LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

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\SFAMUTR111822WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	72	80	91	rBV	143549	175743	15.17%	0.693%
2	1.912	168	178	192	rBV	99244	144801	12.50%	0.571%
3	1.993	192	203	221	rVB	270498	380542	32.86%	1.500%
4	2.202	258	268	284	rVB	73629	108731	9.39%	0.429%
5	2.568	370	382	412	rBV2	200129	422026	36.44%	1.664%
6	3.041	515	529	535	rBV	157682	322451	27.84%	1.271%
7	3.083	537	542	553	rVB2	154143	261206	22.55%	1.030%
8	3.359	610	628	651	rBV	367292	822441	71.01%	3.243%
9	3.700	718	734	754	rVB2	57059	126732	10.94%	0.500%
10	3.835	760	776	778	rBV5	9809	17646	1.52%	0.070%
11	3.977	807	820	840	rVB2	27600	66184	5.71%	0.261%
12	4.089	840	855	870	rBV3	31393	79214	6.84%	0.312%
13	4.334	902	931	939	rBV6	29143	86059	7.43%	0.339%
14	4.530	975	992	1007	rBV2	230767	557428	48.13%	2.198%
15	4.617	1008	1019	1043	rVB	161492	394473	34.06%	1.555%
16	4.999	1117	1138	1145	rBV7	22147	63586	5.49%	0.251%
17	5.060	1145	1157	1168	rVV2	157002	348329	30.08%	1.373%
18	5.125	1169	1177	1192	rVB5	77468	169228	14.61%	0.667%
19	5.298	1207	1231	1242	rBV4	24696	73274	6.33%	0.289%
20	5.388	1242	1259	1272	rBV	388802	922643	79.67%	3.638%
21	5.459	1273	1281	1306	rVB4	100317	292376	25.25%	1.153%
22	5.636	1309	1336	1347	rBV4	151607	416710	35.98%	1.643%
23	5.723	1347	1363	1376	rBV2	337535	834968	72.10%	3.292%
24	5.848	1390	1402	1413	rBV	222492	443029	38.25%	1.747%
25	5.919	1413	1424	1433	rVV	187344	400733	34.60%	1.580%
26	5.983	1434	1444	1477	rVB4	186726	510326	44.06%	2.012%
27	6.131	1477	1490	1503	rBV3	26756	57998	5.01%	0.229%
28	6.247	1512	1526	1535	rBV	302435	588080	50.78%	2.319%
29	6.401	1563	1574	1584	rVB3	27400	50677	4.38%	0.200%
30	6.462	1584	1593	1606	rVV	39778	67814	5.86%	0.267%
31	6.555	1609	1622	1639	rVB3	141712	310133	26.78%	1.223%
32	6.687	1650	1663	1672	rBV	212757	424110	36.62%	1.672%
33	6.761	1672	1686	1702	rVB2	512709	1158128	100.00%	4.566%
34	6.874	1714	1721	1732	rVB5	9665	17436	1.51%	0.069%
35	6.980	1742	1754	1766	rBV4	40390	90786	7.84%	0.358%
36	7.070	1776	1782	1792	rVB2	23006	38892	3.36%	0.153%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

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\SFAMUTR111822WMA.M
Title : TRACE VOA SFAM1.0

37	7.160	1793	1810	1826	rVV7	58394	192293	16.60%	0.758%
38	7.234	1827	1833	1855	rVB5	32162	75253	6.50%	0.297%
39	7.395	1868	1883	1892	rBV2	102915	198200	17.11%	0.781%
40	7.565	1916	1936	1960	rVB	115910	287788	24.85%	1.135%
41	7.758	1969	1996	2013	rVB5	70041	172719	14.91%	0.681%
42	7.858	2013	2027	2030	rBV3	99633	154090	13.31%	0.608%
43	7.896	2031	2039	2052	rVB	431923	755868	65.27%	2.980%
44	8.038	2071	2083	2091	rBV2	38613	78483	6.78%	0.309%
45	8.176	2112	2126	2137	rVB2	72394	179483	15.50%	0.708%
46	8.243	2137	2147	2165	rVB4	57803	131395	11.35%	0.518%
47	8.366	2166	2185	2190	rBV3	29903	66238	5.72%	0.261%
48	8.411	2190	2199	2224	rVB	145450	272545	23.53%	1.075%
49	8.552	2233	2243	2250	rBV3	20127	33892	2.93%	0.134%
50	8.629	2250	2267	2284	rVV	504383	948881	81.93%	3.741%
51	8.703	2286	2290	2297	rVV2	38769	61278	5.29%	0.242%
52	8.742	2297	2302	2309	rVB2	29670	39791	3.44%	0.157%
53	8.883	2332	2346	2355	rBV6	41013	91518	7.90%	0.361%
54	9.076	2392	2406	2418	rBV4	35143	65508	5.66%	0.258%
55	9.189	2425	2441	2453	rBV8	14936	37904	3.27%	0.149%
56	9.327	2472	2484	2498	rVB7	26018	46804	4.04%	0.185%
57	9.414	2498	2511	2527	rBV	414509	734114	63.39%	2.895%
58	9.510	2536	2541	2553	rVB5	35115	64312	5.55%	0.254%
59	9.571	2553	2560	2577	rVB3	11876	28860	2.49%	0.114%
60	9.693	2586	2598	2613	rVB4	49202	98882	8.54%	0.390%
61	10.481	2832	2843	2853	rBV	127462	199985	17.27%	0.789%
62	10.755	2917	2928	2940	rBV	179552	286200	24.71%	1.128%
63	10.902	2964	2974	2991	rBV	156232	246892	21.32%	0.973%
64	11.021	2996	3011	3020	rVV	25513	51014	4.40%	0.201%
65	11.086	3020	3031	3045	rVB	130727	200412	17.30%	0.790%
66	11.288	3081	3094	3113	rBV	103321	172288	14.88%	0.679%
67	11.465	3139	3149	3163	rVB	119496	188602	16.29%	0.744%
68	11.610	3182	3194	3197	rBV	41123	60583	5.23%	0.239%
69	11.642	3197	3204	3216	rVB	78813	127178	10.98%	0.501%
70	11.742	3224	3235	3244	rBV	33424	50236	4.34%	0.198%
71	11.809	3244	3256	3271	rVV	402321	640728	55.32%	2.526%
72	11.893	3272	3282	3299	rVB	27502	49346	4.26%	0.195%
73	12.005	3307	3317	3327	rBV	29484	45611	3.94%	0.180%
74	12.095	3327	3345	3361	rVV2	273854	452438	39.07%	1.784%
75	12.189	3362	3374	3397	rVV2	530708	932929	80.55%	3.679%
76	12.301	3400	3409	3421	rVV2	23870	38074	3.29%	0.150%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

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\SFAMUTR111822WMA.M
Title : TRACE VOA SFAM1.0

77	12.372	3422	3431	3443	rVB	40562	60555	5.23%	0.239%
78	12.462	3448	3459	3479	rBV	128008	215017	18.57%	0.848%
79	12.568	3479	3492	3499	rBV	368985	560772	48.42%	2.211%
80	12.610	3499	3505	3515	rVV	157413	244651	21.12%	0.965%
81	12.677	3515	3526	3545	rVV2	635136	1110715	95.91%	4.380%
82	12.861	3573	3583	3600	rVB2	29854	53102	4.59%	0.209%
83	12.970	3600	3617	3626	rBV	192281	304536	26.30%	1.201%
84	13.021	3626	3633	3648	rVB	127368	203415	17.56%	0.802%
85	13.111	3649	3661	3681	rBV4	40831	92375	7.98%	0.364%
86	13.246	3694	3703	3708	rBV2	37618	54272	4.69%	0.214%
87	13.291	3708	3717	3742	rVB	321139	554871	47.91%	2.188%
88	13.452	3756	3767	3781	rVB2	669499	1063238	91.81%	4.192%
89	13.520	3781	3788	3796	rVB3	26553	37953	3.28%	0.150%
90	13.626	3813	3821	3841	rVB5	15572	29297	2.53%	0.116%
91	13.732	3841	3854	3860	rBV3	31629	52541	4.54%	0.207%
92	13.783	3860	3870	3878	rVV2	104691	191230	16.51%	0.754%
93	13.838	3878	3887	3898	rVV3	71539	156697	13.53%	0.618%
94	13.909	3902	3909	3912	rVV2	70286	106906	9.23%	0.422%
95	13.938	3912	3918	3936	rVB2	138870	243447	21.02%	0.960%
96	14.285	4016	4026	4035	rBV5	26803	45282	3.91%	0.179%
97	14.343	4035	4044	4054	rVB3	24149	39773	3.43%	0.157%
98	14.481	4075	4087	4104	rBV3	34983	58208	5.03%	0.230%
99	14.668	4134	4145	4159	rBV4	22144	52248	4.51%	0.206%
100	14.873	4201	4209	4220	rVB3	17259	26949	2.33%	0.106%

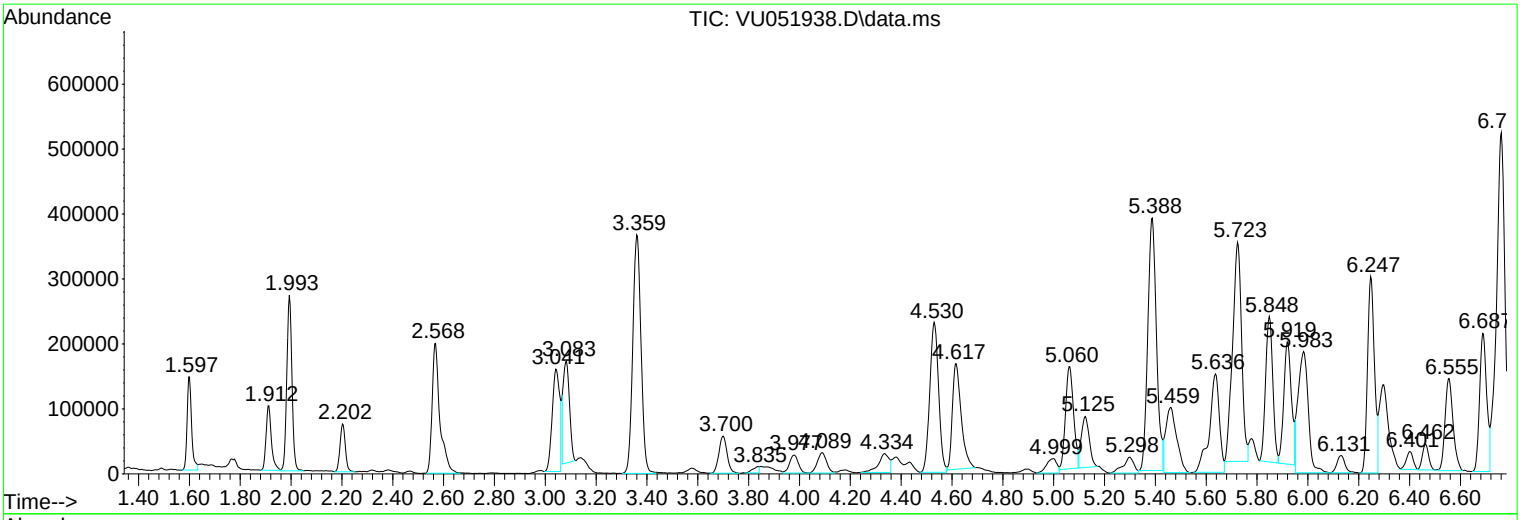
Sum of corrected areas: 25361598

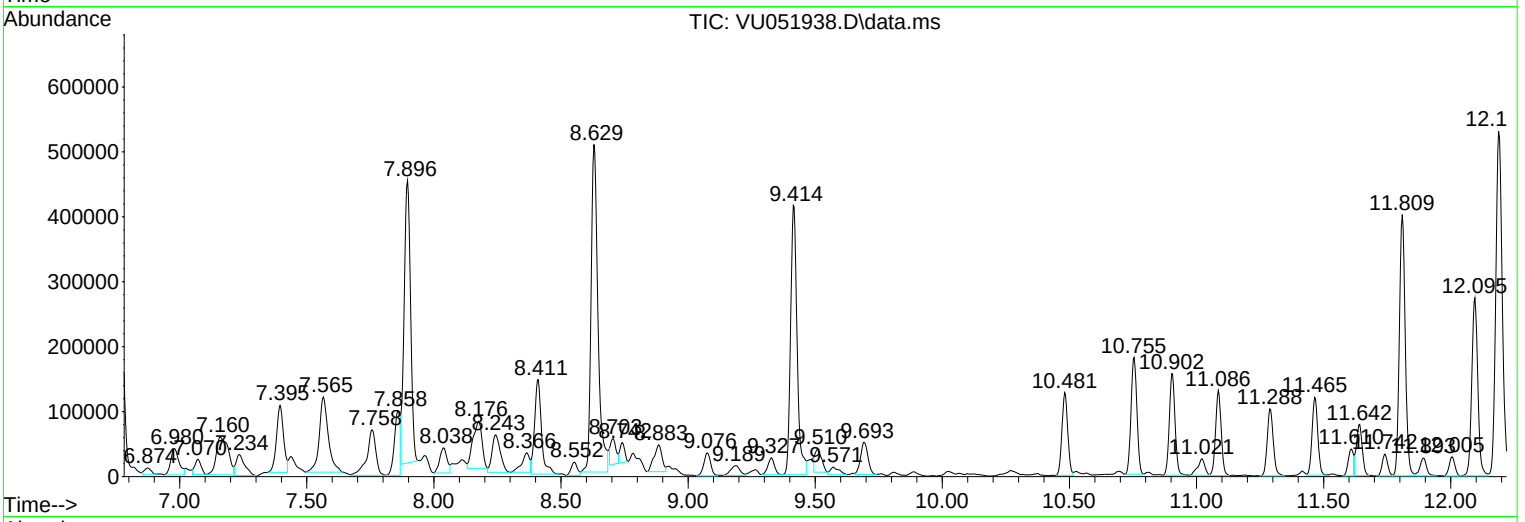
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

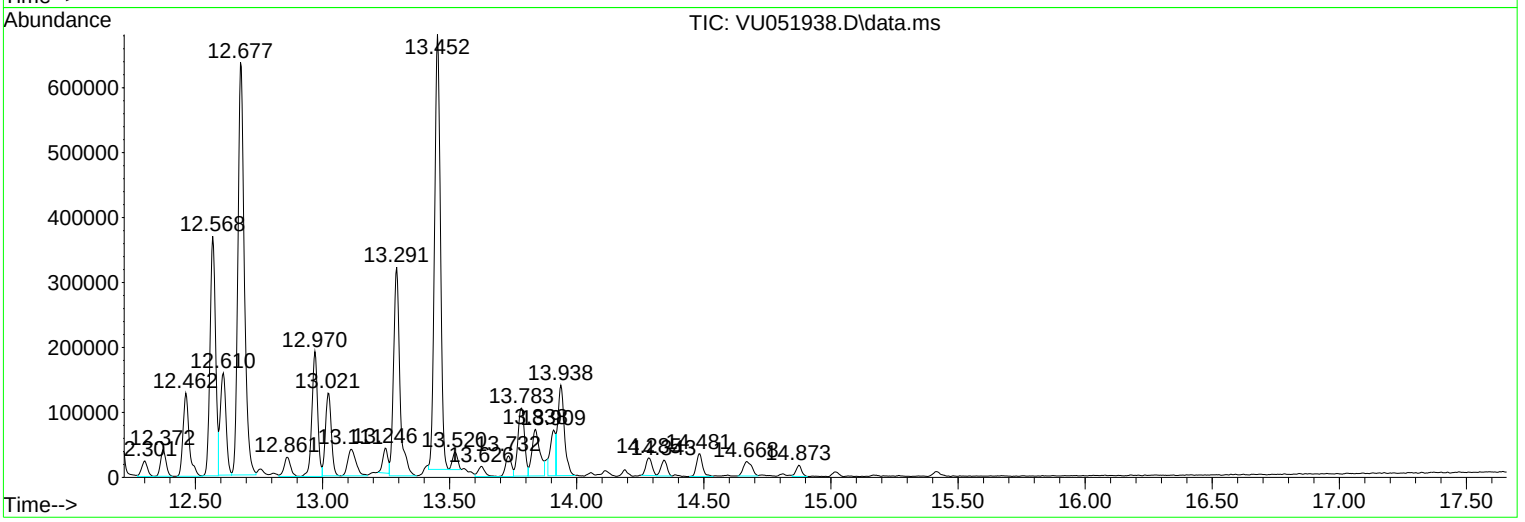
Instrument :
MSVOA_U
ClientSampleId :
EW707

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.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\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

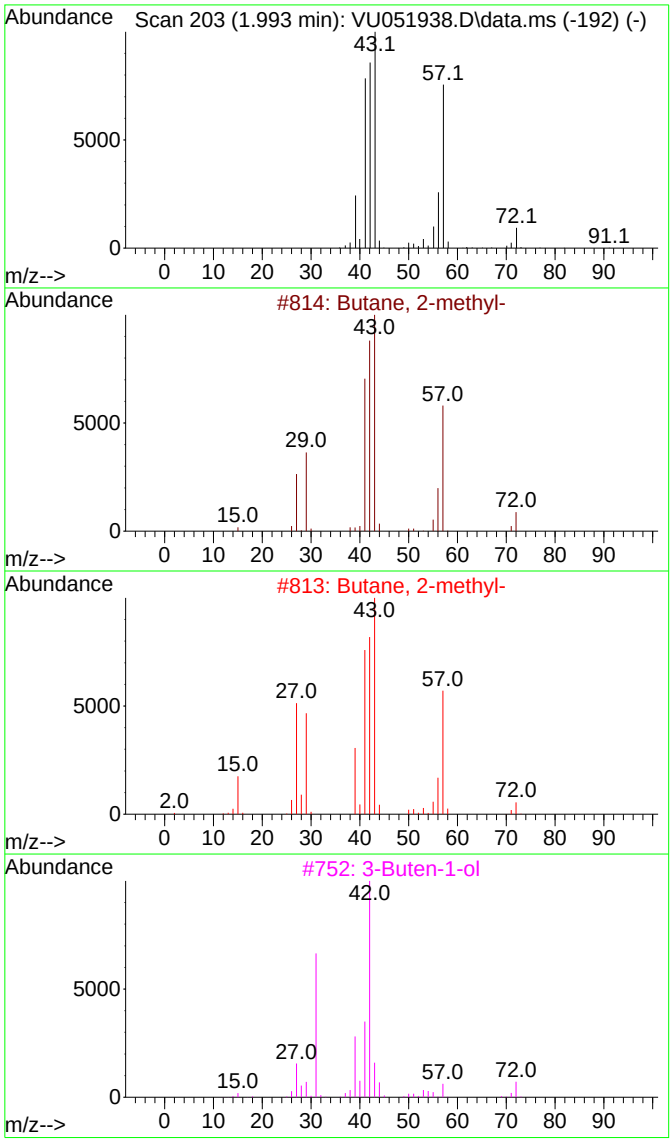
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

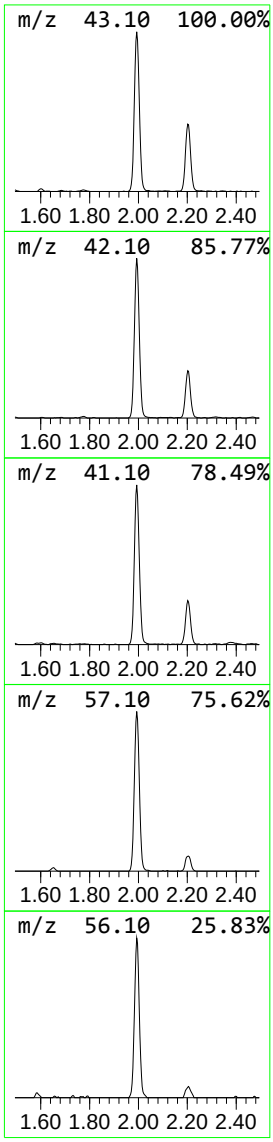
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.993	3.24 ug/L	380542	1,4-Difluorobenzene	6.247

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	80
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	Pentane	72	C5H12	000109-66-0	28
5	Butanenitrile, 2-hydroxy-3-methyl-	99	C5H9NO	010021-64-4	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

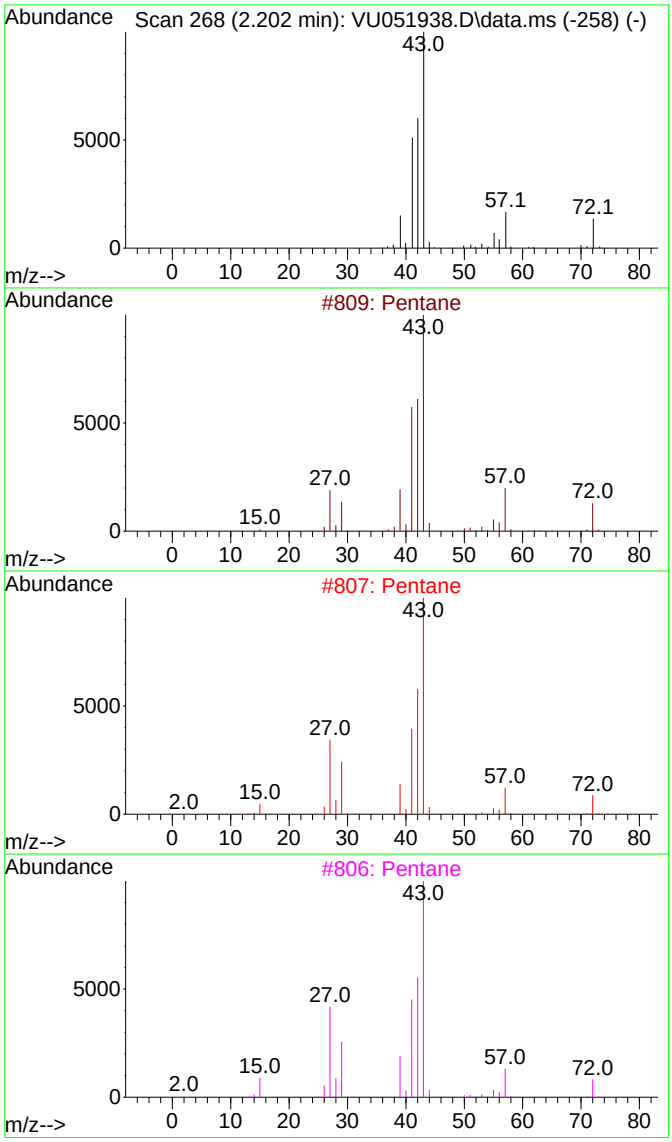
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

