LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	84	95	106	rBV2	503966	555063	2.68%	0.303%
2	1.988	206	217	239	rVB	3083751	4185898	20.24%	2.287%
3	2.197	271	282	304	rVB	1653218	2324263	11.24%	1.270%
4	2.309	307	317	329	rBV	236428	337275	1.63%	0.184%
5	2.460	355	364	382	rVB	408186	650878	3.15%	0.356%
6	2.962	503	520	523	rBV3	120938	234354	1.13%	0.128%
7	3.010	524	535	546	rVV3	691565	1844276	8.92%	1.008%
8	3.074	547	555	562	rVV	845833	1687914	8.16%	0.922%
9	3.129	563	572	594	rVB2	1351419	3063175	14.81%	1.673%
10	3.351	622	641	666	rBV	721534	1593638	7.71%	0.871%
11	3.689	728	746	774	rBV	403753	895402	4.33%	0.489%
12	3.968	820	833	852	rVB2	134410	329080	1.59%	0.180%
13	4.158	879	892	907	rVV	293198	745406	3.60%	0.407%
14	4.242	907	918	934	rVV	158106	388103	1.88%	0.212%
15	4.521	987	1005	1023	rBV	2853965	6862920	33.19%	3.749%
16	5.380	1252	1272	1287	rBV	3773057	8607153	41.62%	4.702%
17	5.586	1321	1336	1342	rBV2	161536	344724	1.67%	0.188%
18	5.631	1343	1350	1362	rVV	207521	435416	2.11%	0.238%
19	5.766	1362	1392	1407	rVV	10147426	20680575	100.00%	11.298%
20	5.843	1407	1416	1420	rVV	451460	872226	4.22%	0.477%
21	5.885	1421	1429	1448	rVV3	1396465	3578492	17.30%	1.955%
22	5.981	1448	1459	1484	rVB2	500077	1118839	5.41%	0.611%
23	6.242	1528	1540	1547	rBV	199861	372310	1.80%	0.203%
24	6.756	1683	1700	1722	rVB	2947695	6264549	30.29%	3.422%
25	6.975	1756	1768	1781	rVB	230017	419697	2.03%	0.229%
26	7.155	1808	1824	1826	rBV2	428653	659032	3.19%	0.360%
27	7.389	1881	1897	1910	rBV	815988	1552683	7.51%	0.848%
28	7.569	1938	1953	1969	rBV6	91622	226196	1.09%	0.124%
29	7.753	2000	2010	2025	rVB	310032	578332	2.80%	0.316%
30	7.849	2027	2040	2046	rBV	241010	447115	2.16%	0.244%
31	7.891	2046	2053	2063	rVB2	291962	487859	2.36%	0.267%
32	7.962	2064	2075	2087	rVB	1143927	1896570	9.17%	1.036%
33	8.032	2087	2097	2109	rBV2	111378	258873	1.25%	0.141%
34	8.151	2127	2134	2149	rVB2	111470	238549	1.15%	0.130%
35	8.235	2150	2160	2172	rVV2	193991	376873	1.82%	0.206%
36	8.306	2173	2182	2191	rVV	187518	350243	1.69%	0.191%

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Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
C0BM2

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

37	8.360	2192	2199	2205	rVV2	144393	251497	1.22%	0.137%
38	8.405	2205	2213	2247	rVB	305371	626025	3.03%	0.342%
39	8.627	2273	2282	2295	rBV	249834	475223	2.30%	0.260%
40	8.862	2345	2355	2368	rBV4	139382	378424	1.83%	0.207%
41	9.325	2488	2499	2516	rBV8	108282	225726	1.09%	0.123%
42	9.412	2516	2526	2542	rBV	288272	557669	2.70%	0.305%
43	9.563	2562	2573	2594	rVB	4052045	6369897	30.80%	3.480%
44	9.688	2597	2612	2628	rBV	8504351	13637918	65.95%	7.450%
45	10.093	2729	2738	2765	rVB	624054	1107016	5.35%	0.605%
46	10.267	2769	2792	2804	rBV7	109309	302099	1.46%	0.165%
47	10.476	2846	2857	2868	rBV	965093	1486772	7.19%	0.812%
48	10.897	2977	2988	3001	rBV	1732643	2641205	12.77%	1.443%
49	11.016	3009	3025	3035	rVV	1144687	2085066	10.08%	1.139%
50	11.081	3035	3045	3063	rVB	1251443	1945505	9.41%	1.063%
51	11.286	3097	3109	3130	rBV	1017675	1728034	8.36%	0.944%
52	11.412	3132	3148	3154	rBV2	130499	248447	1.20%	0.136%
53	11.460	3154	3163	3174	rVV	1756361	2566259	12.41%	1.402%
54	11.605	3197	3208	3212	rBV2	228456	360300	1.74%	0.197%
55	11.637	3213	3218	3233	rVB	291864	441501	2.13%	0.241%
56	11.804	3257	3270	3284	rVB3	381858	812155	3.93%	0.444%
57	11.888	3285	3296	3307	rBV	1065264	1638773	7.92%	0.895%
58	12.000	3323	3331	3346	rVB	246186	396688	1.92%	0.217%
59	12.087	3346	3358	3376	rBV2	4782002	7622580	36.86%	4.164%
60	12.183	3377	3388	3411	rVB4	1032534	2143604	10.37%	1.171%
61	12.296	3413	3423	3436	rBV2	356459	592289	2.86%	0.324%
62	12.370	3437	3446	3462	rVB	303888	488335	2.36%	0.267%
63	12.460	3464	3474	3480	rBV	238567	383746	1.86%	0.210%
64	12.563	3490	3506	3514	rBV	2478556	3739800	18.08%	2.043%
65	12.605	3514	3519	3531	rVV2	656821	1069318	5.17%	0.584%
66	12.675	3531	3541	3560	rVV2	2310590	4703315	22.74%	2.569%
67	12.810	3575	3583	3591	rVV3	173157	444816	2.15%	0.243%
68	12.859	3592	3598	3610	rVB2	487137	793945	3.84%	0.434%
69	12.965	3613	3631	3641	rBV	1787641	3021417	14.61%	1.651%
70	13.023	3641	3649	3664	rVB2	422727	795725	3.85%	0.435%
71	13.103	3665	3674	3688	rBV4	394834	795333	3.85%	0.434%
72	13.193	3695	3702	3711	rBV	273020	376812	1.82%	0.206%
73	13.248	3712	3719	3724	rVV3	308034	472545	2.28%	0.258%
74	13.286	3724	3731	3755	rVB	1316179	2189737	10.59%	1.196%
75	13.444	3770	3780	3795	rVB3	4950008	8309406	40.18%	4.539%
76	13.518	3796	3803	3809	rBV4	207049	272439	1.32%	0.149%

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Sample : P3136-15
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
C0BM2

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
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Title : TRACE VOA SFAM1.0

77	13.621	3828	3835	3859	rVB6	555094	1195153	5.78%	0.653%
78	13.730	3860	3869	3875	rBV3	294212	503267	2.43%	0.275%
79	13.778	3876	3884	3891	rBV	571119	843769	4.08%	0.461%
80	13.830	3892	3900	3911	rBV5	820686	1407988	6.81%	0.769%
81	13.904	3917	3923	3927	rBV2	359908	542257	2.62%	0.296%
82	13.936	3928	3933	3948	rVB2	852445	1811874	8.76%	0.990%
83	14.055	3961	3970	3973	rBV3	324608	493631	2.39%	0.270%
84	14.109	3983	3987	3999	rVB	489884	738829	3.57%	0.404%
85	14.183	4001	4010	4024	rVB4	420236	717037	3.47%	0.392%
86	14.283	4025	4041	4051	rBV3	632202	1326813	6.42%	0.725%
87	14.341	4052	4059	4068	rBV5	295575	467326	2.26%	0.255%
88	14.476	4091	4101	4108	rBV2	427237	754117	3.65%	0.412%
89	14.666	4148	4160	4174	rBV6	819022	2087624	10.09%	1.140%
90	14.804	4195	4203	4213	rBV	389726	609466	2.95%	0.333%
91	14.868	4215	4223	4234	rVB3	521300	895811	4.33%	0.489%
92	14.932	4236	4243	4257	rVB2	223611	386588	1.87%	0.211%
93	15.013	4258	4268	4282	rBV4	649960	1339832	6.48%	0.732%
94	15.215	4318	4331	4341	rVV	3081017	4992676	24.14%	2.728%
95	15.402	4378	4389	4401	rBV	2877998	4738499	22.91%	2.589%
96	15.920	4540	4550	4560	rBV5	222009	392006	1.90%	0.214%
97	16.141	4611	4619	4625	rBV2	220870	336101	1.63%	0.184%
98	16.254	4645	4654	4664	rBV	504736	791365	3.83%	0.432%
99	16.402	4690	4700	4706	rBV	620976	972501	4.70%	0.531%
100	16.440	4706	4712	4726	rVB	460642	742019	3.59%	0.405%

Sum of corrected areas: 183047861

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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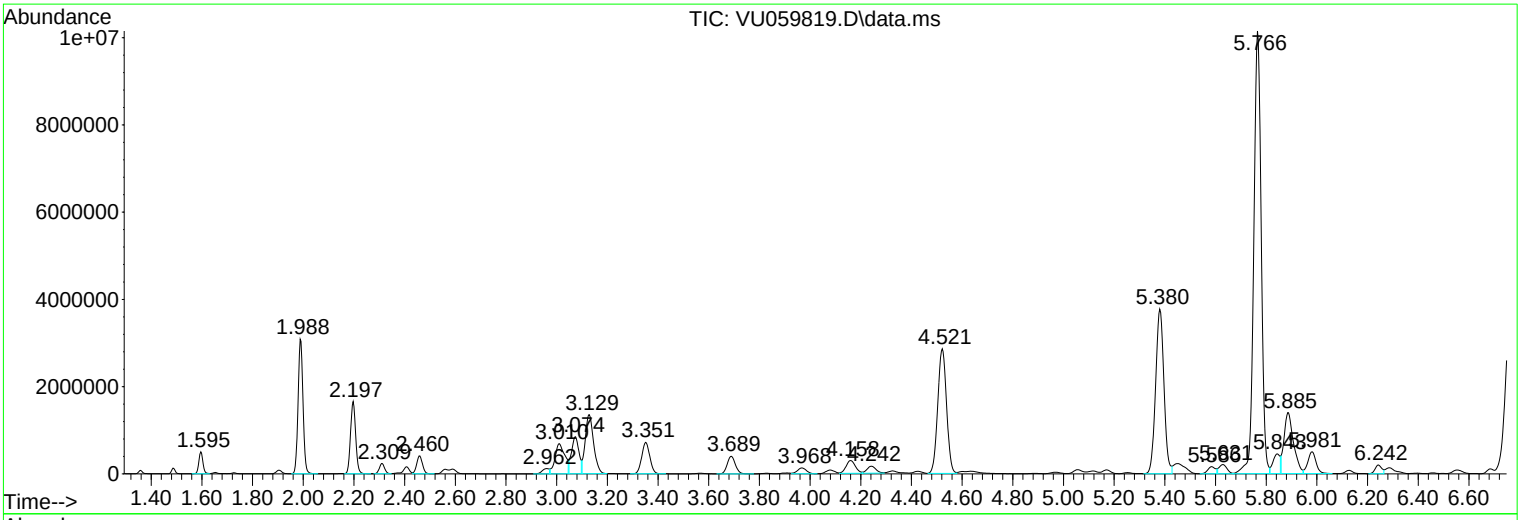
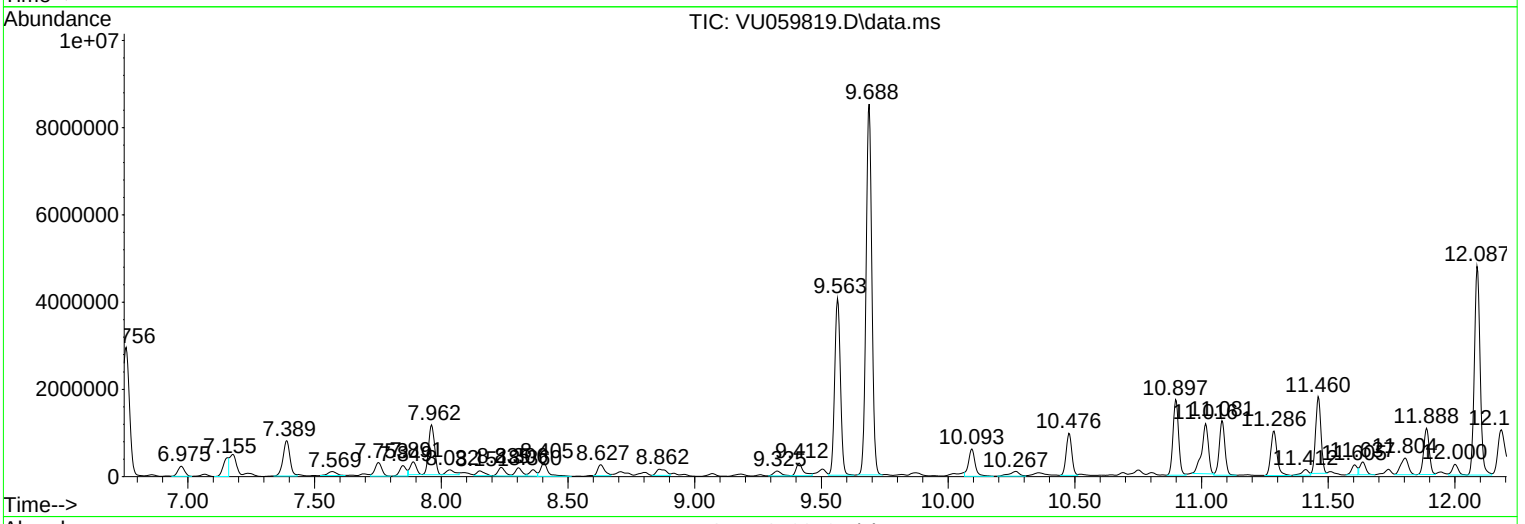
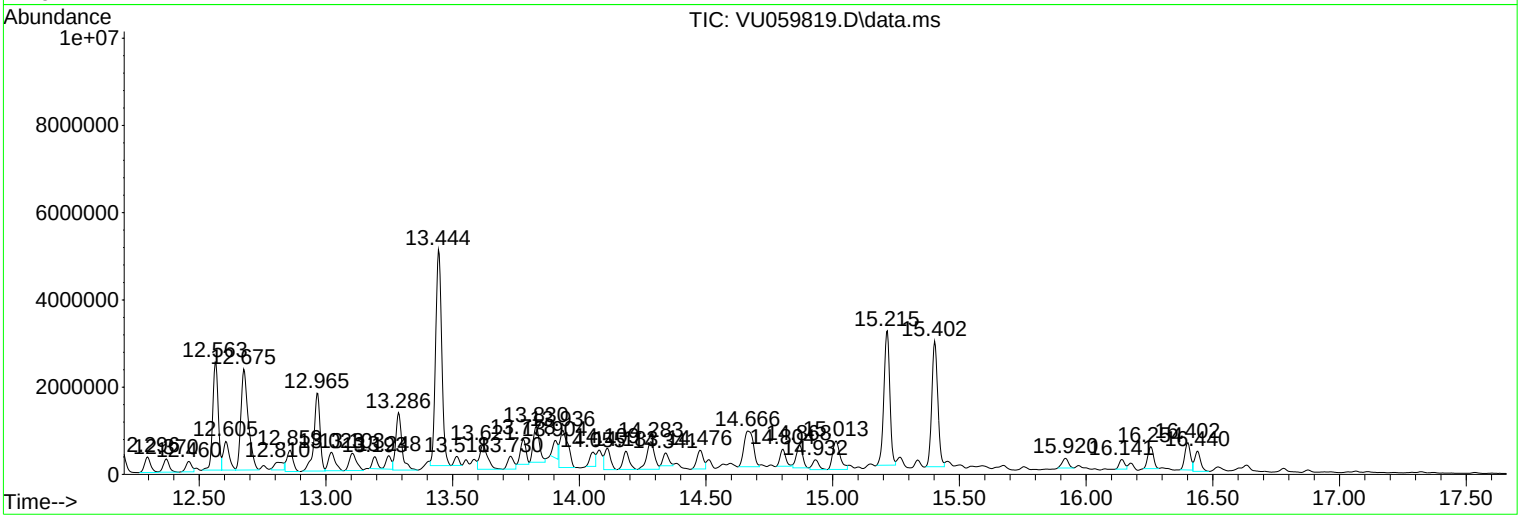
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Instrument :
MSVOA_U
ClientSampleId :
C0BM2

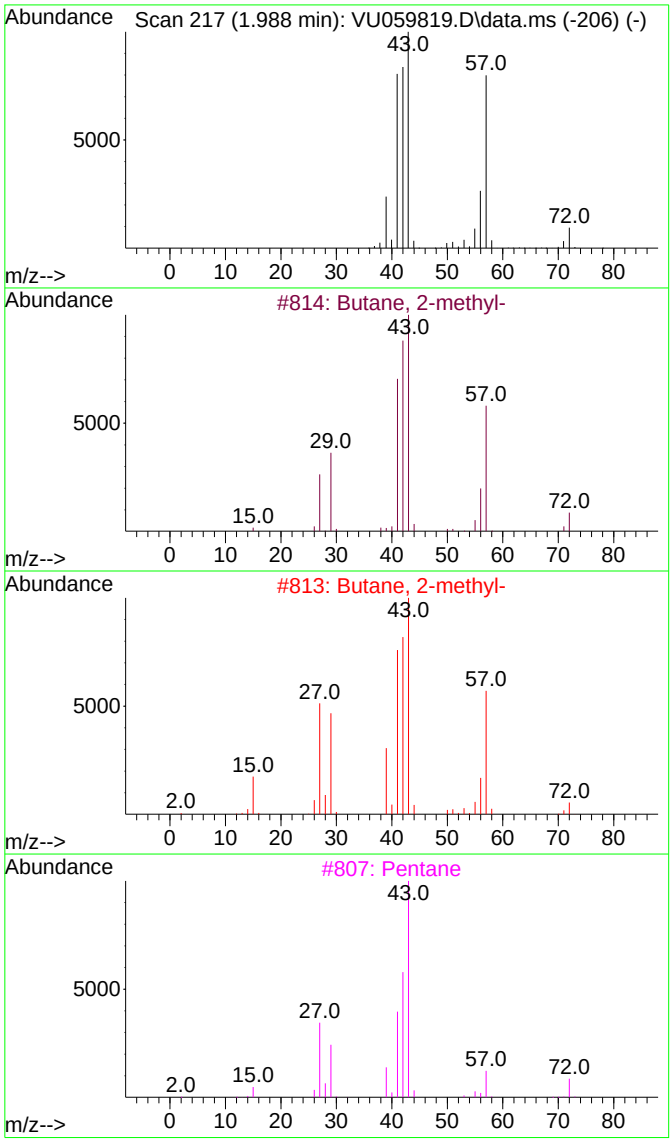
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

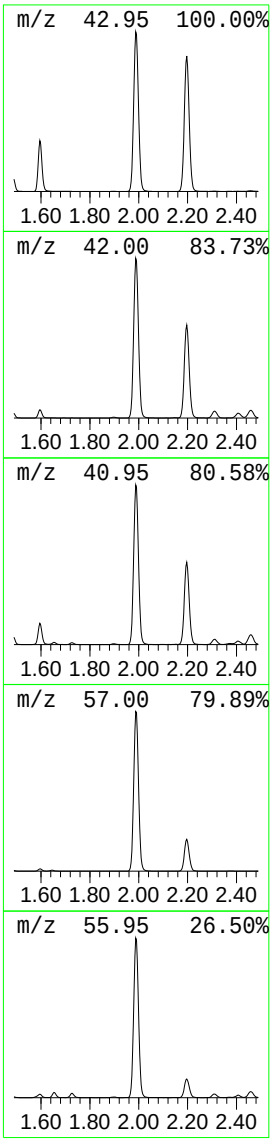
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.988	56.22 ug/L	4185900	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Pentane	72	C5H12	000109-66-0	42
4	Pentane	72	C5H12	000109-66-0	32
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





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Data File : VU059819.D
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Operator : MD/SY
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

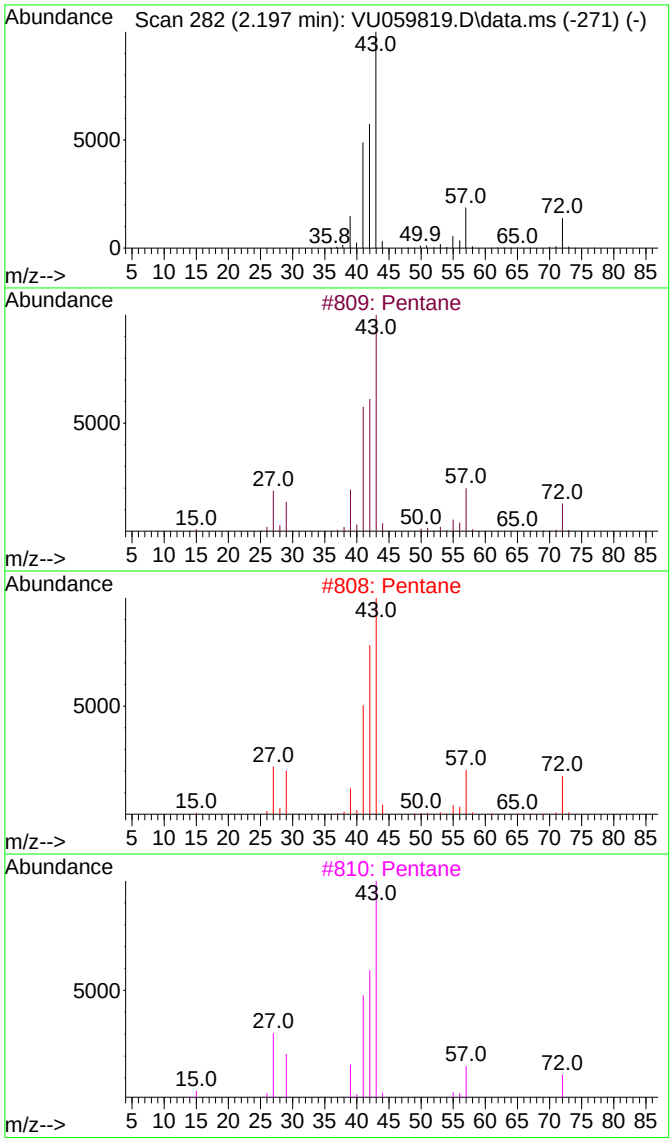
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

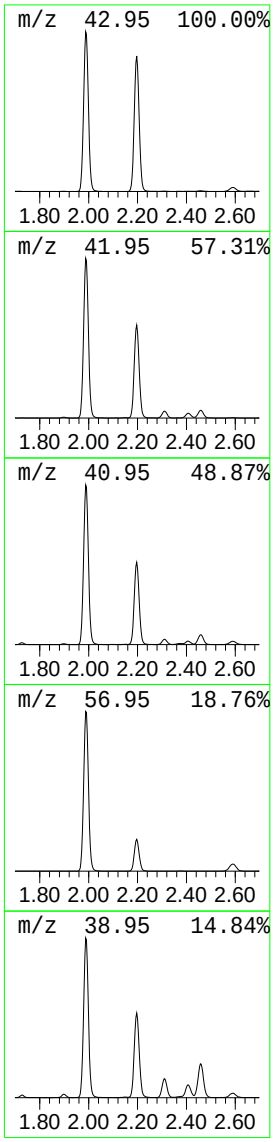
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.197	31.21 ug/L	2324260	1,4-Difluorobenzene	6.242

