LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

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_V\Method\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028912.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	47	54	68	rBV	760283	647089	1.45%	0.307%
2	1.307	73	83	92	rBV	3119383	3097303	6.92%	1.470%
3	1.629	172	183	209	rVB	5943327	7401081	16.54%	3.514%
4	1.799	226	236	254	rVB	803711	1062728	2.37%	0.505%
5	2.018	296	304	320	rVB	451386	625910	1.40%	0.297%
6	2.124	320	337	350	rBV2	392649	967682	2.16%	0.459%
7	2.494	423	452	455	rBV	4338072	7567930	16.91%	3.593%
8	2.523	457	461	472	rVB	5367343	8268728	18.47%	3.925%
9	2.754	513	533	564	rBV	4508606	8863895	19.80%	4.208%
10	3.034	605	620	638	rBV	273943	536919	1.20%	0.255%
11	3.532	756	775	796	rBV2	246190	781585	1.75%	0.371%
12	3.661	797	815	830	rVV	1893293	4821817	10.77%	2.289%
13	3.754	830	844	862	rVV	1757257	4317282	9.65%	2.050%
14	3.902	863	890	917	rVV	5423179	13308830	29.73%	6.318%
15	4.397	1036	1044	1078	rVB3	376105	1104265	2.47%	0.524%
16	4.664	1110	1127	1141	rBV3	2078074	5221762	11.67%	2.479%
17	4.757	1141	1156	1183	rVB	3919701	10073804	22.51%	4.782%
18	4.902	1183	1201	1231	rBV2	2368093	6676472	14.92%	3.170%
19	5.095	1231	1261	1276	rBV	19768489	44758344	100.00%	21.248%
20	5.172	1276	1285	1291	rVV2	1548165	3419732	7.64%	1.623%
21	5.230	1292	1303	1319	rVV	5846065	15301153	34.19%	7.264%
22	5.317	1319	1330	1367	rVB	1511892	3482597	7.78%	1.653%
23	5.613	1411	1422	1431	rBV	353938	707743	1.58%	0.336%
24	5.908	1503	1514	1530	rBV	669852	1361522	3.04%	0.646%
25	6.121	1551	1580	1593	rBV7	1136657	3787240	8.46%	1.798%
26	6.191	1593	1602	1611	rVV	602768	1147307	2.56%	0.545%
27	6.252	1611	1621	1629	rVV	667048	1310546	2.93%	0.622%
28	6.304	1630	1637	1646	rVV	399757	760003	1.70%	0.361%
29	6.359	1646	1654	1668	rVB	280770	524330	1.17%	0.249%
30	6.455	1669	1684	1700	rVB3	302241	700851	1.57%	0.333%
31	6.648	1728	1744	1763	rVB	3645472	7543489	16.85%	3.581%
32	6.773	1764	1783	1795	rBV	5285597	10893696	24.34%	5.172%
33	6.831	1795	1801	1812	rVB	569822	962067	2.15%	0.457%
34	7.076	1869	1877	1885	rBV2	298019	503015	1.12%	0.239%
35	7.256	1917	1933	1942	rBV4	666340	1518667	3.39%	0.721%
36	7.310	1943	1950	1964	rVB	544975	976083	2.18%	0.463%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

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_V\Method\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

37	7.928	2132	2142	2177	rVB	876681	1651175	3.69%	0.784%
38	8.085	2178	2191	2203	rBV3	551323	1139325	2.55%	0.541%
39	8.162	2204	2215	2230	rVV	1938335	3336644	7.45%	1.584%
40	8.719	2378	2388	2401	rBV	301806	530779	1.19%	0.252%
41	8.847	2418	2428	2438	rBV	502402	792496	1.77%	0.376%
42	9.005	2467	2477	2489	rBV	758683	1193286	2.67%	0.566%
43	9.924	2751	2763	2777	rBV	1078445	1680271	3.75%	0.798%
44	10.342	2876	2893	2908	rBV	2142961	3351801	7.49%	1.591%
45	11.243	3163	3173	3194	rVB	566178	914093	2.04%	0.434%
46	11.519	3246	3259	3280	rBV2	1833893	3705376	8.28%	1.759%
47	11.619	3280	3290	3315	rVB4	885879	1604915	3.59%	0.762%
48	12.008	3399	3411	3417	rBV	791988	1191166	2.66%	0.565%
49	12.104	3431	3441	3452	rBV	741345	1137531	2.54%	0.540%
50	12.403	3517	3534	3542	rBV	543142	836114	1.87%	0.397%
51	12.455	3542	3550	3566	rVB	532239	816446	1.82%	0.388%
52	12.715	3623	3631	3648	rVB	375799	571924	1.28%	0.272%
53	12.873	3659	3680	3692	rBV	742343	1187244	2.65%	0.564%