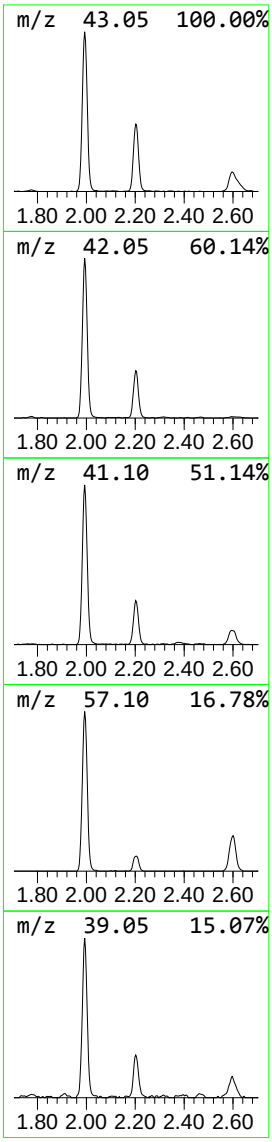
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.202	0.92 ug/L	108731	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

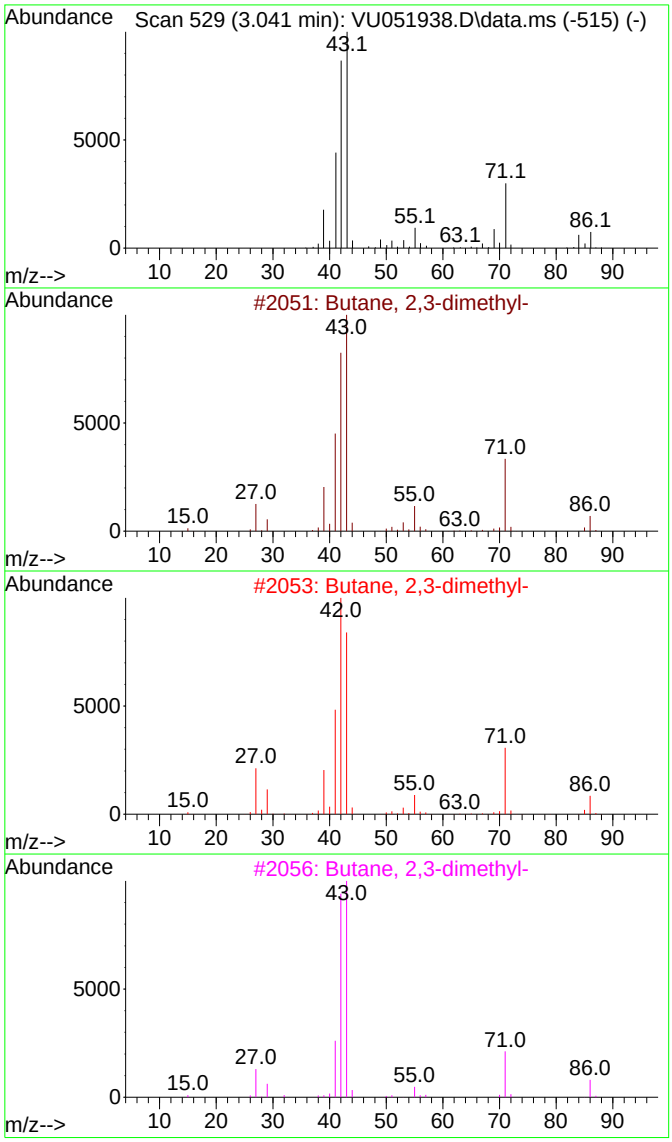
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

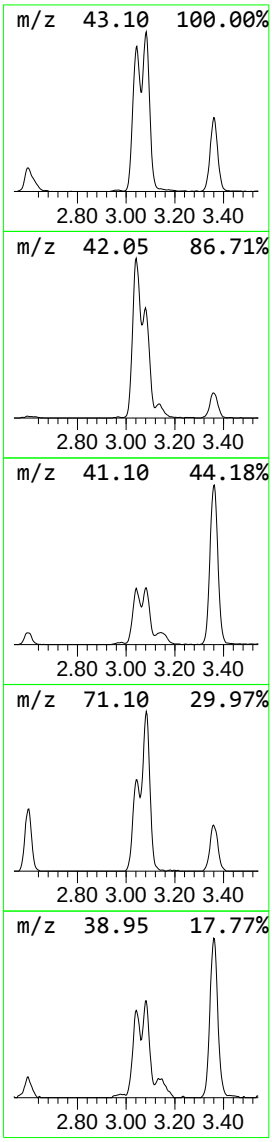
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.041	2.74 ug/L	322451	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

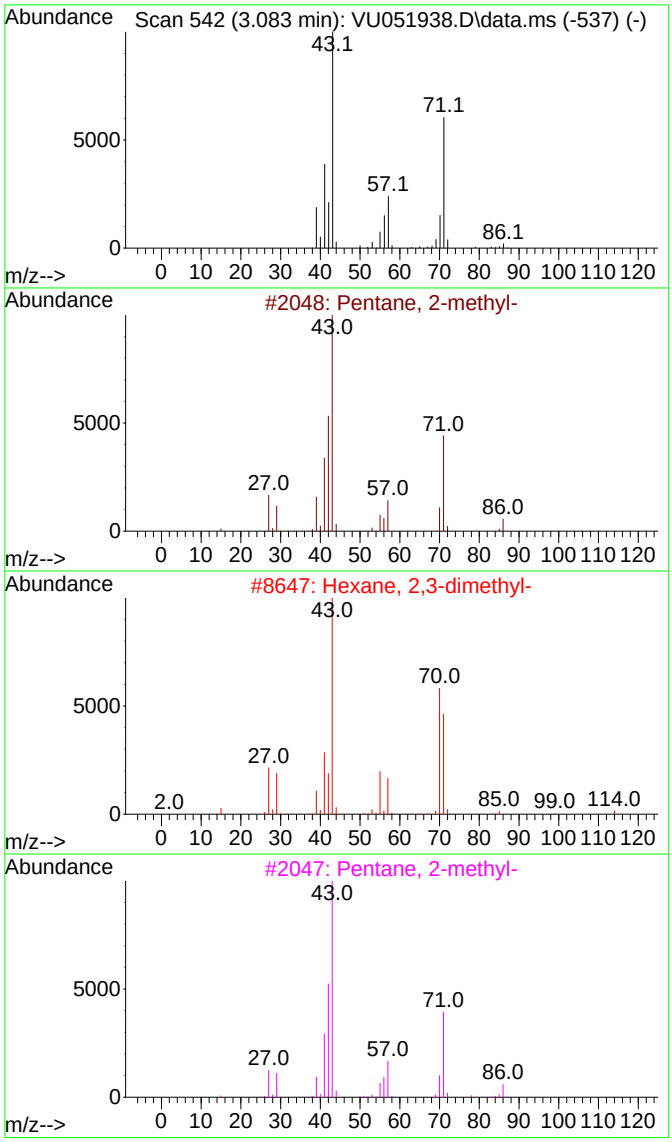
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

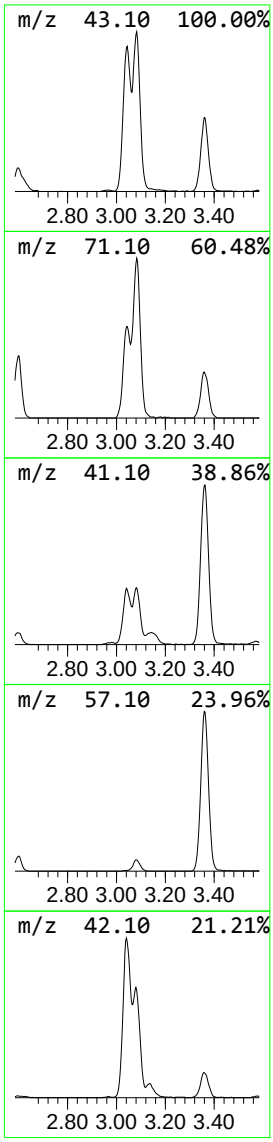
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	2.22 ug/L	261206	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	45
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

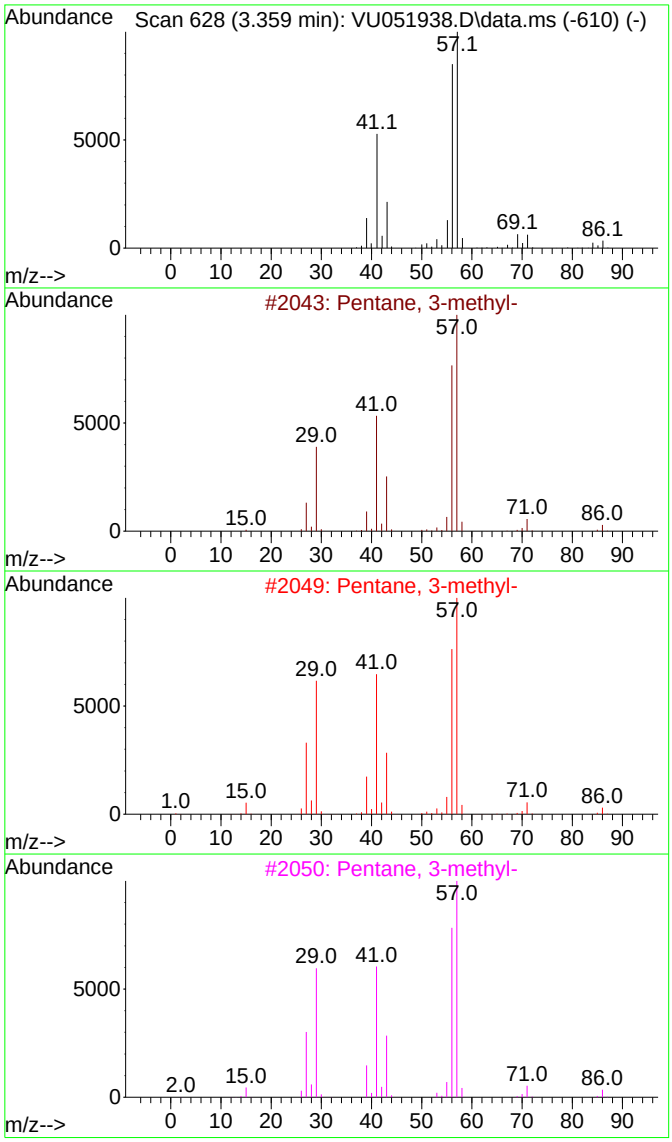
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

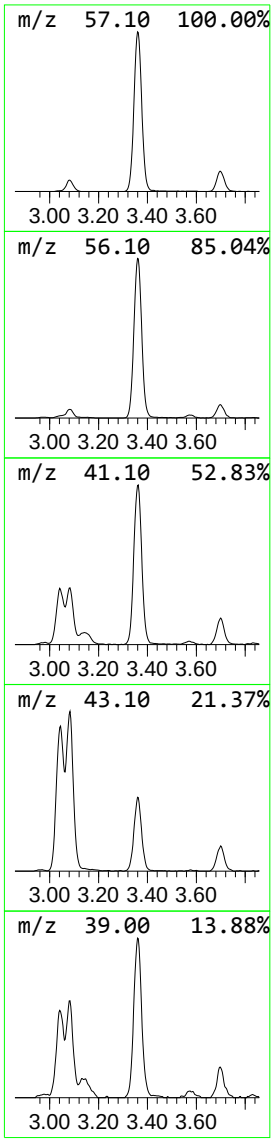
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.359	6.99 ug/L	822441	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

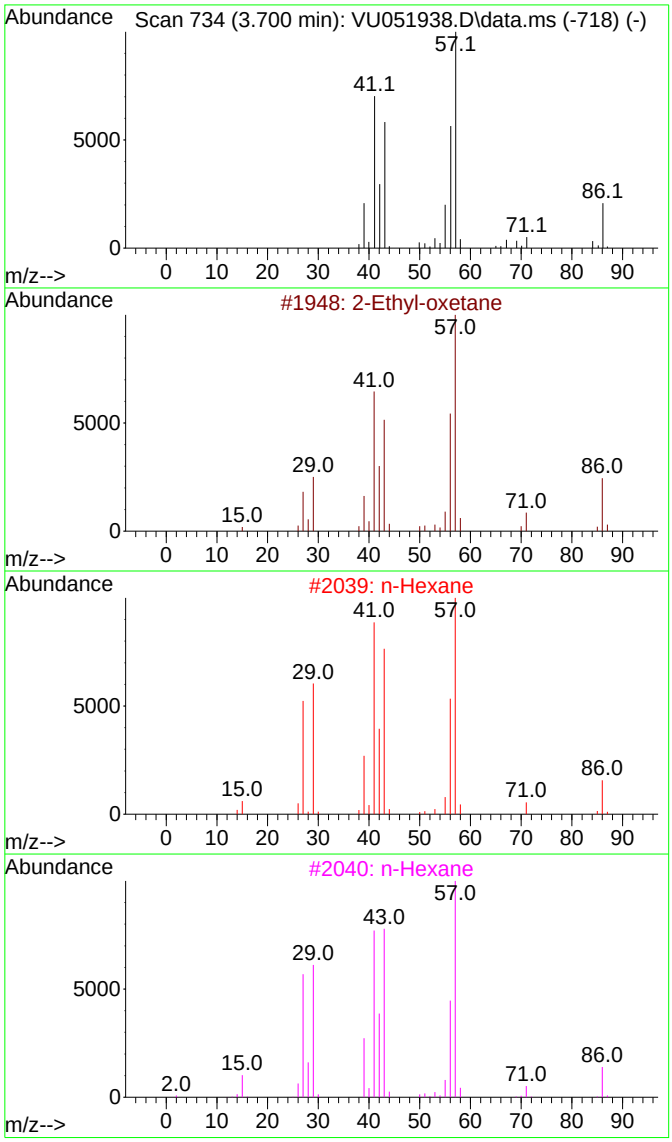
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

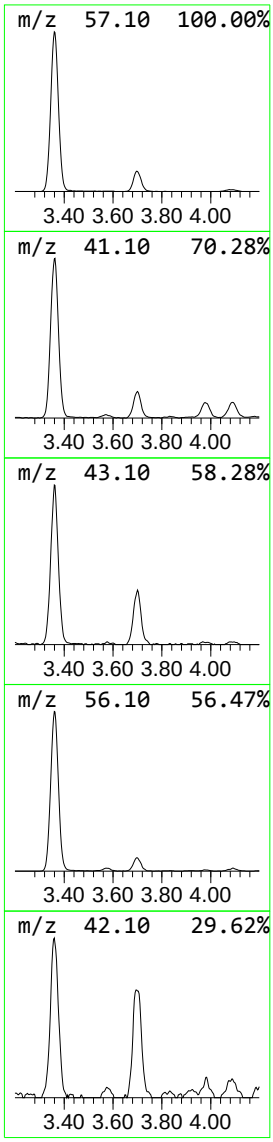
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Ethyl-oxetane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.700	1.08 ug/L	126732	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	50
4	n-Hexane	86	C6H14	000110-54-3	50
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

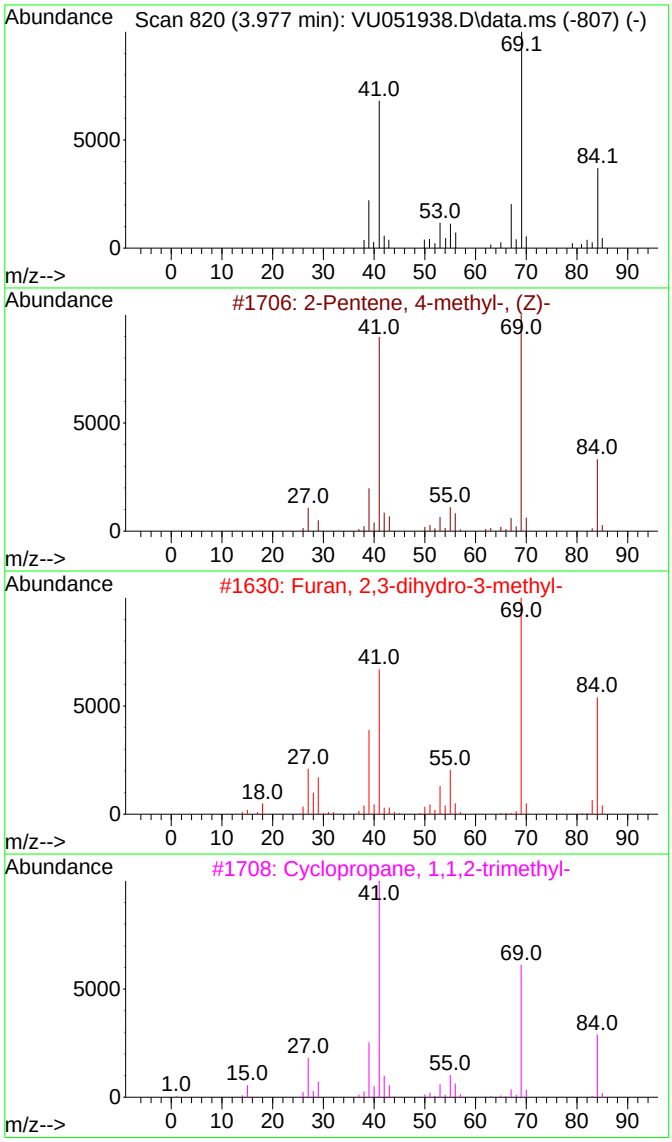
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

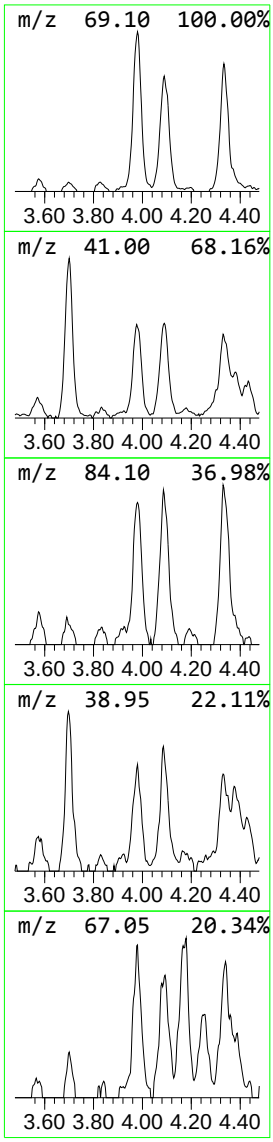
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.977	0.56 ug/L	66184	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	80
2	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	74
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	72
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	72
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

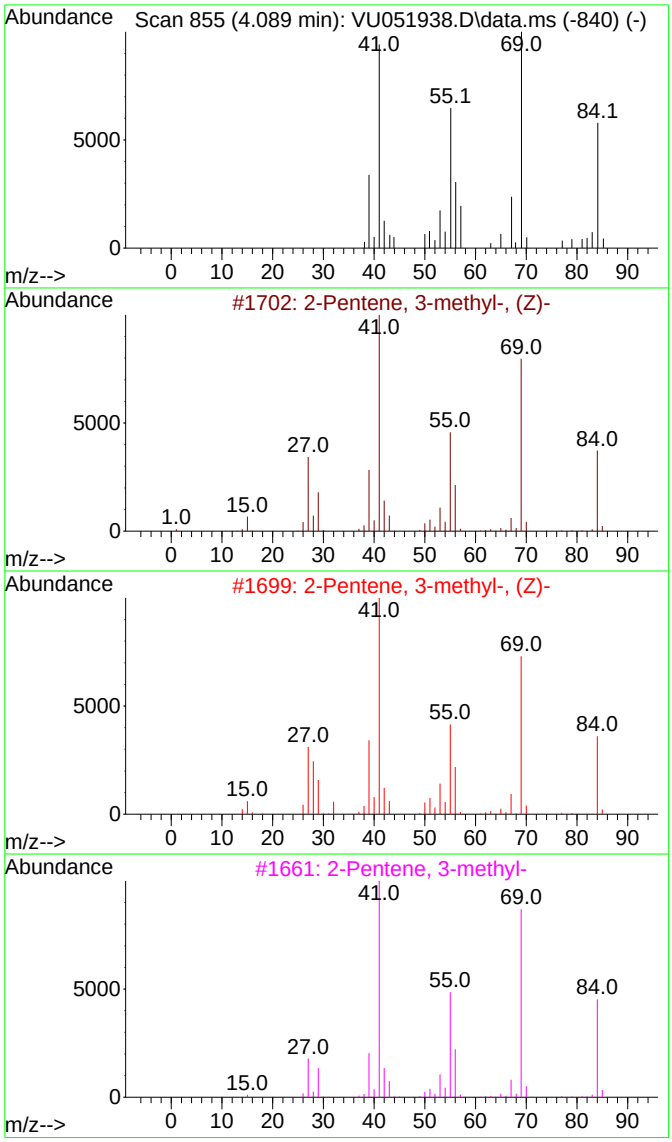
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

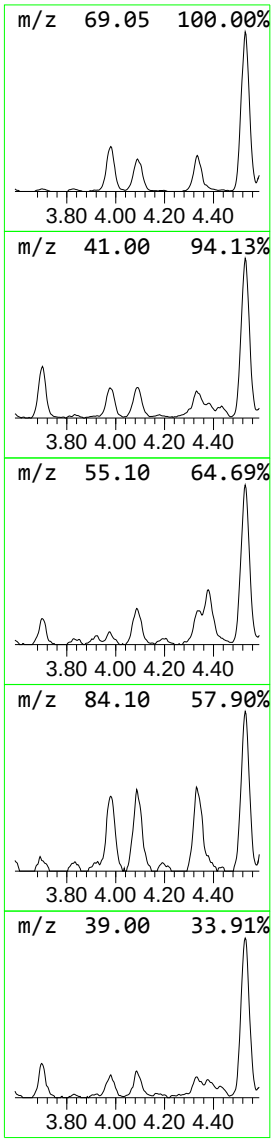
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.089	0.67 ug/L	79214	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	90
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	90
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	90
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