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

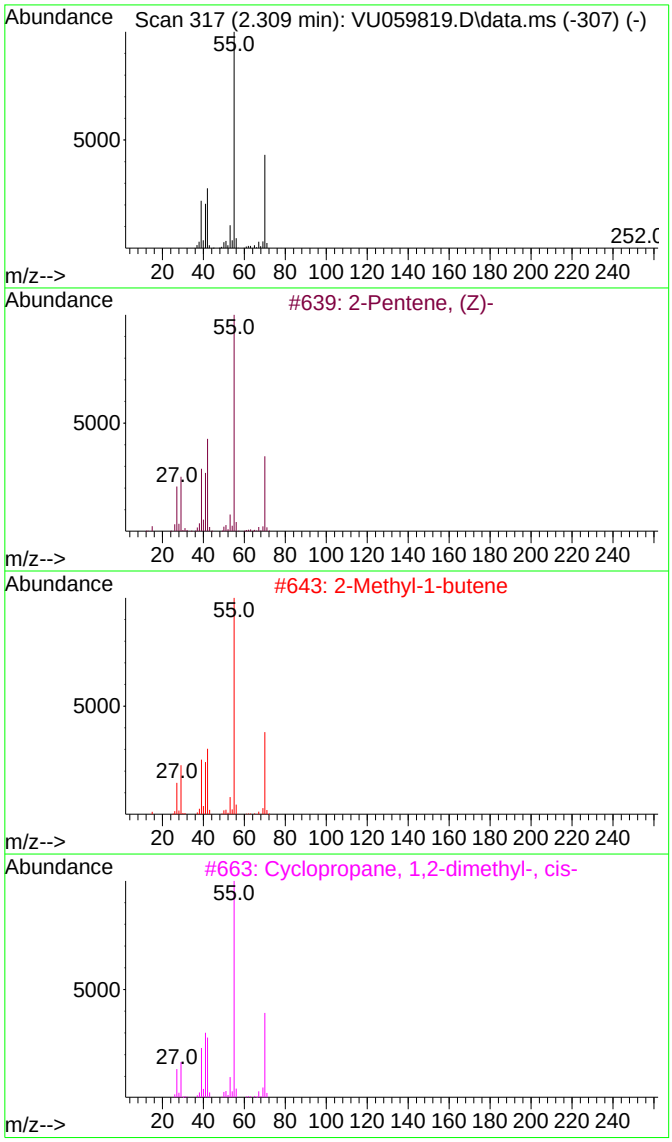
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

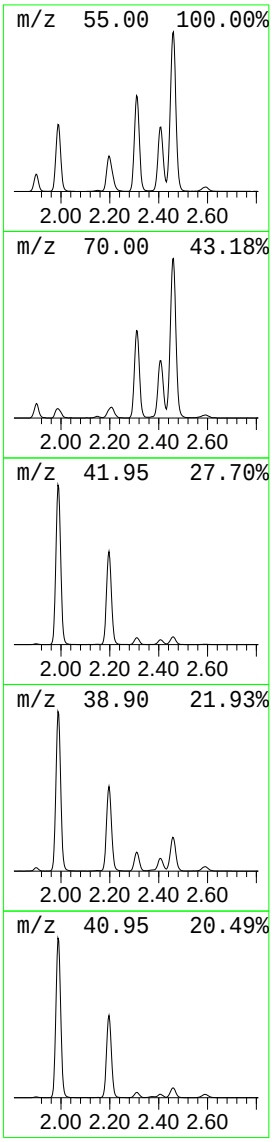
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.309	4.53 ug/L	337275	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	2-Methyl-1-butene	70	C5H10	000563-46-2	91
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

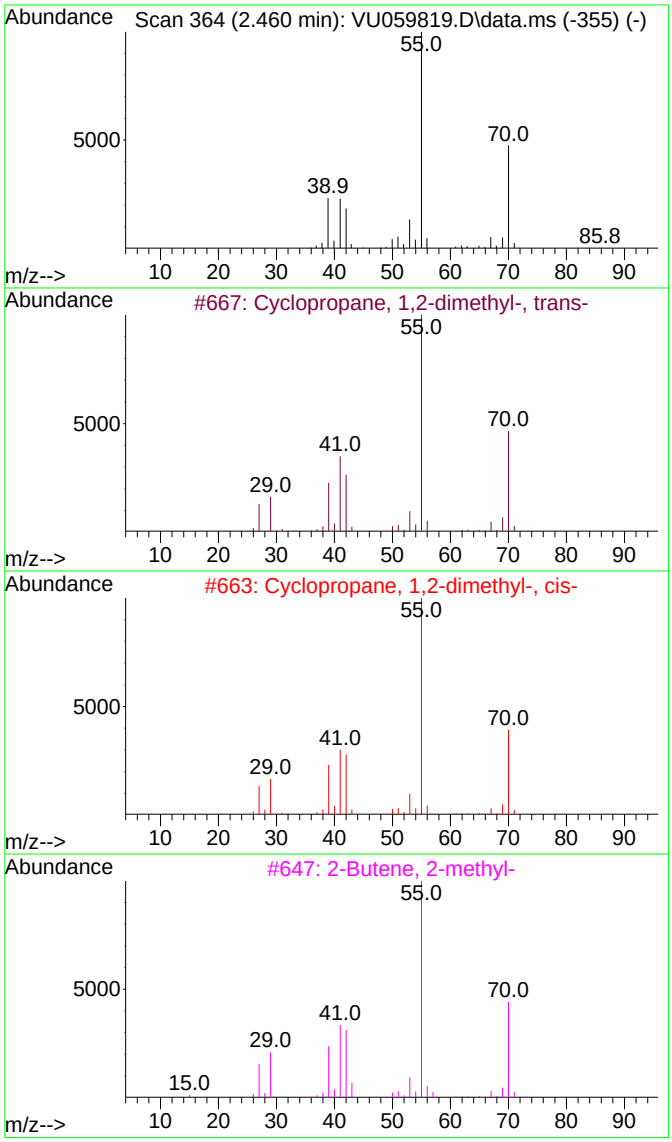
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

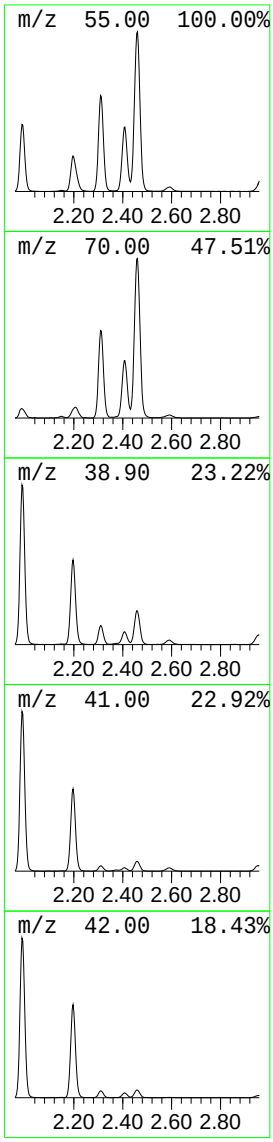
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic2.460 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.460	8.74 ug/L	650878	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	86
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

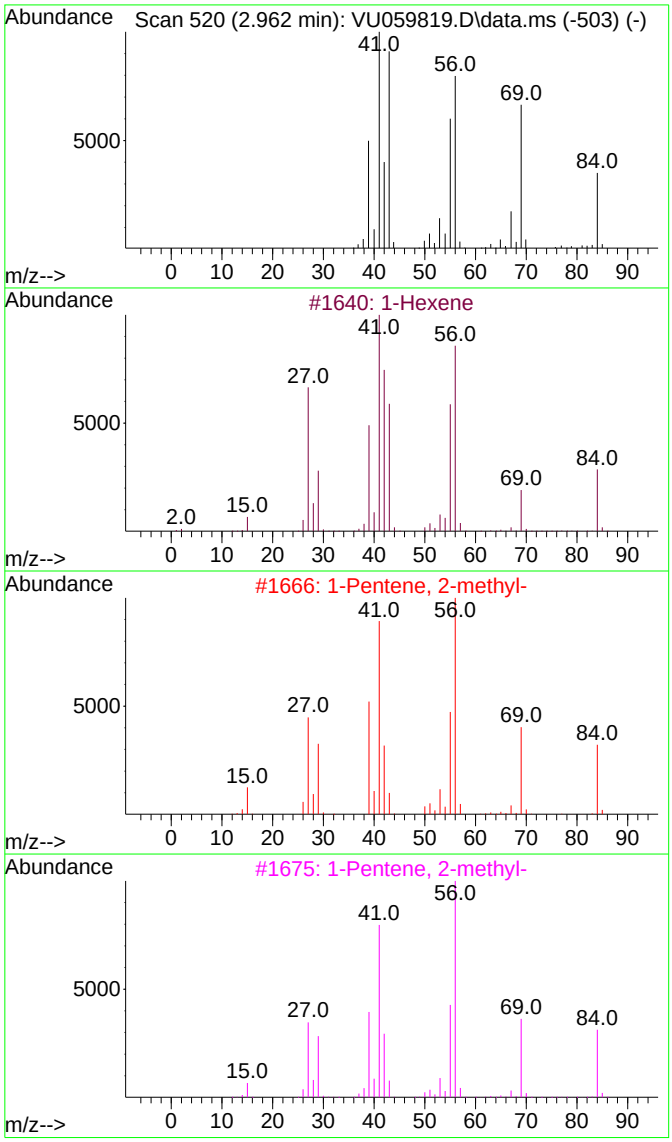
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

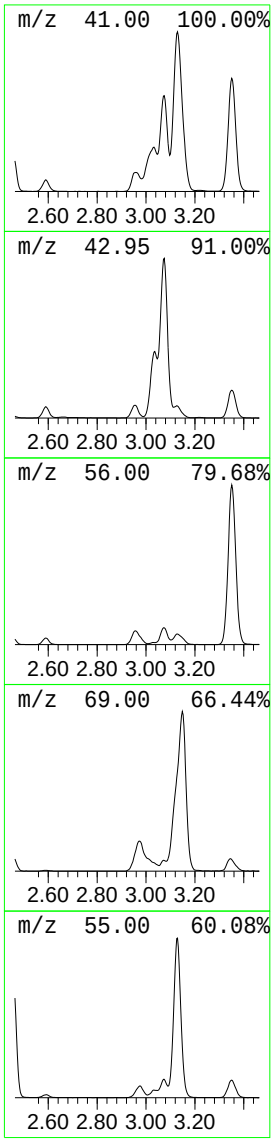
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.962	3.15 ug/L	234354	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	76
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49
4	1-Hexene	84	C6H12	000592-41-6	46
5	2-Butene, (Z)-	56	C4H8	000590-18-1	43





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Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

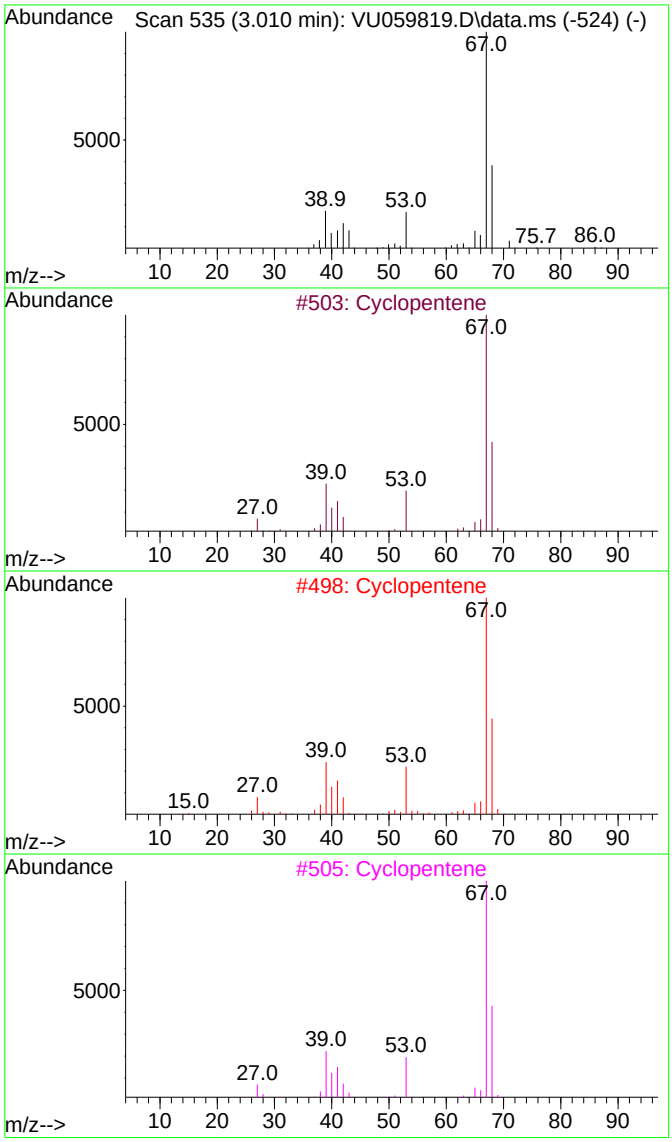
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

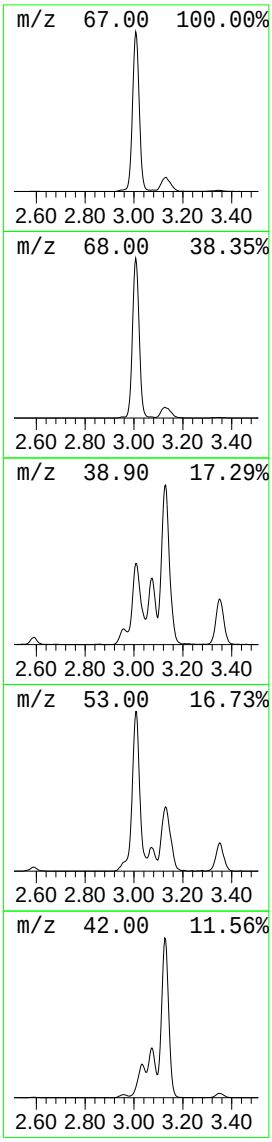
****

Peak Number 6 Cyclopentene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.010	24.77 ug/L	1844280	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	90
4	Cyclopentene	68	C5H8	000142-29-0	78
5	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	64





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Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

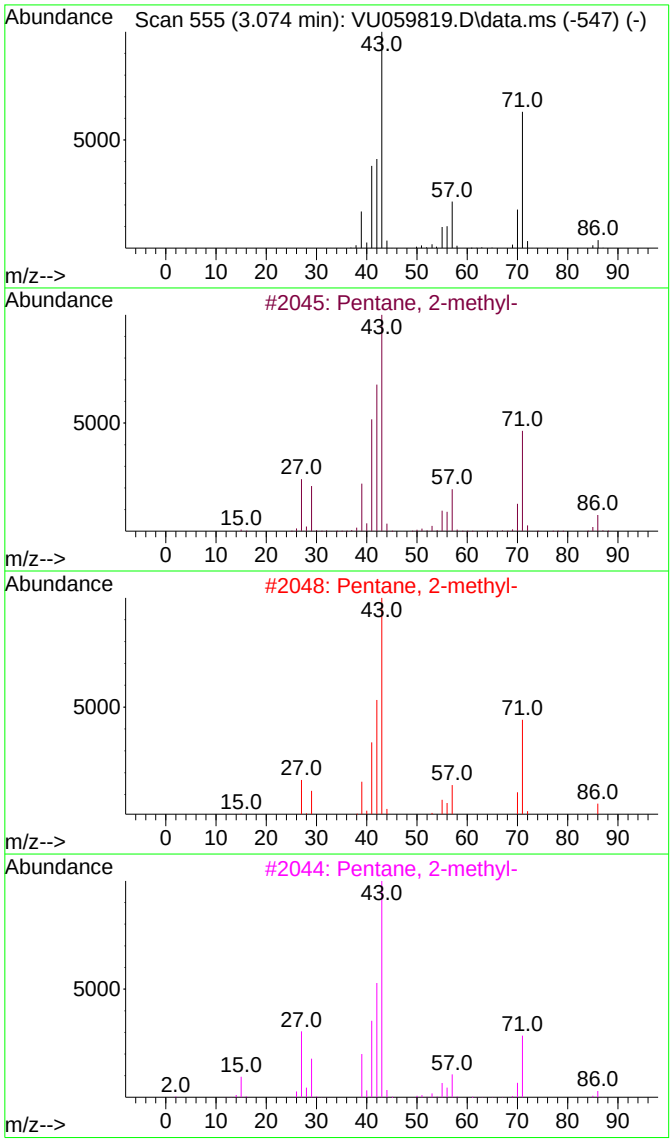
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

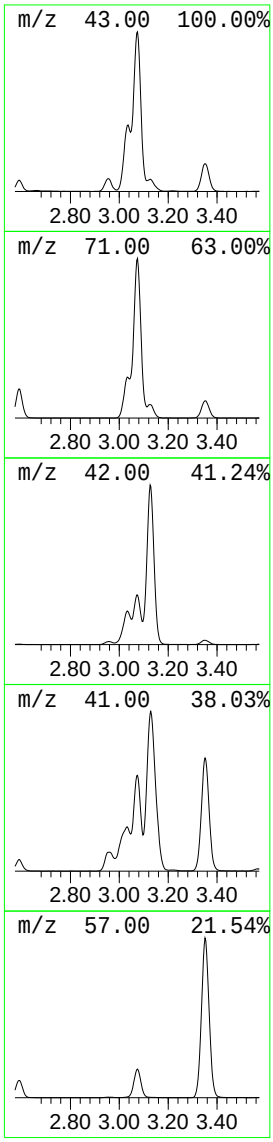
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.074	22.67 ug/L	1687910	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47





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Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

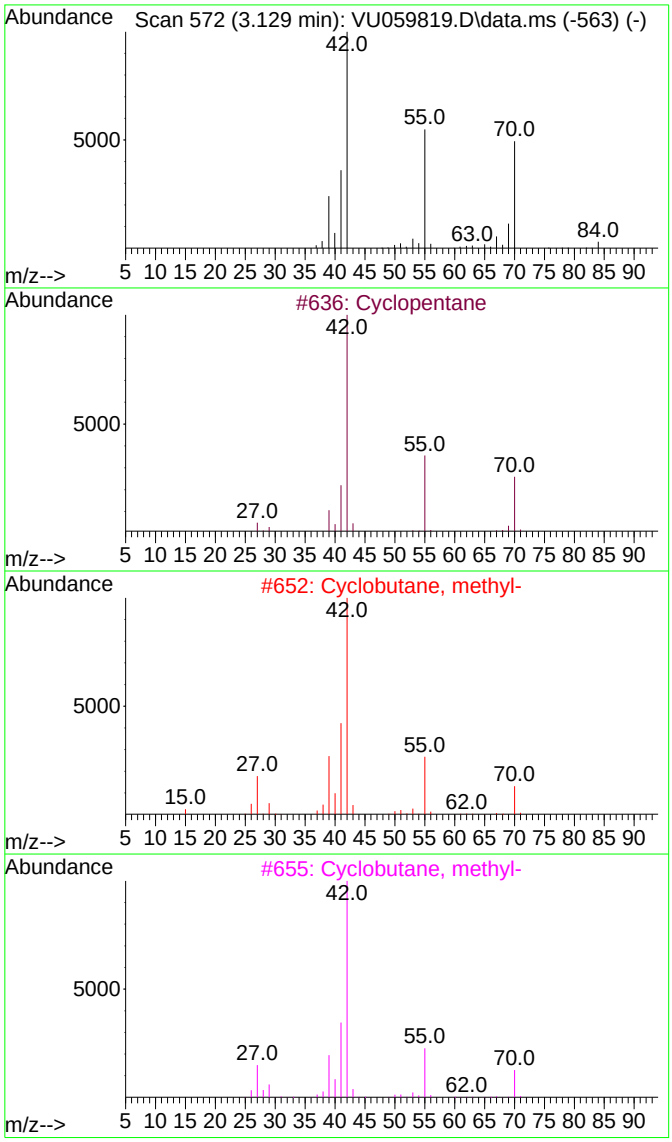
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

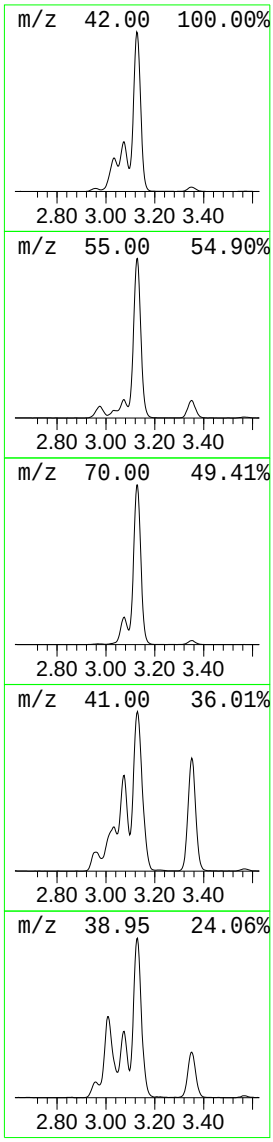
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic3.129 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.129	41.14 ug/L	3063180	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	1-Pentene	70	C5H10	000109-67-1	59
5	1-Pentene	70	C5H10	000109-67-1	53





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

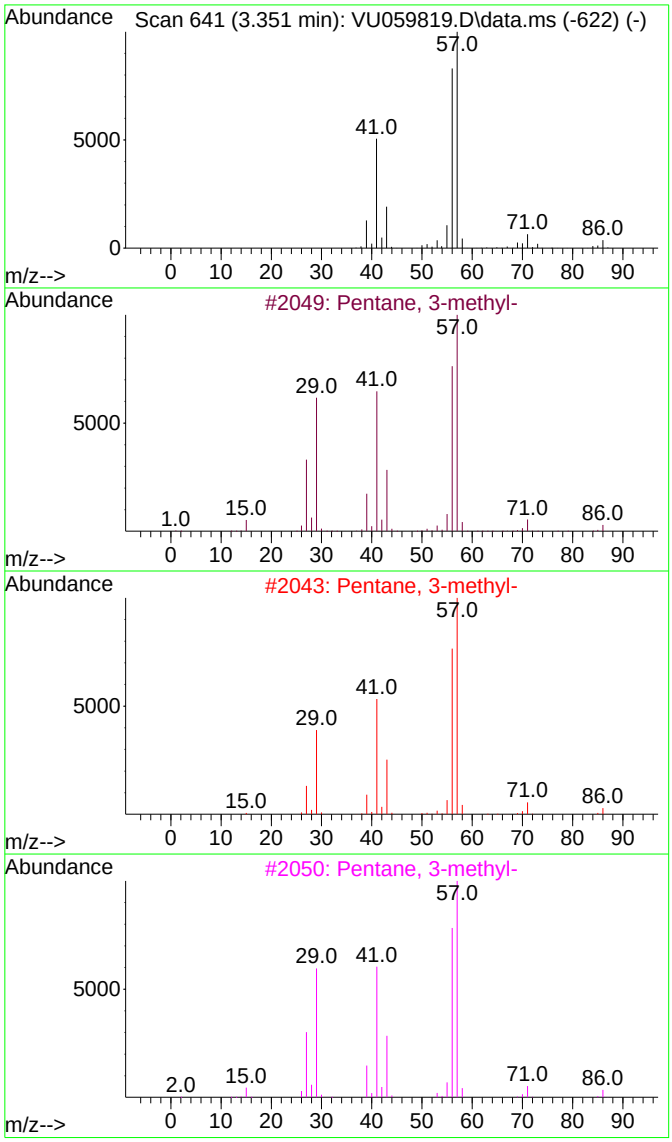
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

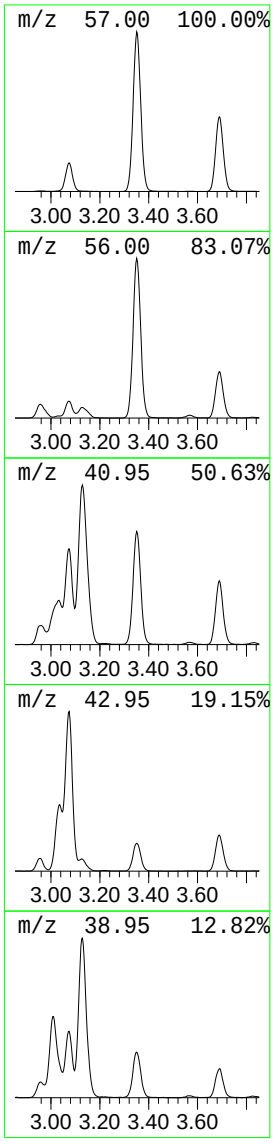
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.351	21.40 ug/L	1593640	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