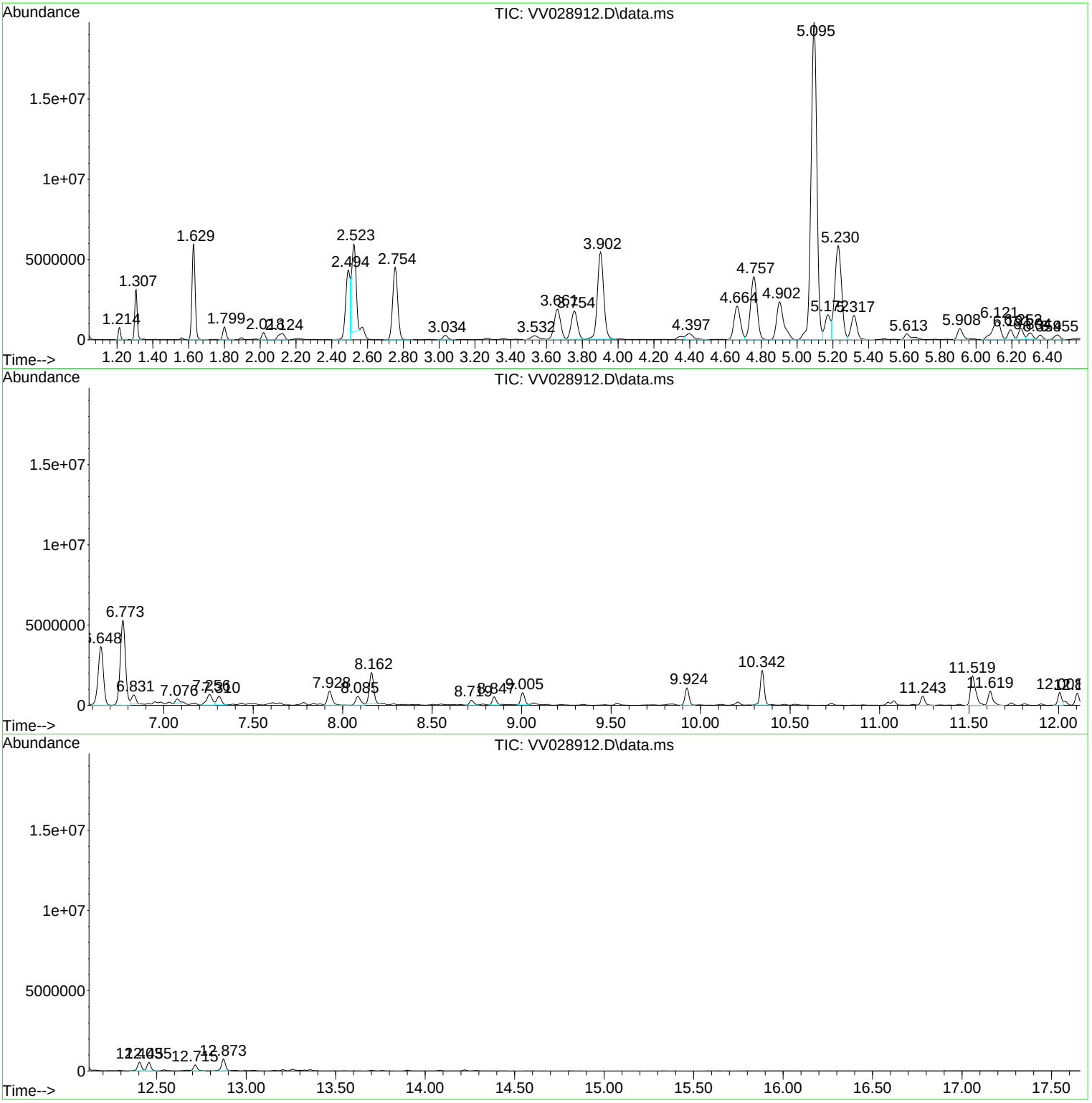
Sum of corrected areas: 210644053

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

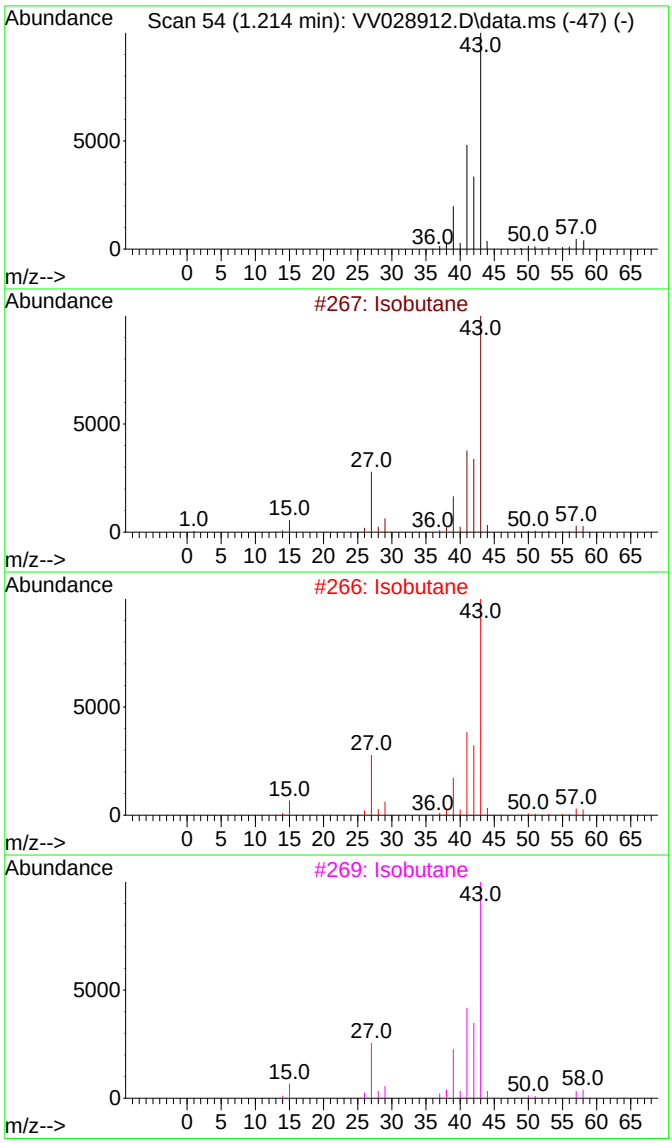
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

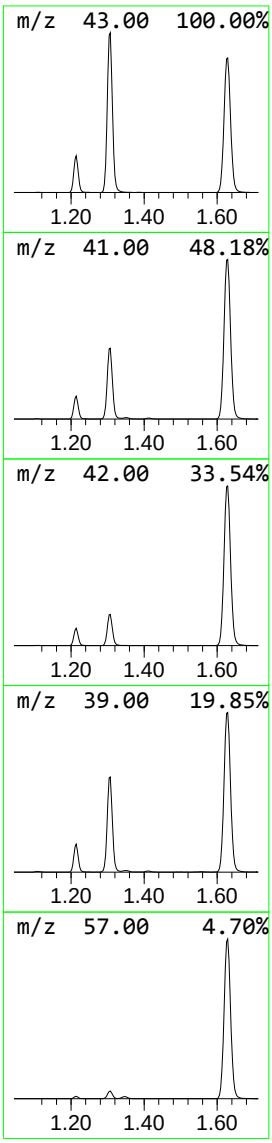
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.214	4.57 ug/L	647089	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	86
2	Isobutane	58	C4H10	000075-28-5	80
3	Isobutane	58	C4H10	000075-28-5	78
4	Isobutane	58	C4H10	000075-28-5	72
5	Isobutane	58	C4H10	000075-28-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

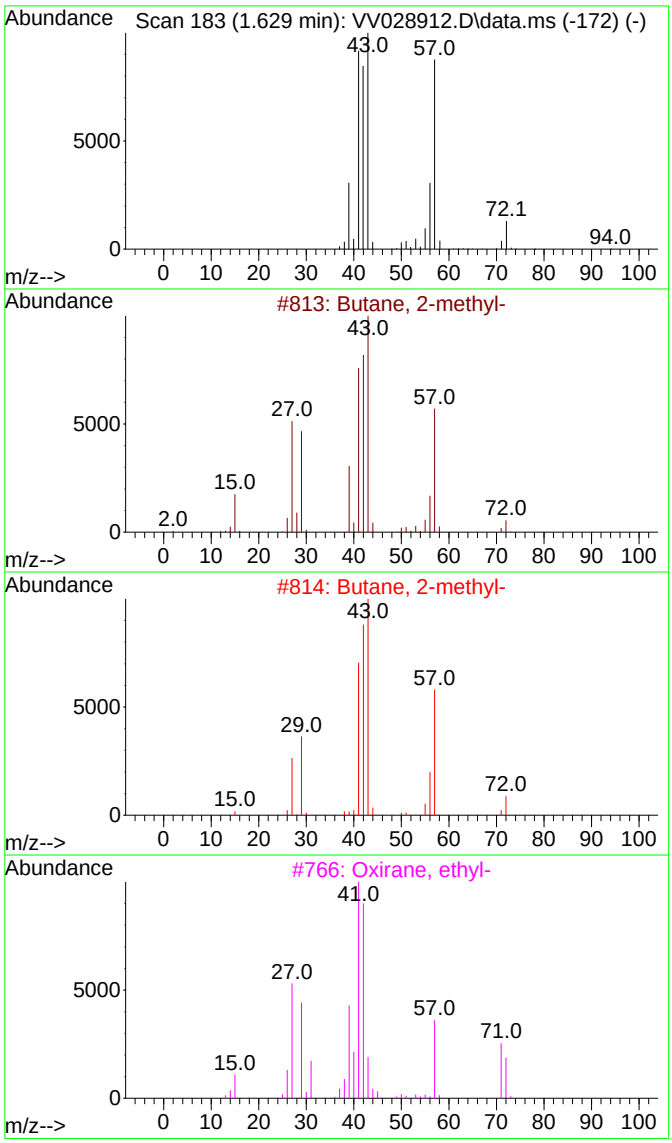
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