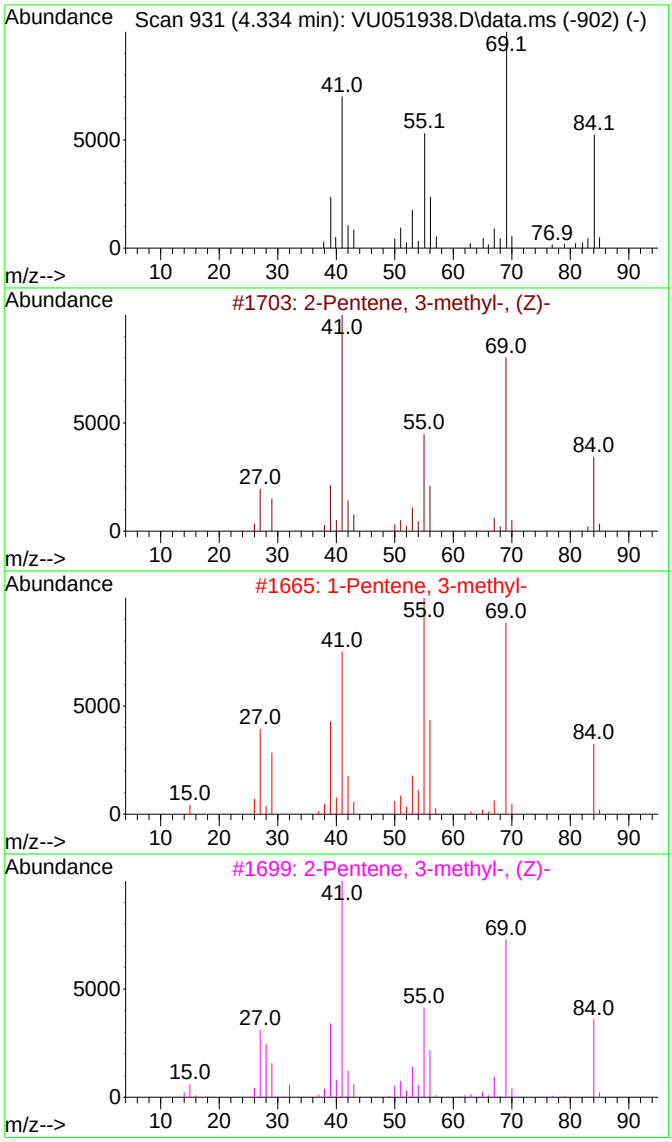
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

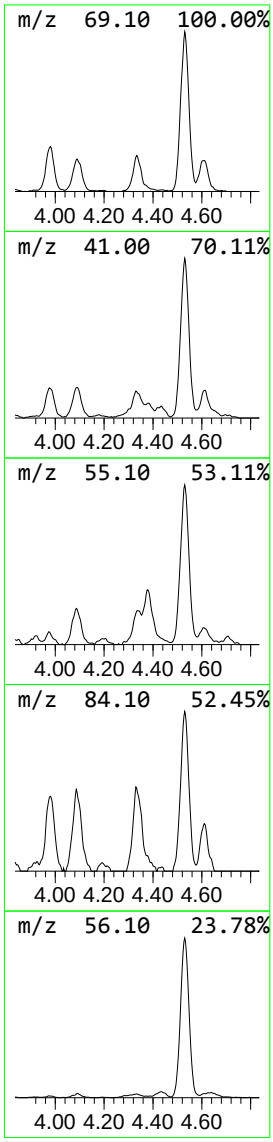
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.334	0.73 ug/L	86059	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	91
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	90
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

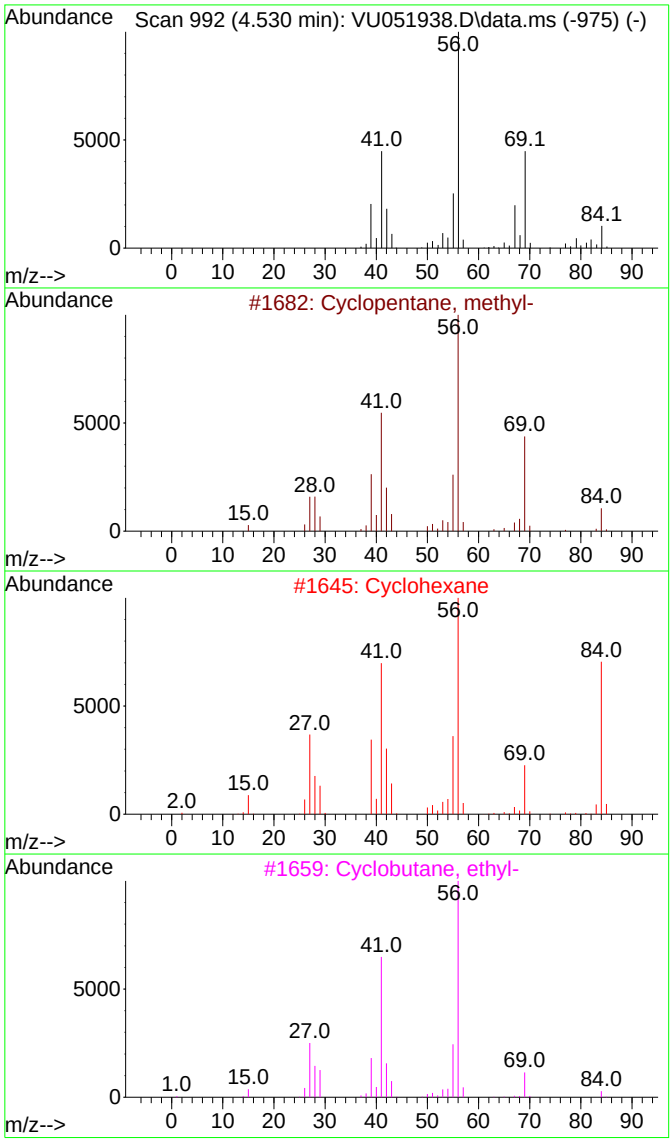
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

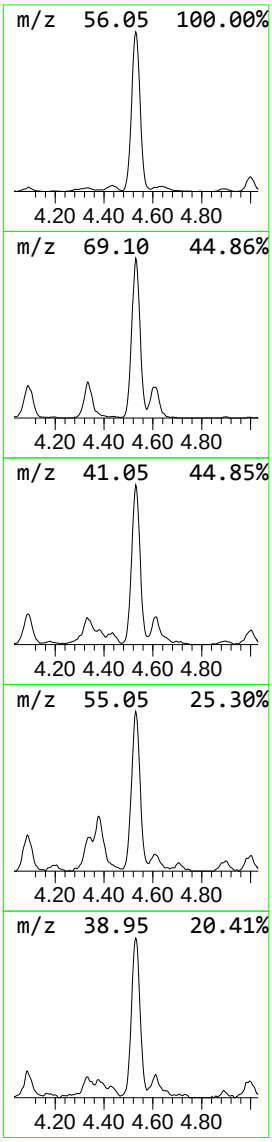
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic4.530 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	4.74 ug/L	557428	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
2	Cyclohexane	84	C6H12	000110-82-7	62
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	58
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

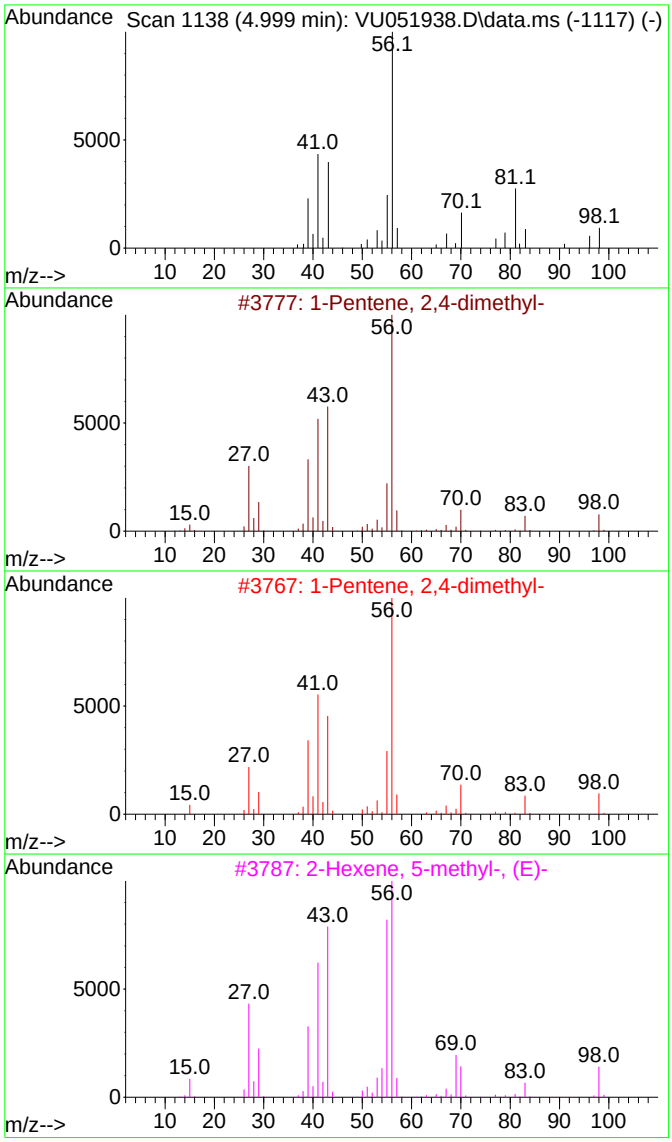
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

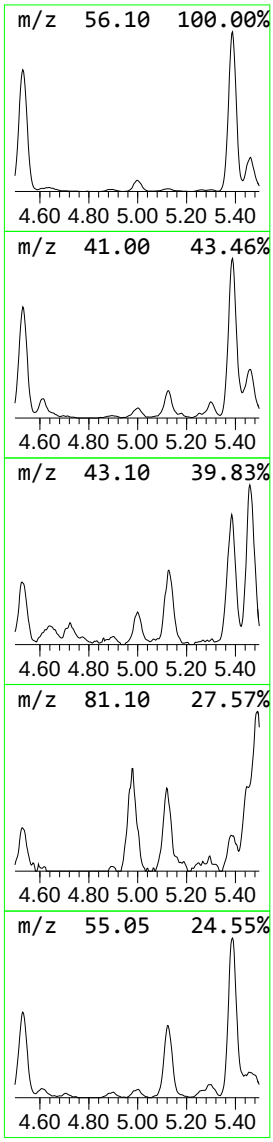
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.999	0.54 ug/L	63586	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	83
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	83
3	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	80
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	72
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

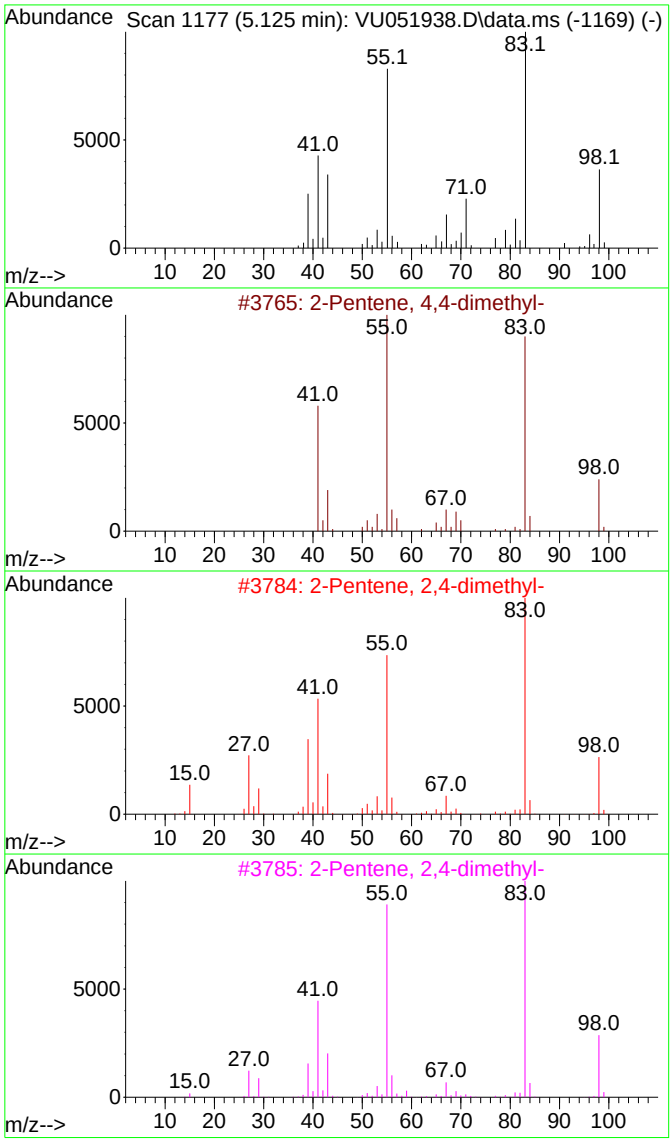
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

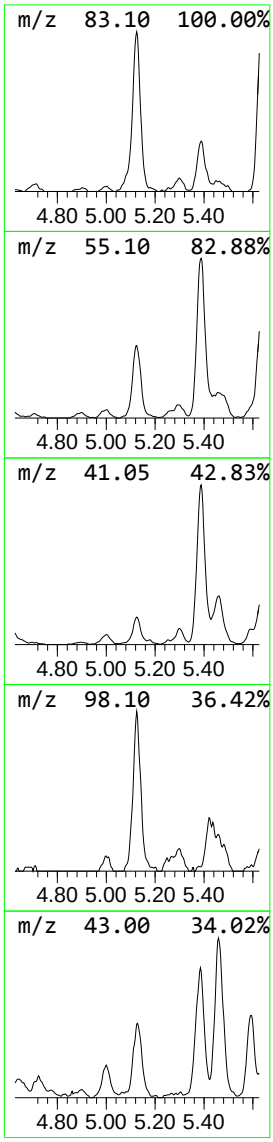
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.125	1.44 ug/L	169228	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	68
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

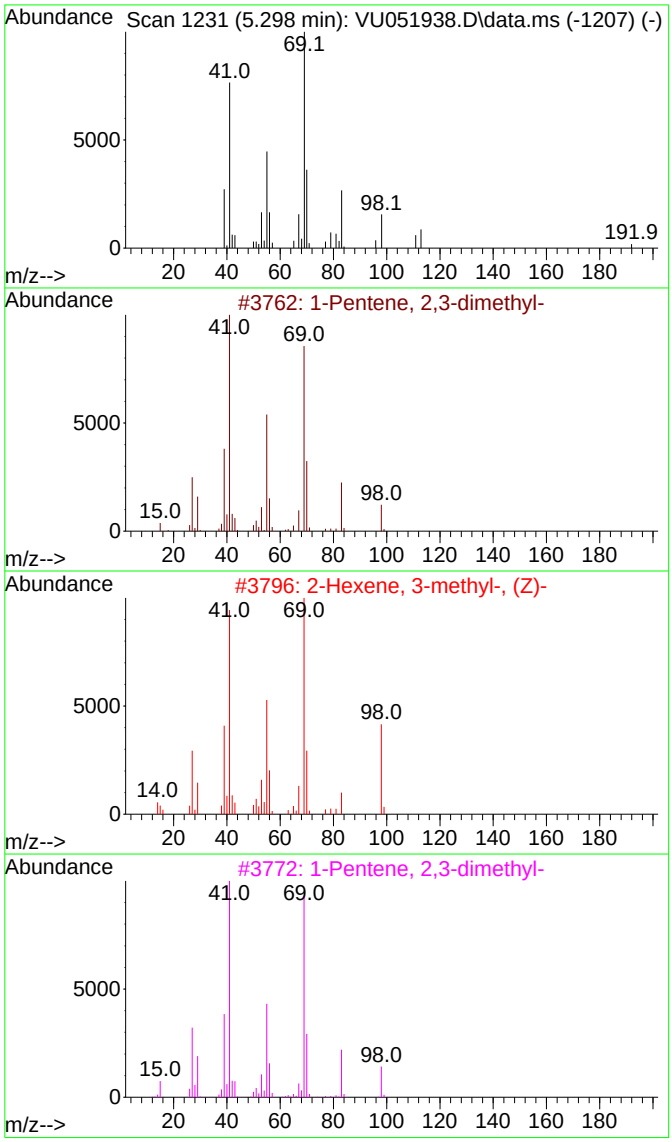
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

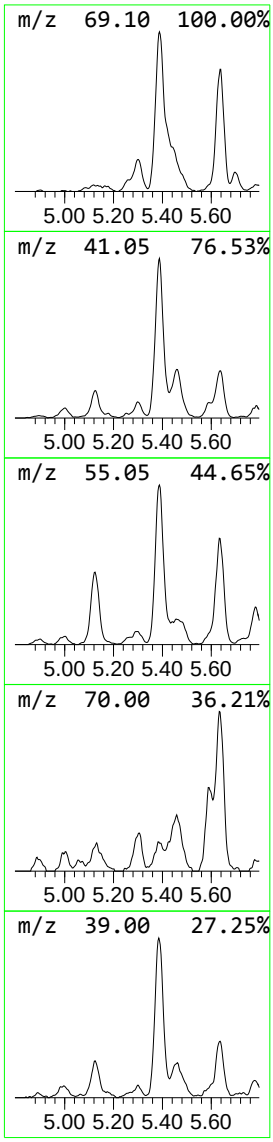
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.298	0.62 ug/L	73274	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	87
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	74
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	72
4	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	64
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

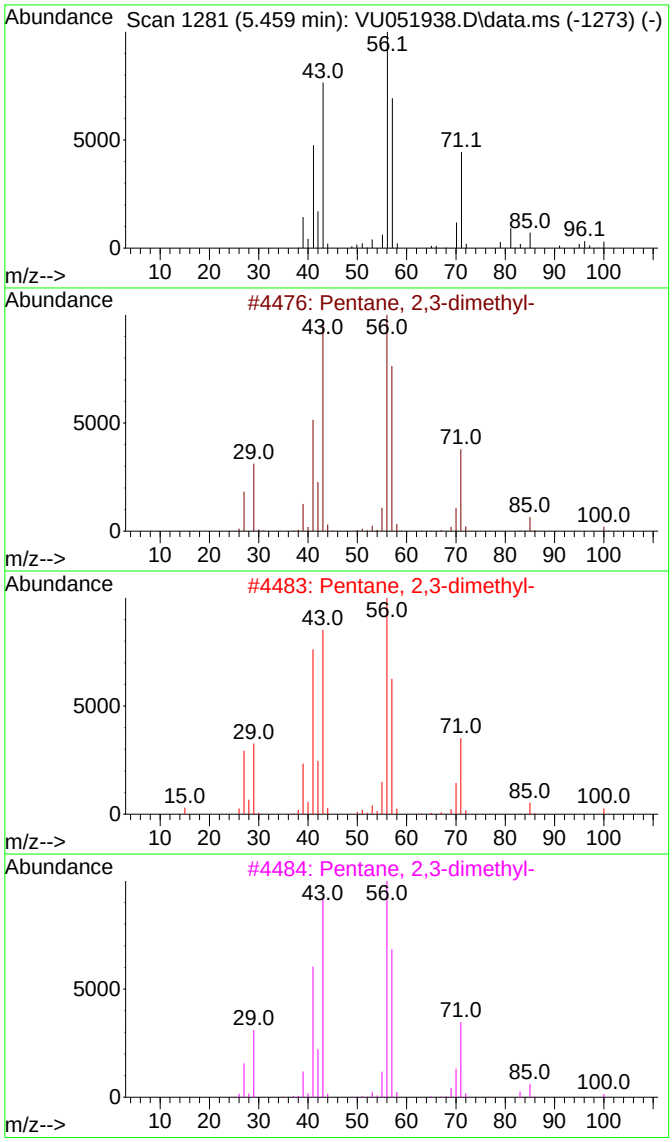
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

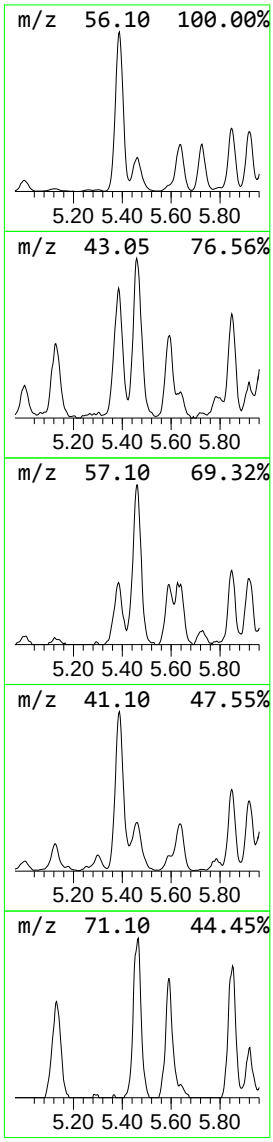
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	2.49 ug/L	292376	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	49
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

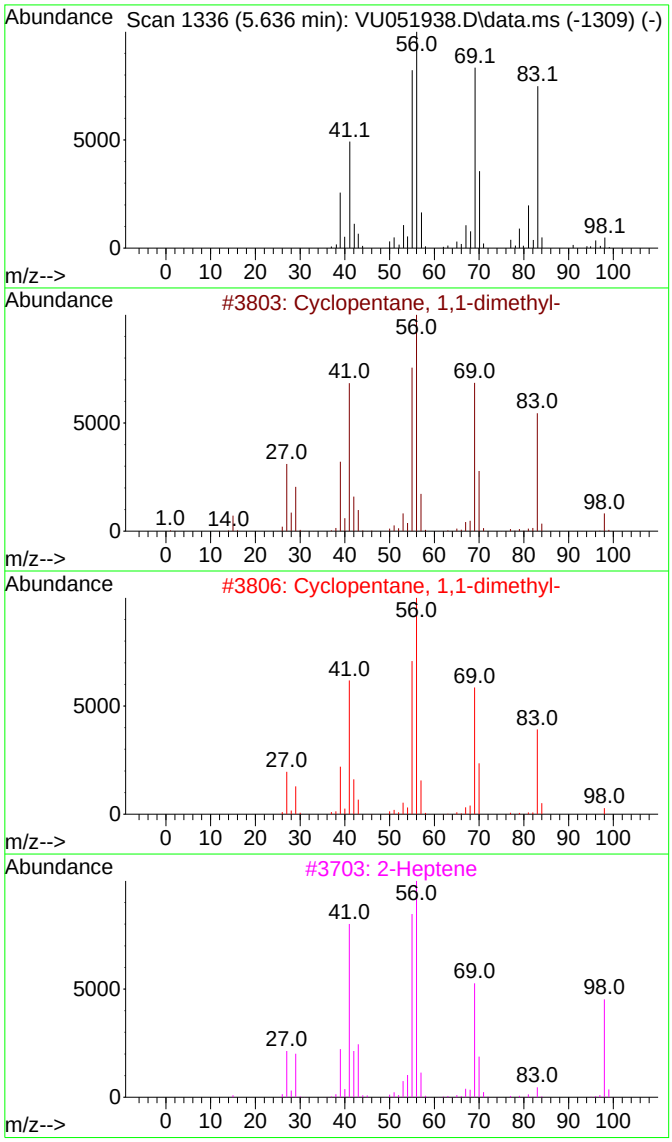
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

