	ug/L	2083740	3	11.809	1515900	5.0
Benzene, 1-meth...	12.372	6.4	ug/L	1944370	3	11.809	1515900	5.0
Benzene, 2-ethy...	12.462	9.3	ug/L	2803660	3	11.809	1515900	5.0
Benzene, 1-meth...	12.491	6.2	ug/L	1887900	3	11.809	1515900	5.0
Benzene, 4-ethy...	12.568	18.3	ug/L	5551070	3	11.809	1515900	5.0
Benzene, (2-met...	12.677	22.0	ug/L	6674040	3	11.809	1515900	5.0
Benzene, 2-ethy...	12.870	4.5	ug/L	1376190	3	11.809	1515900	5.0
Benzene, 1,2,3,...	12.970	16.1	ug/L	4874810	3	11.809	1515900	5.0
Benzene, 1,2,4,...	13.021	16.4	ug/L	4965930	3	11.809	1515900	5.0
Benzene, 1-meth...	13.105	8.5	ug/L	2578430	3	11.809	1515900	5.0
Benzene, 1-ethe...	13.288	7.9	ug/L	2401720	3	11.809	1515900	5.0

1-Phenyl-1-butene	13.449	34.5	ug/L	10468500	3	11.809	1515900	5.0
Naphthalene, 1,...	13.619	5.8	ug/L	1773520	3	11.809	1515900	5.0
Benzene, (1,2-d...	13.729	4.6	ug/L	1387780	3	11.809	1515900	5.0
1H-Indene, 2,3-...	13.780	9.6	ug/L	2898250	3	11.809	1515900	5.0
Benzene, (2-met...	13.831	15.1	ug/L	4587580	3	11.809	1515900	5.0
Azulene	14.079	9.9	ug/L	3006070	3	11.809	1515900	5.0
Benzene, (1-eth...	14.281	6.2	ug/L	1882880	3	11.809	1515900	5.0
1H-Indene, 2,3-...	14.481	4.9	ug/L	1493710	3	11.809	1515900	5.0
1H-Indene, 2,3-...	14.873	4.6	ug/L	1393490	3	11.809	1515900	5.0
Naphthalene, 1,...	16.256	5.2	ug/L	1578350	3	11.809	1515900	5.0
Naphthalene, 2,...	16.404	6.6	ug/L	1997760	3	11.809	1515900	5.0

Instrument :
MSVOA_U
ClientSampleId :
GBQB7