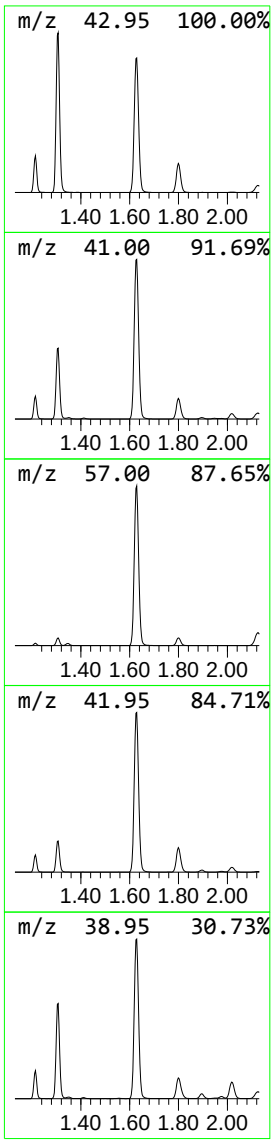
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.629	52.29 ug/L	7401080	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	83
2	Butane, 2-methyl-	72	C5H12	000078-78-4	72
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4	Pentane	72	C5H12	000109-66-0	42
5	Pentane	72	C5H12	000109-66-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

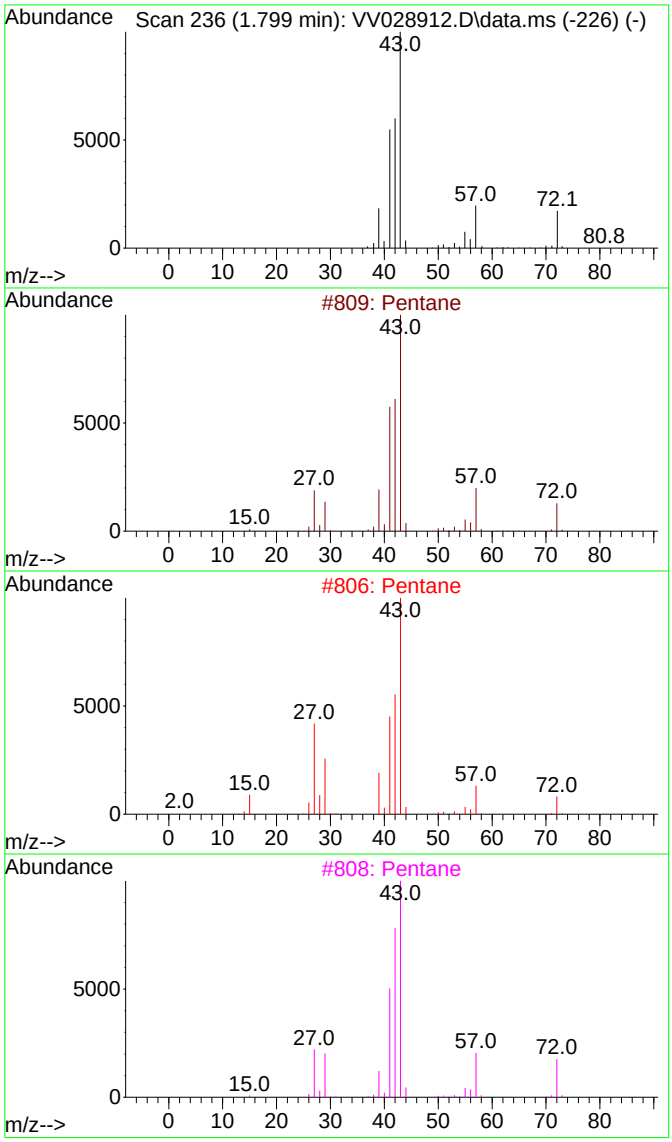
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

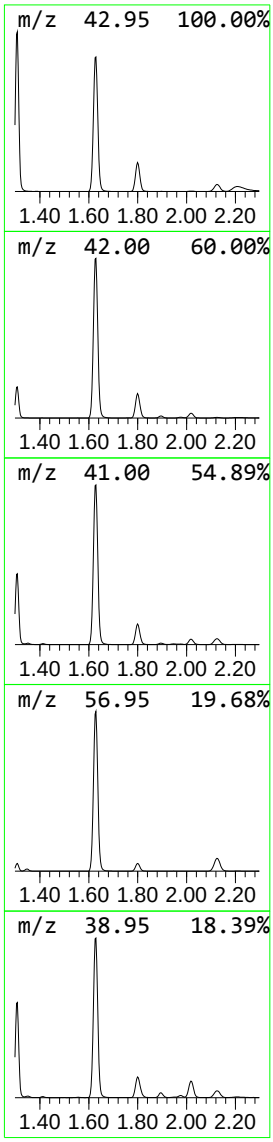
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.799	7.51 ug/L	1062730	1,4-Difluorobenzene	5.613

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	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

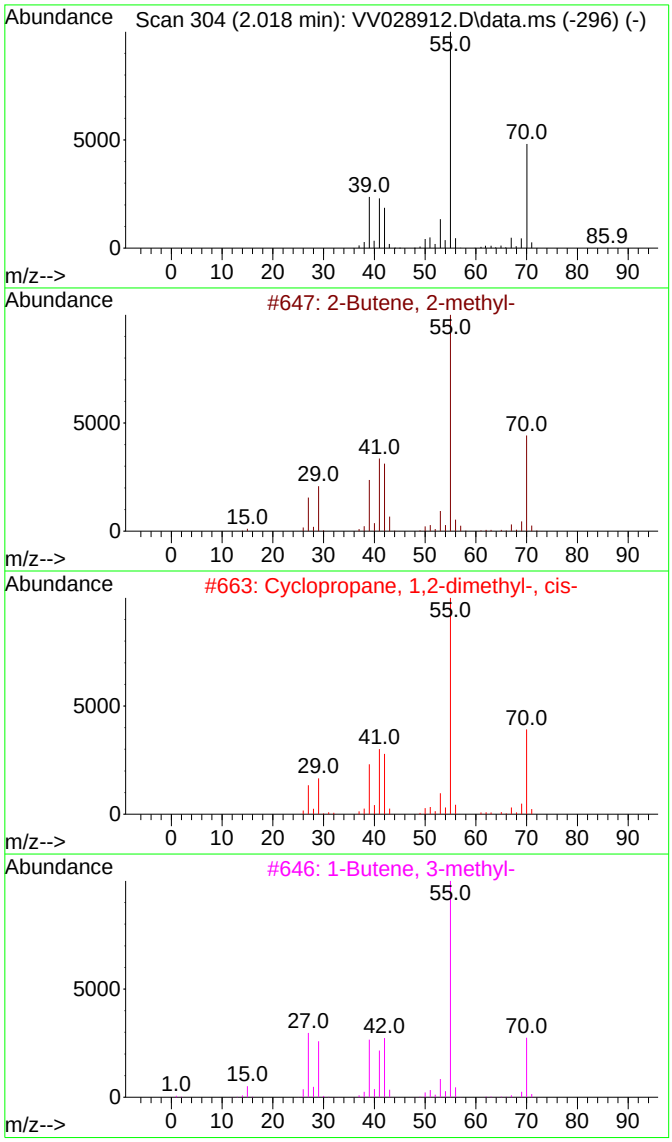
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