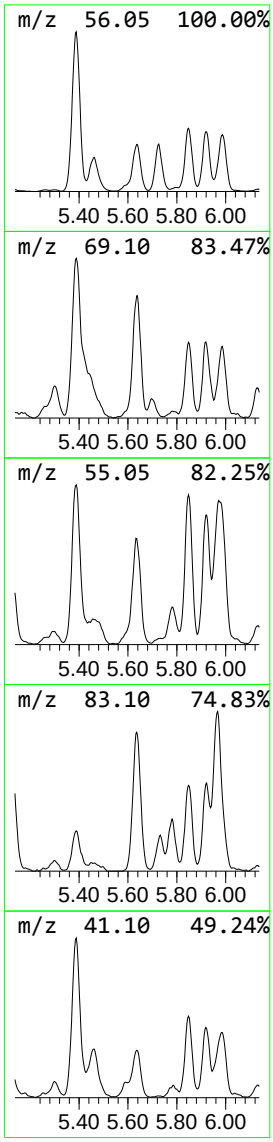
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic5.636 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.636	3.54 ug/L	416710	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	83
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
3	2-Heptene	98	C7H14	000592-77-8	53
4	Isopropylcyclobutane	98	C7H14	000872-56-0	47
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

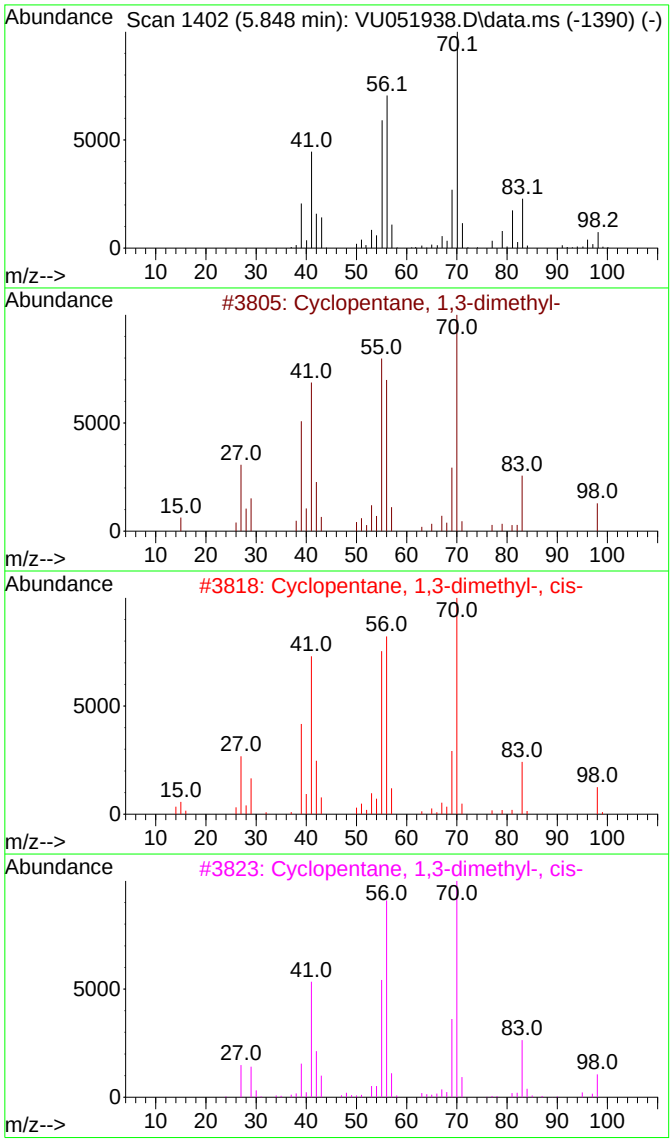
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

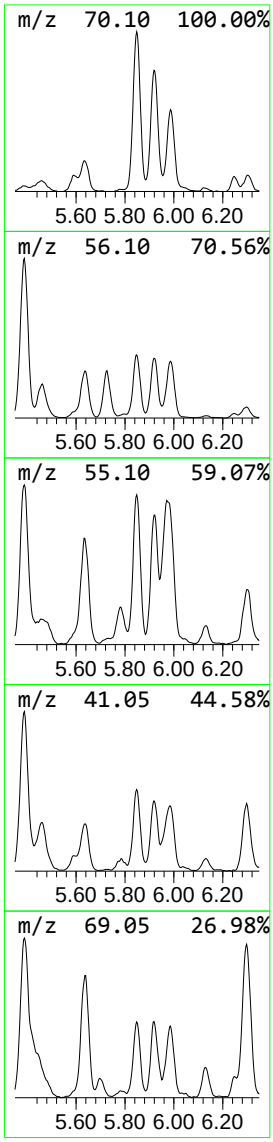
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic5.848 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	3.77 ug/L	443029	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
4	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	59
5	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

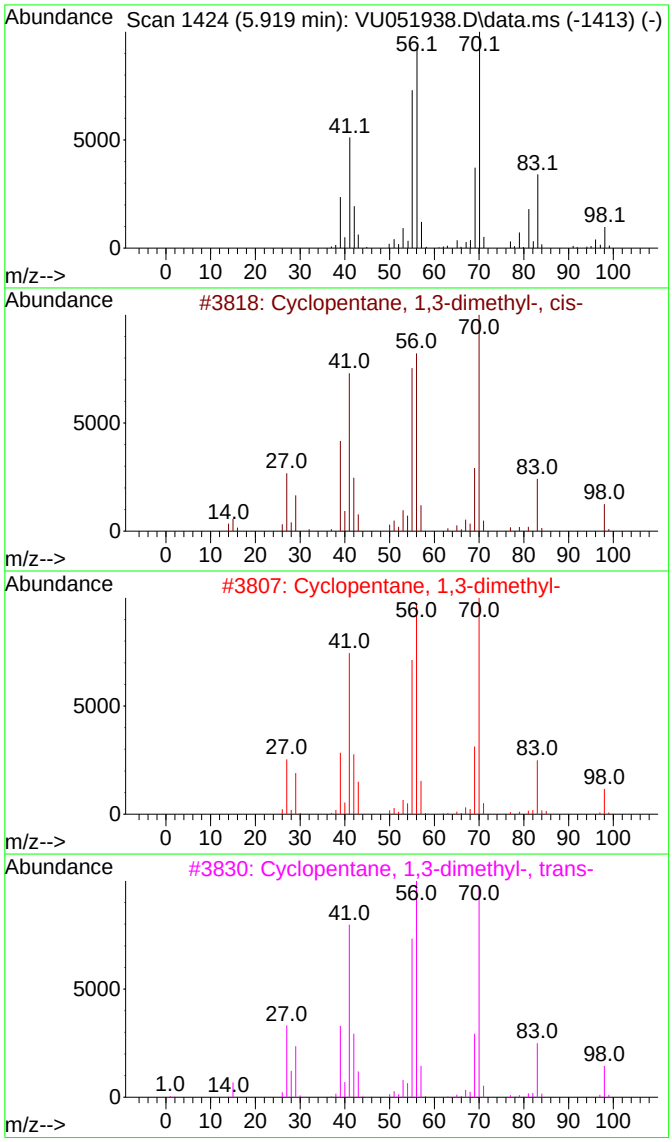
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

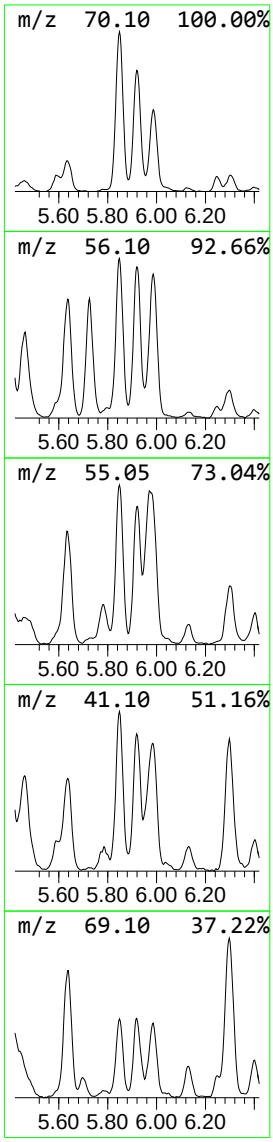
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic5.919 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	3.41 ug/L	400733	1,4-Difluorobenzene	6.247

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

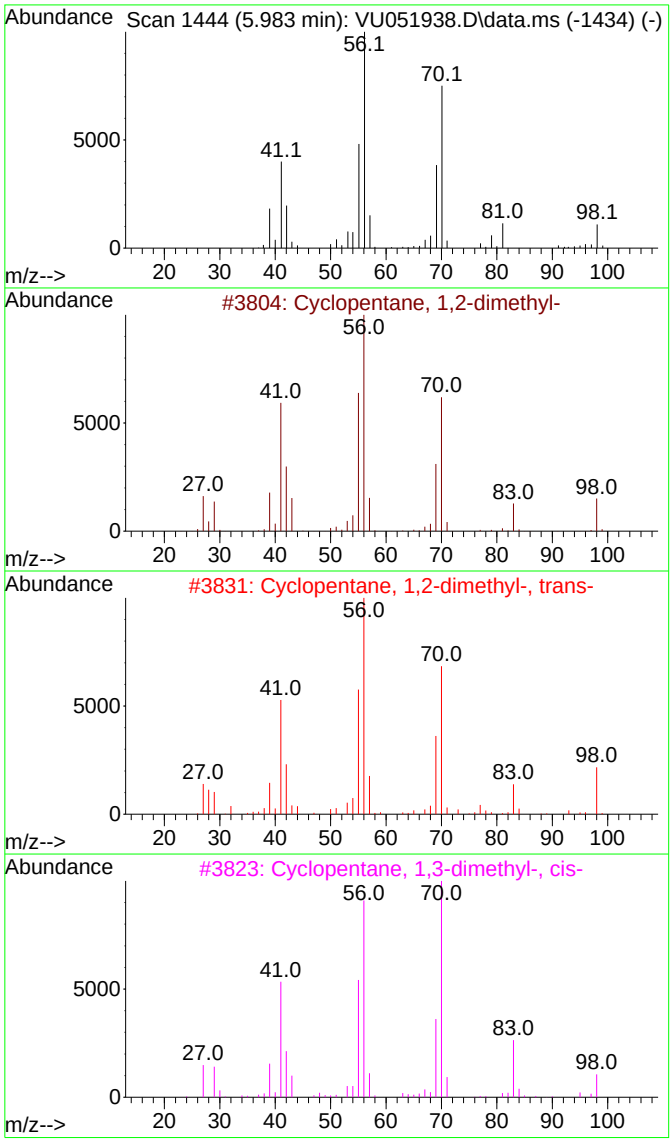
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

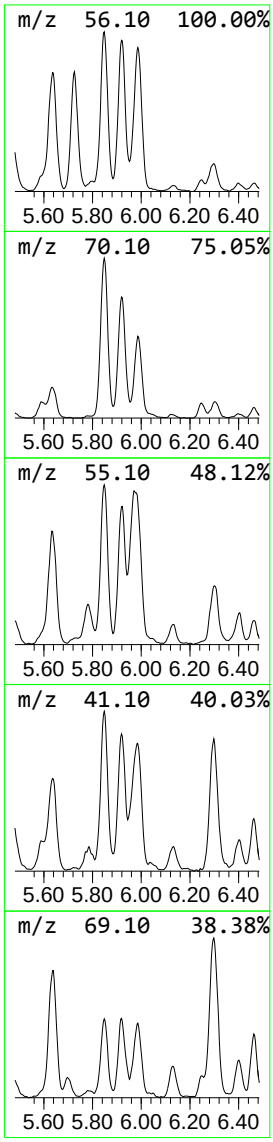
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic5.983 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.983	4.34 ug/L	510326	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	68
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

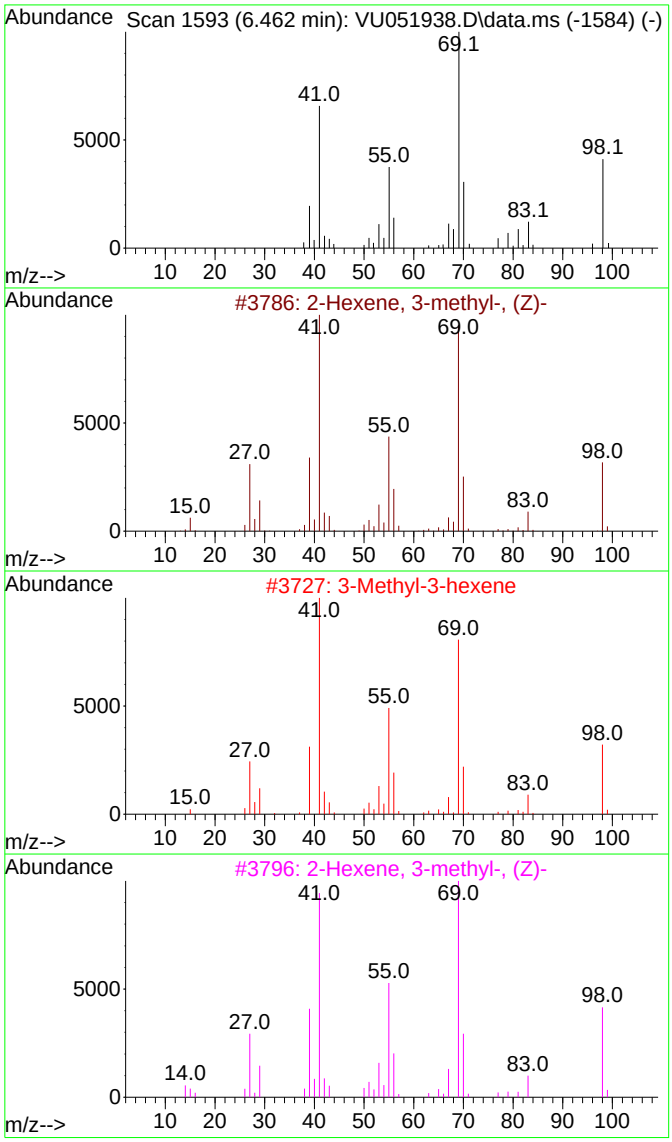
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

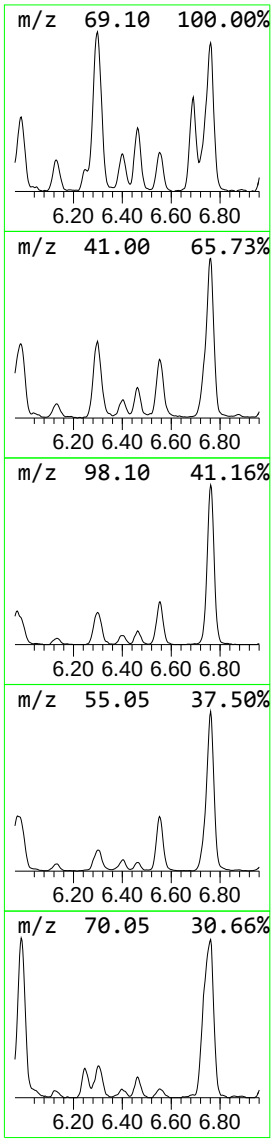
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.462	0.58 ug/L	67814	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
2	3-Methyl-3-hexene	98	C7H14	003404-65-7	91
3	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	91
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

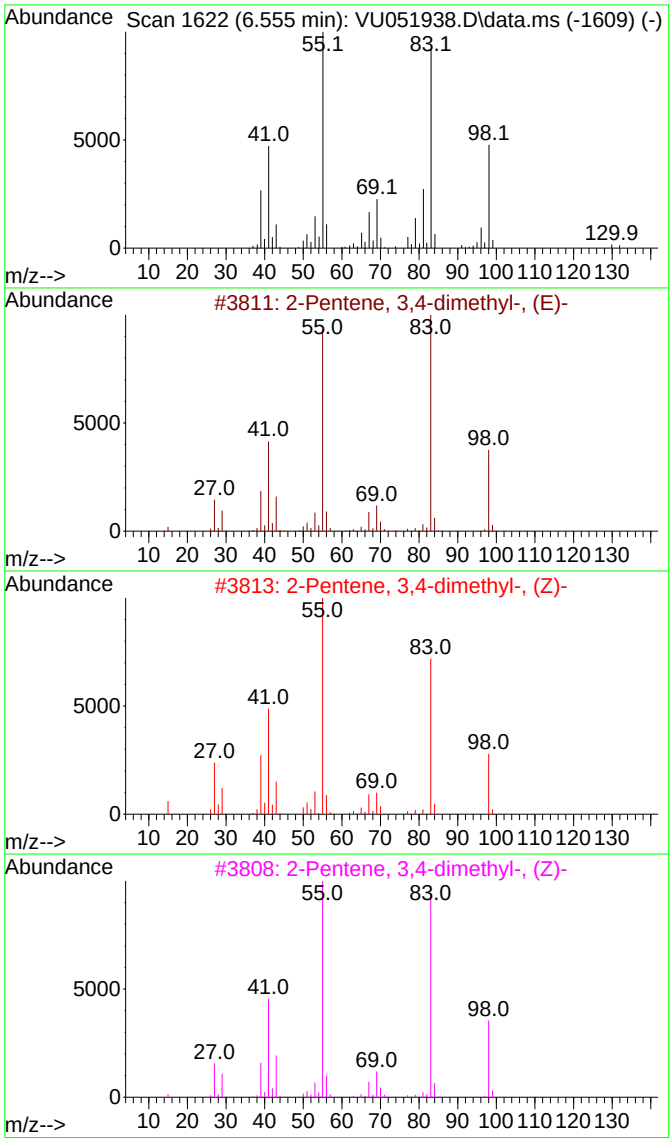
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

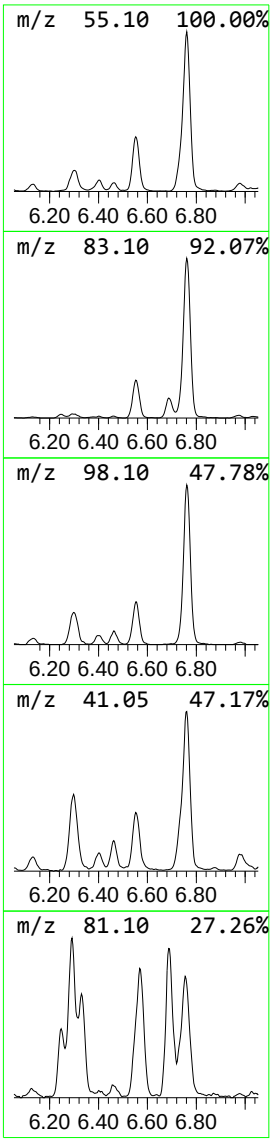
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.555	2.64 ug/L	310133	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	83
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	83
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

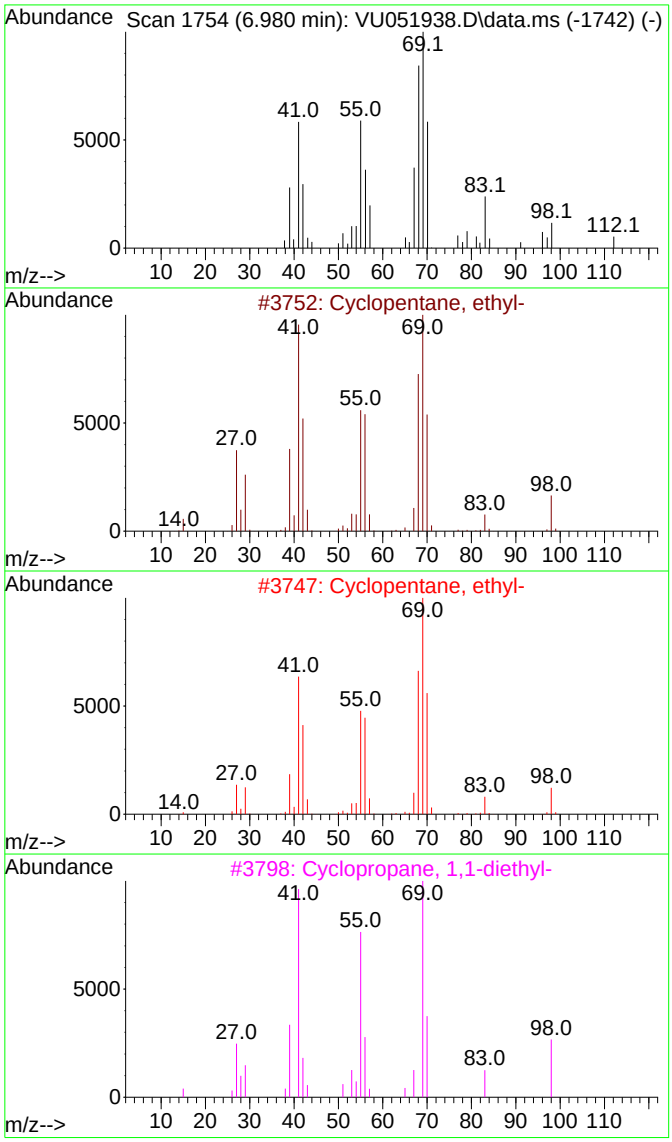
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

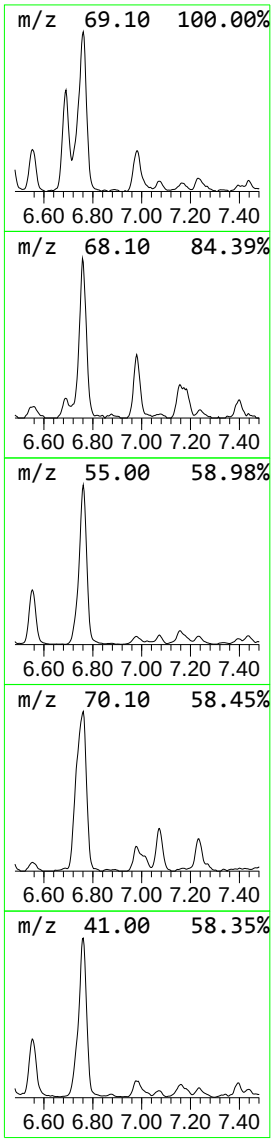
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic6.980 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	0.77 ug/L	90786	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	72
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	58
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38
5	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