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Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

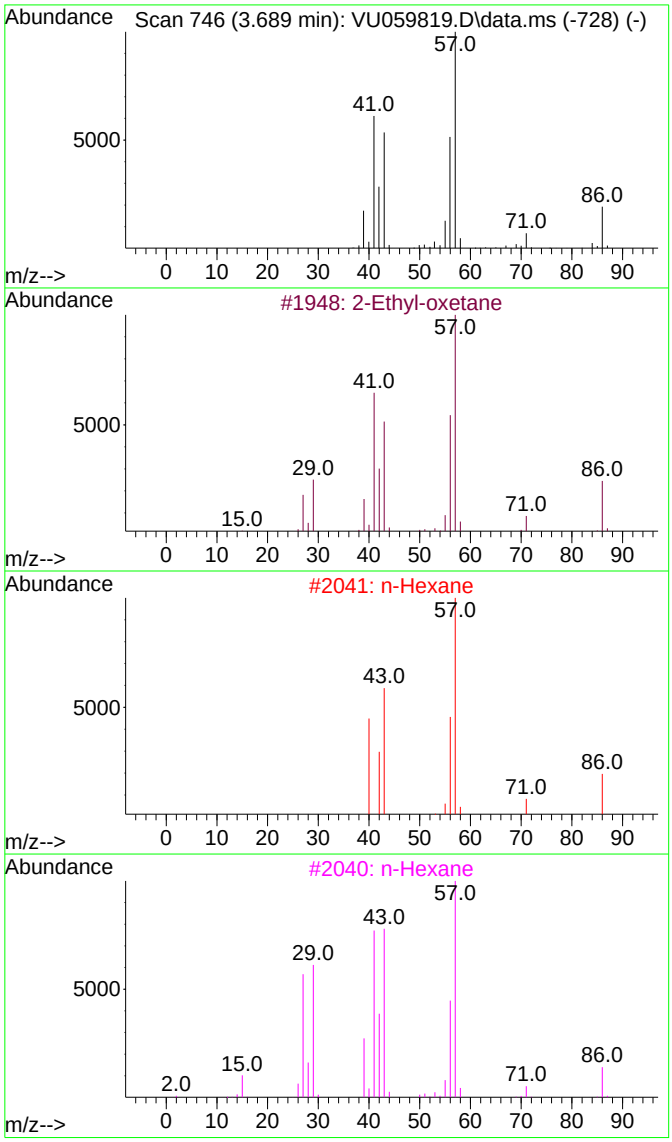
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

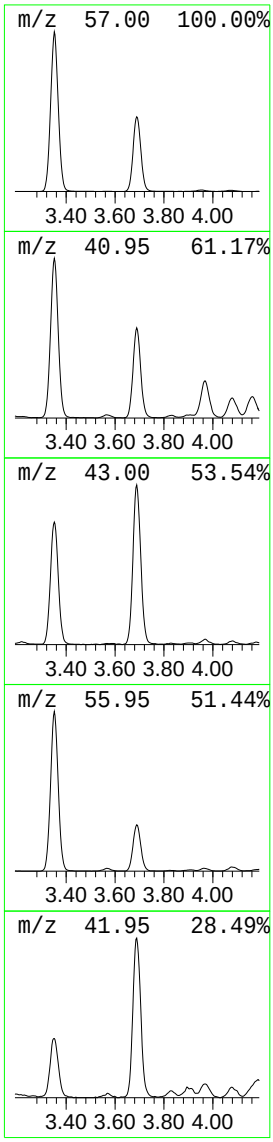
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Ethyl-oxetane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.689	12.03 ug/L	895402	1,4-Difluorobenzene	6.242

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





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Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

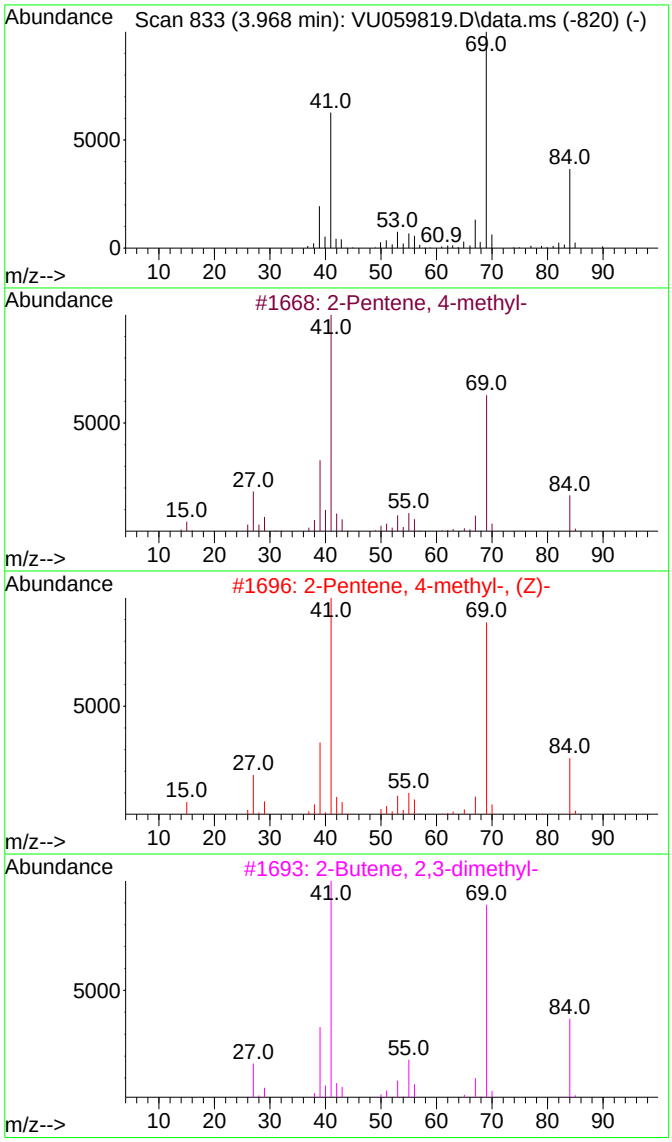
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

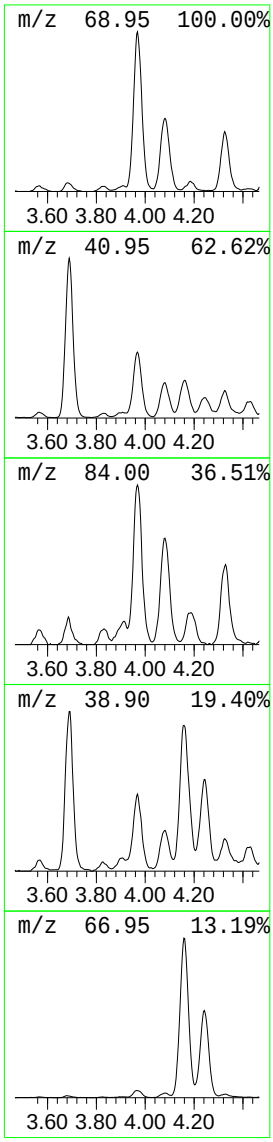
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.968	4.42 ug/L	329080	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	87
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	87
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86





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Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

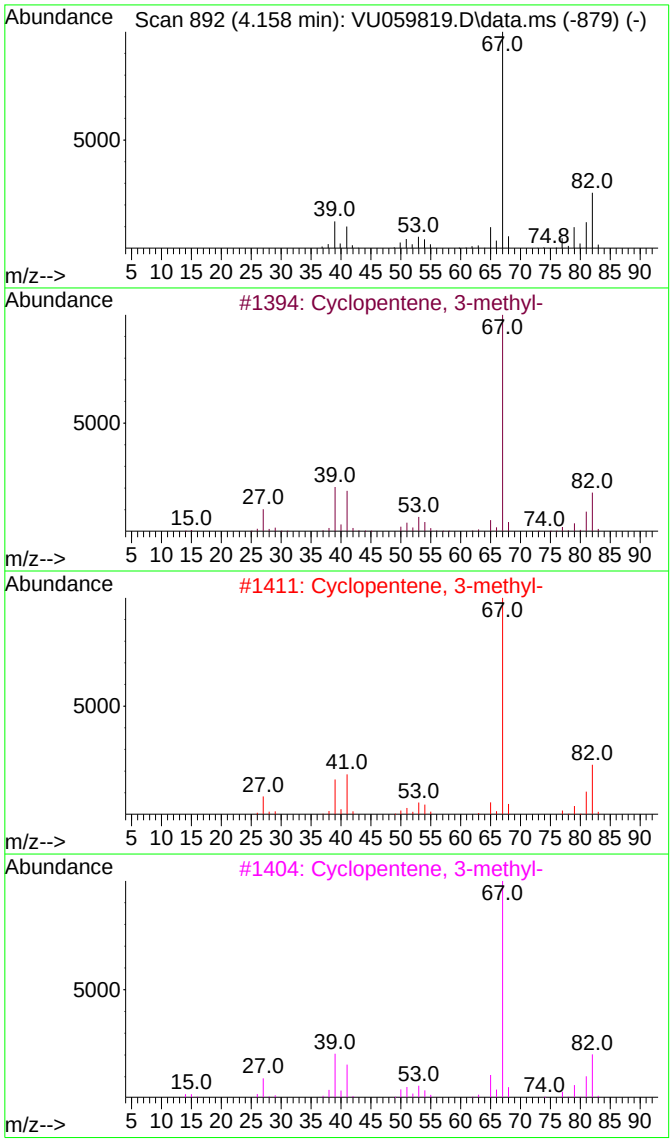
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

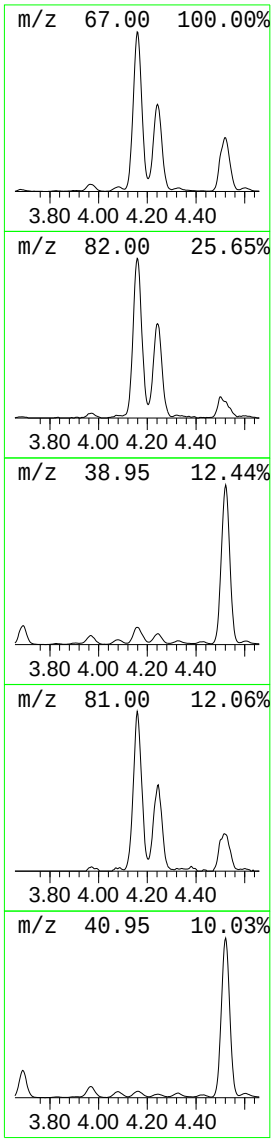
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopentene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.158	10.01 ug/L	745406	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
4	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	83





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

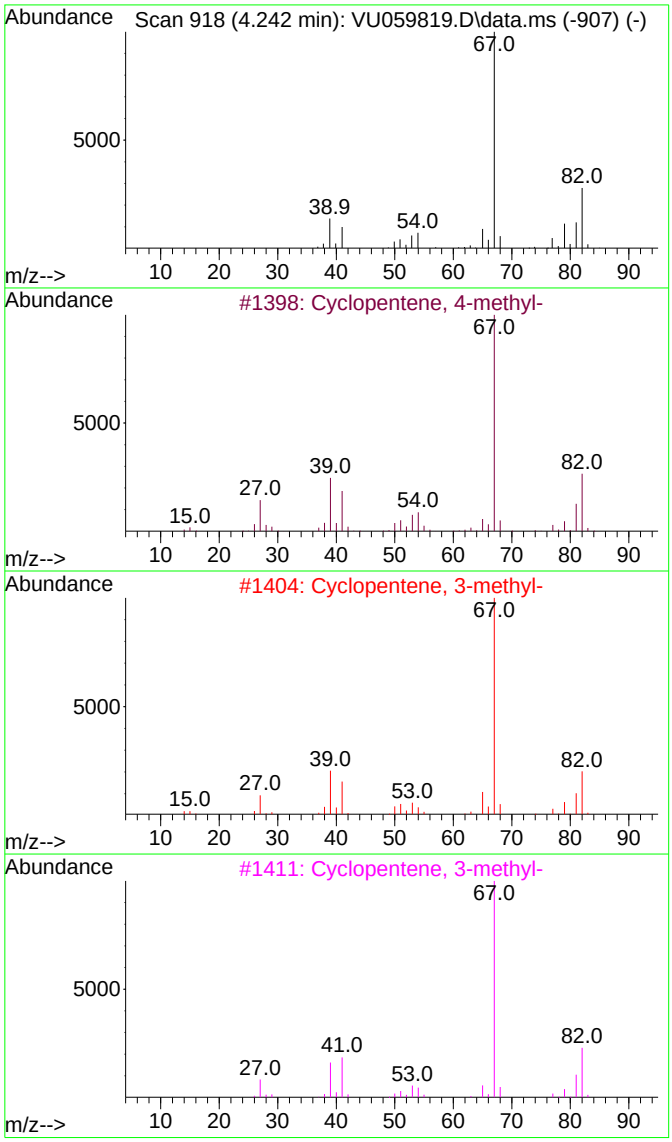
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

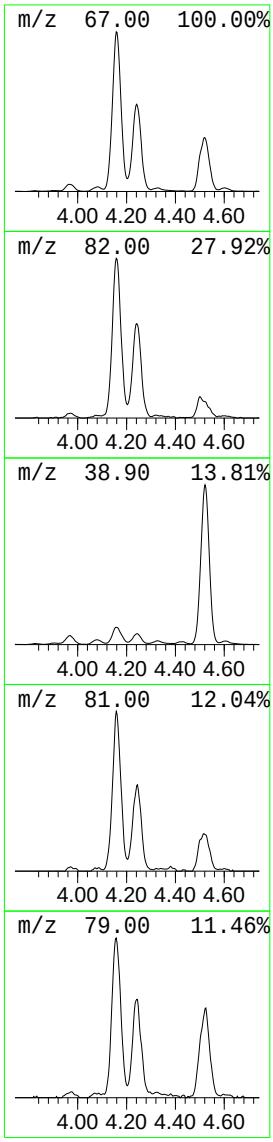
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopentene, 4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.242	5.21 ug/L	388103	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	90
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	83





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

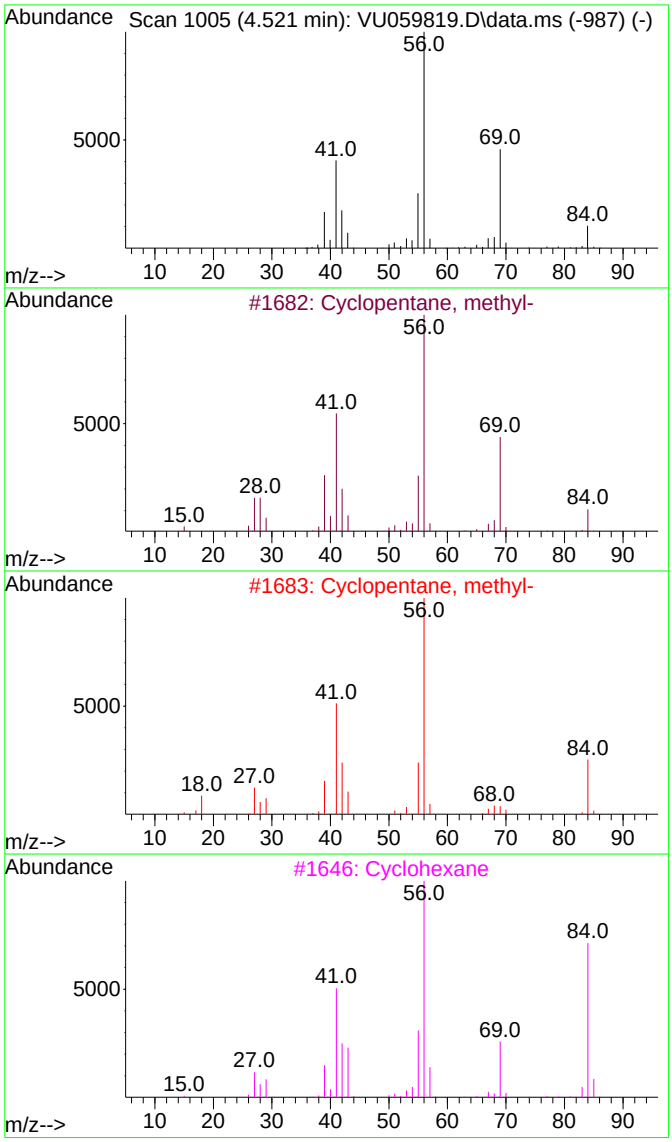
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

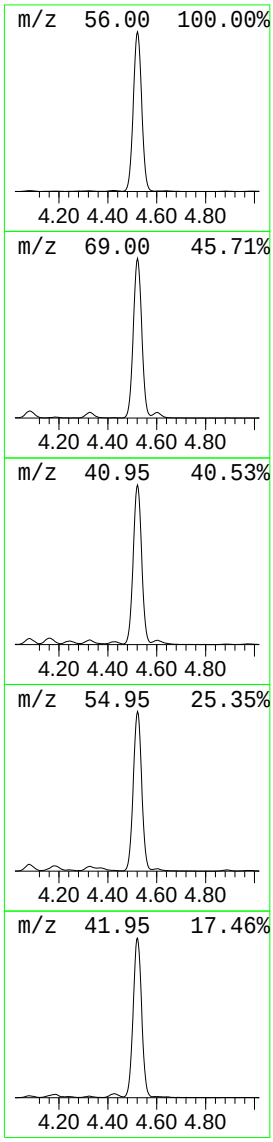
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic4.521 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.521	92.17 ug/L	6862920	1,4-Difluorobenzene	6.242

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	87
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

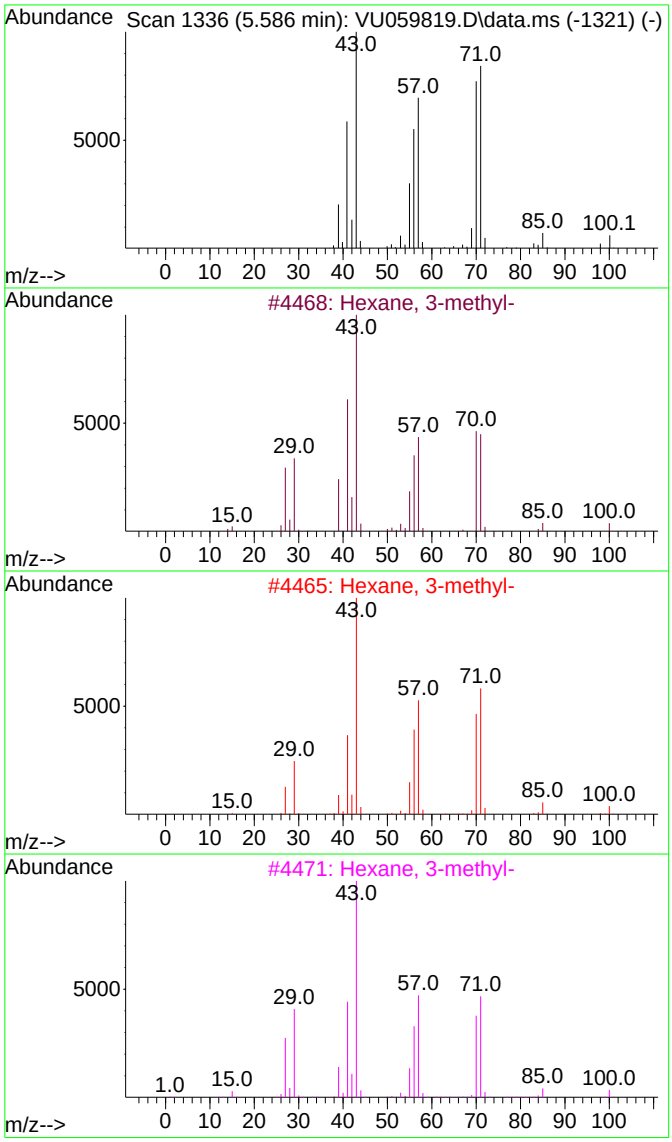
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

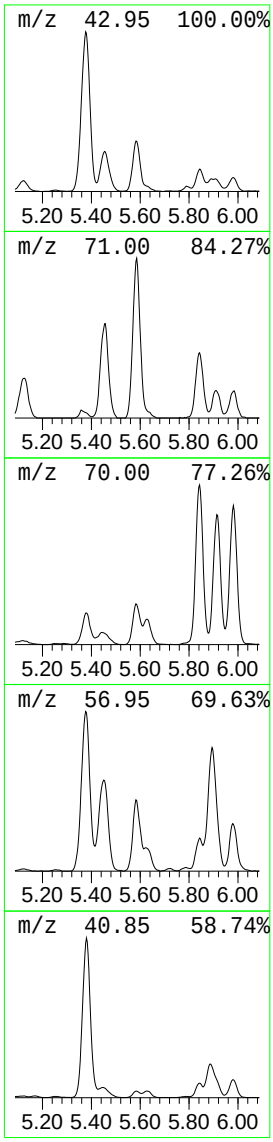
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.586	4.63 ug/L	344724	1,4-Difluorobenzene	6.242

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	91
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

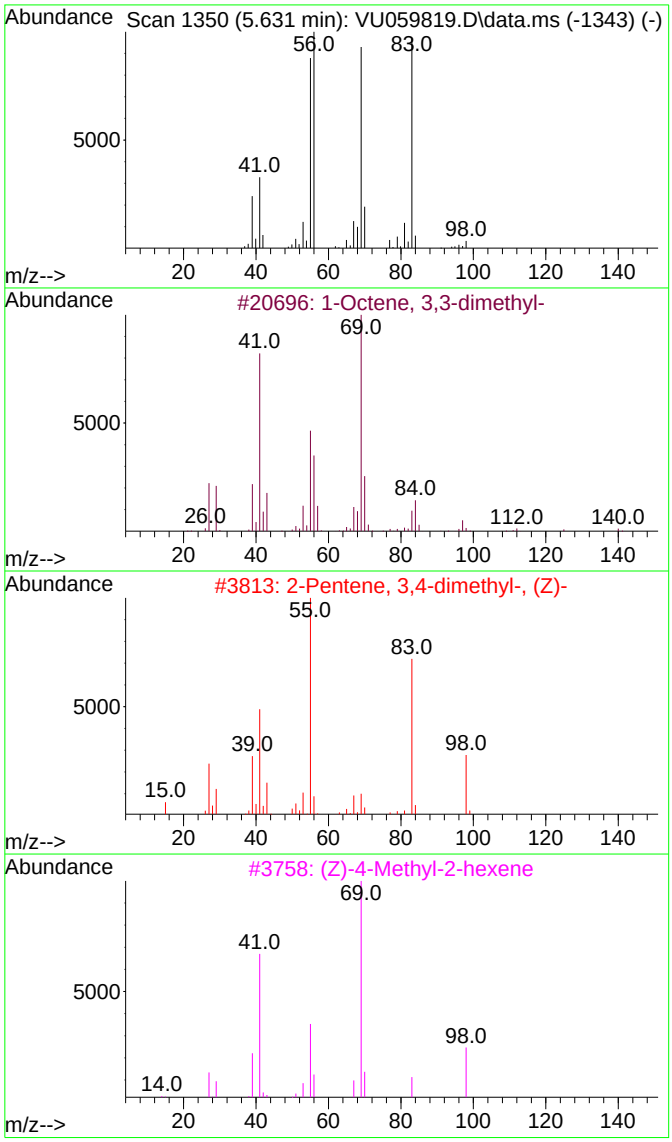
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