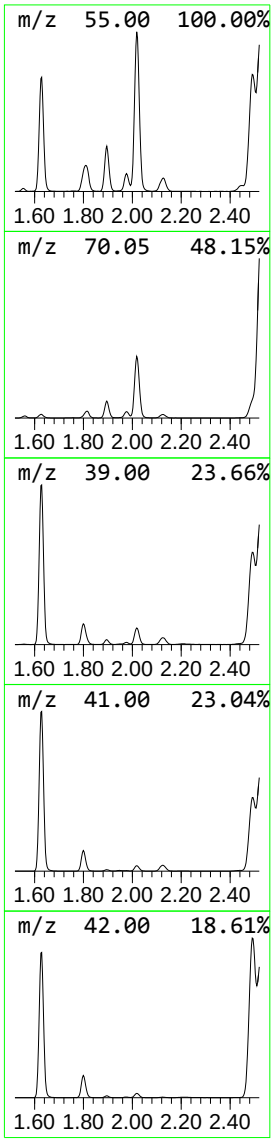
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.018	4.42 ug/L	625910	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
5	2-Methyl-1-butene	70	C5H10	000563-46-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

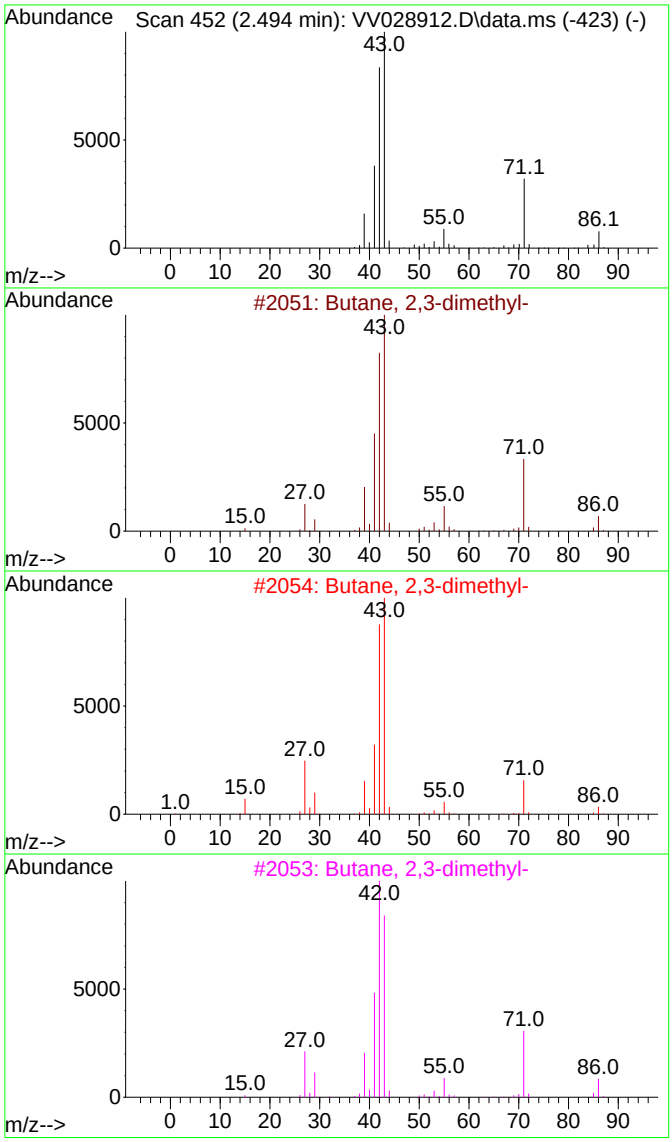
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

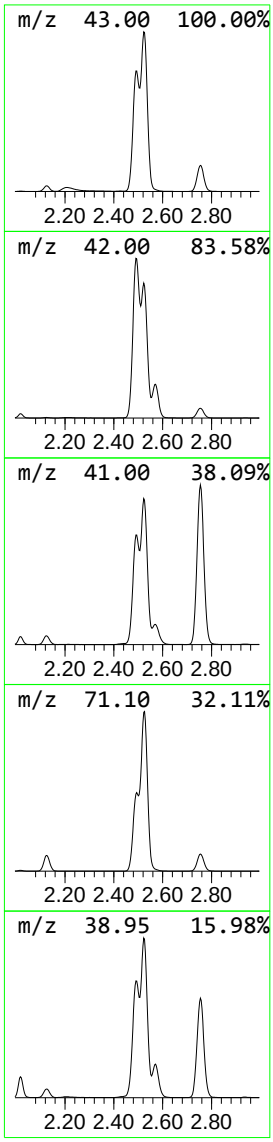
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.494	53.47 ug/L	7567930	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

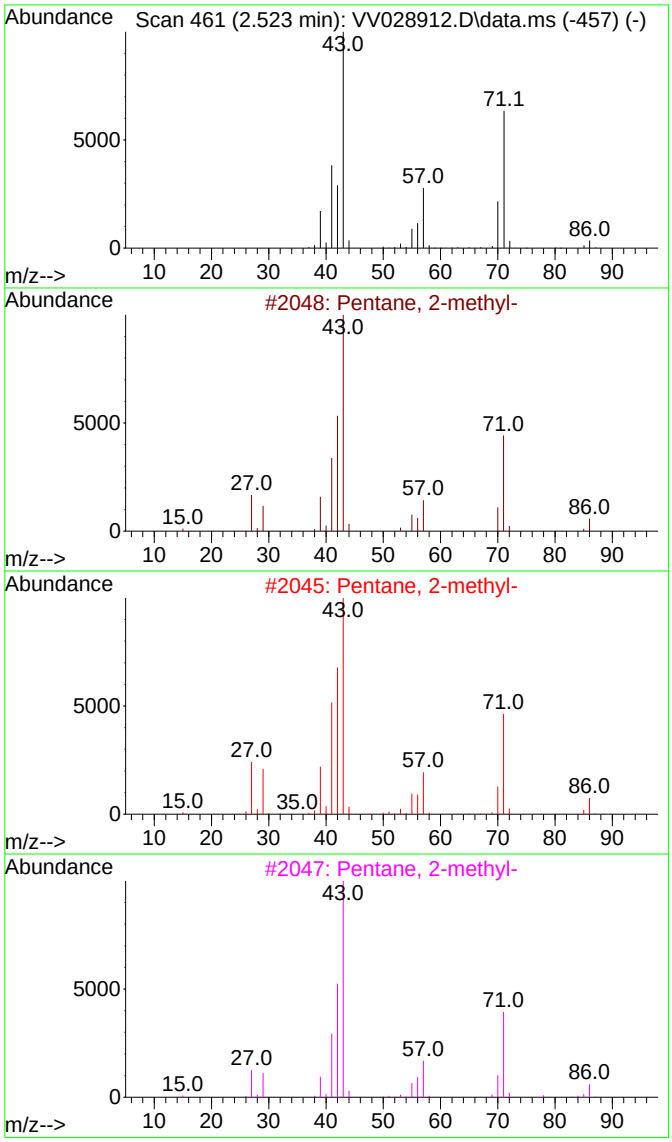
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