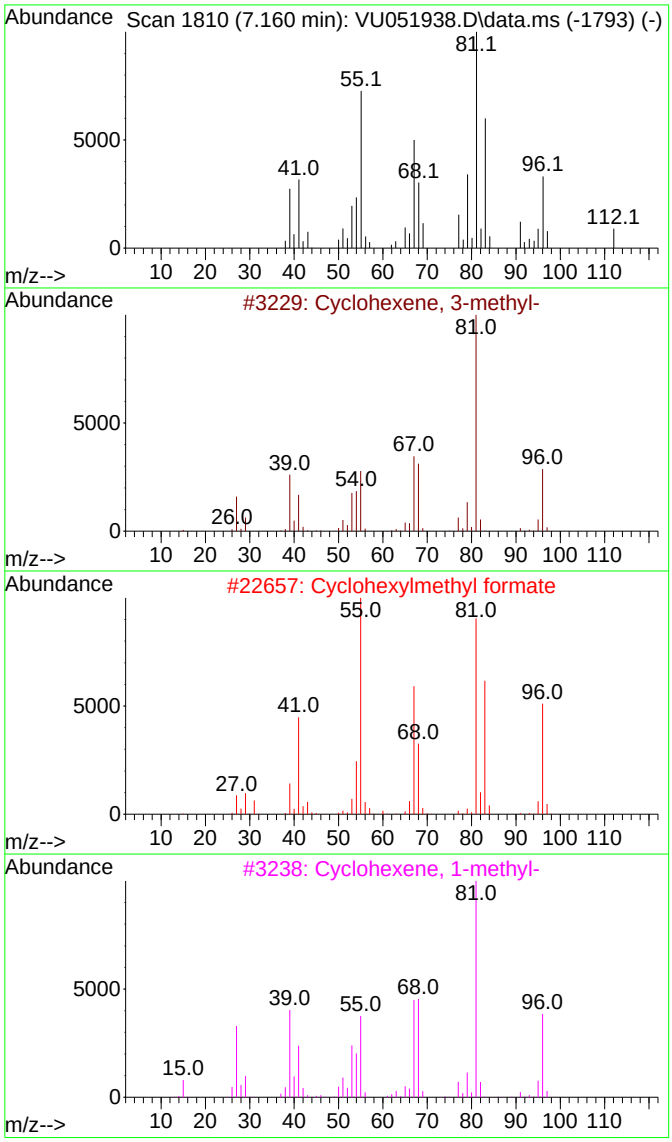
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

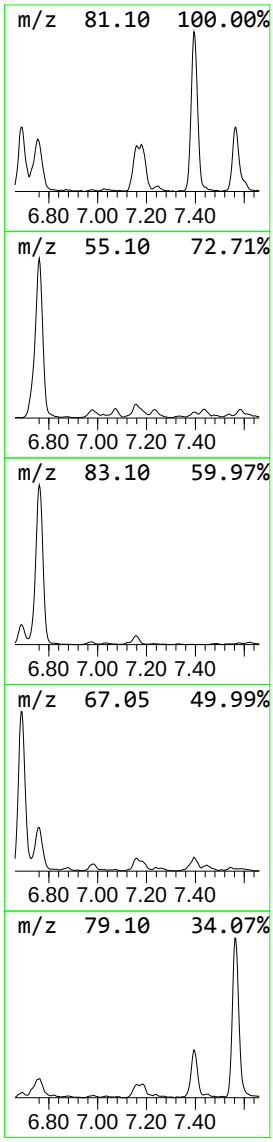
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.160	1.63 ug/L	192293	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	76
2	Cyclohexylmethyl formate	142	C8H14O2	002888-49-5	64
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	62
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	62
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

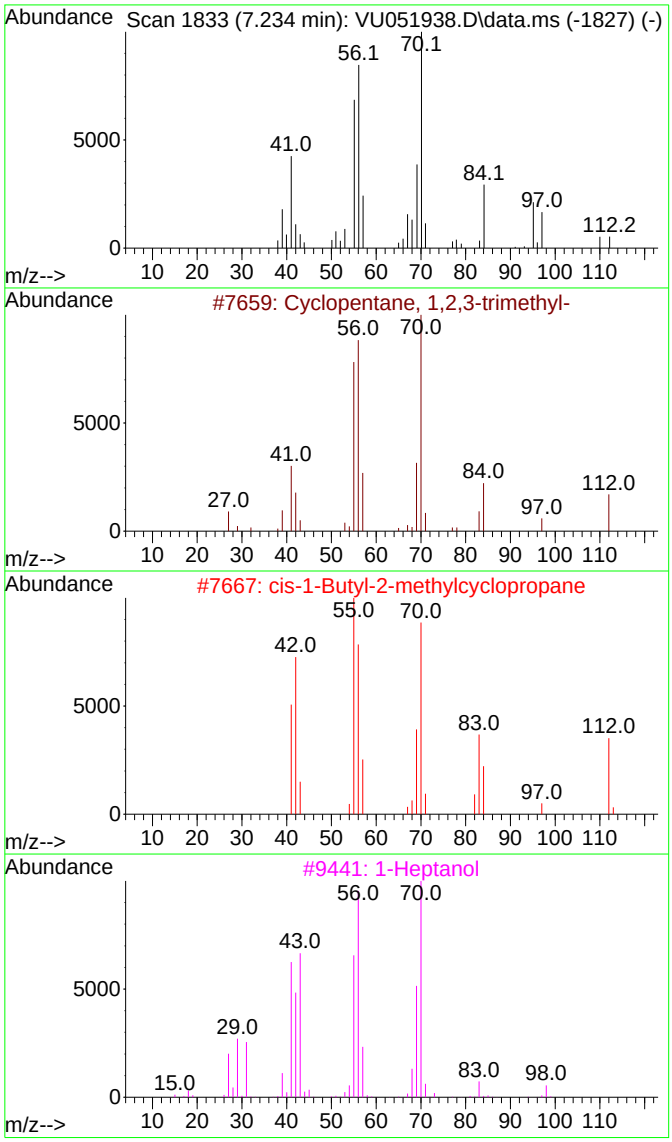
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

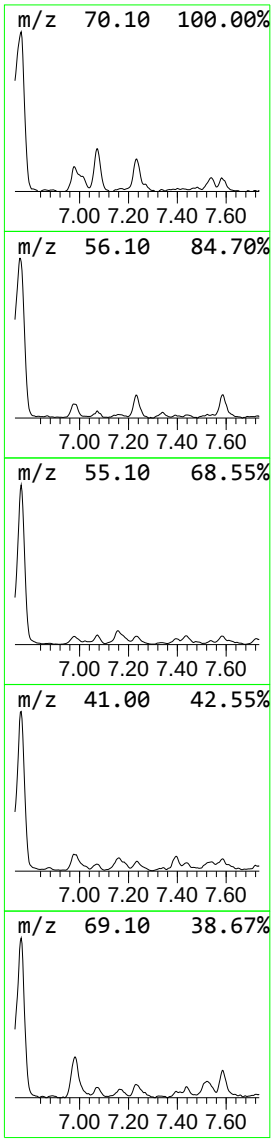
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic7.234 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	0.64 ug/L	75253	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	72
2	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	56
3	1-Heptanol	116	C7H16O	000111-70-6	53
4	Cyclopropane, pentyl-	112	C8H16	002511-91-3	50
5	1-Nonanol	144	C9H20O	000143-08-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

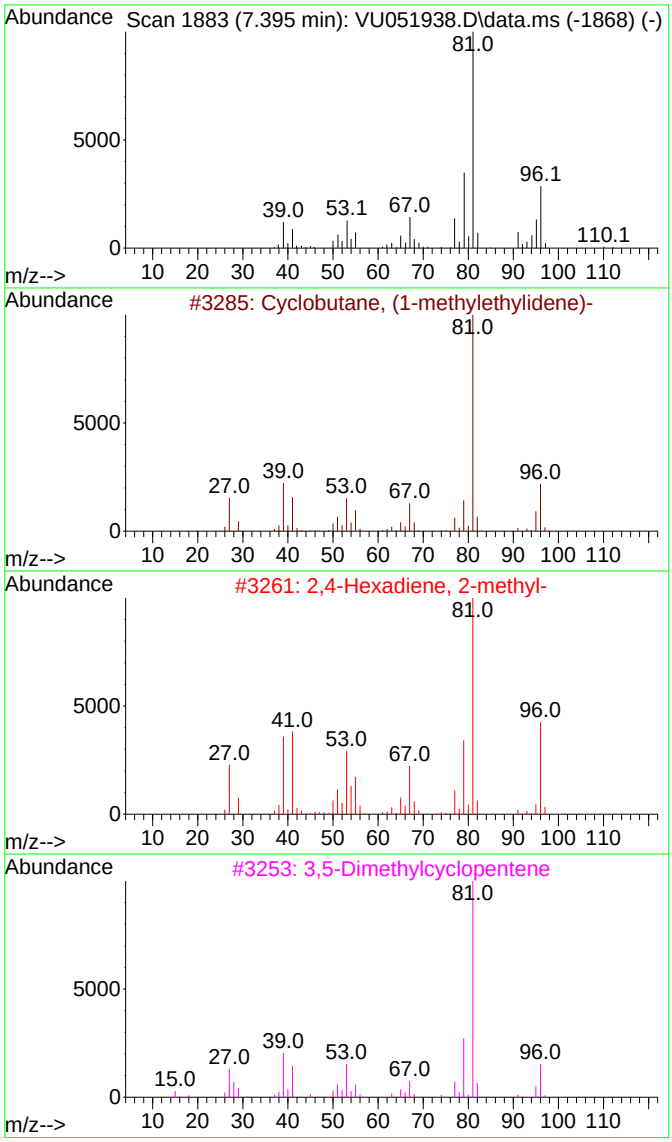
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

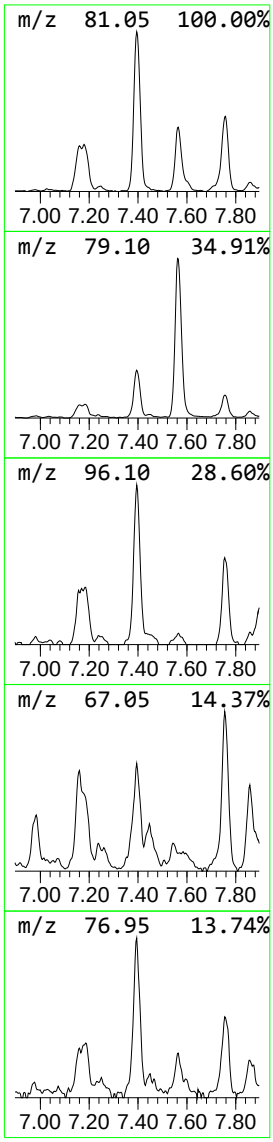
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclobutane, (1-methylethyl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.395	1.69 ug/L	198200	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	81
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	80
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

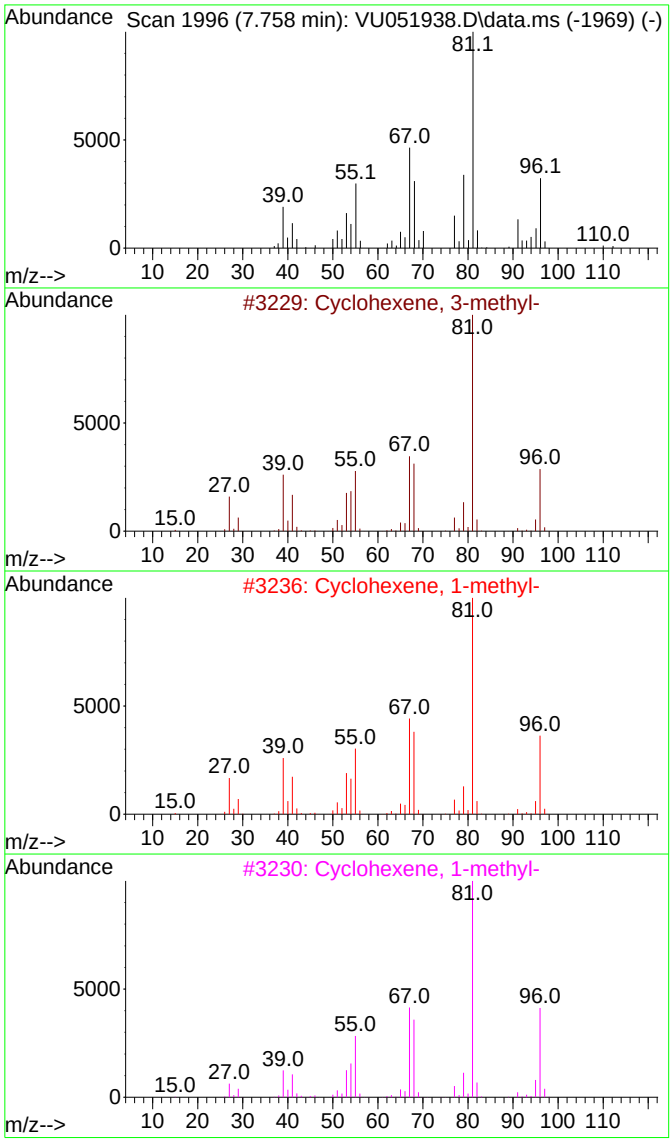
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

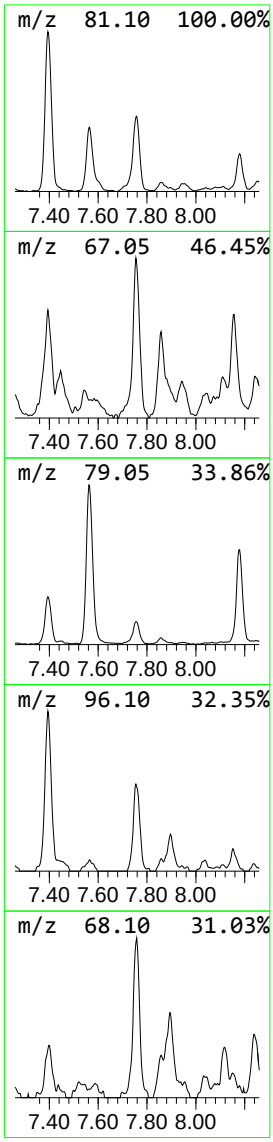
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Cyclohexene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.758	1.47 ug/L	172719	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	74
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	68
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

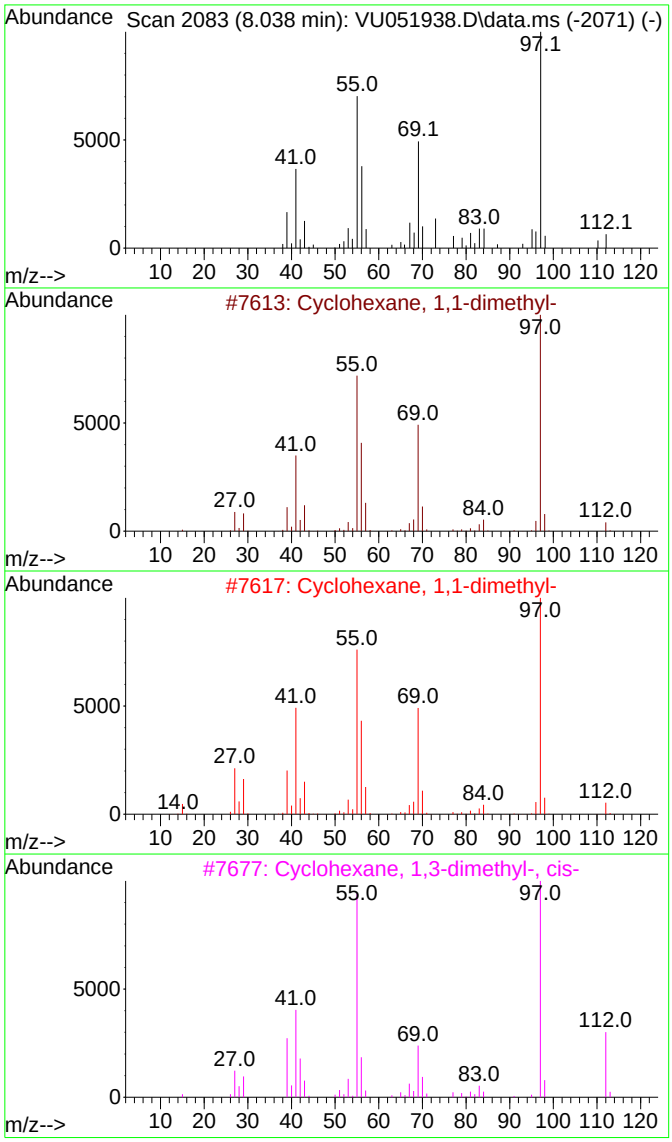
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

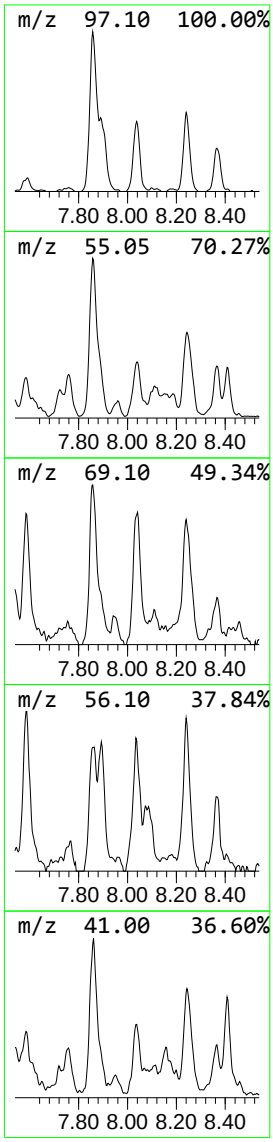
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic8.038 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.038	0.53 ug/L	78483	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	59
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

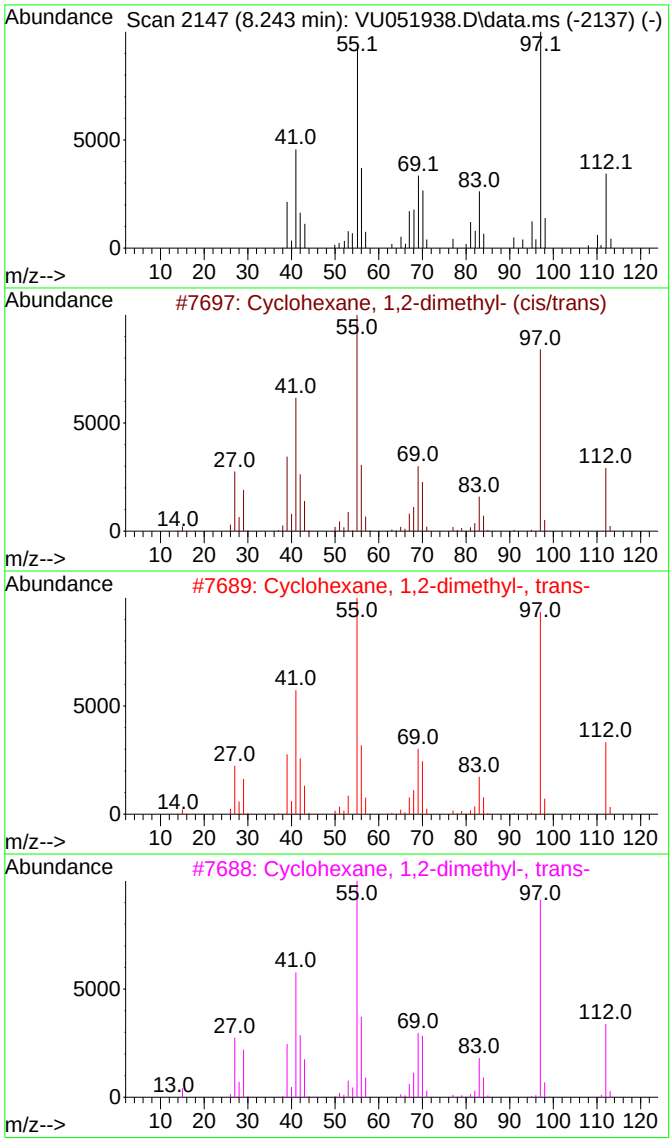
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

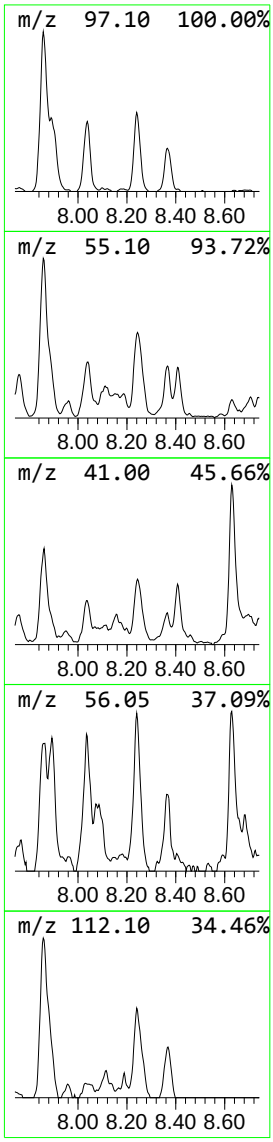
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic8.243 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	0.89 ug/L	131395	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	93
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	74
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

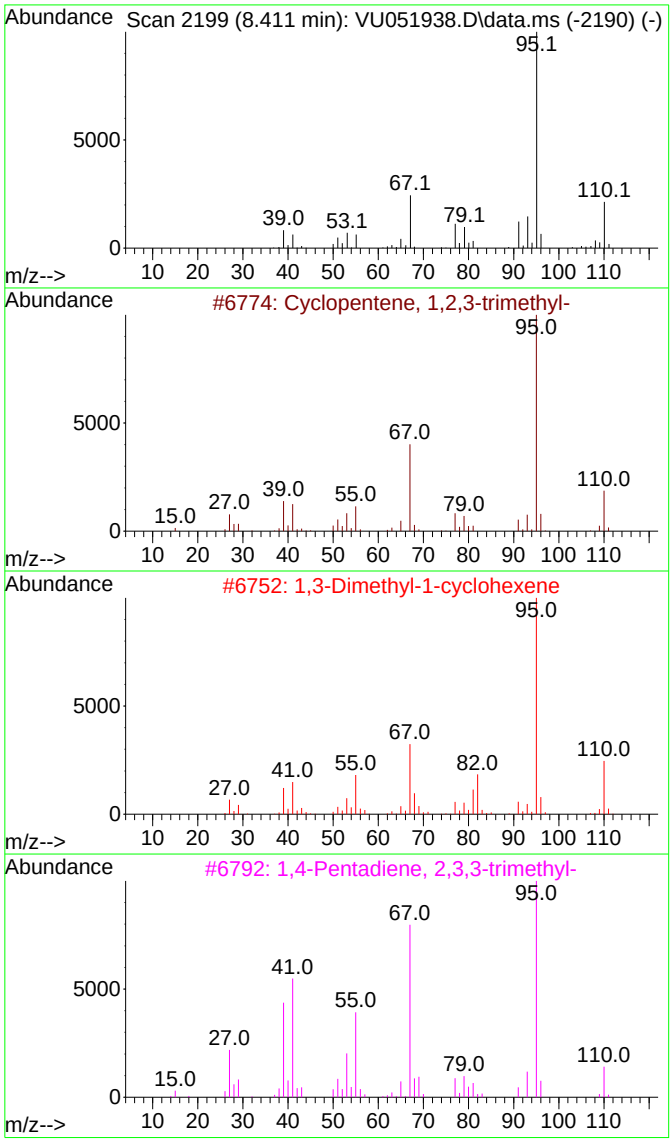
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