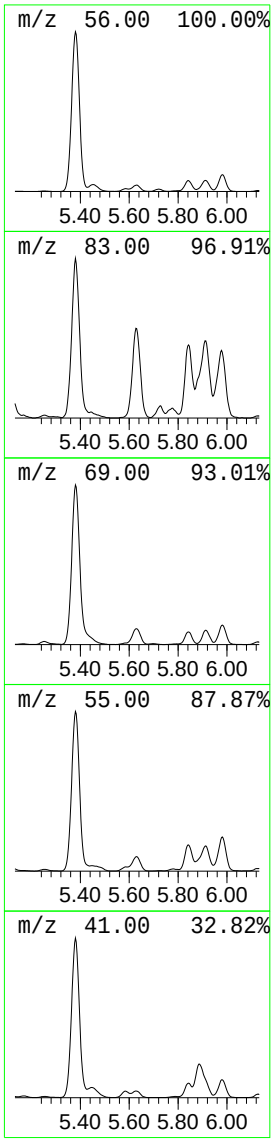
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.631	5.85 ug/L	435416	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	35
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	27
3	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	27
4	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	27
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

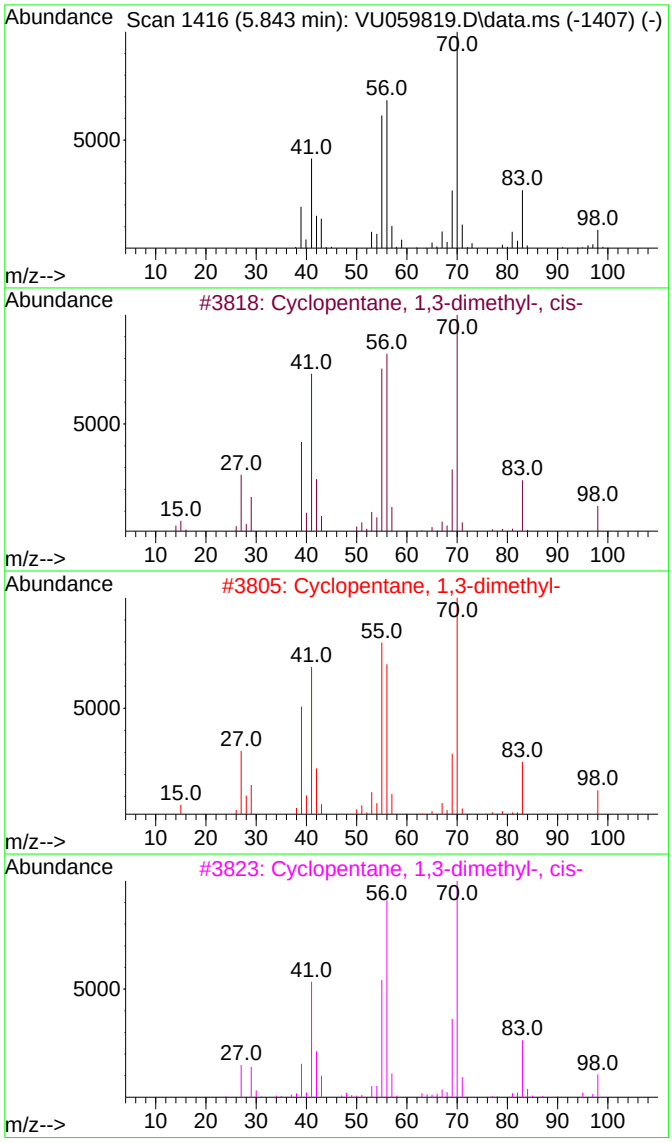
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

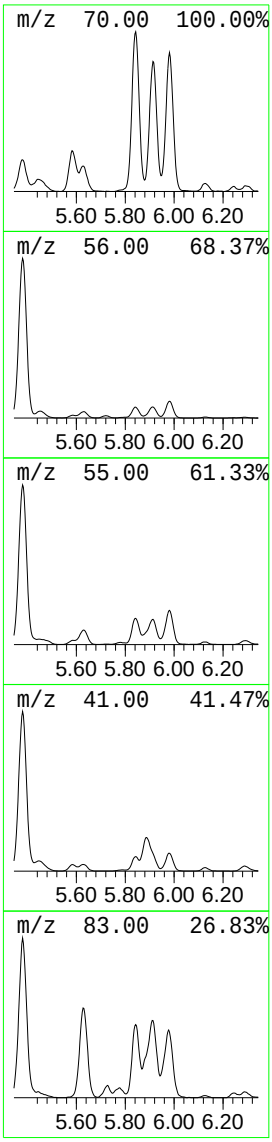
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic5.843 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.843	11.71 ug/L	872226	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	52
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

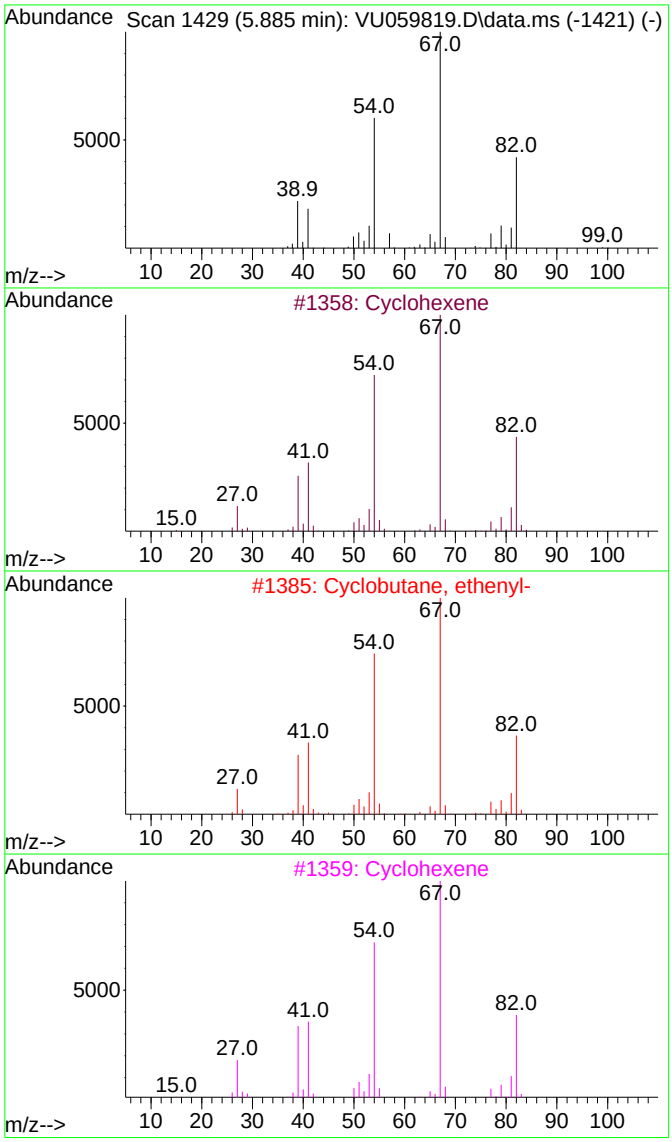
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

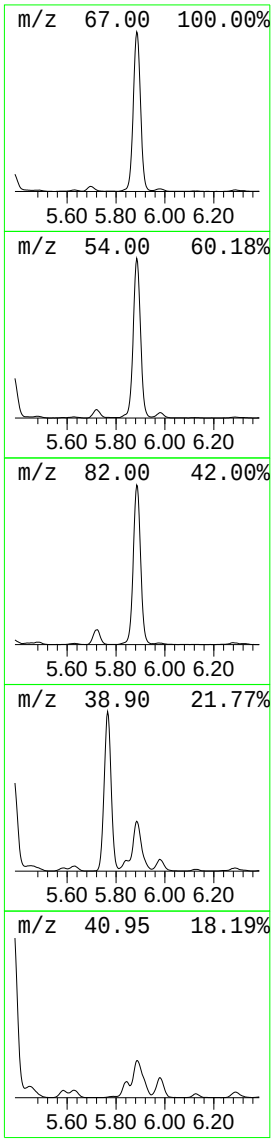
****

Peak Number 18 Cyclohexene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.885	48.06 ug/L	3578490	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	90
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	90
3	Cyclohexene	82	C6H10	000110-83-8	90
4	Cyclohexene	82	C6H10	000110-83-8	90
5	Cyclohexene	82	C6H10	000110-83-8	90





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

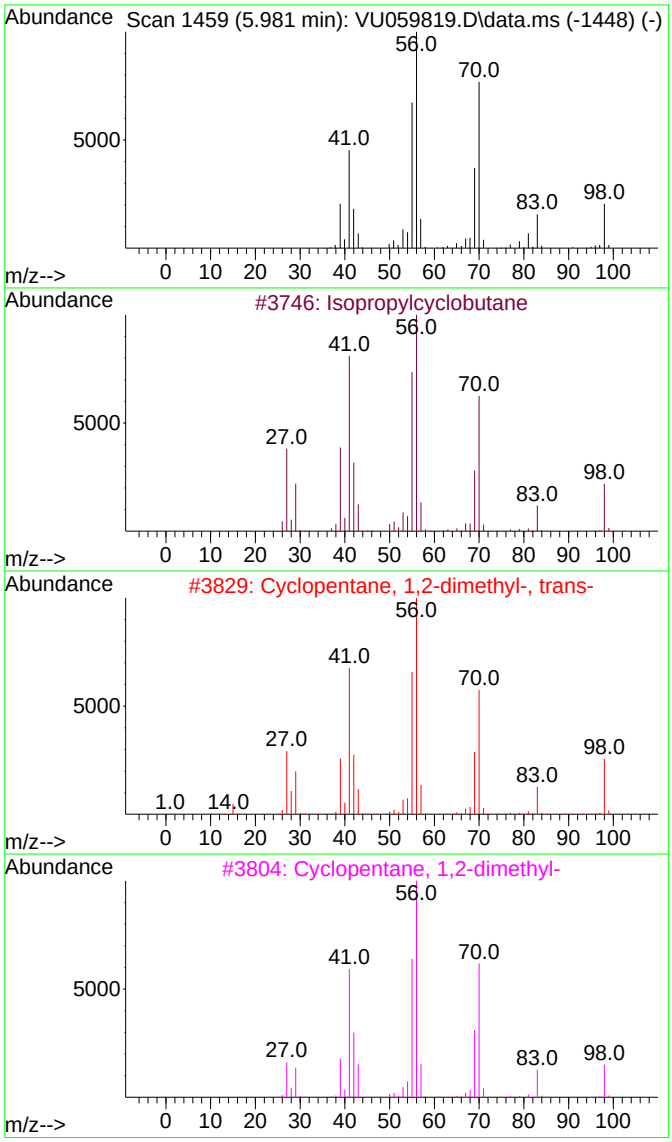
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

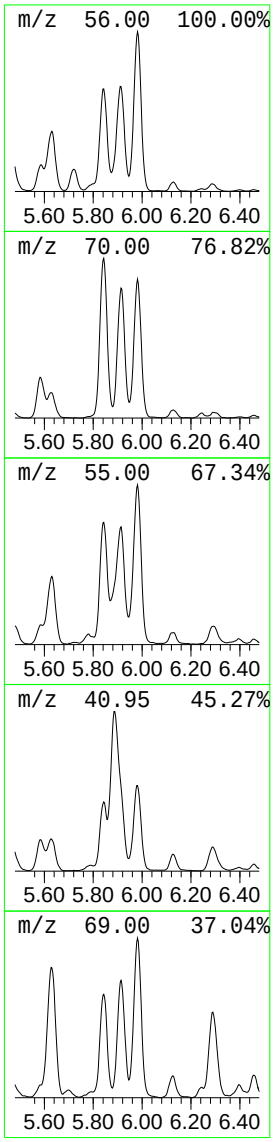
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic5.981 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	15.03 ug/L	1118840	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

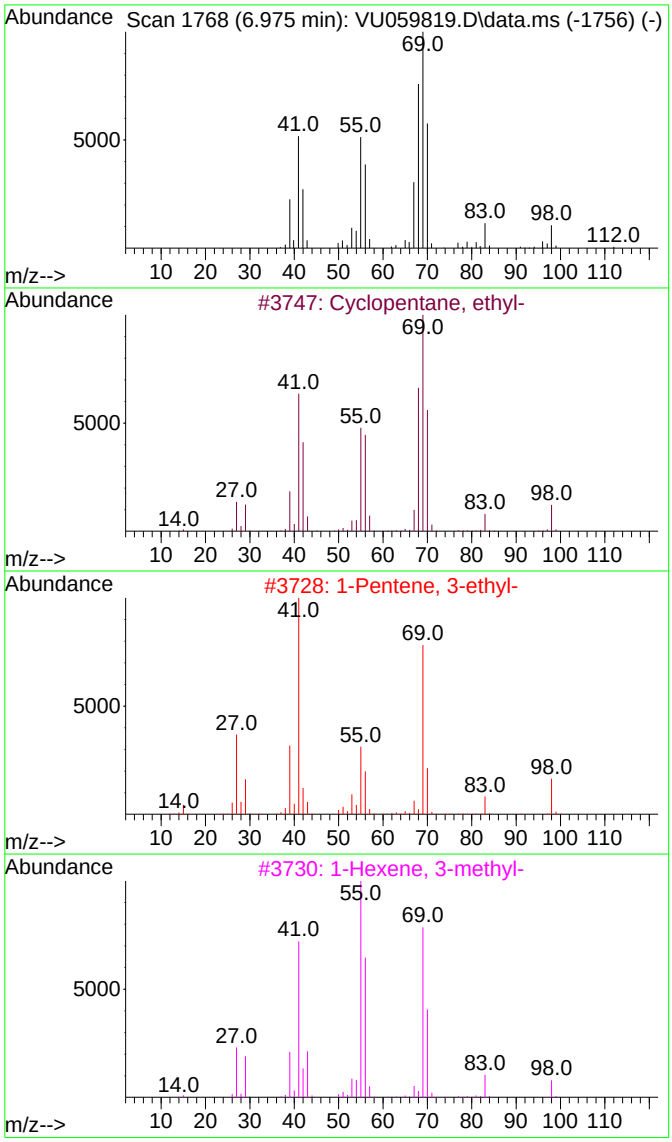
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

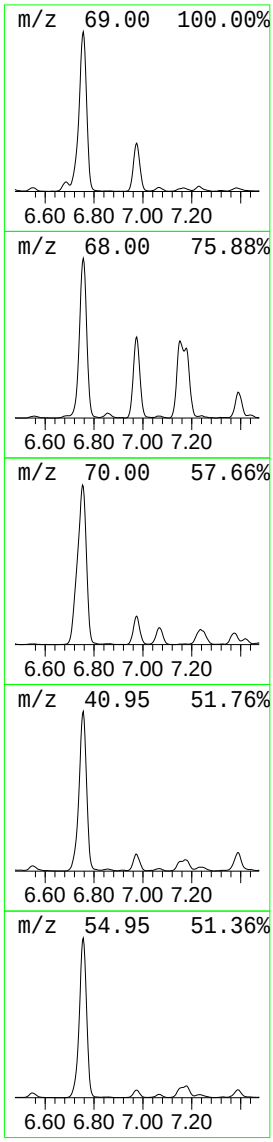
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic6.975 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	5.64 ug/L	419697	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	86
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

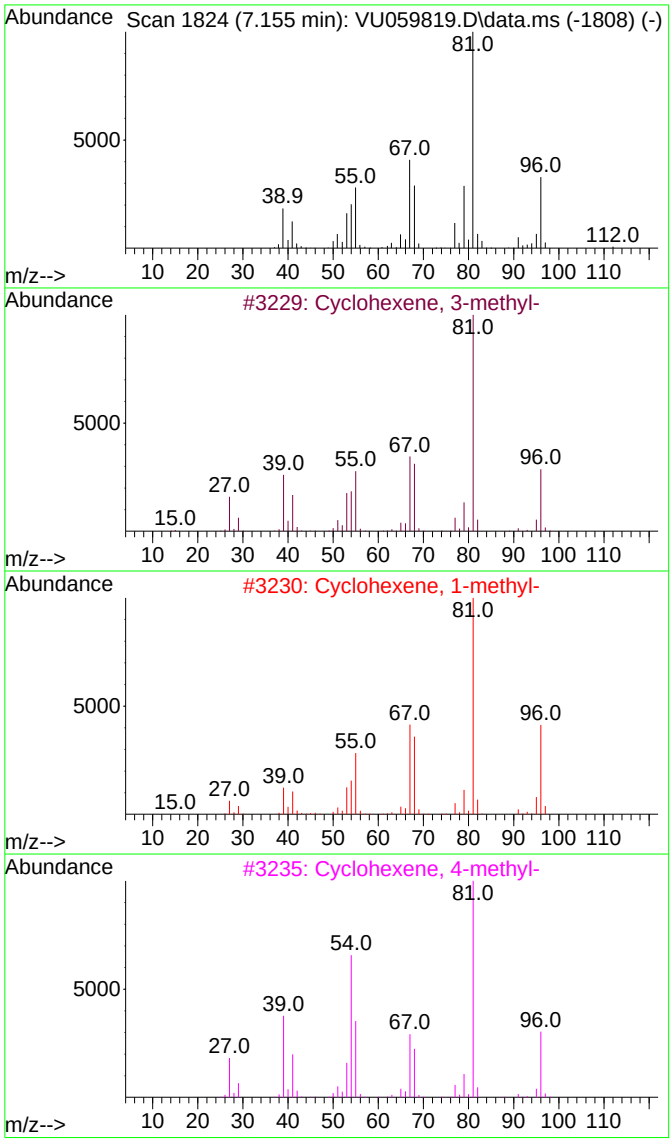
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

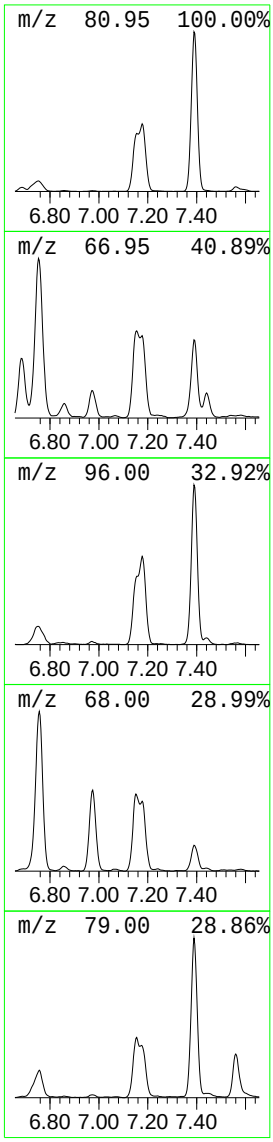
****

Peak Number 21 Cyclohexene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.155	8.85 ug/L	659032	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

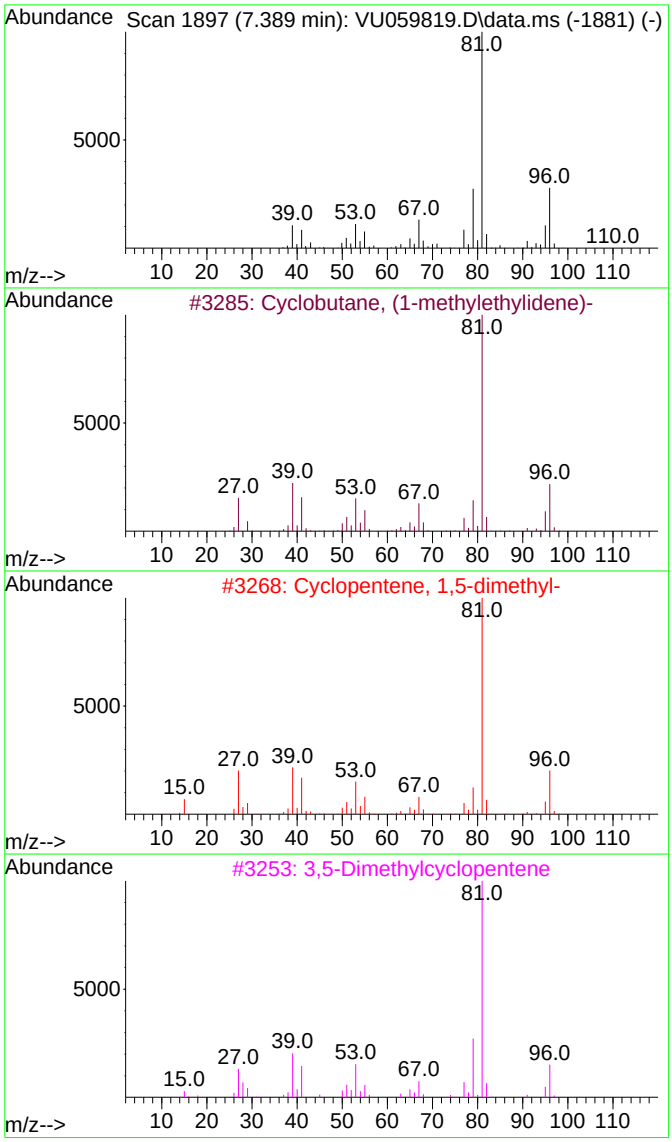
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

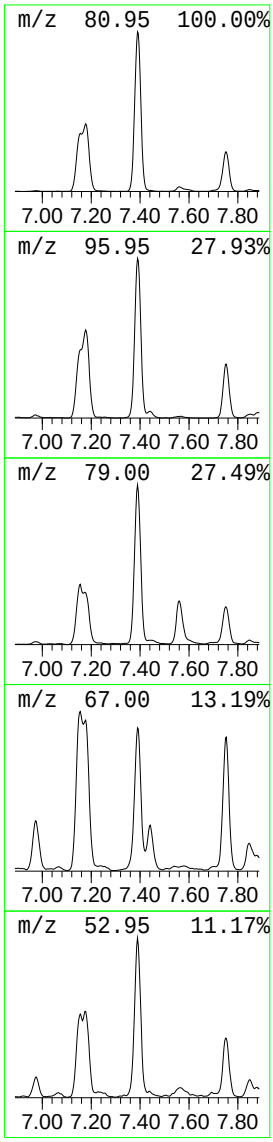
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclobutane, (1-methylethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.389	20.85 ug/L	1552680	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
4	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	72
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

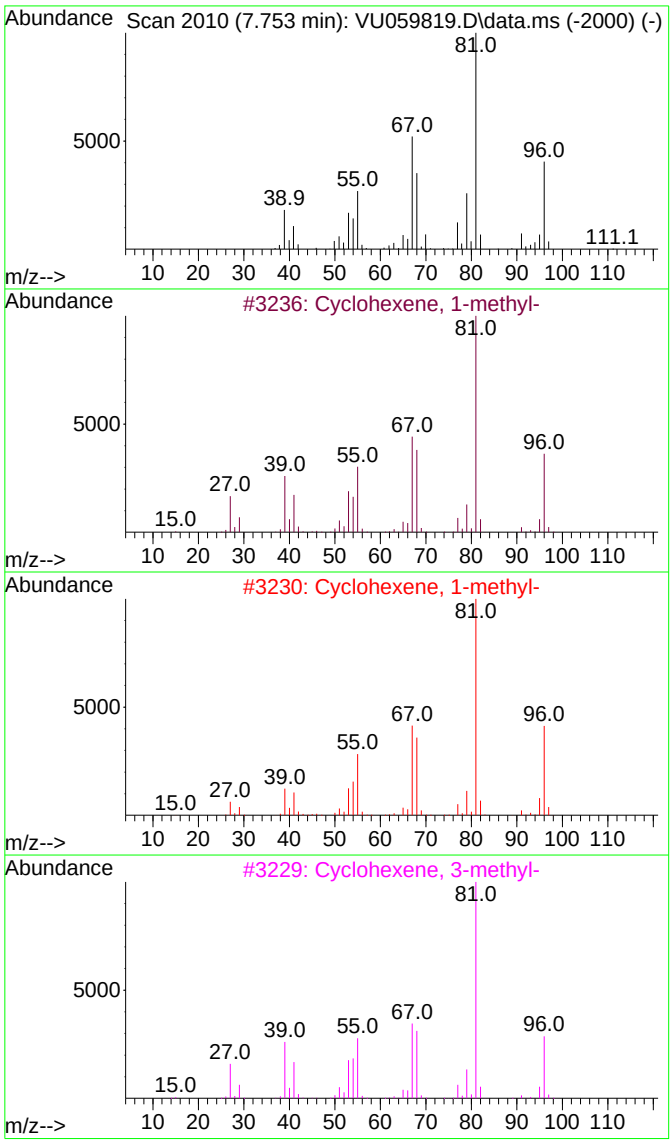
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