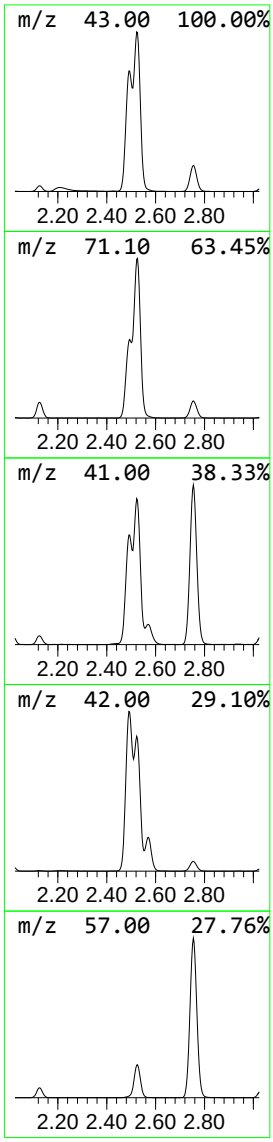
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.523	58.42 ug/L	8268730	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	80
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	58
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	42
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

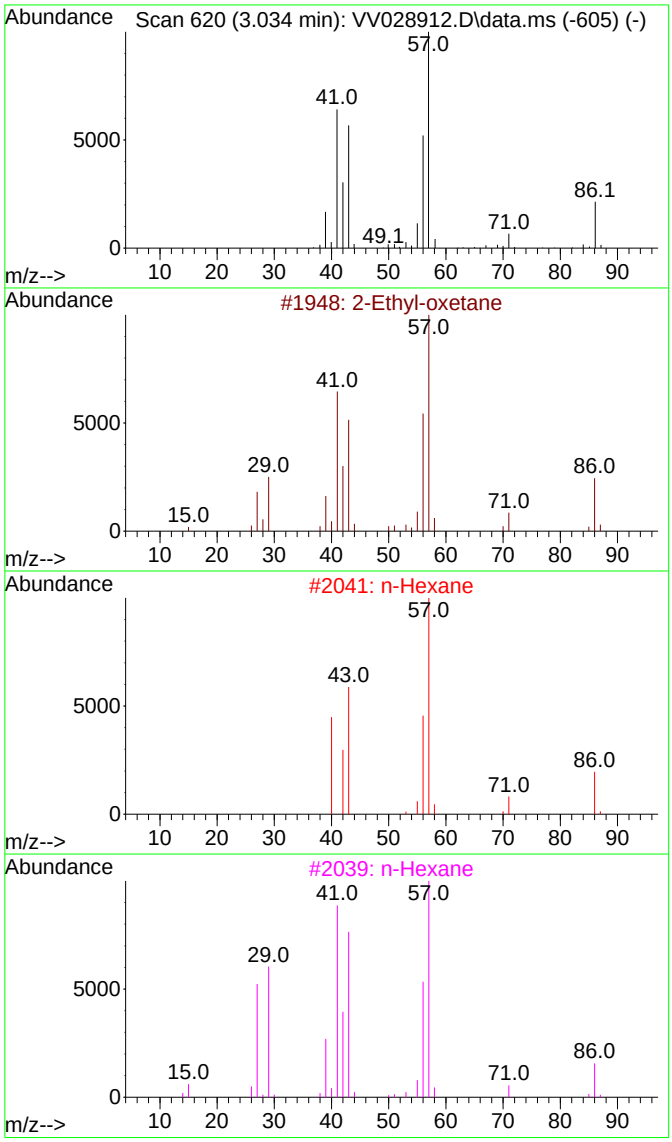
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

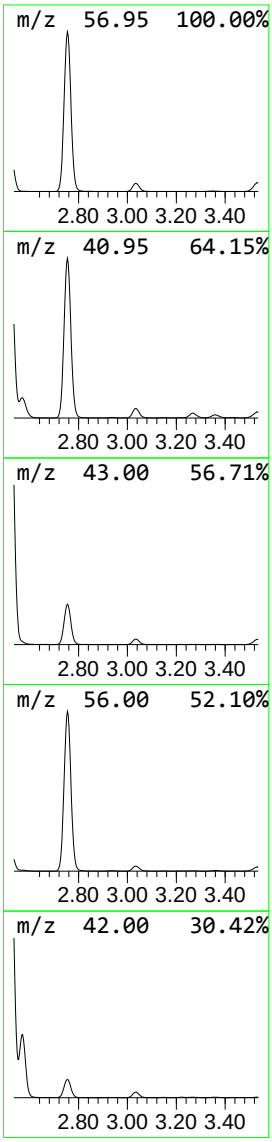
****

Peak Number 7 2-Ethyl-oxetane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	3.79 ug/L	536919	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

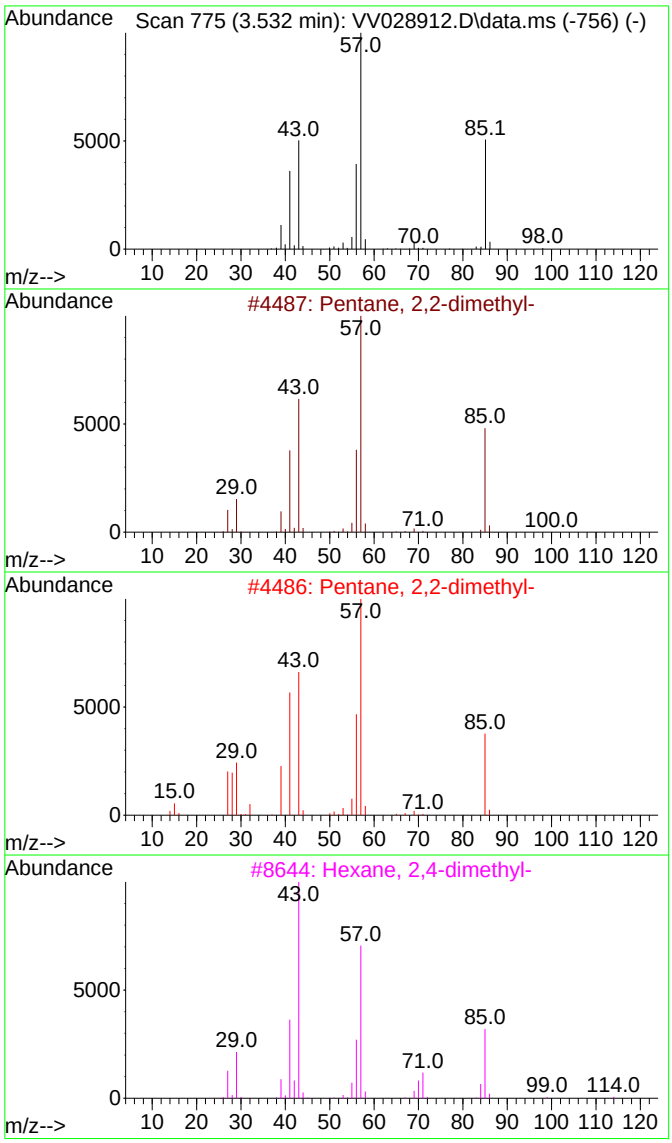
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