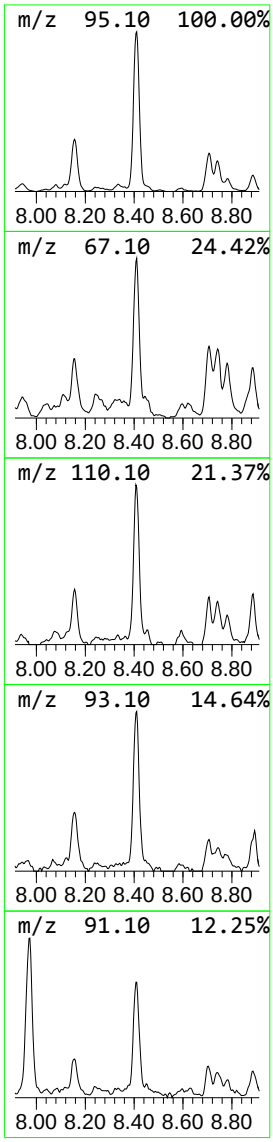
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.411	1.86 ug/L	272545	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	78
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	70
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

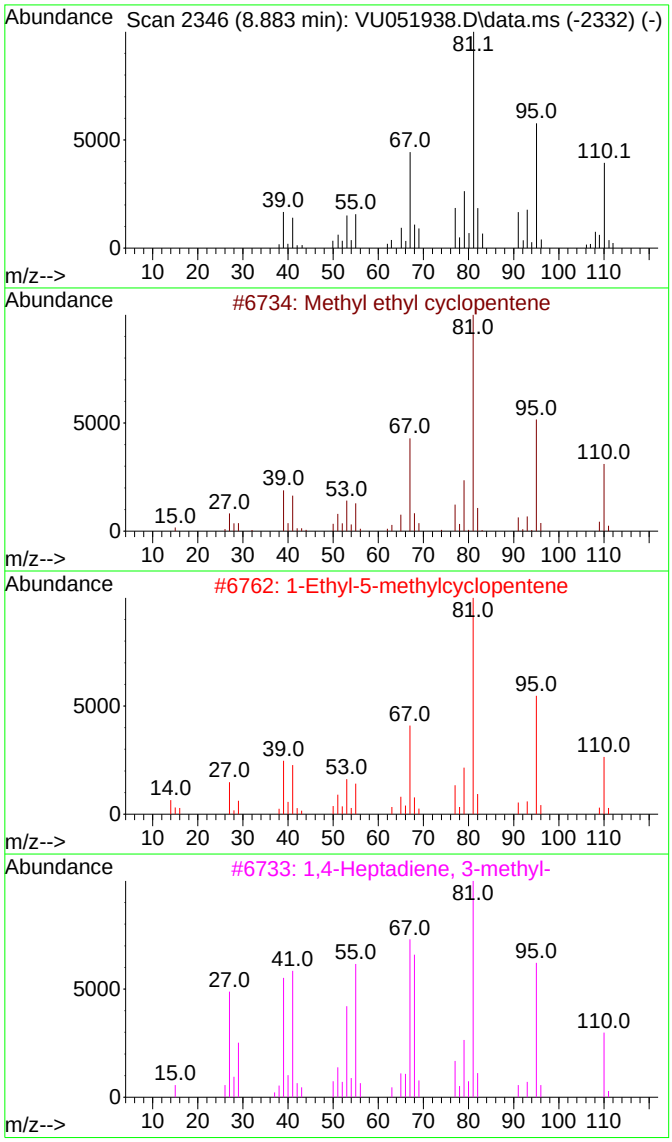
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

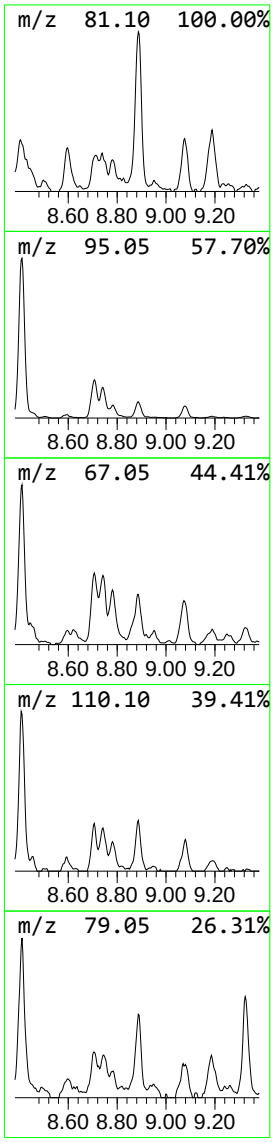
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Methyl ethyl cyclopentene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.883	0.62 ug/L	91518	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	91
2	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	86
3	1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	80
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	64
5	2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

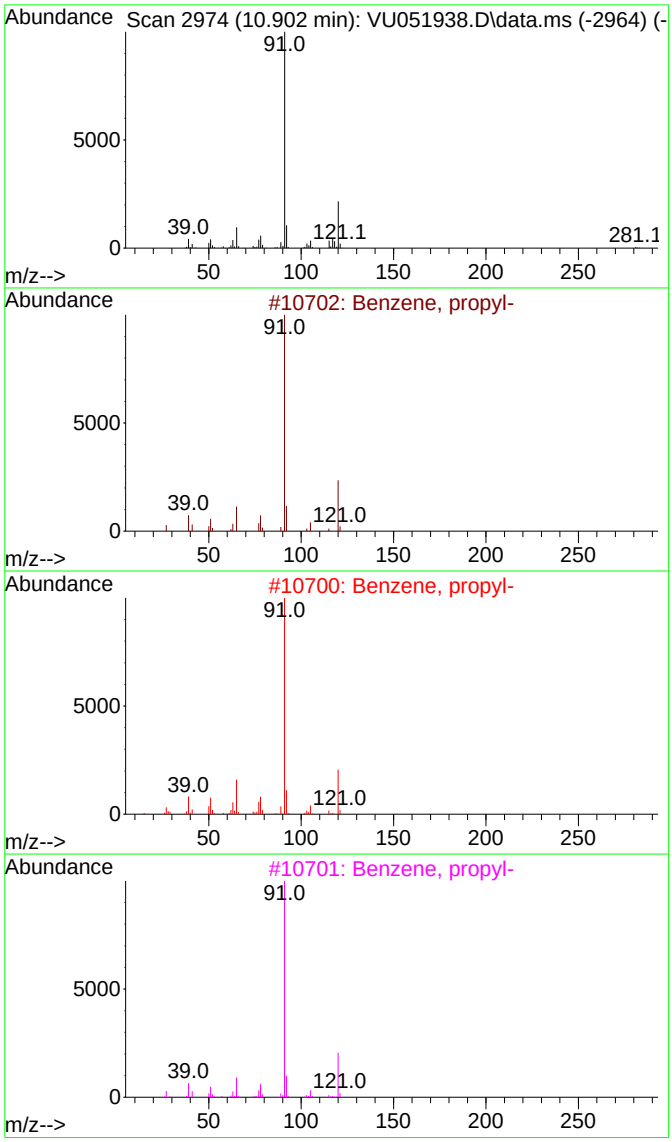
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

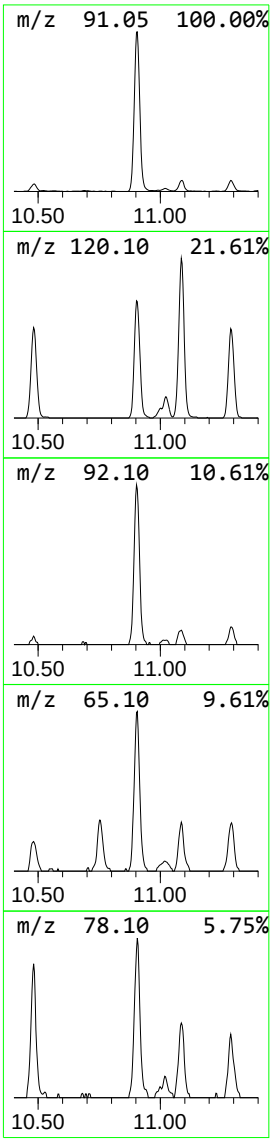
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	1.93 ug/L	246892	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

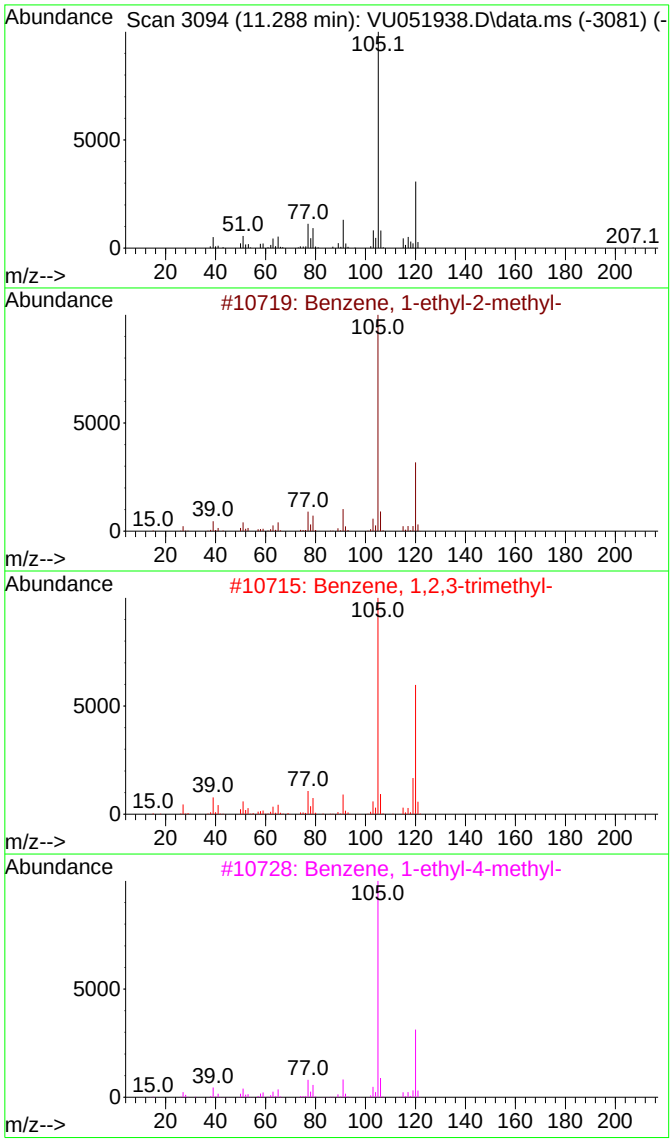
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

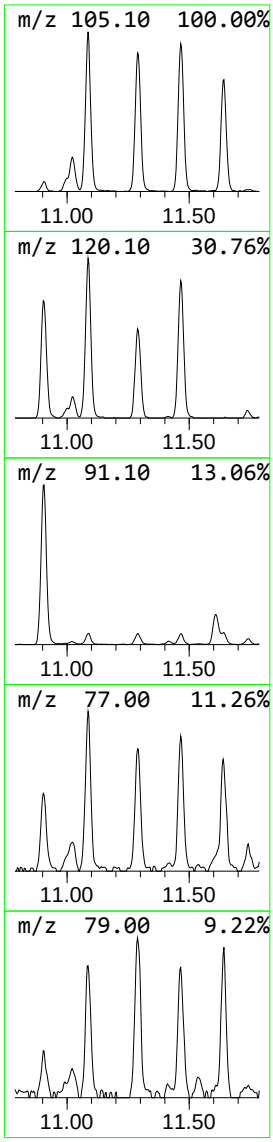
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	1.34 ug/L	172288	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	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

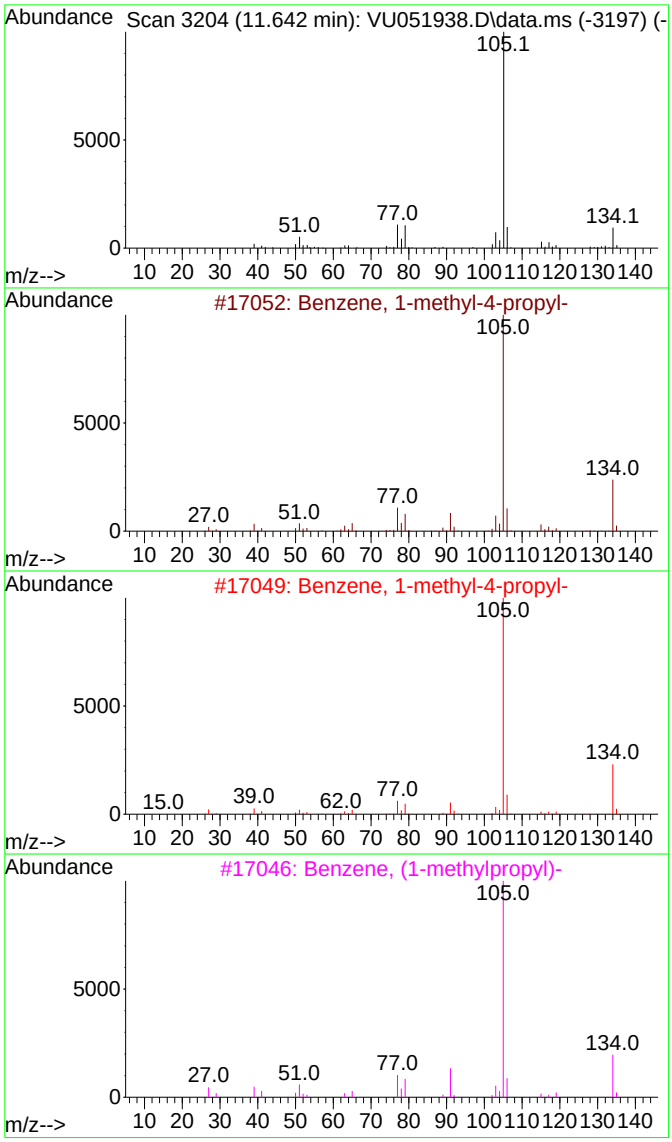
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

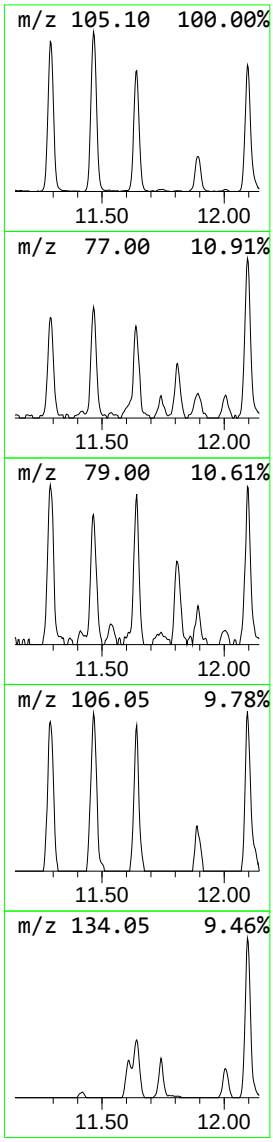
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-methyl-4-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	0.99 ug/L	127178	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	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

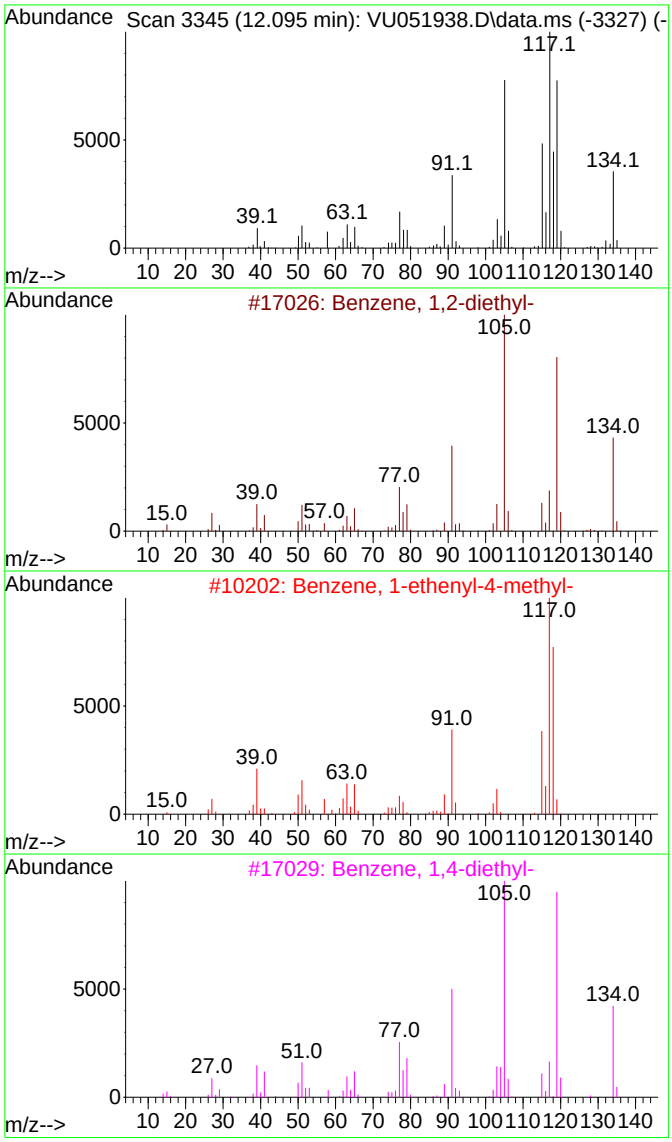
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

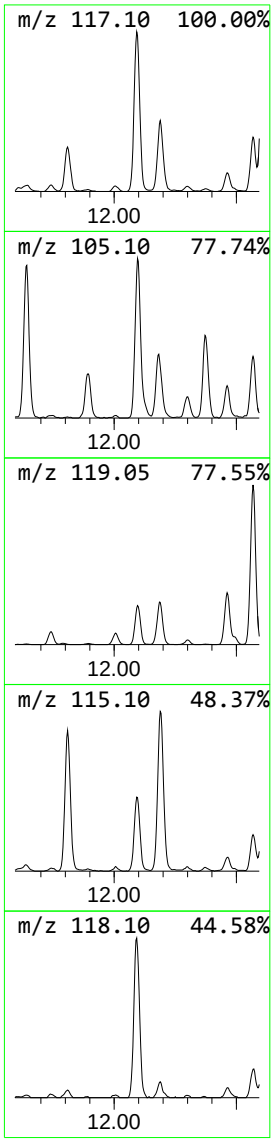
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	3.53 ug/L	452438	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	86
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
4	Indane	118	C9H10	000496-11-7	59
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

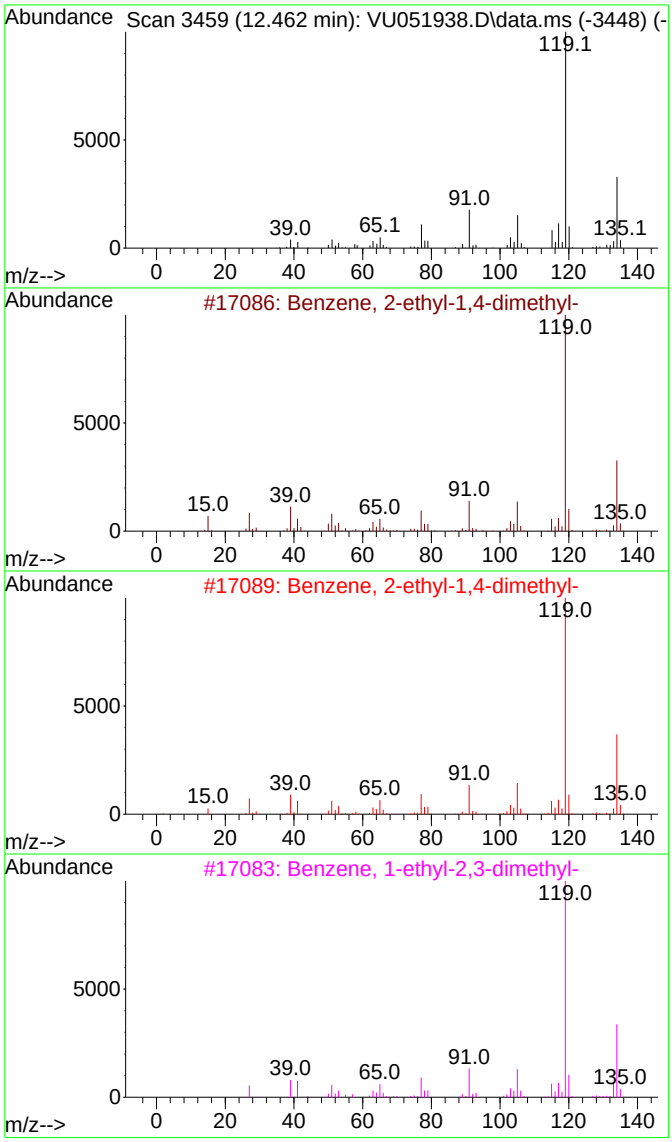
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

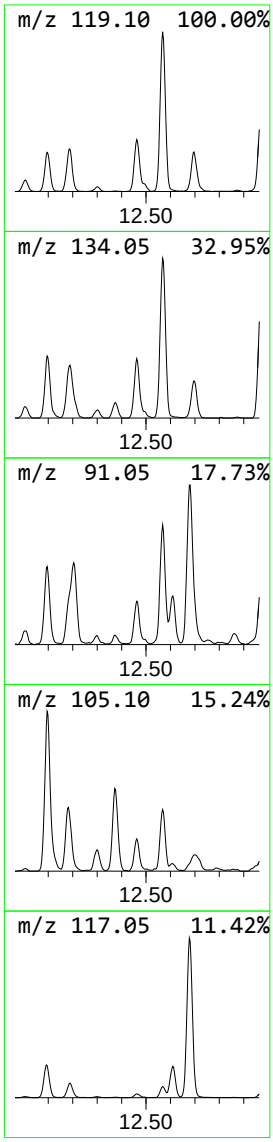
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	1.68 ug/L	215017	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	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