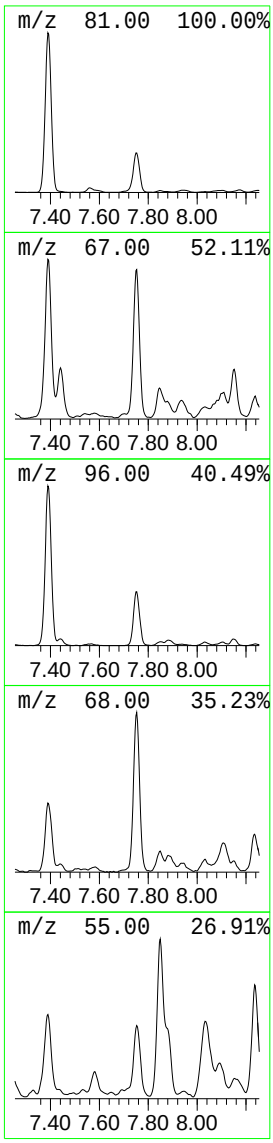
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclohexene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.753	7.77 ug/L	578332	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

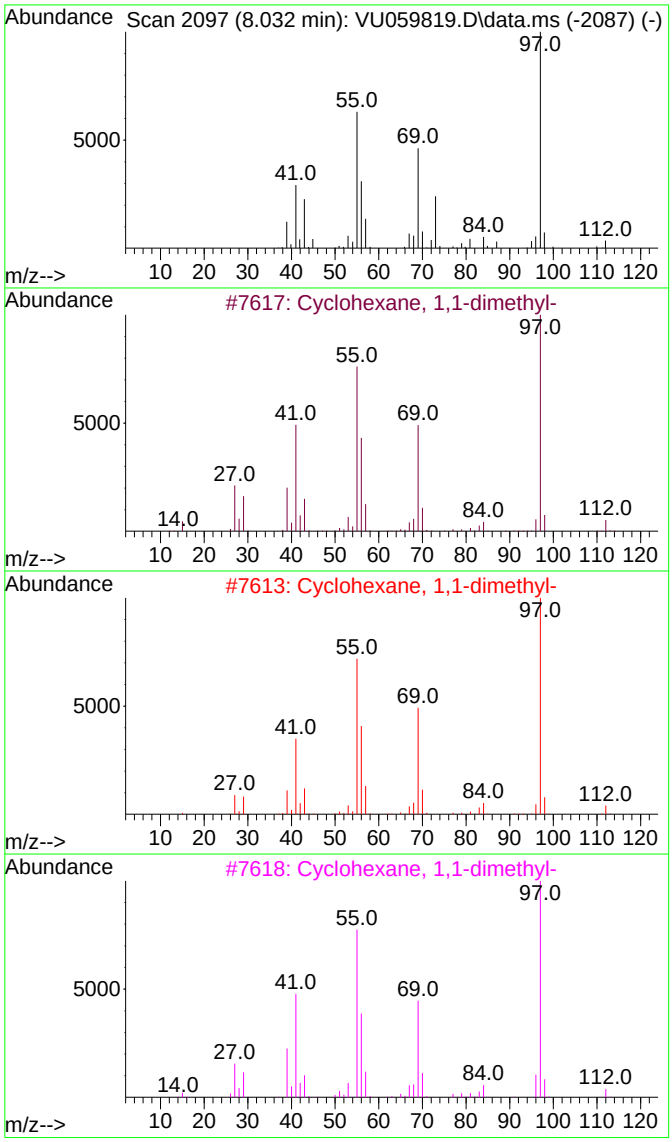
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

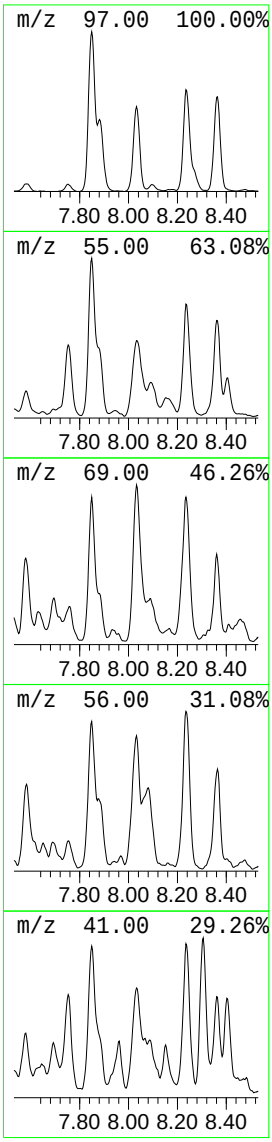
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic8.032 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	2.32 ug/L	258873	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
4	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	53
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

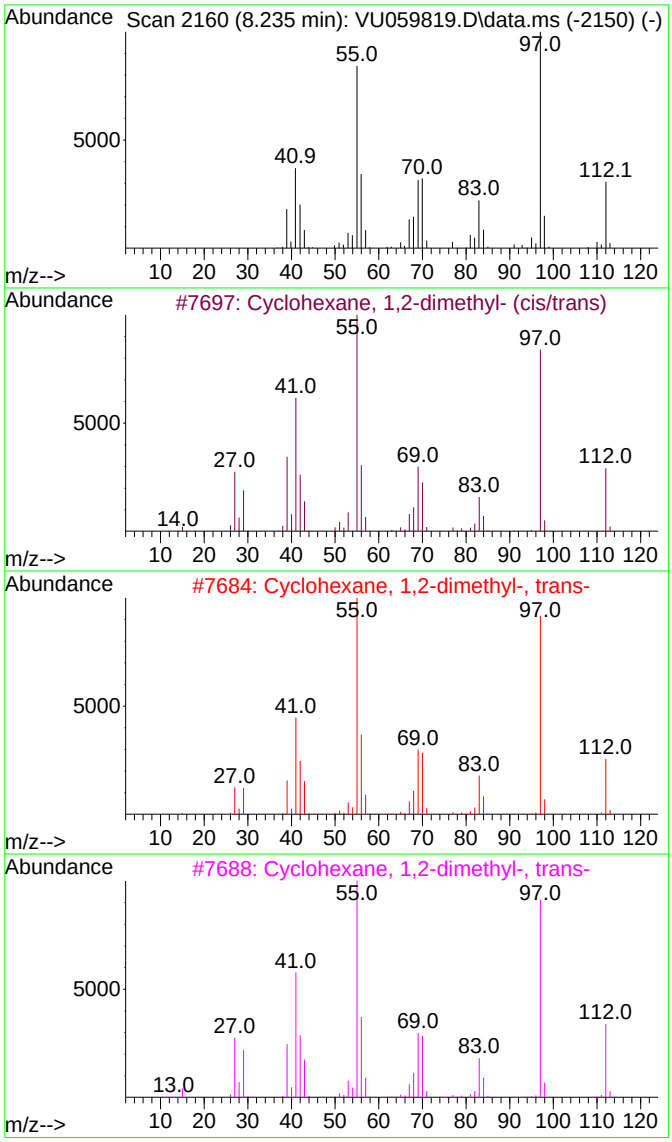
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

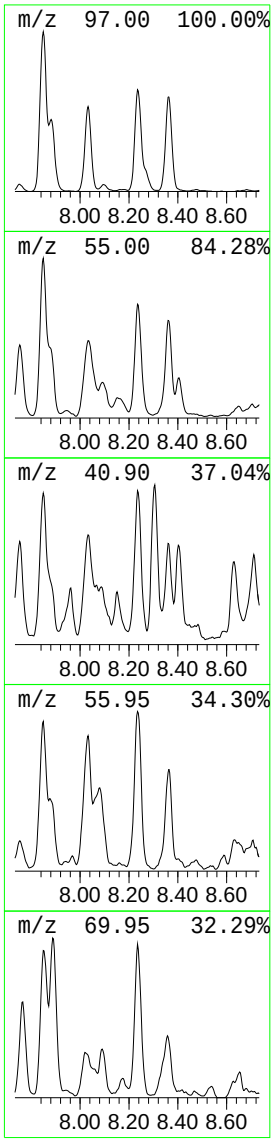
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic8.235 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	3.38 ug/L	376873	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

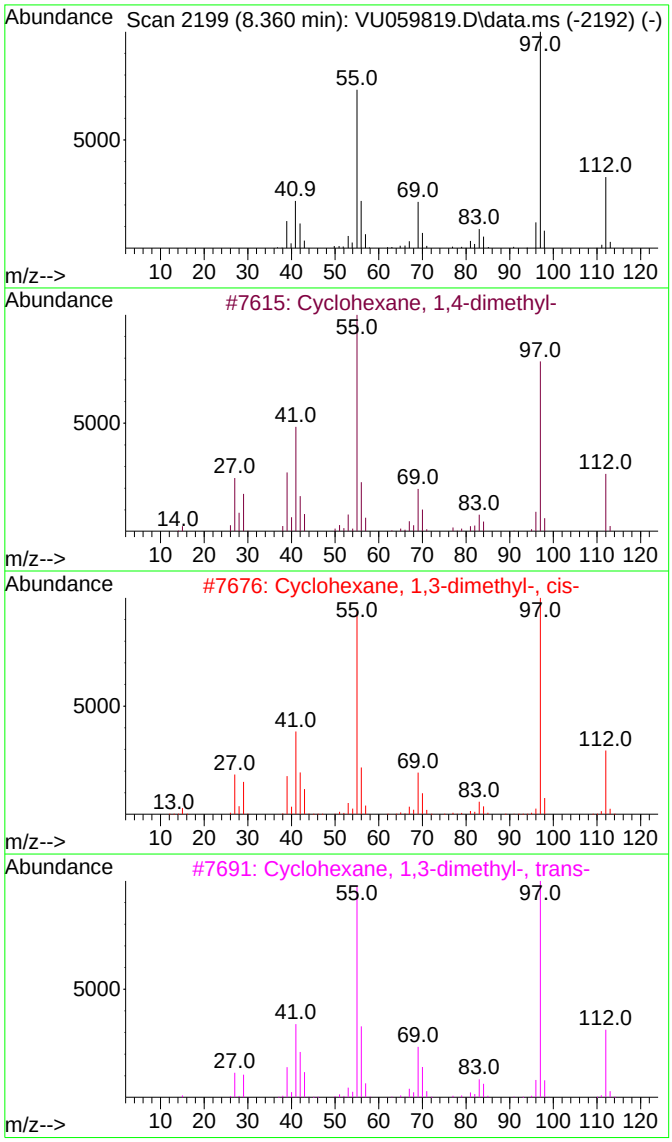
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

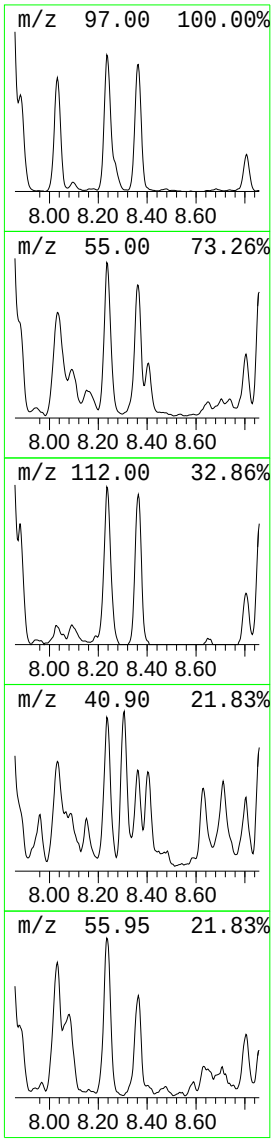
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.360 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.360	2.25 ug/L	251497	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

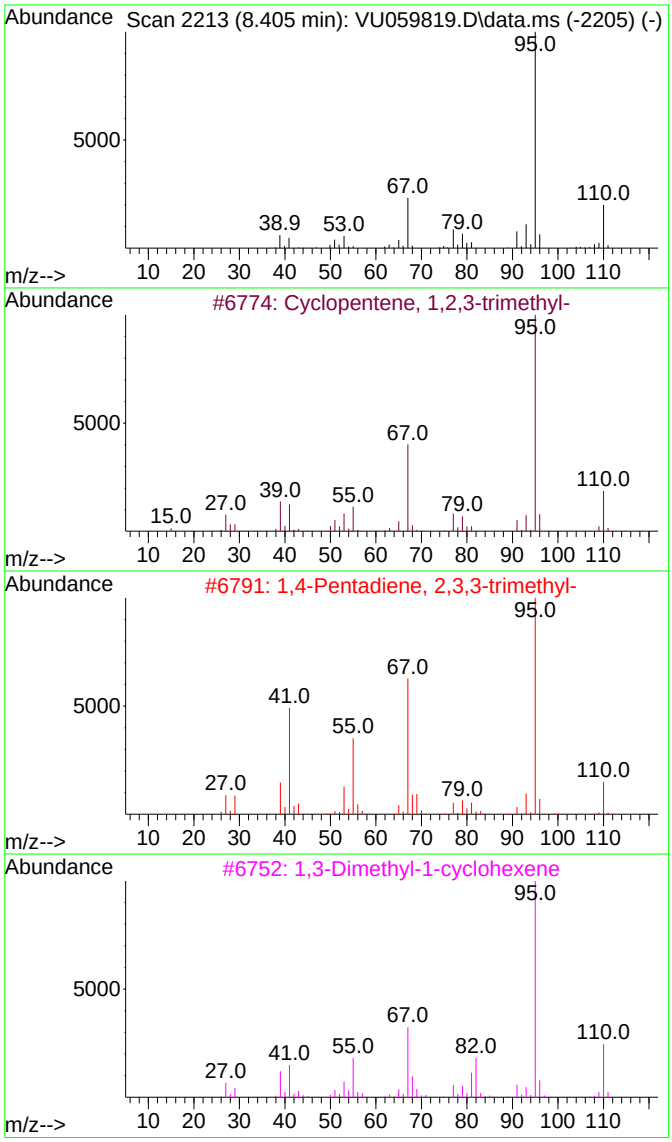
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

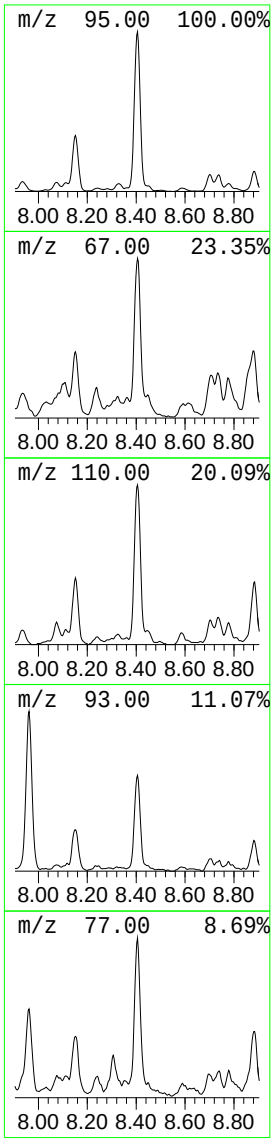
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.405	5.61 ug/L	626025	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	83
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

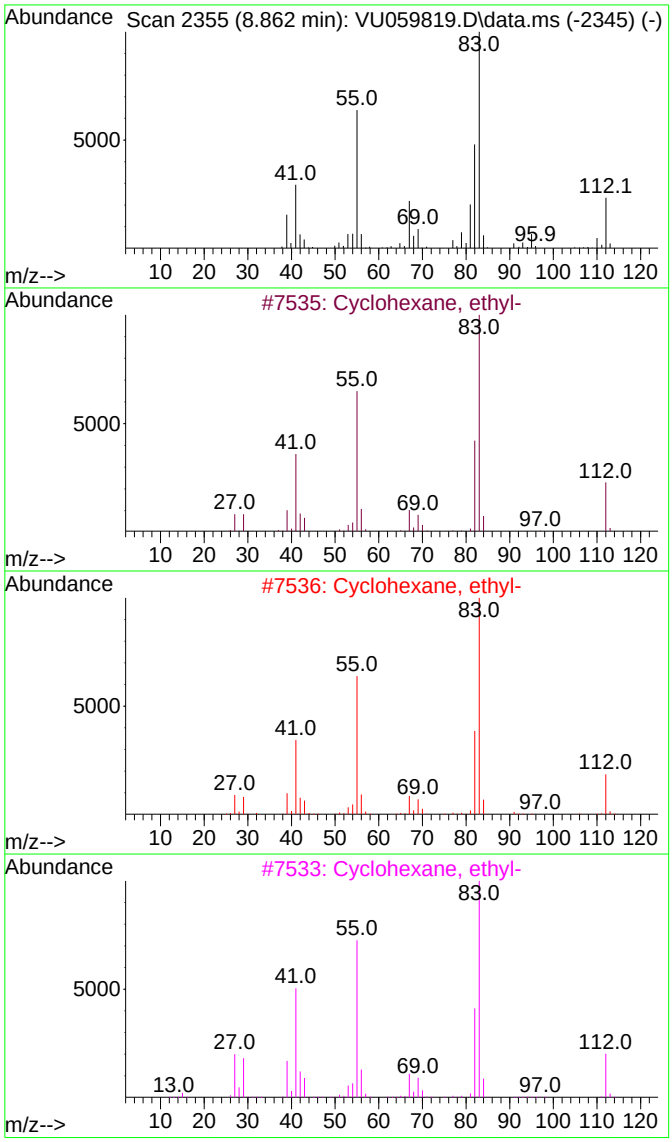
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

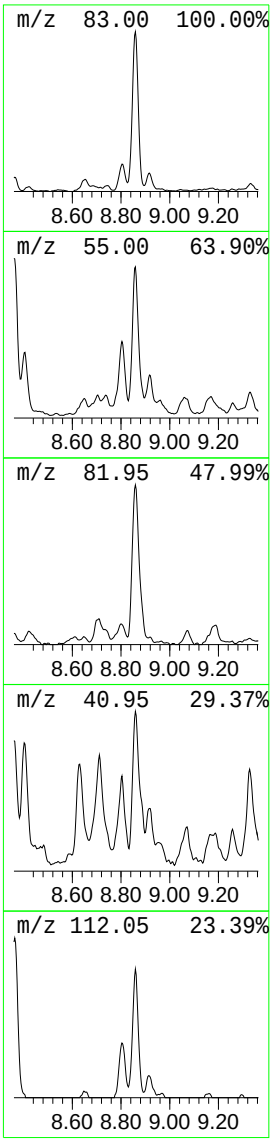
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic8.862 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.862	3.39 ug/L	378424	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

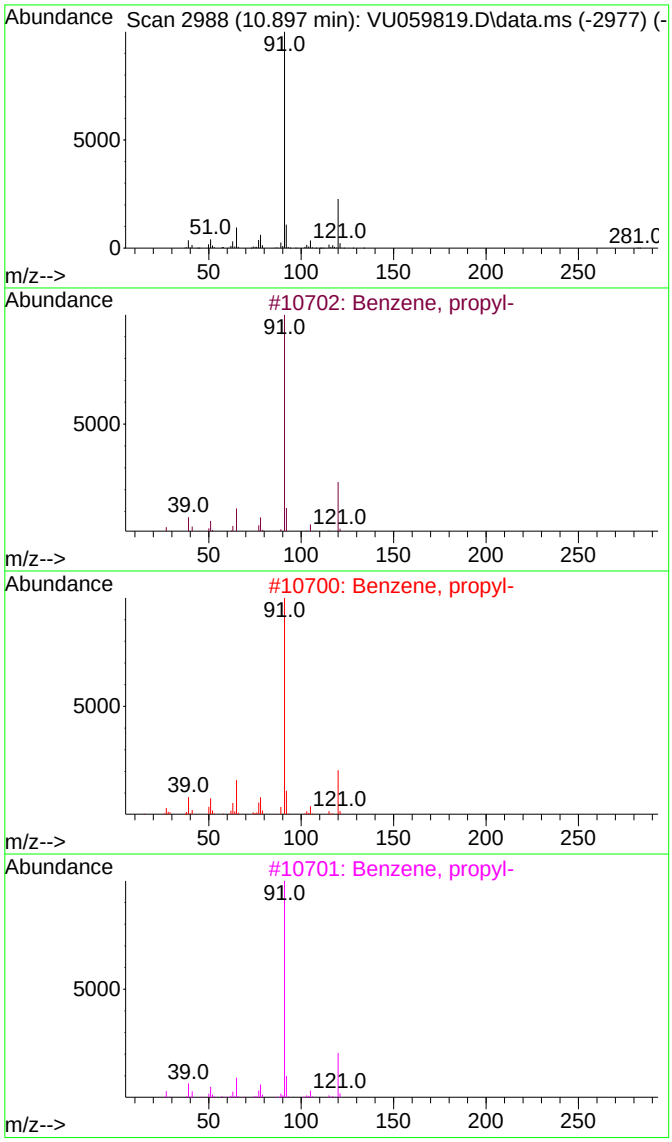
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

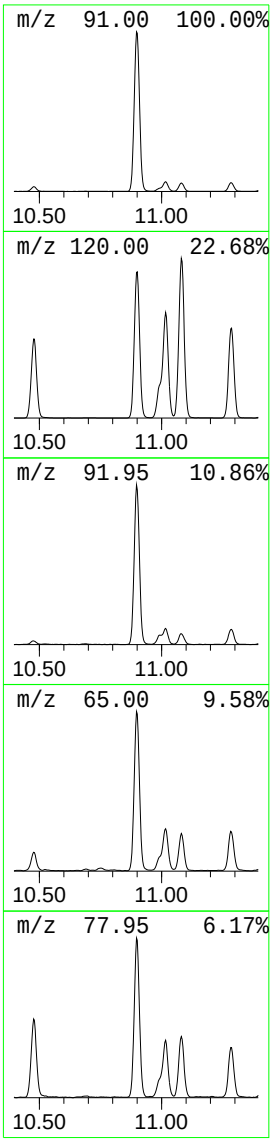
****

Peak Number 33 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.897	16.26 ug/L	2641210	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

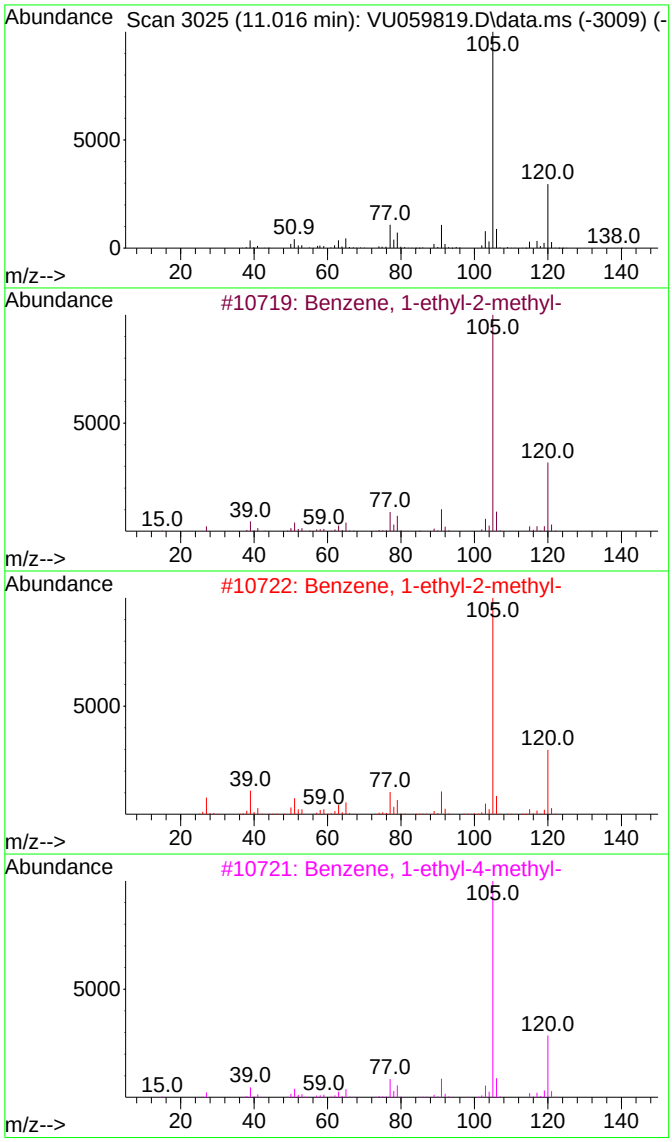
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