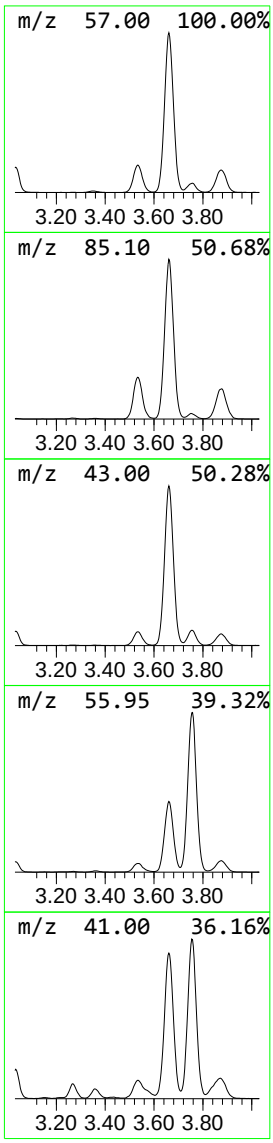
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.532	5.52 ug/L	781585	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	64
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

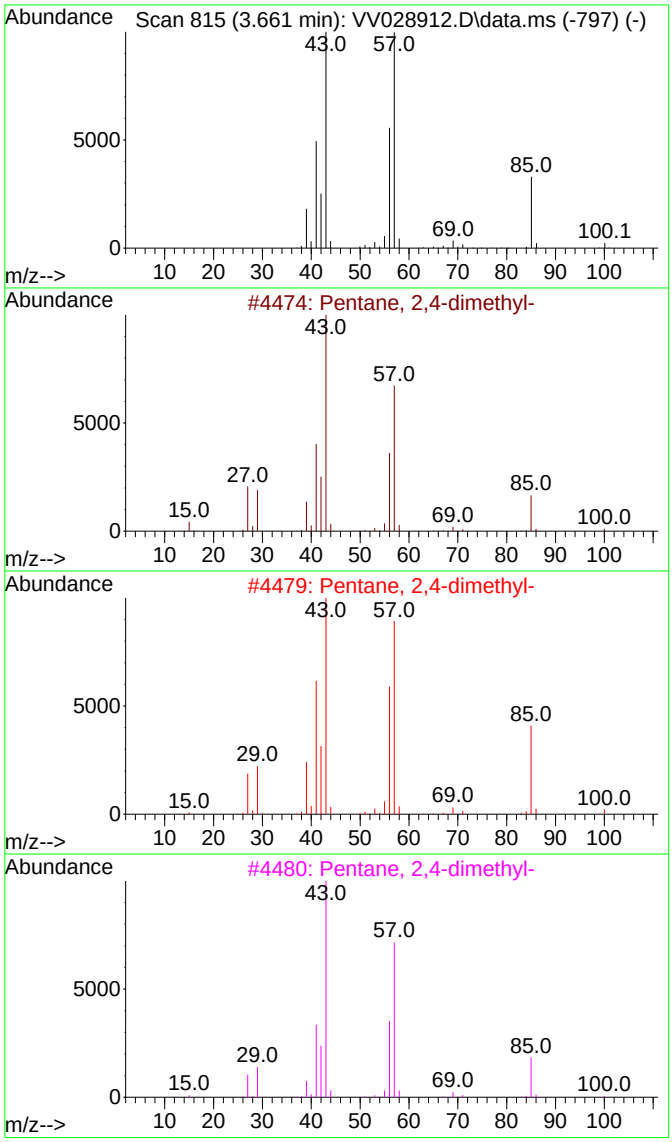
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

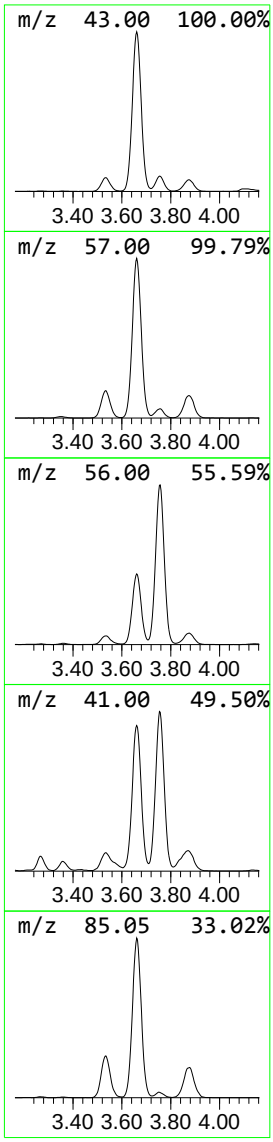
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.661	34.06 ug/L	4821820	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

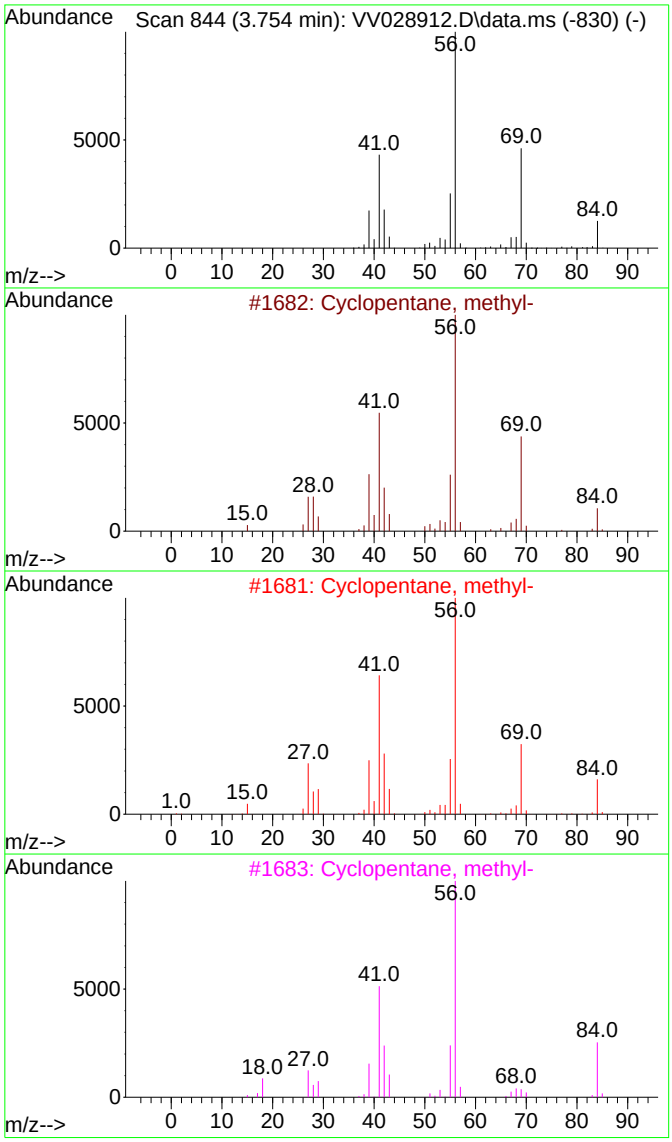
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

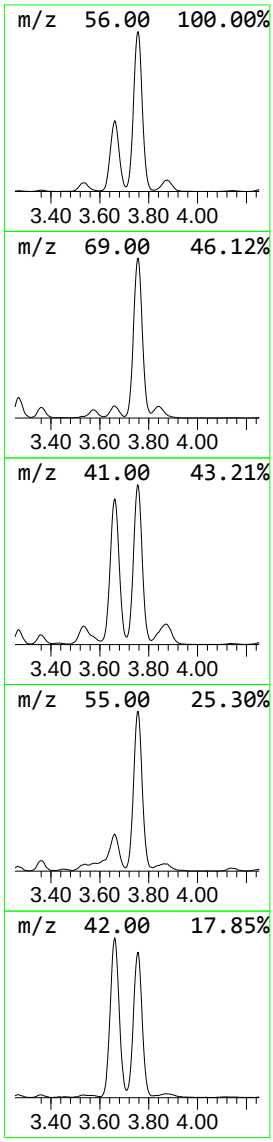
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic3.754 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.754	30.50 ug/L	4317280	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