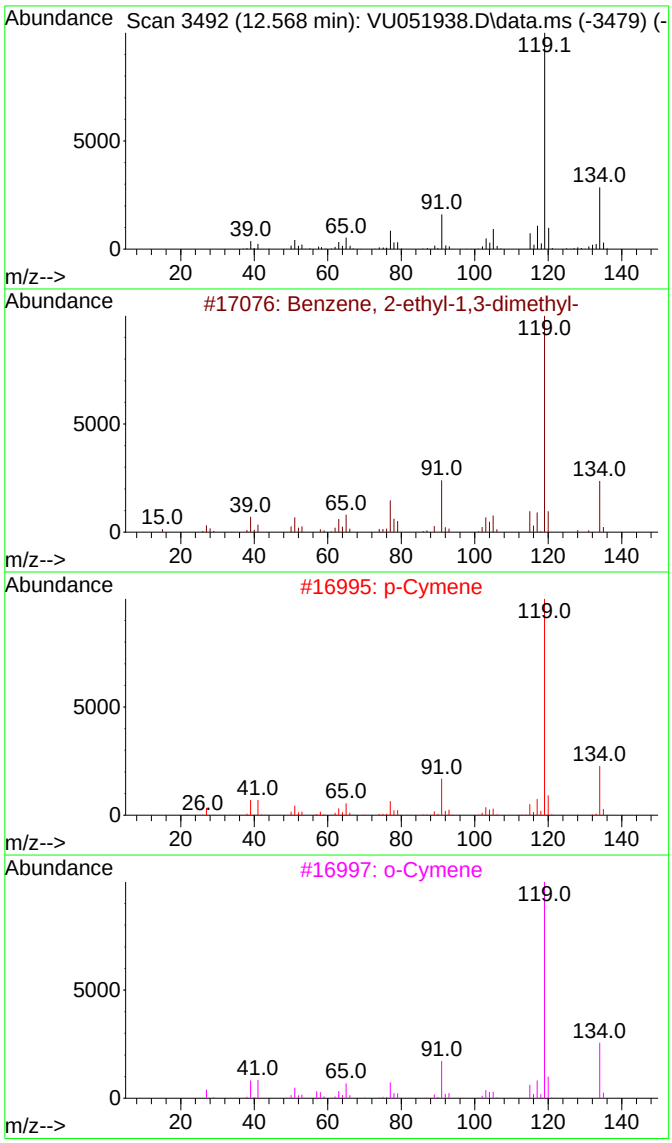
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

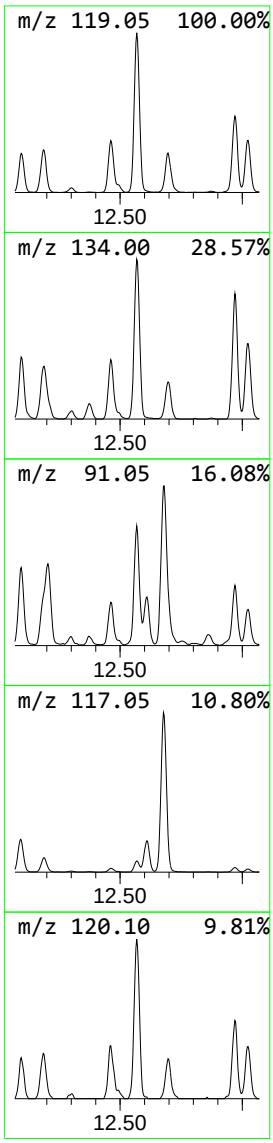
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	4.38 ug/L	560772	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	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\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

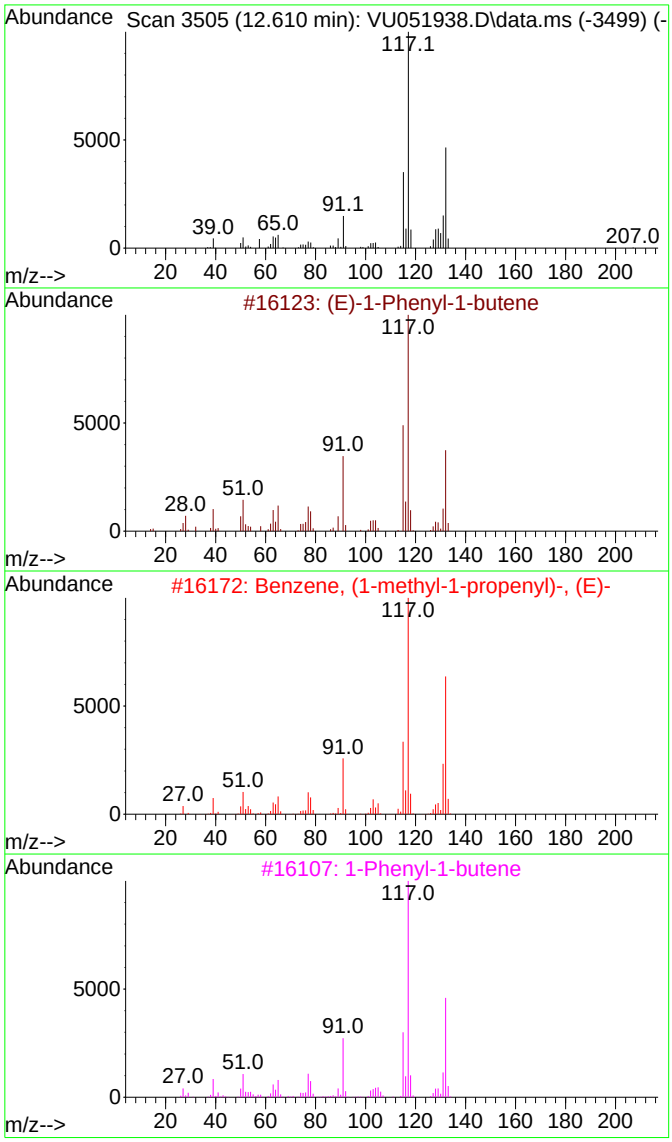
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

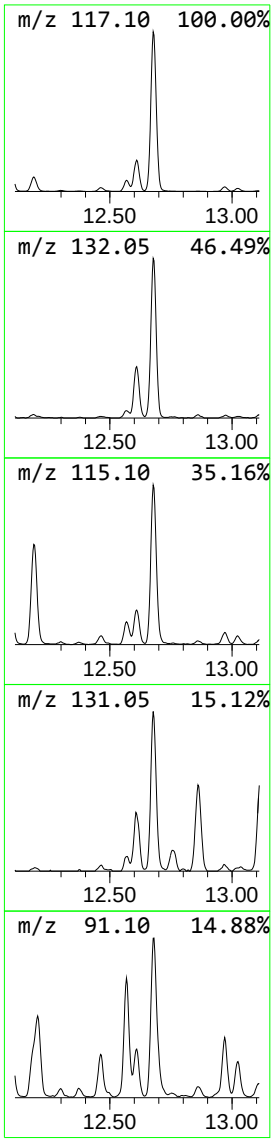
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (E)-1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	1.91 ug/L	244651	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

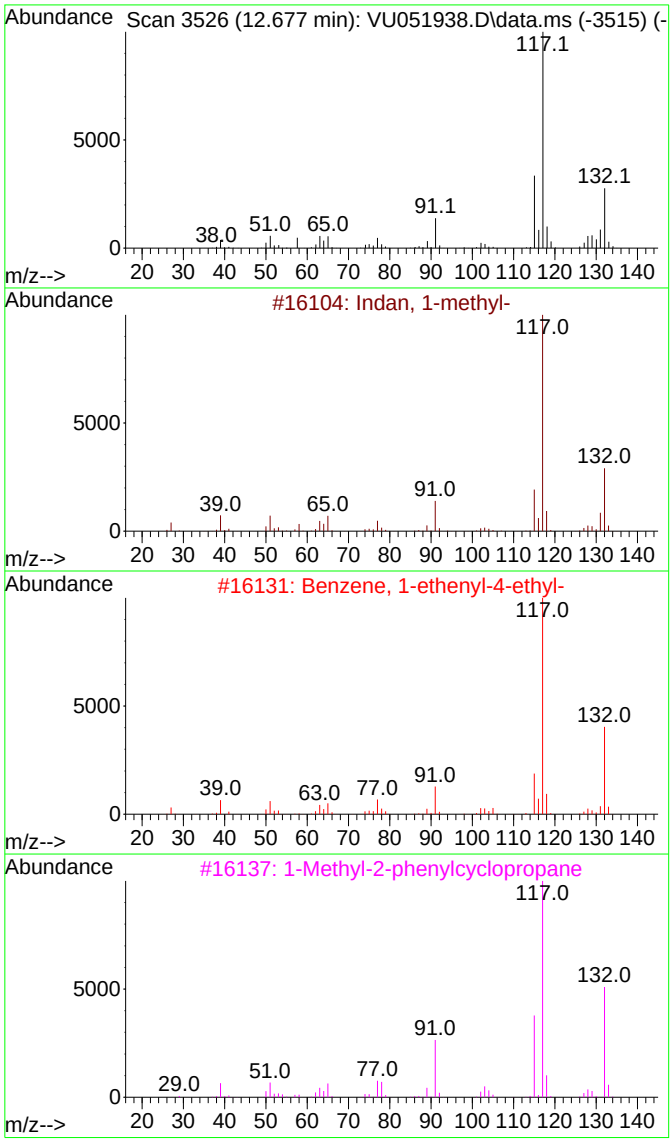
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

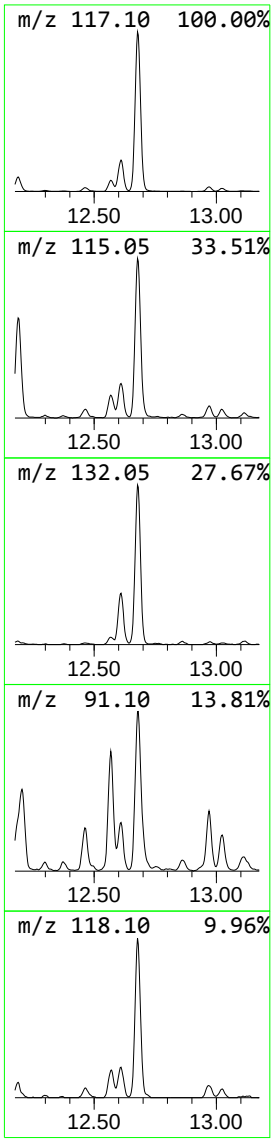
****

Peak Number 38 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	8.67 ug/L	1110720	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

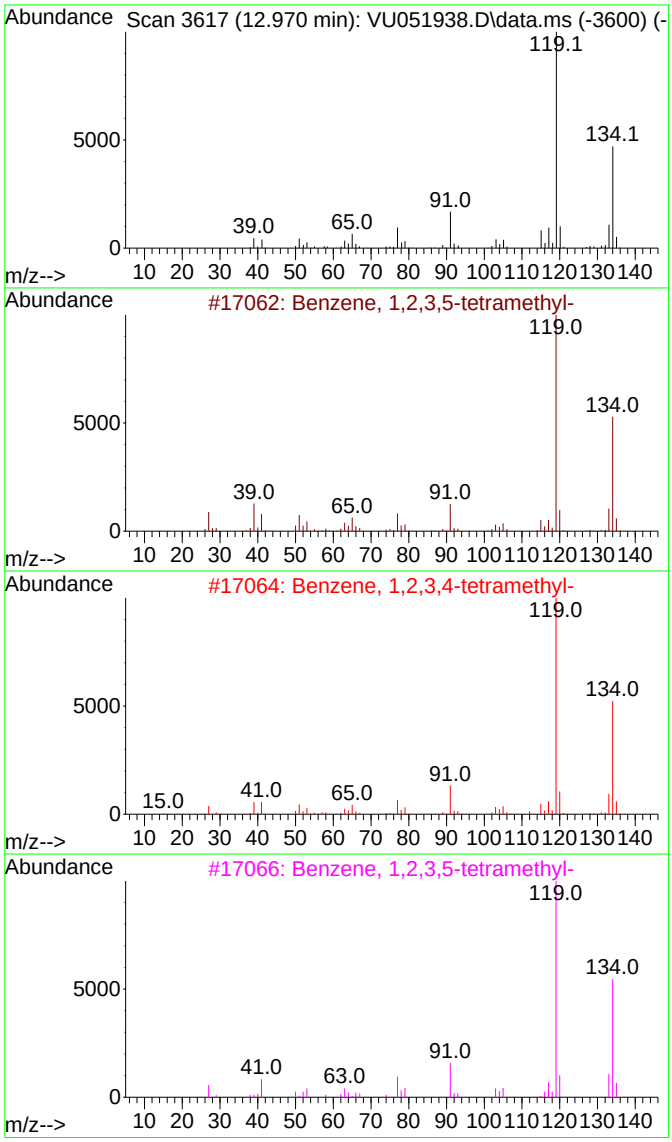
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

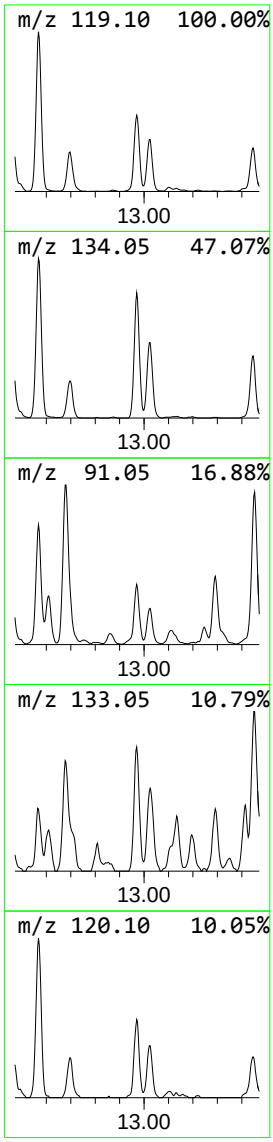
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	2.38 ug/L	304536	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	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

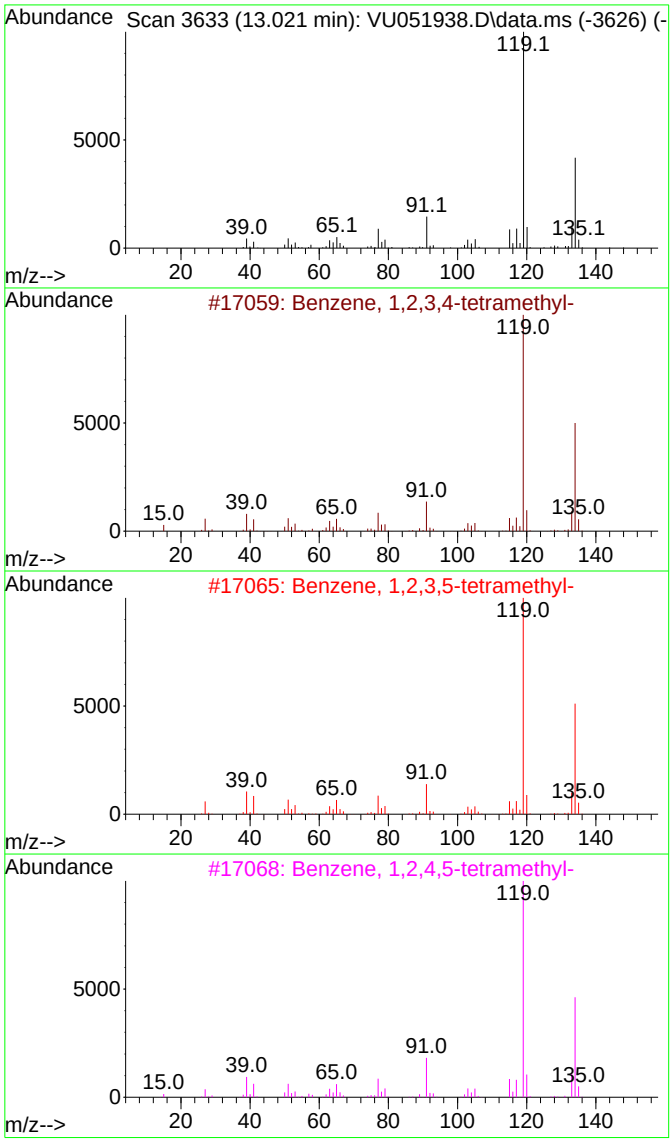
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

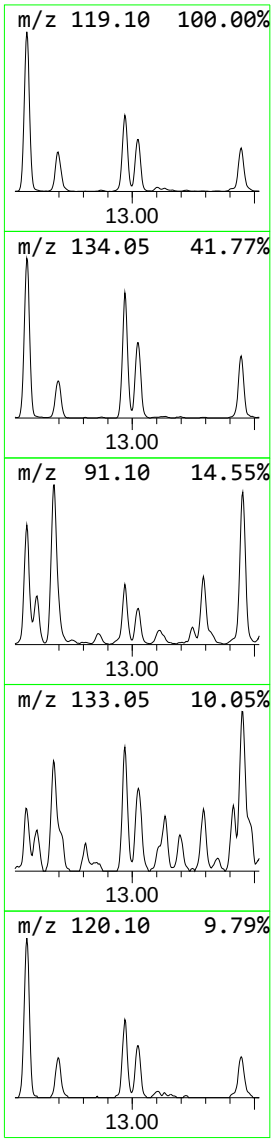
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	1.59 ug/L	203415	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

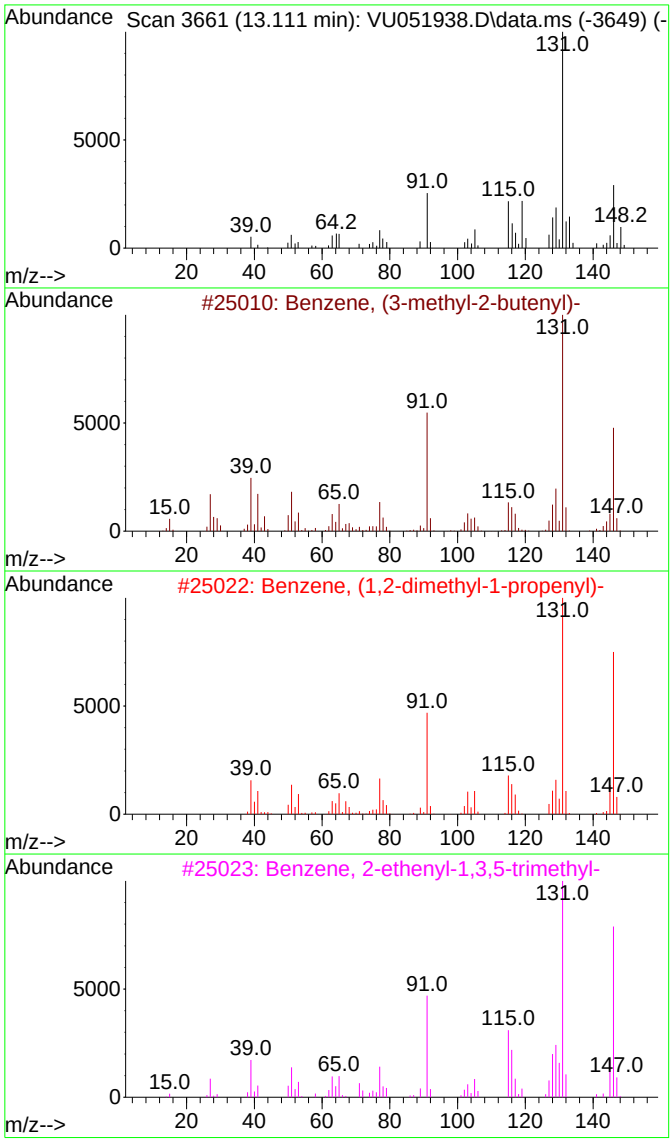
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

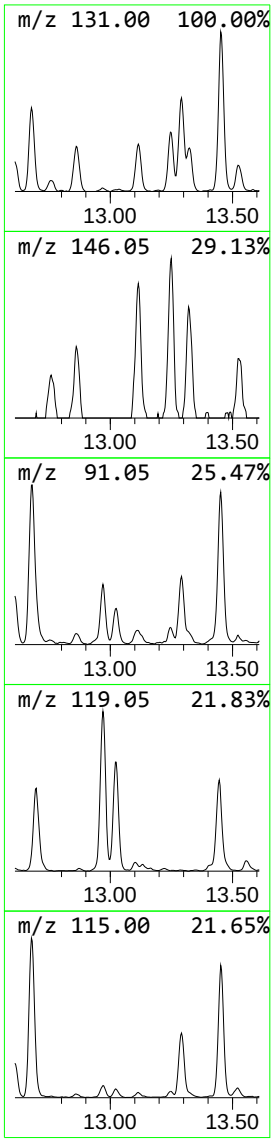
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, (3-methyl-2-butenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.111	0.72 ug/L	92375	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	81
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

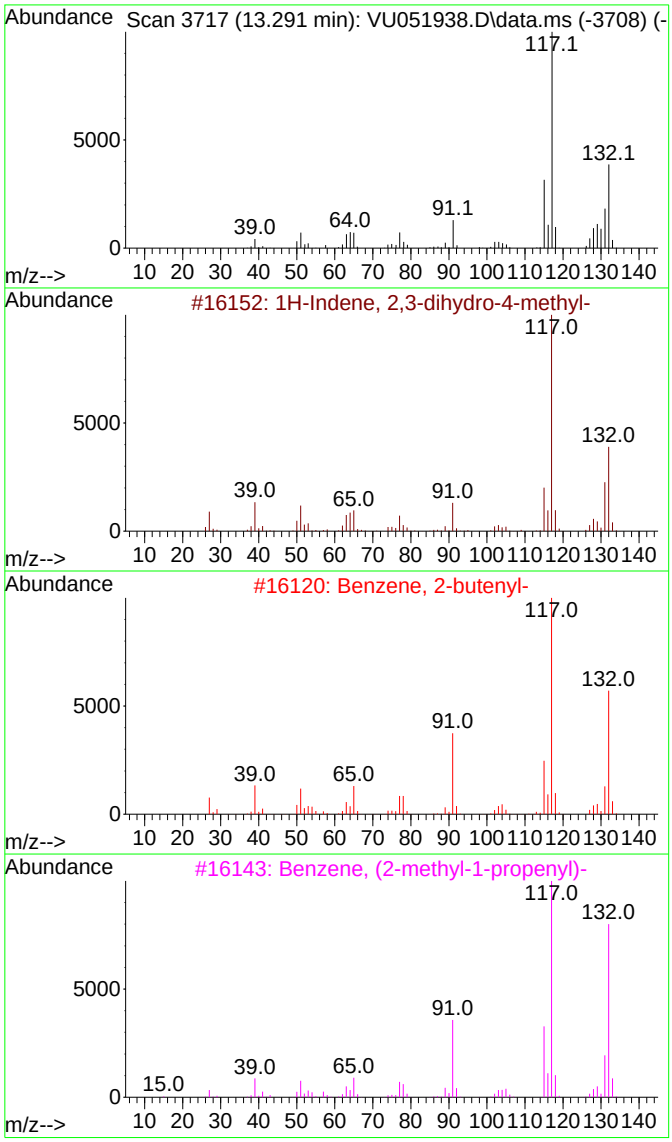
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