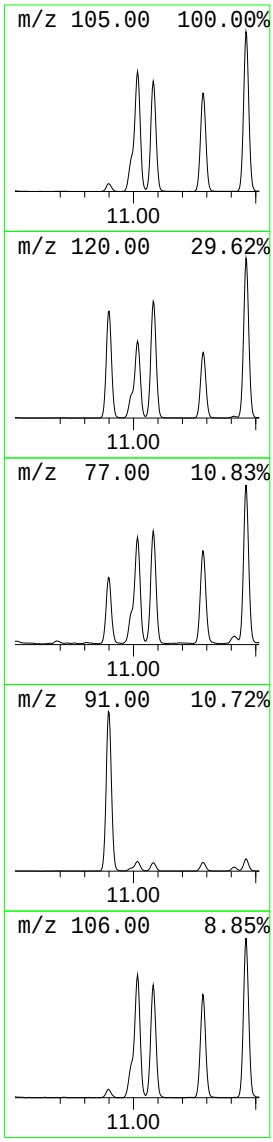
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	12.84 ug/L	2085070	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

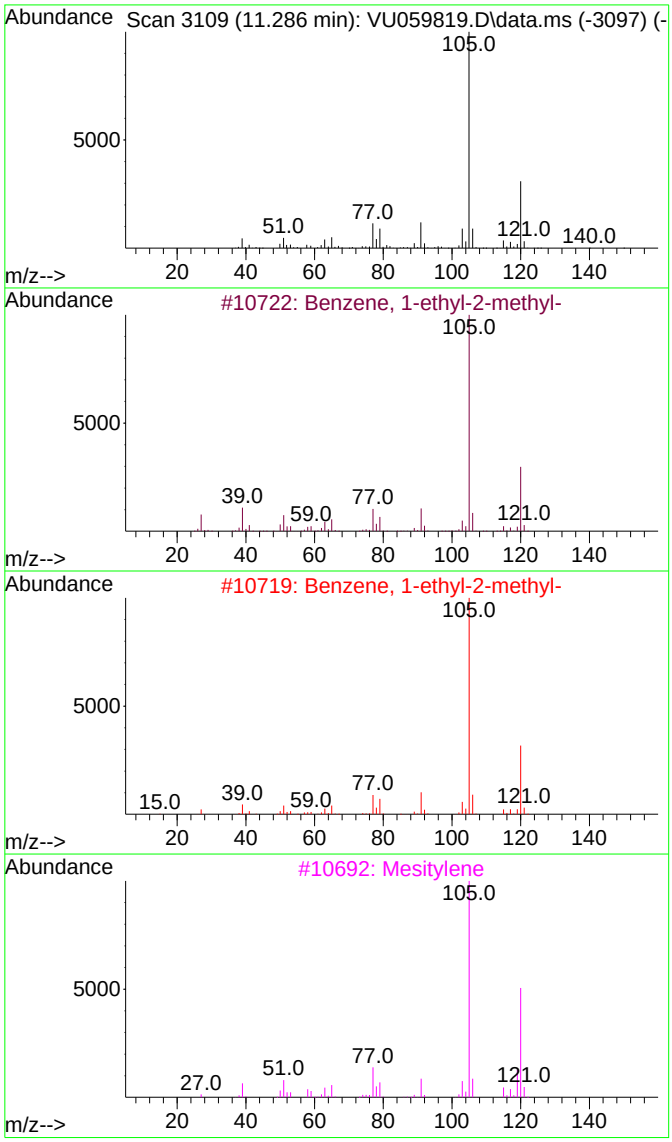
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

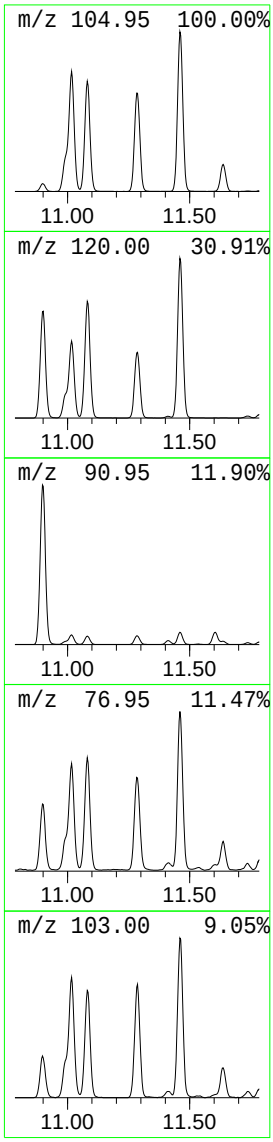
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1-ethyl-4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	10.64 ug/L	1728030	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

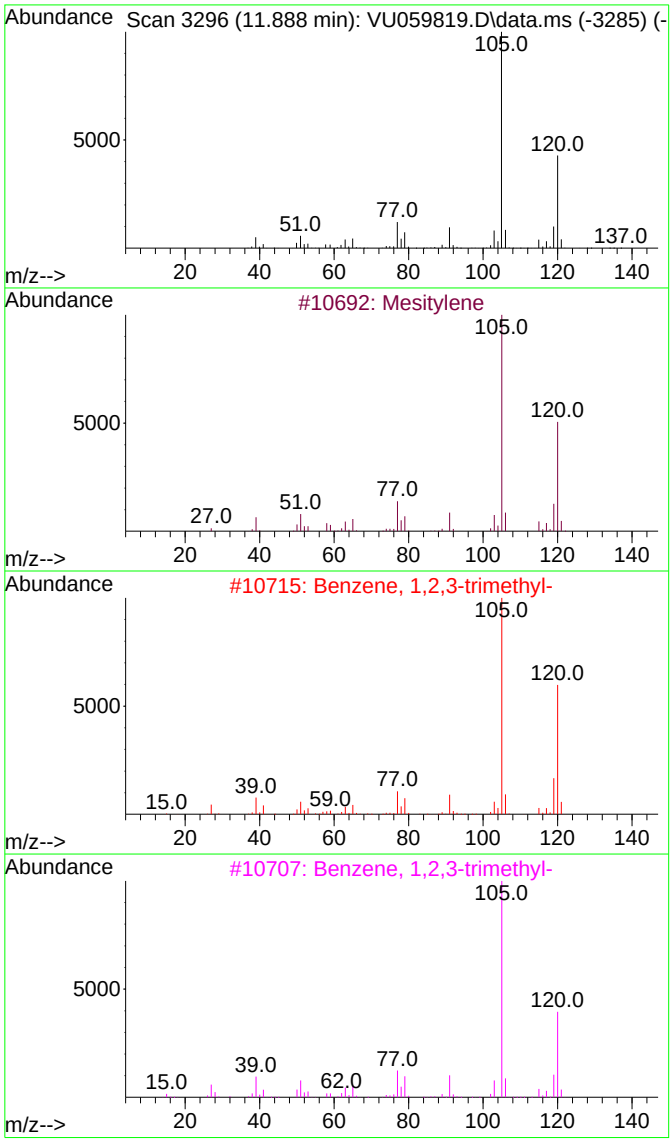
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

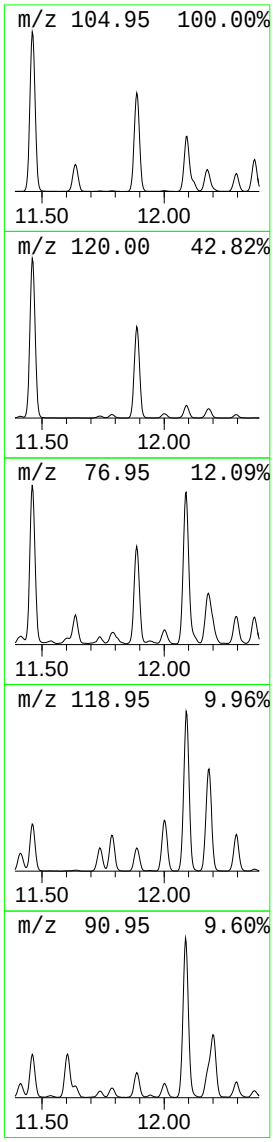
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	10.09 ug/L	1638770	1,4-Dichlorobenzene-d4	11.807

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

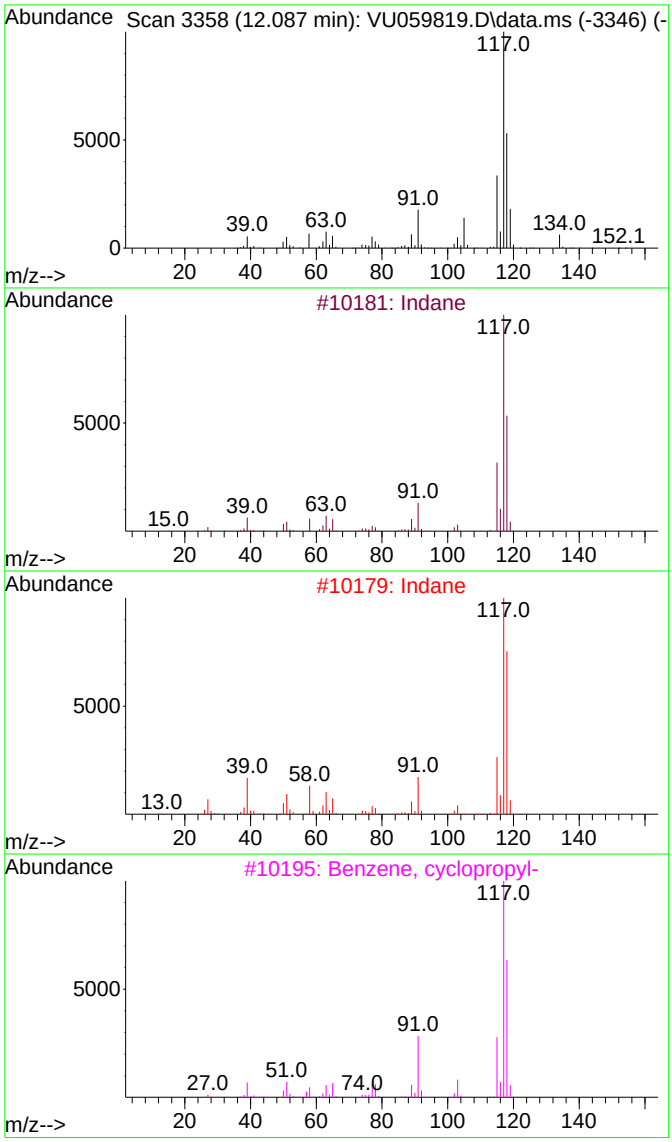
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

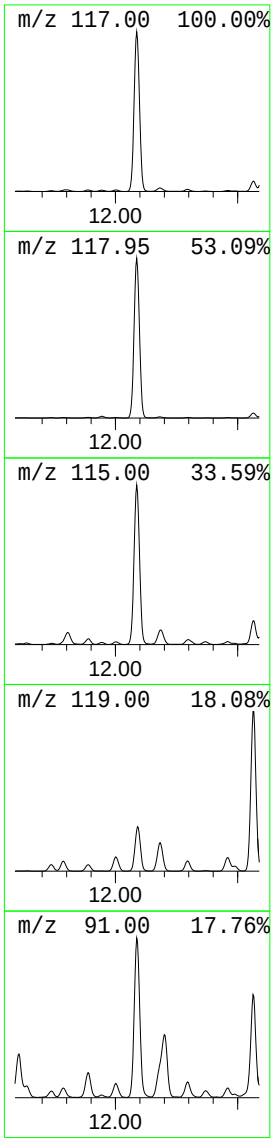
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	46.93 ug/L	7622580	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

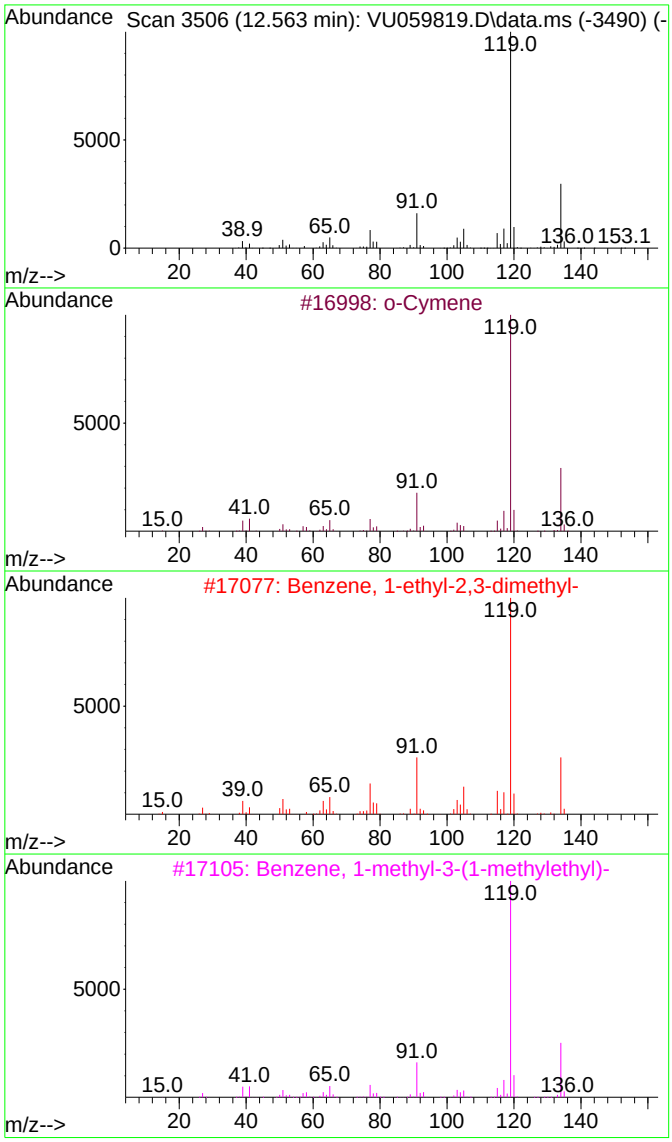
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

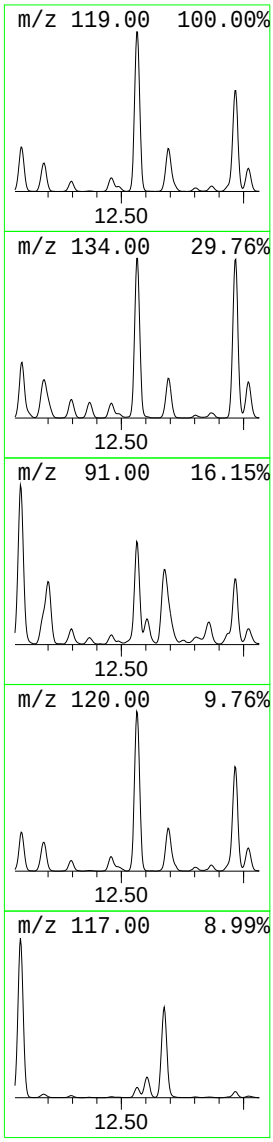
****

Peak Number 44 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	23.02 ug/L	3739800	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

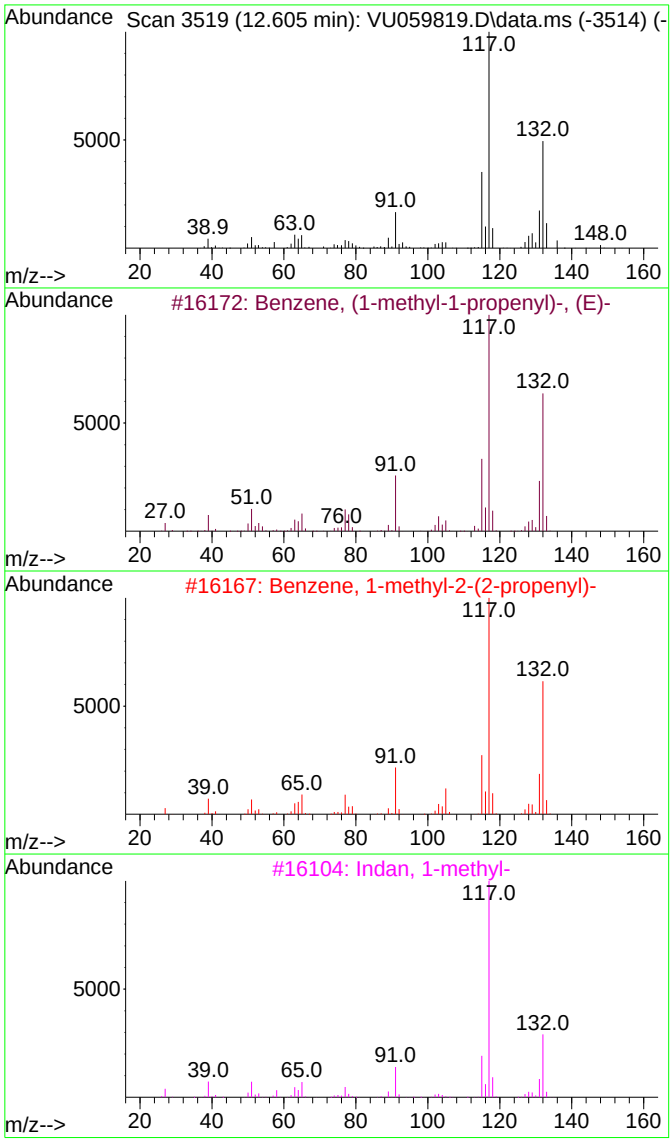
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

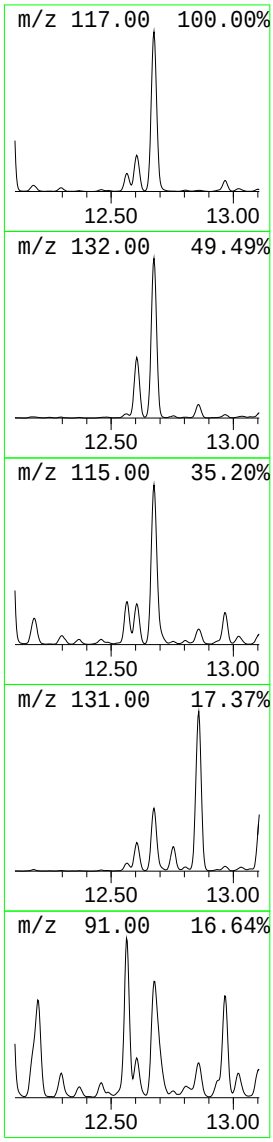
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, (1-methyl-1-propen... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	6.58 ug/L	1069320	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

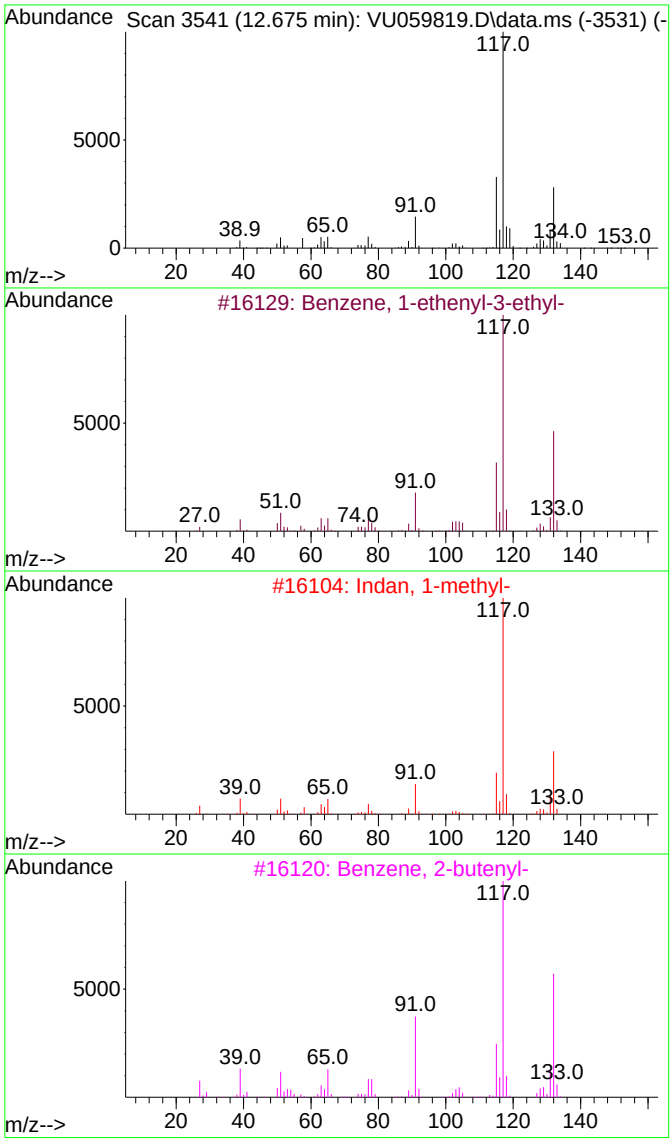
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

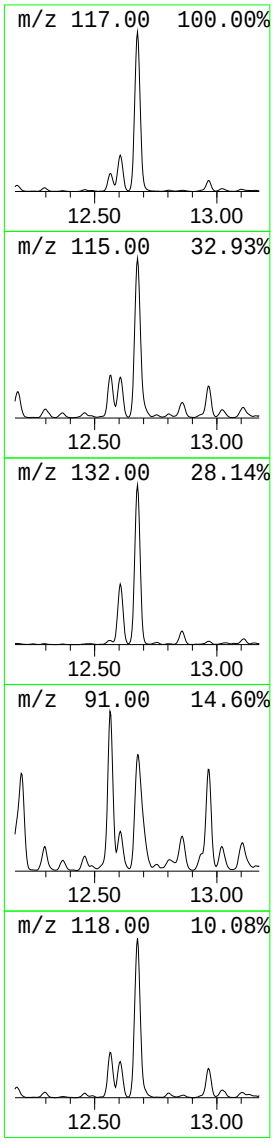
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	28.96 ug/L	4703320	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

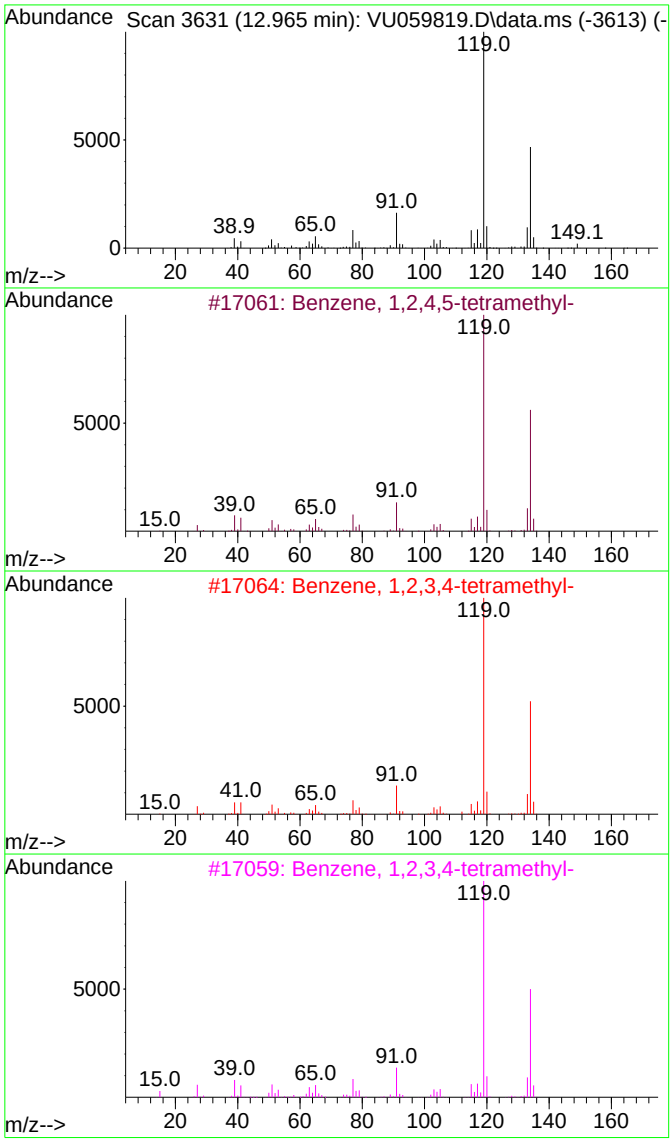
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