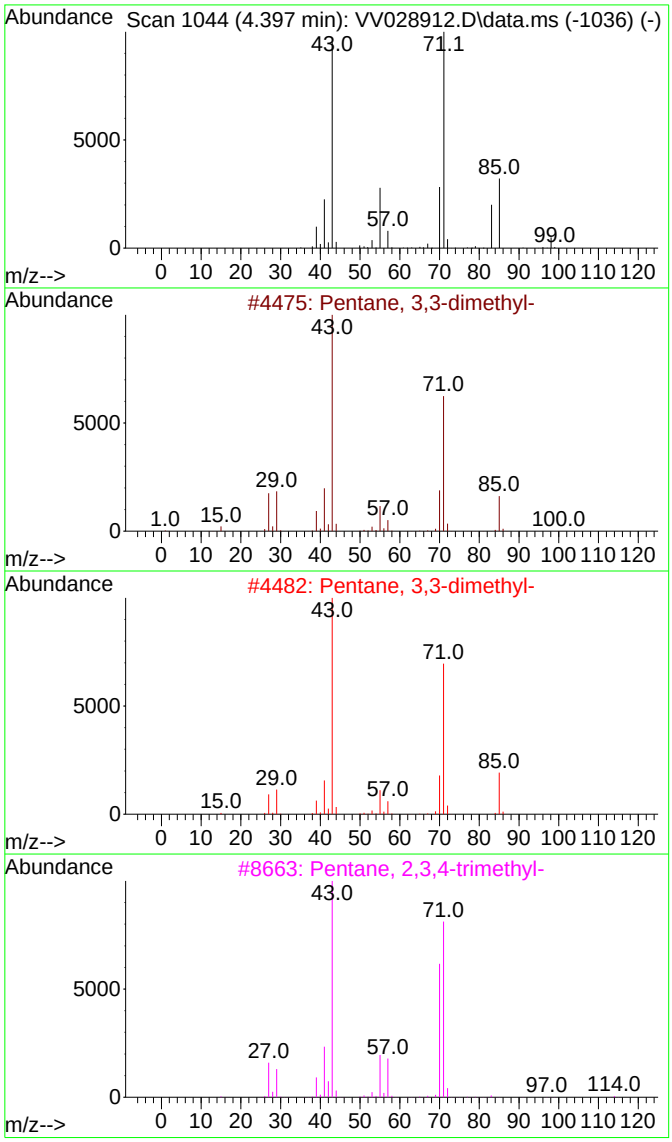
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

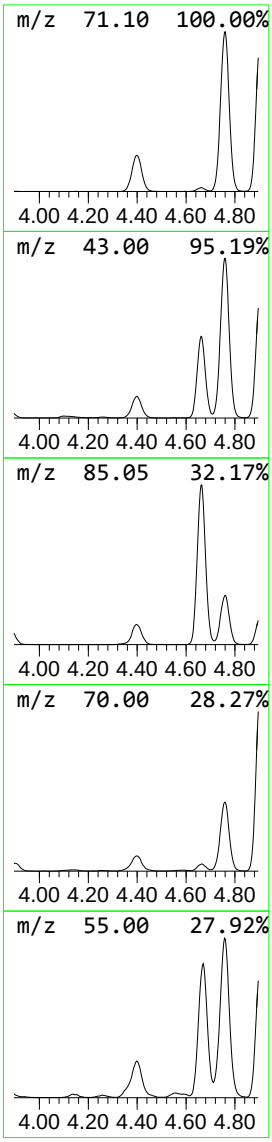
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.397	7.80 ug/L	1104270	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38
4	Propanoic acid, 2-methyl-, 2-met...	142	C8H14O2	000816-73-9	38
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

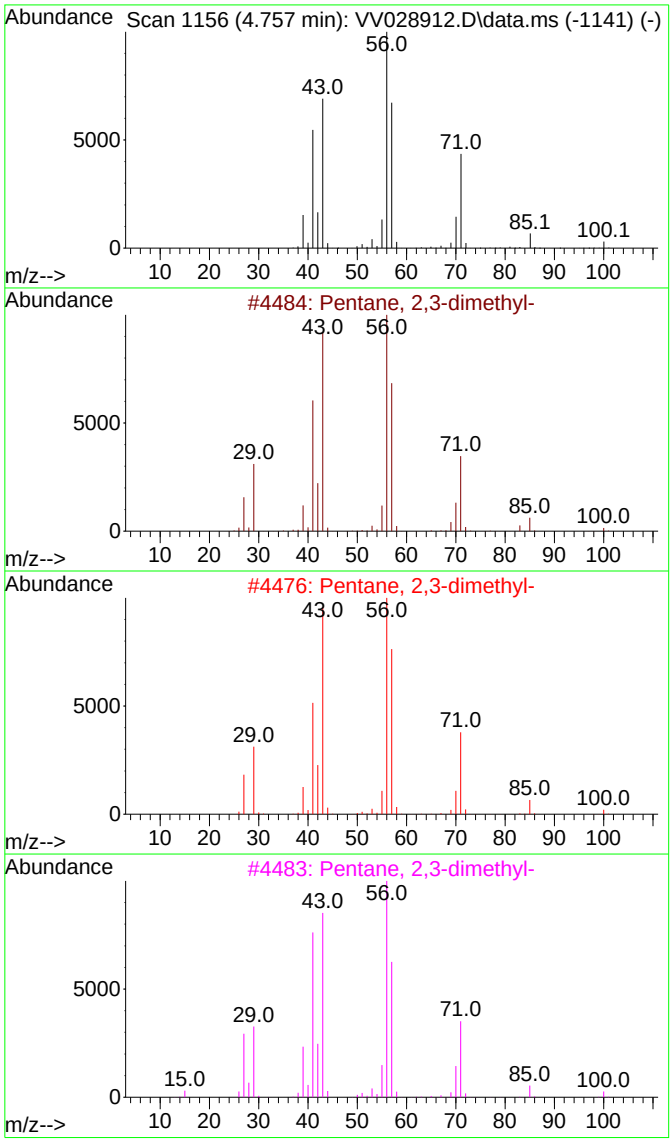
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

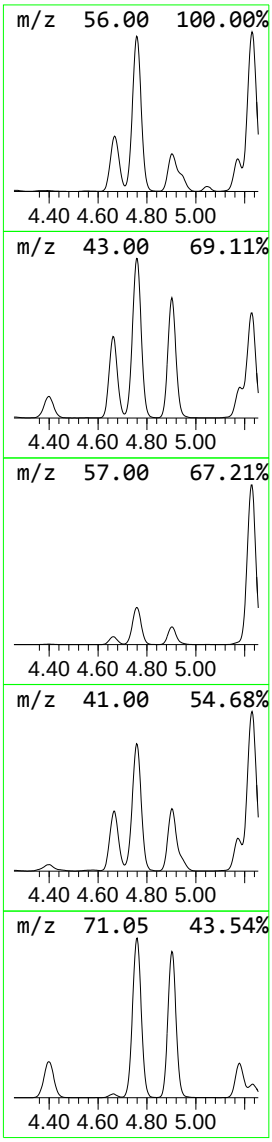
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.757	71.17 ug/L	10073800	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