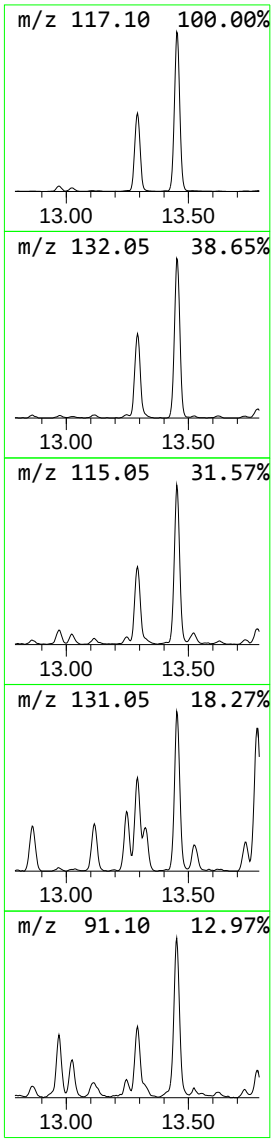
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	4.33 ug/L	554871	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

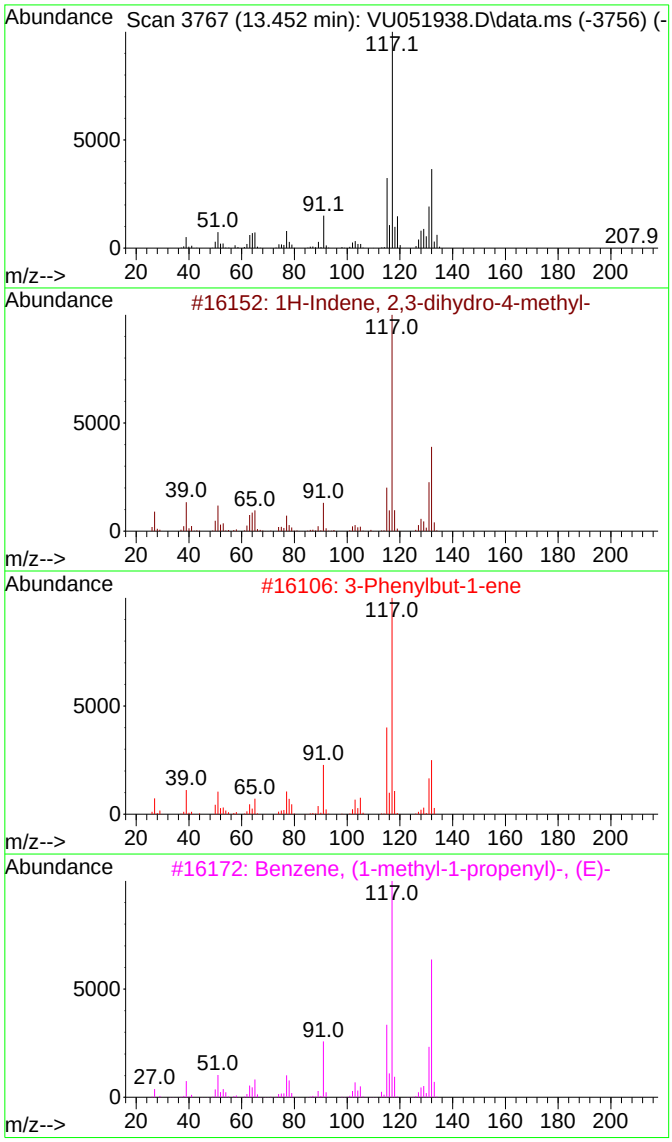
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

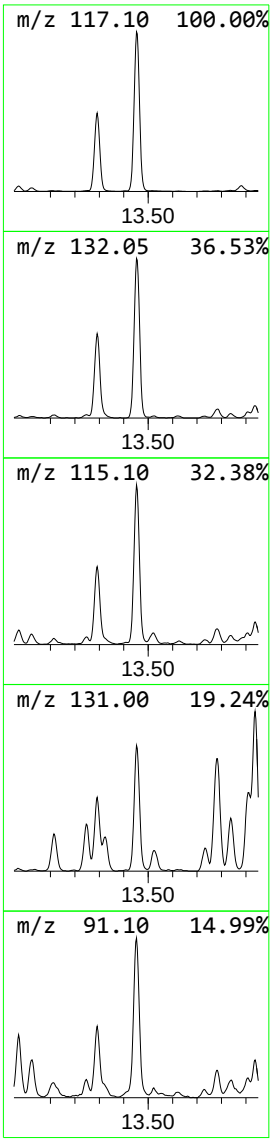
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	8.30 ug/L	1063240	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

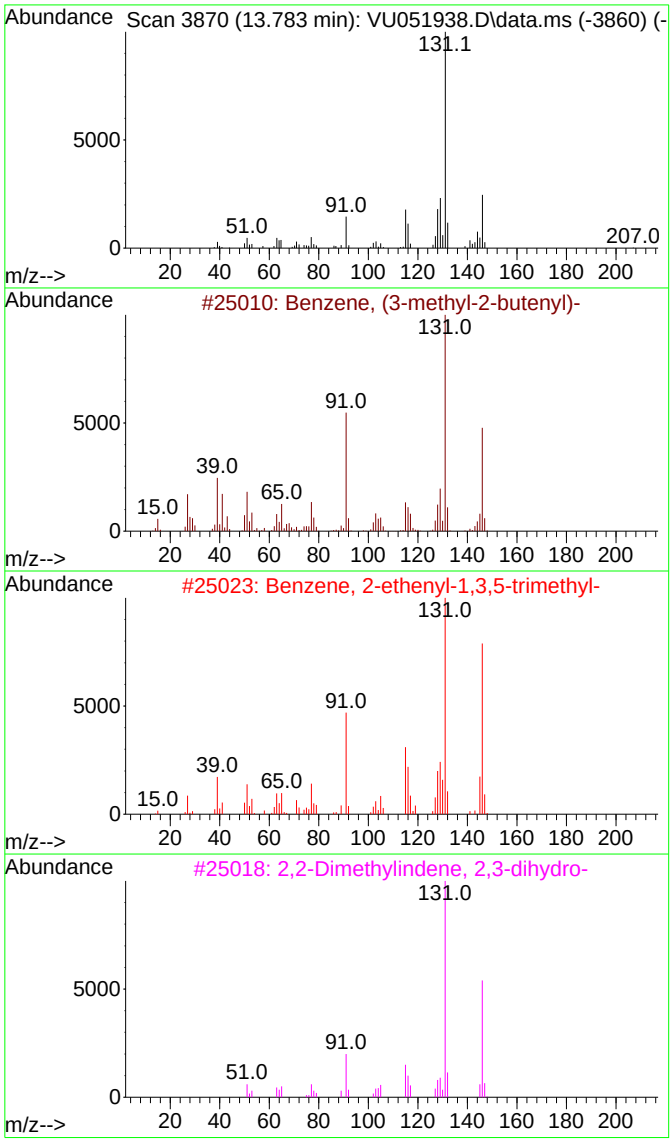
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

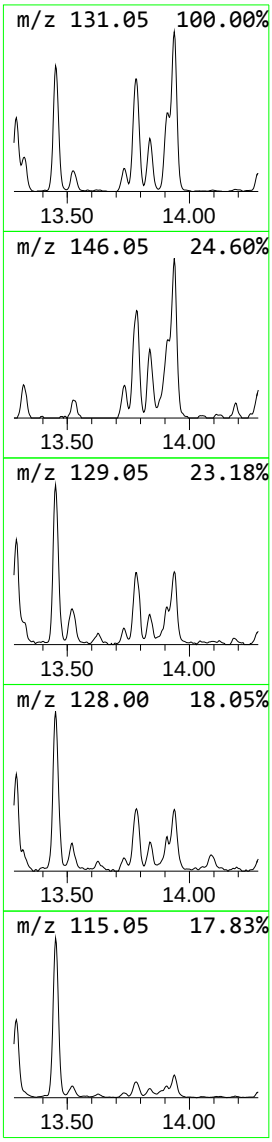
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.783	1.49 ug/L	191230	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	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-1,3-dimet...	146	C11H14	004175-53-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

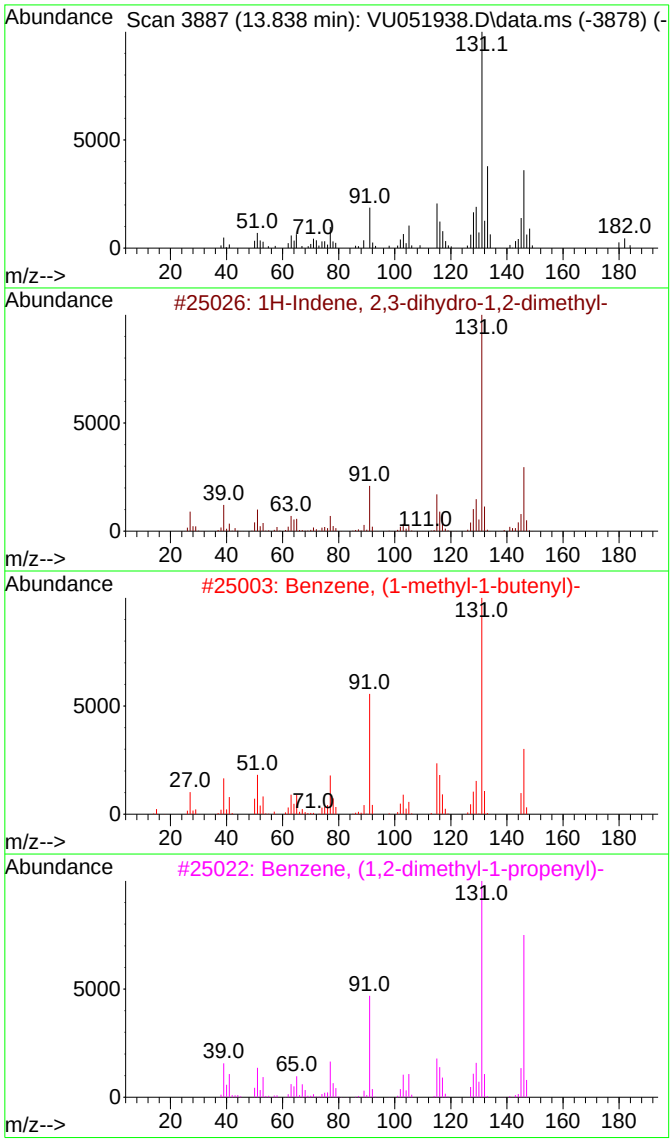
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

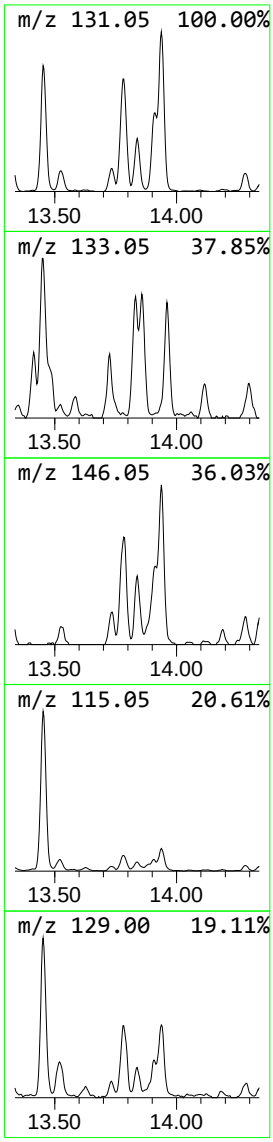
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	1.22 ug/L	156697	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	95
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

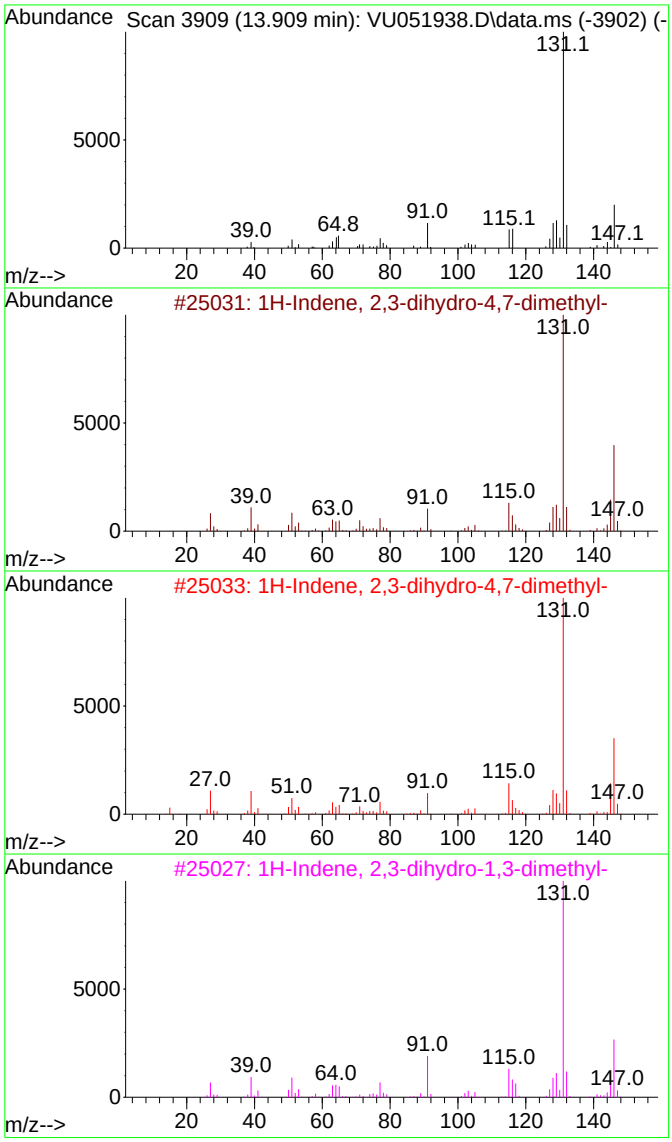
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

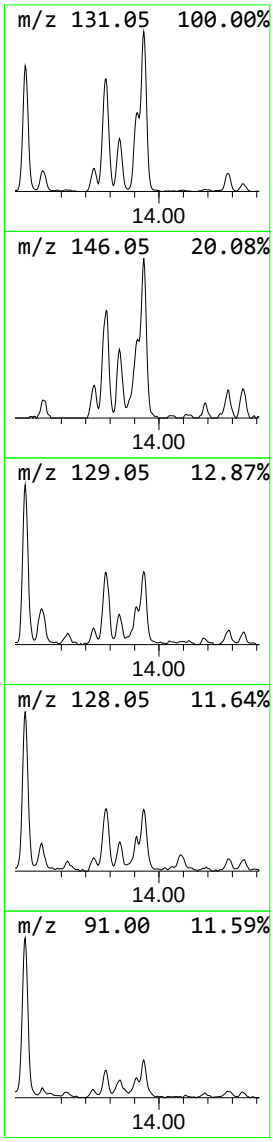
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.909	0.83 ug/L	106906	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	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

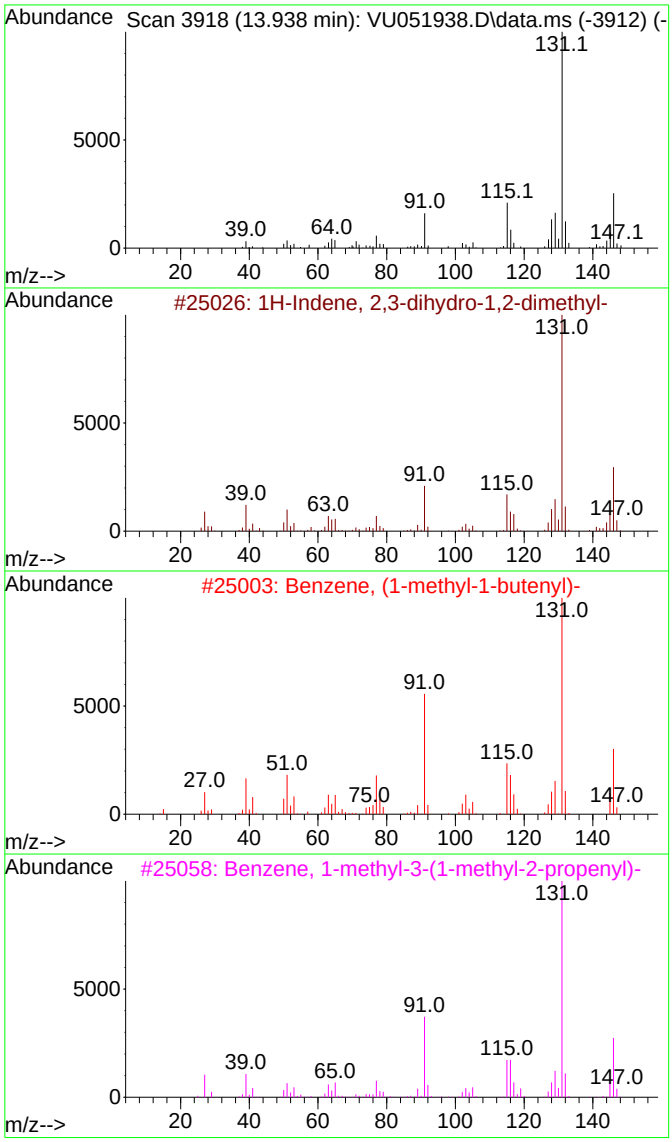
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0

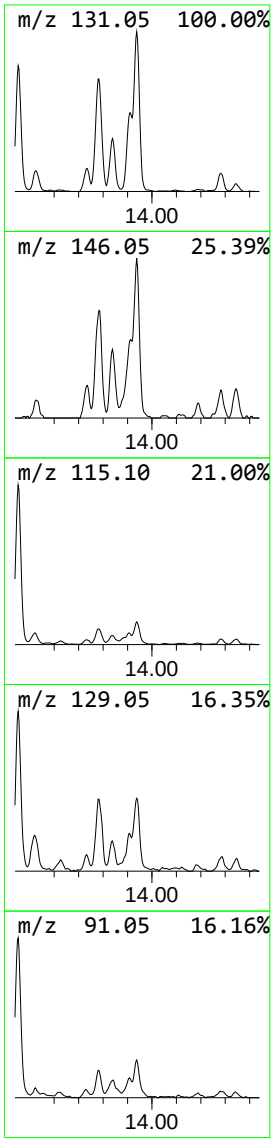
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, (1-methyl-1-butenyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	1.90 ug/L	243447	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051938.D
Acq On : 19 Nov 2022 07:36
Operator : JC/MD
Sample : N5685-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW707

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.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...	1.993	3.2	ug/L	380542	1	6.247	588080	5.0
(DEL) Alkane: S...	2.202	0.9	ug/L	108731	1	6.247	588080	5.0
(DEL) Alkane: S...	3.041	2.7	ug/L	322451	1	6.247	588080	5.0
(DEL) Alkane: S...	3.083	2.2	ug/L	261206	1	6.247	588080	5.0
(DEL) Alkane: S...	3.359	7.0	ug/L	822441	1	6.247	588080	5.0
2-Ethyl-oxetane	3.700	1.1	ug/L	126732	1	6.247	588080	5.0
(DEL) Alkane: S...	3.977	0.6	ug/L	66184	1	6.247	588080	5.0
(DEL) Alkane: S...	4.089	0.7	ug/L	79214	1	6.247	588080	5.0
(DEL) Alkane: S...	4.334	0.7	ug/L	86059	1	6.247	588080	5.0
(DEL) Alkane: C...	4.530	4.7	ug/L	557428	1	6.247	588080	5.0
(DEL) Alkane: S...	4.999	0.5	ug/L	63586	1	6.247	588080	5.0
(DEL) Alkane: S...	5.125	1.4	ug/L	169228	1	6.247	588080	5.0
(DEL) Alkane: S...	5.298	0.6	ug/L	73274	1	6.247	588080	5.0
(DEL) Alkane: S...	5.459	2.5	ug/L	292376	1	6.247	588080	5.0
(DEL) Alkane: C...	5.636	3.5	ug/L	416710	1	6.247	588080	5.0
(DEL) Alkane: C...	5.848	3.8	ug/L	443029	1	6.247	588080	5.0
(DEL) Alkane: C...	5.919	3.4	ug/L	400733	1	6.247	588080	5.0
(DEL) Alkane: C...	5.983	4.3	ug/L	510326	1	6.247	588080	5.0
(DEL) Alkane: S...	6.462	0.6	ug/L	67814	1	6.247	588080	5.0
(DEL) Alkane: S...	6.555	2.6	ug/L	310133	1	6.247	588080	5.0
(DEL) Alkane: C...	6.980	0.8	ug/L	90786	1	6.247	588080	5.0
Cyclohexene, 3-...	7.160	1.6	ug/L	192293	1	6.247	588080	5.0
(DEL) Alkane: C...	7.234	0.6	ug/L	75253	1	6.247	588080	5.0
Cyclobutane, (1...	7.395	1.7	ug/L	198200	1	6.247	588080	5.0
Cyclohexene, 1-...	7.758	1.5	ug/L	172719	1	6.247	588080	5.0
(DEL) Alkane: C...	8.038	0.5	ug/L	78483	2	9.414	734114	5.0
(DEL) Alkane: C...	8.243	0.9	ug/L	131395	2	9.414	734114	5.0
Cyclopentene, 1...	8.411	1.9	ug/L	272545	2	9.414	734114	5.0
Methyl ethyl cy...	8.883	0.6	ug/L	91518	2	9.414	734114	5.0
Benzene, propyl-	10.902	1.9	ug/L	246892	3	11.809	640728	5.0
Benzene, 1-ethy...	11.288	1.3	ug/L	172288	3	11.809	640728	5.0
Benzene, 1-meth...	11.642	1.0	ug/L	127178	3	11.809	640728	5.0
Benzene, 1,2-di...	12.095	3.5	ug/L	452438	3	11.809	640728	5.0
Benzene, 2-ethy...	12.462	1.7	ug/L	215017	3	11.809	640728	5.0
Benzene, 2-ethy...	12.568	4.4	ug/L	560772	3	11.809	640728	5.0
(E)-1-Phenyl-1-...	12.610	1.9	ug/L	244651	3	11.809	640728	5.0
Indan, 1-methyl-	12.677	8.7	ug/L	1110720	3	11.809	640728	5.0
Benzene, 1,2,3,...	12.970	2.4	ug/L	304536	3	11.809	640728	5.0
Benzene, 1,2,3,...	13.021	1.6	ug/L	203415	3	11.809	640728	5.0
Benzene, (3-met...	13.111	0.7	ug/L	92375	3	11.809	640728	5.0
1H-Indene, 2,3-...	13.291	4.3	ug/L	554871	3	11.809	640728	5.0
3-Phenylbut-1-ene	13.452	8.3	ug/L	1063240	3	11.809	640728	5.0
Benzene, 2-ethe...	13.783	1.5	ug/L	191230	3	11.809	640728	5.0
1H-Indene, 2,3-...	13.838	1.2	ug/L	156697	3	11.809	640728	5.0
1H-Indene, 2,3-...	13.909	0.8	ug/L	106906	3	11.809	640728	5.0
Benzene, (1-met...	13.938	1.9	ug/L	243447	3	11.809	640728	5.0