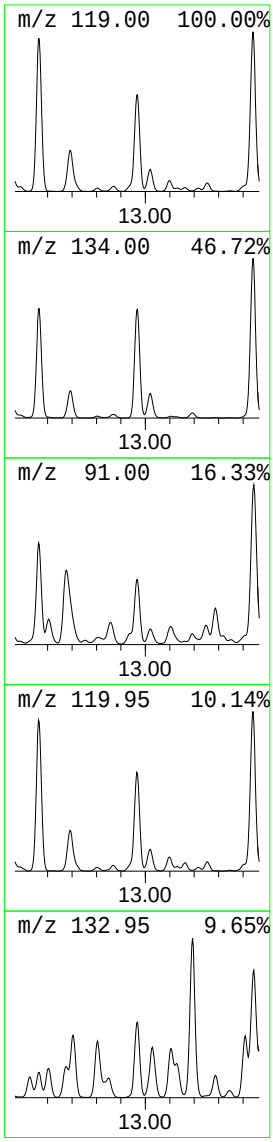
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	18.60 ug/L	3021420	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

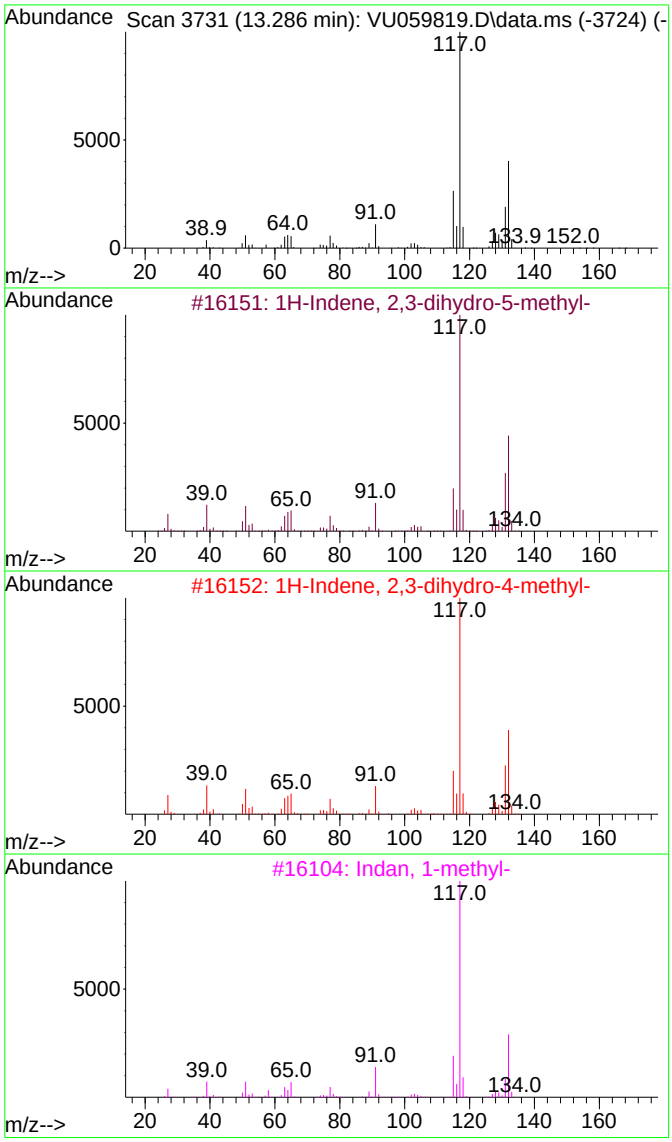
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

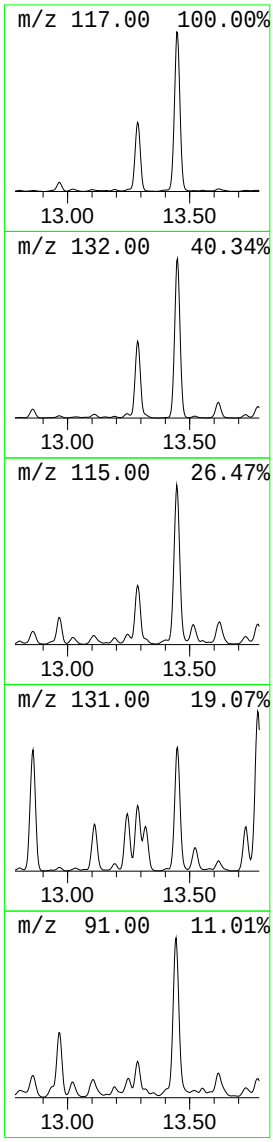
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	13.48 ug/L	2189740	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

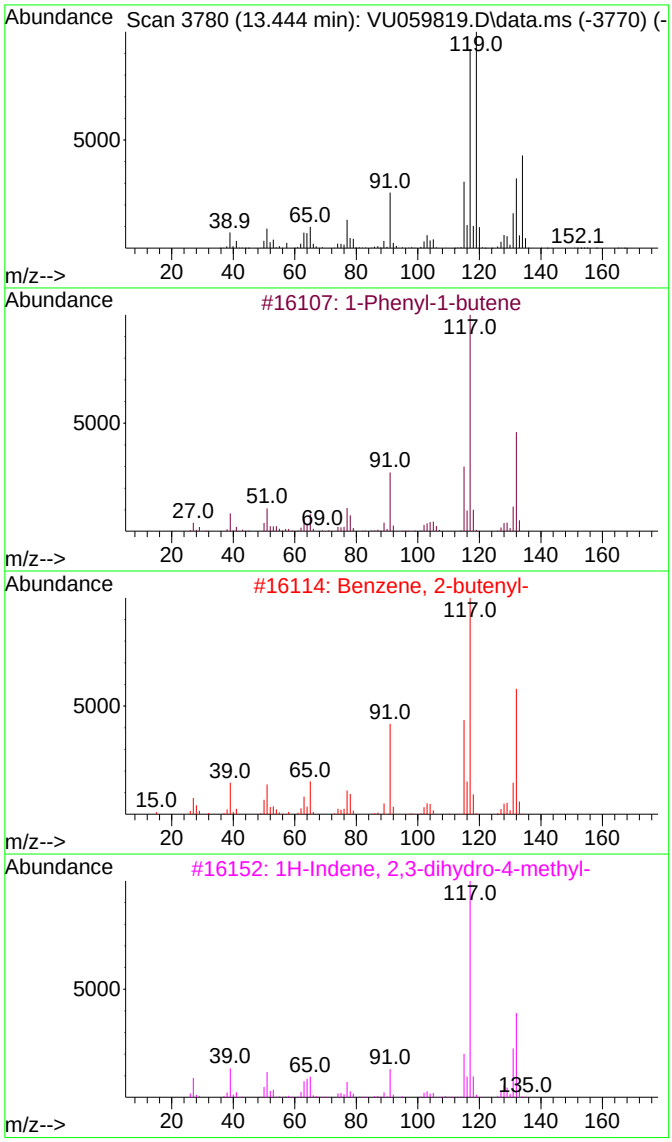
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

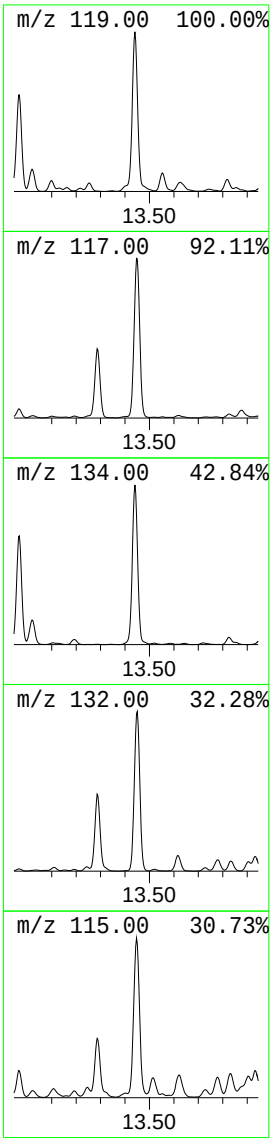
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	51.16 ug/L	8309410	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

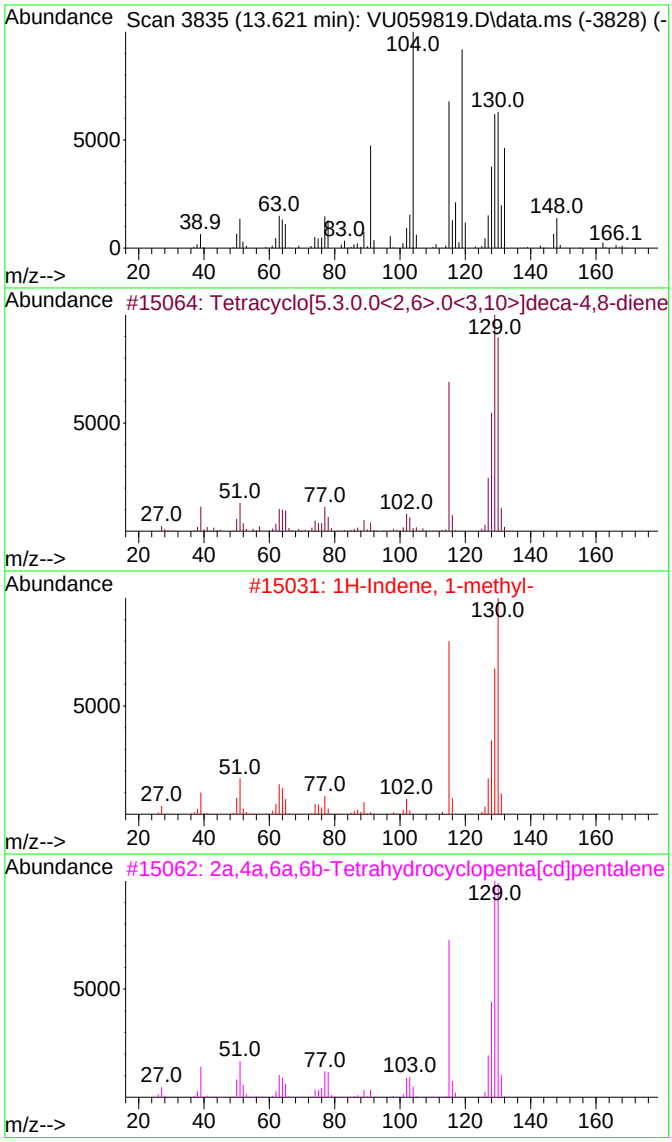
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

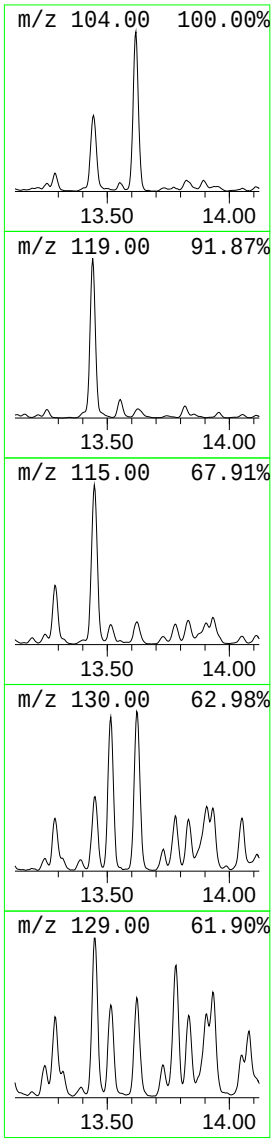
****

Peak Number 57 1H-Indene, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	7.36 ug/L	1195150	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	64
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	64
3	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	43
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	43
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	43





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

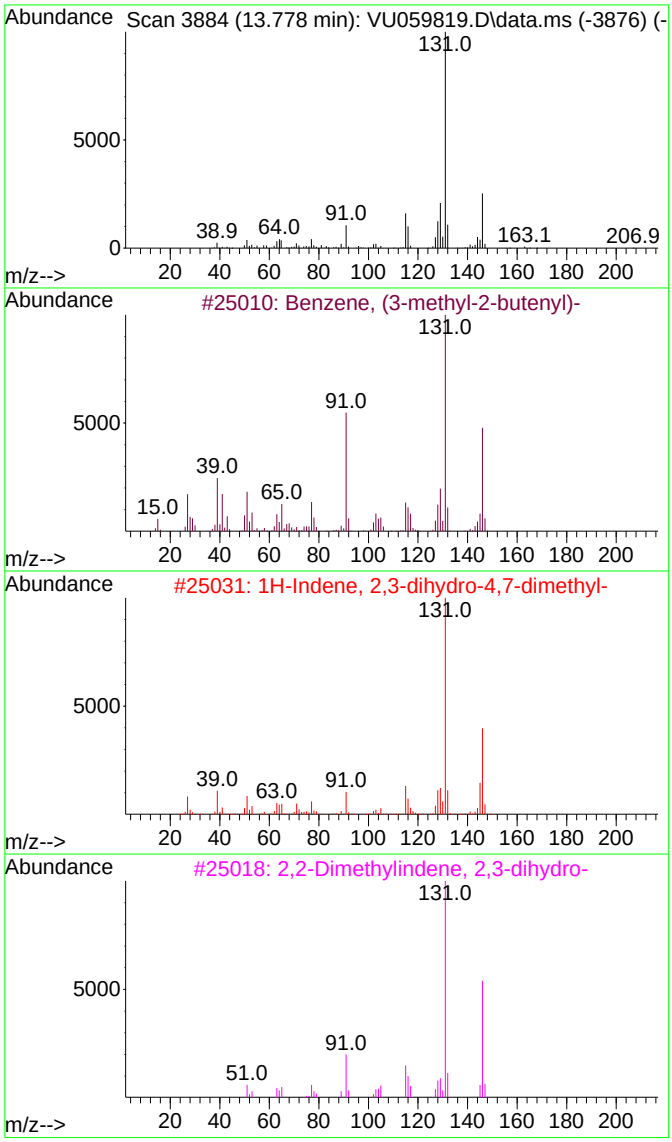
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

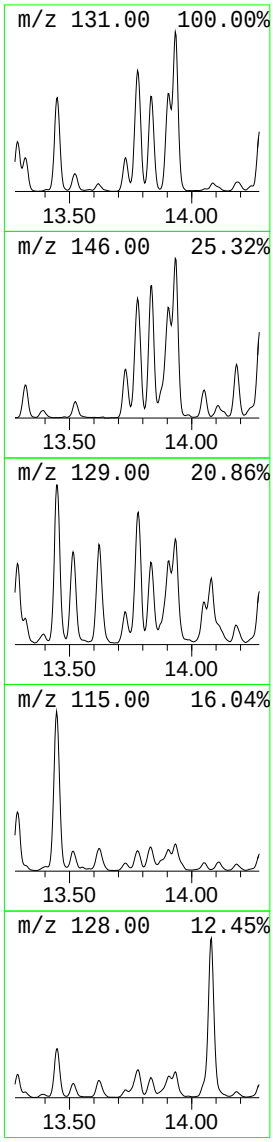
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, (3-methyl-2-butenyl)- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.778	5.19 ug/L	843769	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

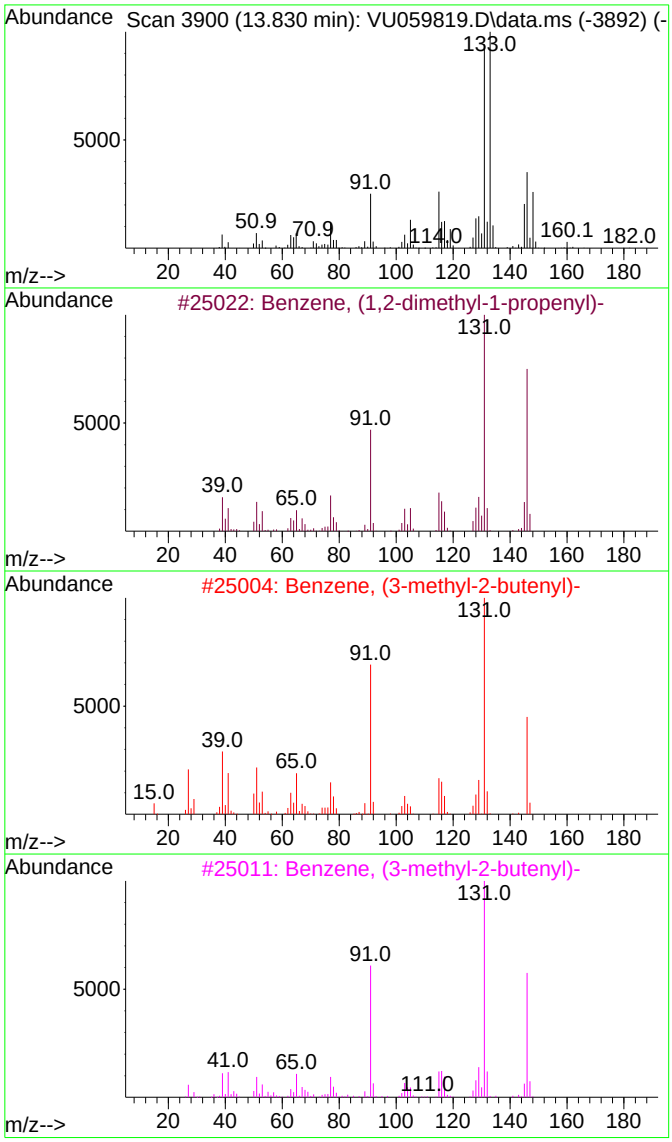
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

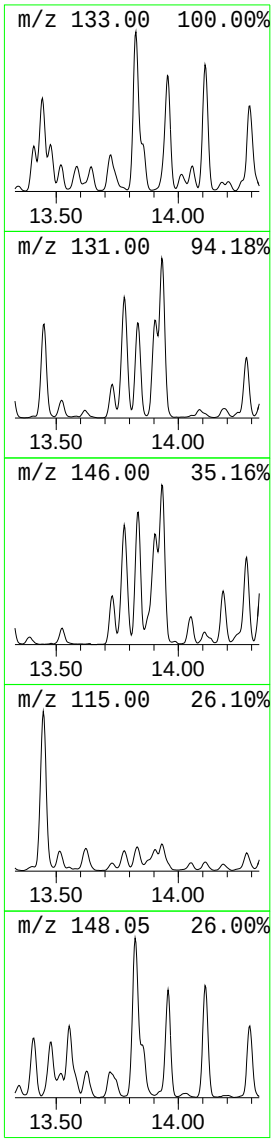
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.830	8.67 ug/L	1407990	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





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Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

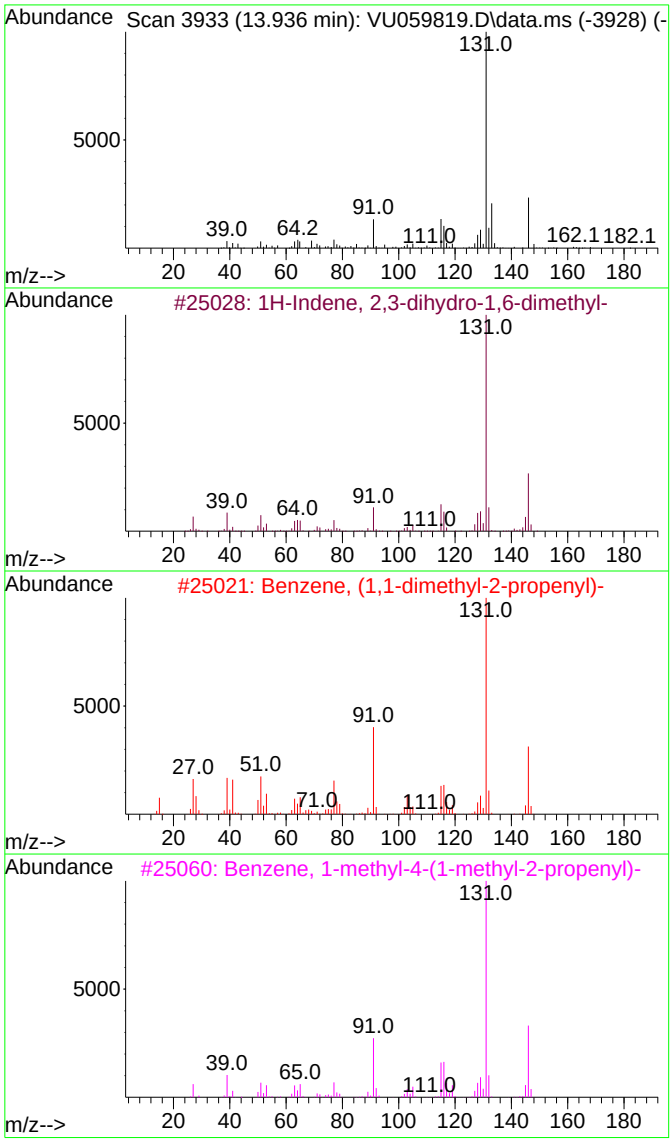
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

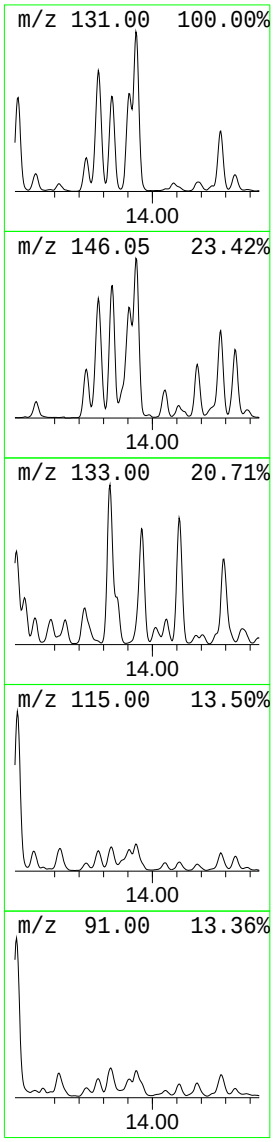
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	11.15 ug/L	1811870	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	72
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	64
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	59
5	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

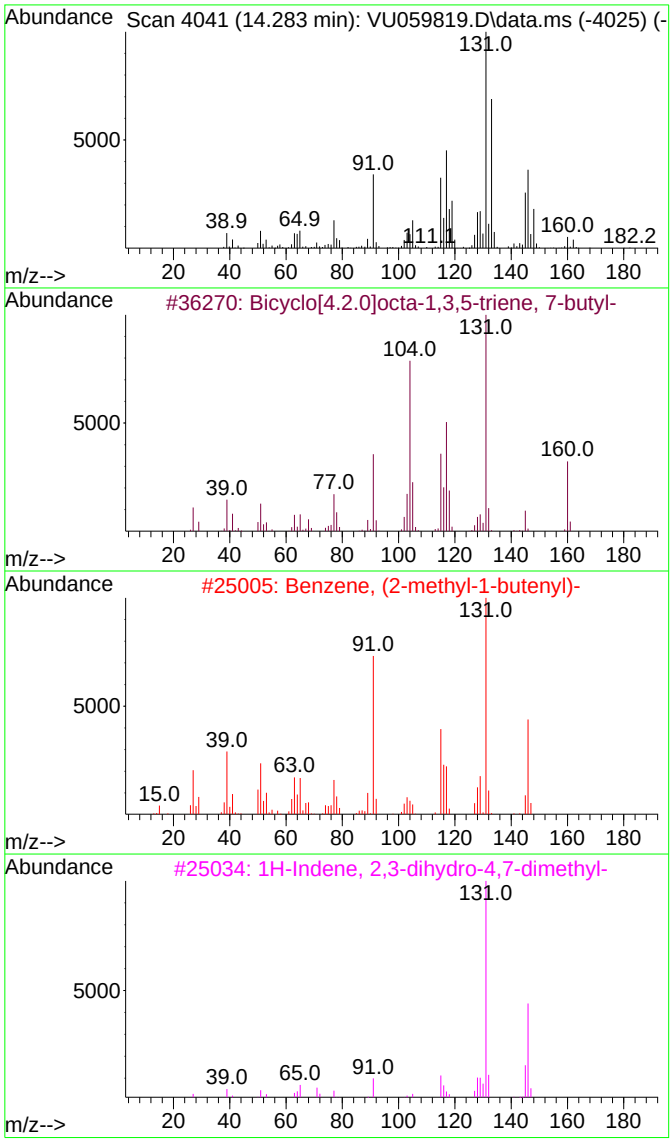
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

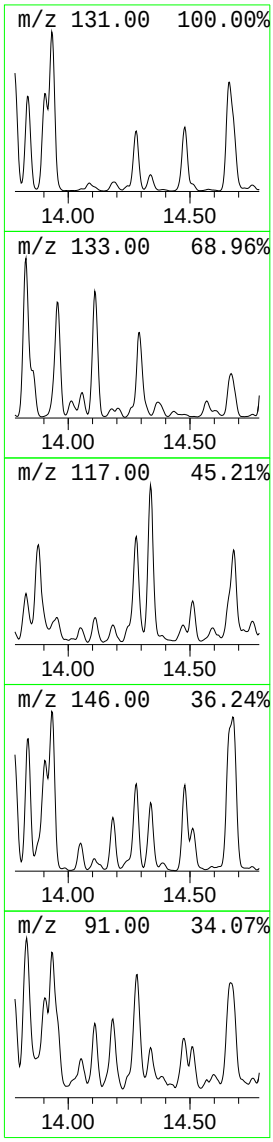
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.283	8.17 ug/L	1326810	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	55
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

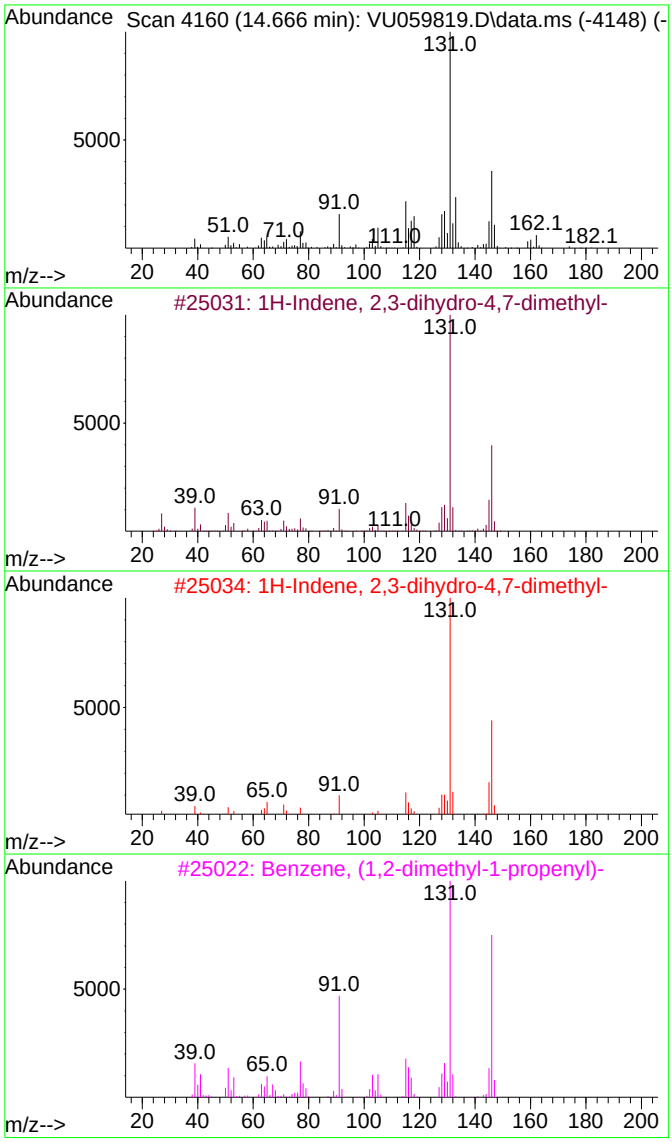
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

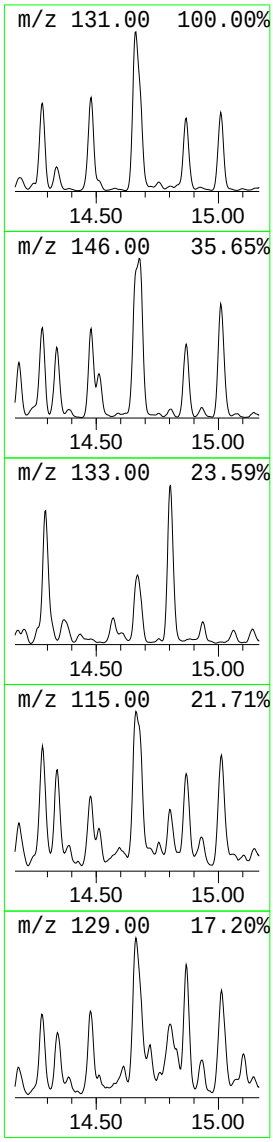
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	12.85 ug/L	2087620	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

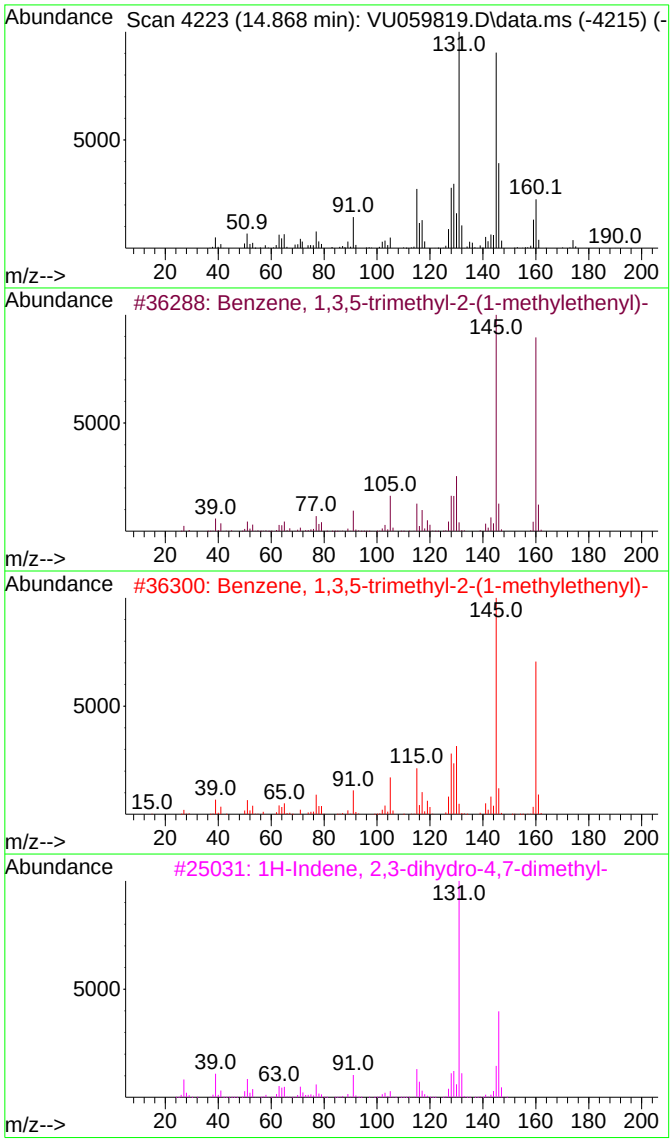
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

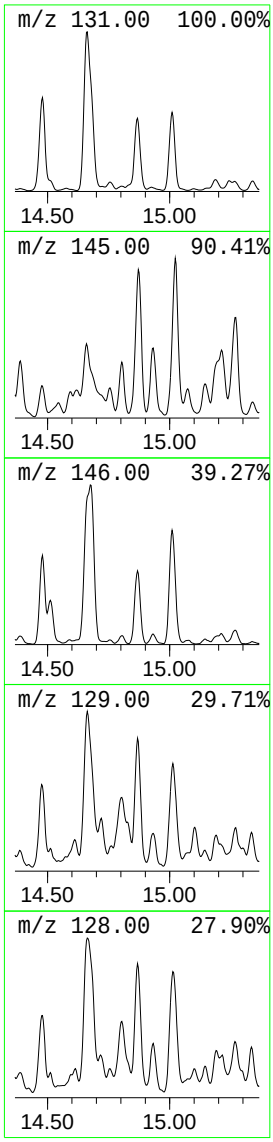
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	5.52 ug/L	895811	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

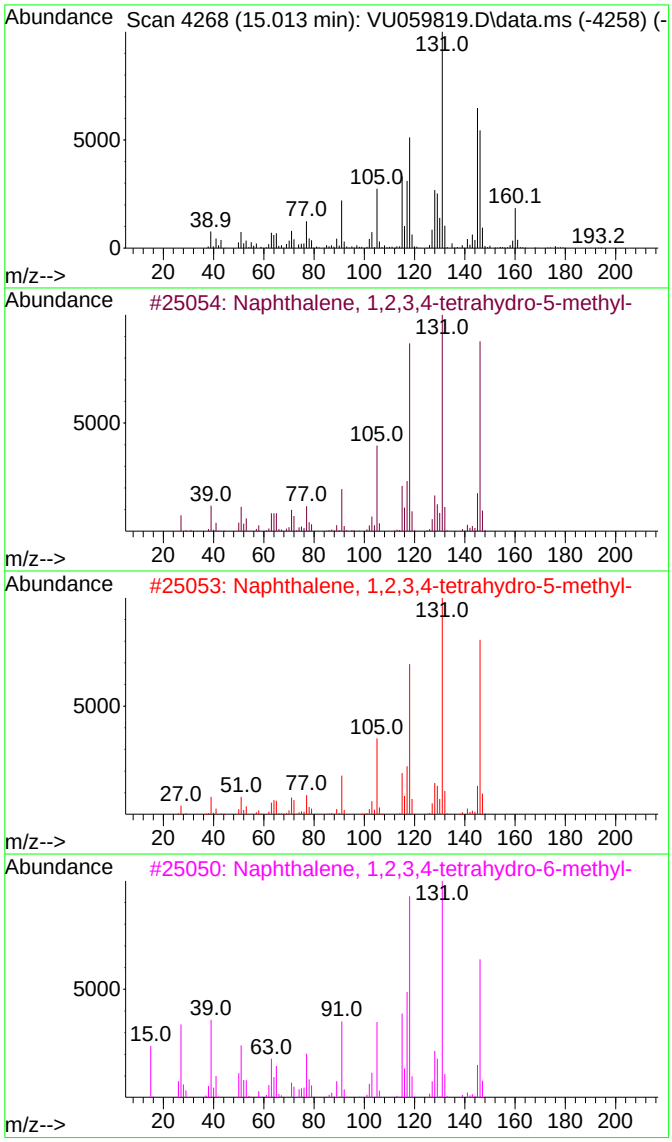
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

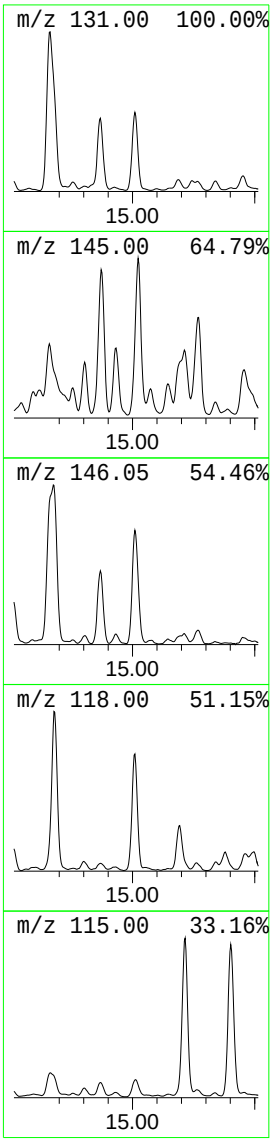
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.013	8.25 ug/L	1339830	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

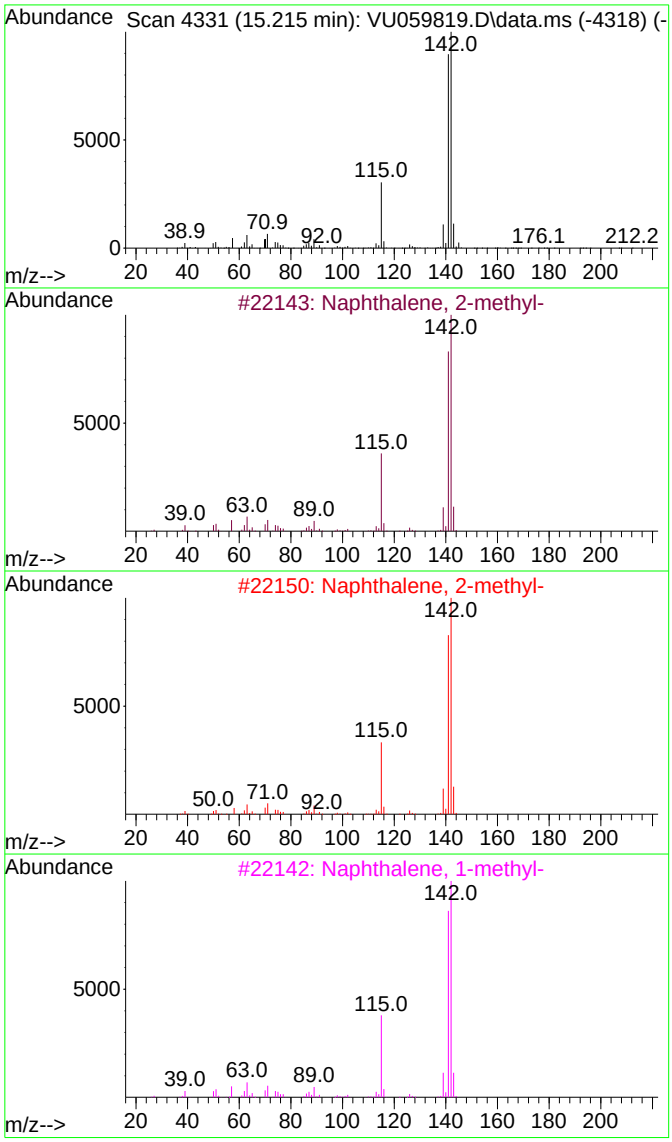
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

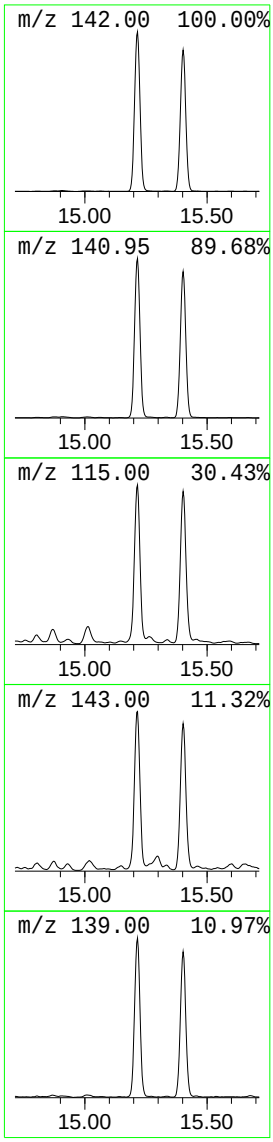
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 Naphthalene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	30.74 ug/L	4992680	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

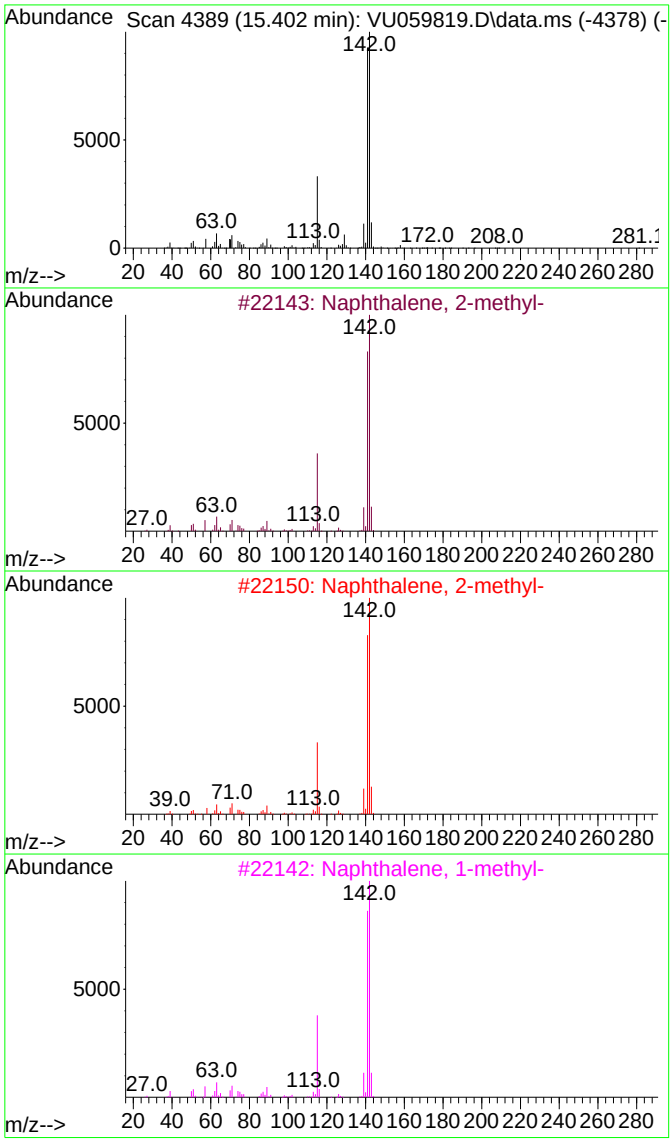
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

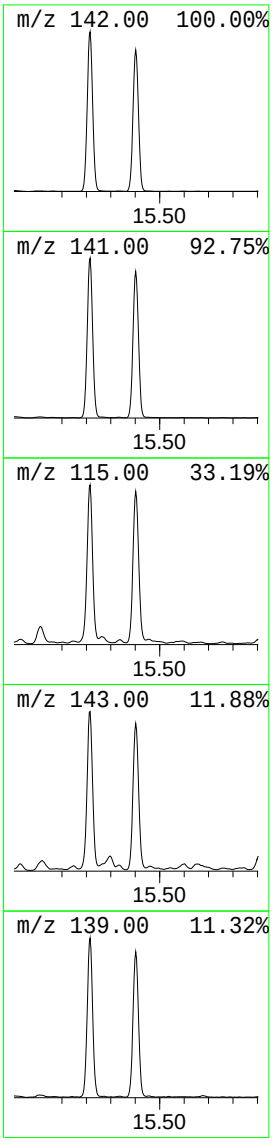
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.402	29.17 ug/L	4738500	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059819.D
Acq On : 04 Jul 2024 00:05
Operator : MD/SY
Sample : P3136-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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...	1.988	56.2	ug/L	4185900	1	6.242	372310	5.0
(DEL) Alkane: S...	2.197	31.2	ug/L	2324260	1	6.242	372310	5.0
(DEL) Alkane: S...	2.309	4.5	ug/L	337275	1	6.242	372310	5.0
(DEL) Alkane: C...	2.460	8.7	ug/L	650878	1	6.242	372310	5.0
(DEL) Alkane: S...	2.962	3.1	ug/L	234354	1	6.242	372310	5.0
Cyclopentene	3.010	24.8	ug/L	1844280	1	6.242	372310	5.0
(DEL) Alkane: S...	3.074	22.7	ug/L	1687910	1	6.242	372310	5.0
(DEL) Alkane: C...	3.129	41.1	ug/L	3063180	1	6.242	372310	5.0
(DEL) Alkane: S...	3.351	21.4	ug/L	1593640	1	6.242	372310	5.0
2-Ethyl-oxetane	3.689	12.0	ug/L	895402	1	6.242	372310	5.0
(DEL) Alkane: S...	3.968	4.4	ug/L	329080	1	6.242	372310	5.0
Cyclopentene, 3...	4.158	10.0	ug/L	745406	1	6.242	372310	5.0
Cyclopentene, 4...	4.242	5.2	ug/L	388103	1	6.242	372310	5.0
(DEL) Alkane: C...	4.521	92.2	ug/L	6862920	1	6.242	372310	5.0
(DEL) Alkane: S...	5.586	4.6	ug/L	344724	1	6.242	372310	5.0
(DEL) Alkane: S...	5.631	5.8	ug/L	435416	1	6.242	372310	5.0
(DEL) Alkane: C...	5.843	11.7	ug/L	872226	1	6.242	372310	5.0
Cyclohexene	5.885	48.1	ug/L	3578490	1	6.242	372310	5.0
(DEL) Alkane: C...	5.981	15.0	ug/L	1118840	1	6.242	372310	5.0
(DEL) Alkane: C...	6.975	5.6	ug/L	419697	1	6.242	372310	5.0
Cyclohexene, 3-...	7.155	8.8	ug/L	659032	1	6.242	372310	5.0
Cyclobutane, (1...	7.389	20.9	ug/L	1552680	1	6.242	372310	5.0
Cyclohexene, 1-...	7.753	7.8	ug/L	578332	1	6.242	372310	5.0
(DEL) Alkane: C...	8.032	2.3	ug/L	258873	2	9.412	557669	5.0
(DEL) Alkane: C...	8.235	3.4	ug/L	376873	2	9.412	557669	5.0
(DEL) Alkane: C...	8.360	2.3	ug/L	251497	2	9.412	557669	5.0
Cyclopentene, 1...	8.405	5.6	ug/L	626025	2	9.412	557669	5.0
(DEL) Alkane: C...	8.862	3.4	ug/L	378424	2	9.412	557669	5.0
Benzene, propyl-	10.897	16.3	ug/L	2641210	3	11.807	812155	5.0
Benzene, 1-ethy...	11.016	12.8	ug/L	2085070	3	11.807	812155	5.0
Benzene, 1-ethy...	11.286	10.6	ug/L	1728030	3	11.807	812155	5.0
Benzene, 1,2,3-...	11.888	10.1	ug/L	1638770	3	11.807	812155	5.0
Indane	12.087	46.9	ug/L	7622580	3	11.807	812155	5.0
o-Cymene	12.563	23.0	ug/L	3739800	3	11.807	812155	5.0
Benzene, (1-met...	12.605	6.6	ug/L	1069320	3	11.807	812155	5.0
Benzene, 1-ethe...	12.675	29.0	ug/L	4703320	3	11.807	812155	5.0
Benzene, 1,2,4,...	12.965	18.6	ug/L	3021420	3	11.807	812155	5.0
1H-Indene, 2,3-...	13.286	13.5	ug/L	2189740	3	11.807	812155	5.0
1-Phenyl-1-butene	13.444	51.2	ug/L	8309410	3	11.807	812155	5.0
1H-Indene, 1-me...	13.621	7.4	ug/L	1195150	3	11.807	812155	5.0
Benzene, (3-met...	13.778	5.2	ug/L	843769	3	11.807	812155	5.0
Benzene, (1,2-d...	13.830	8.7	ug/L	1407990	3	11.807	812155	5.0
1H-Indene, 2,3-...	13.936	11.2	ug/L	1811870	3	11.807	812155	5.0
Bicyclo[4.2.0]o...	14.283	8.2	ug/L	1326810	3	11.807	812155	5.0
1H-Indene, 2,3-...	14.666	12.9	ug/L	2087620	3	11.807	812155	5.0
Benzene, 1,3,5-...	14.868	5.5	ug/L	895811	3	11.807	812155	5.0
Naphthalene, 1,...	15.013	8.3	ug/L	1339830	3	11.807	812155	5.0
Naphthalene, 2-...	15.215	30.7	ug/L	4992680	3	11.807	812155	5.0
Naphthalene, 1-...	15.402	29.2	ug/L	4738500	3	11.807	812155	5.0