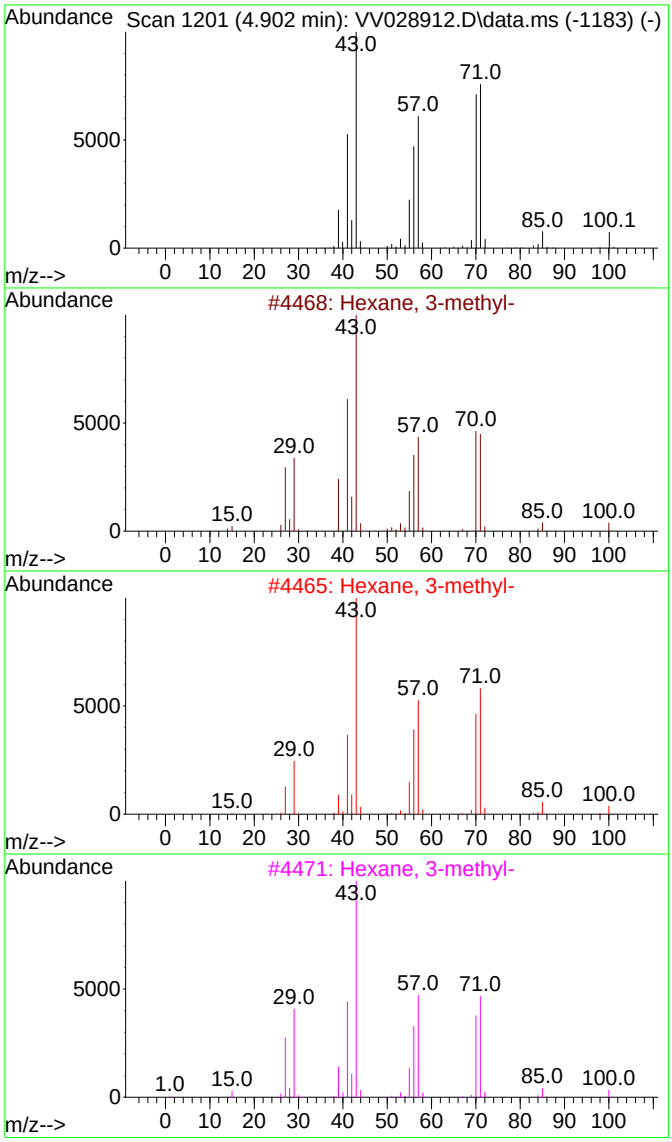
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

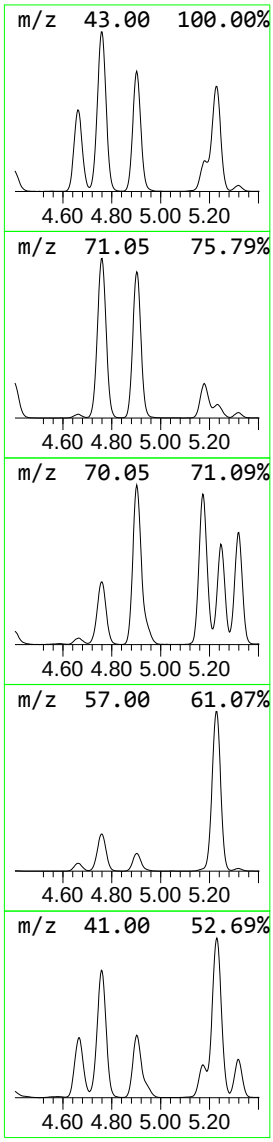
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.902	47.17 ug/L	6676470	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

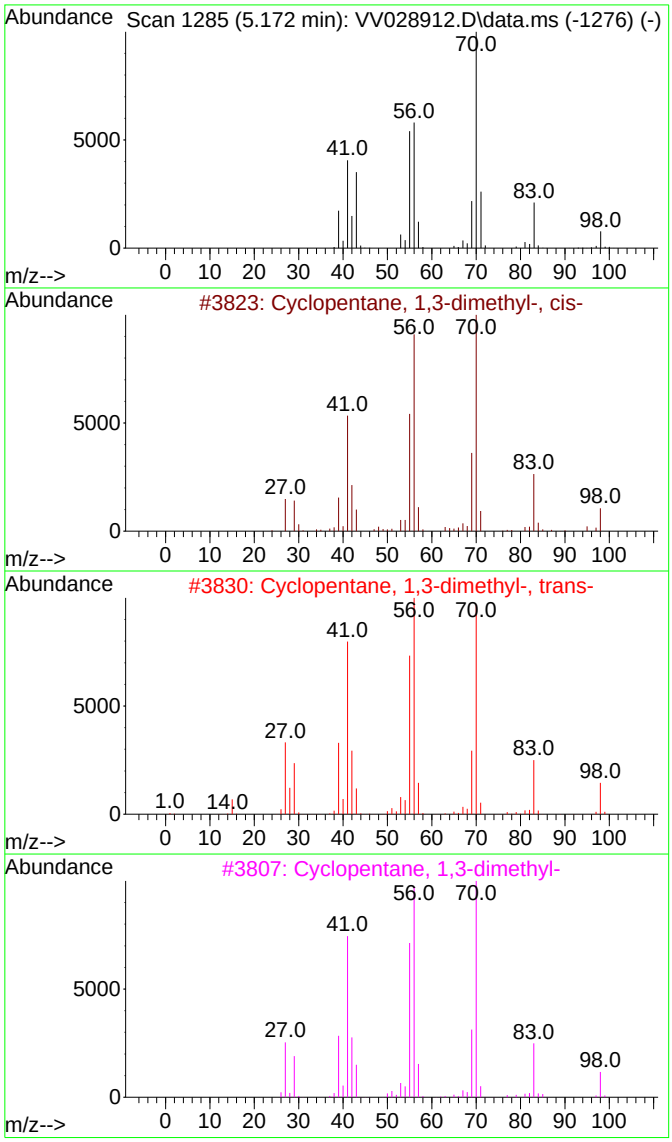
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

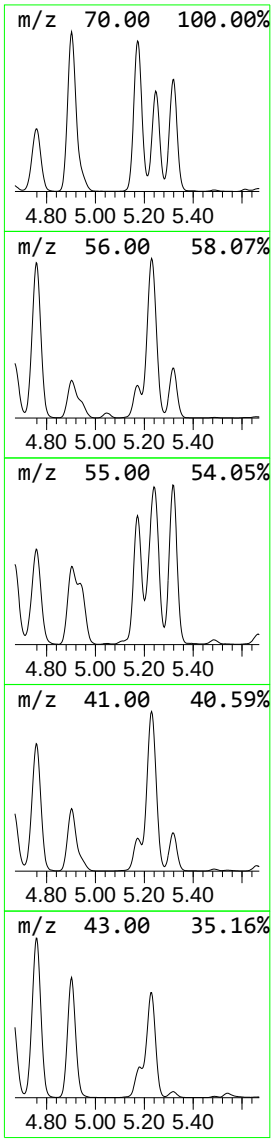
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic5.172 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.172	24.16 ug/L	3419730	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	58
5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

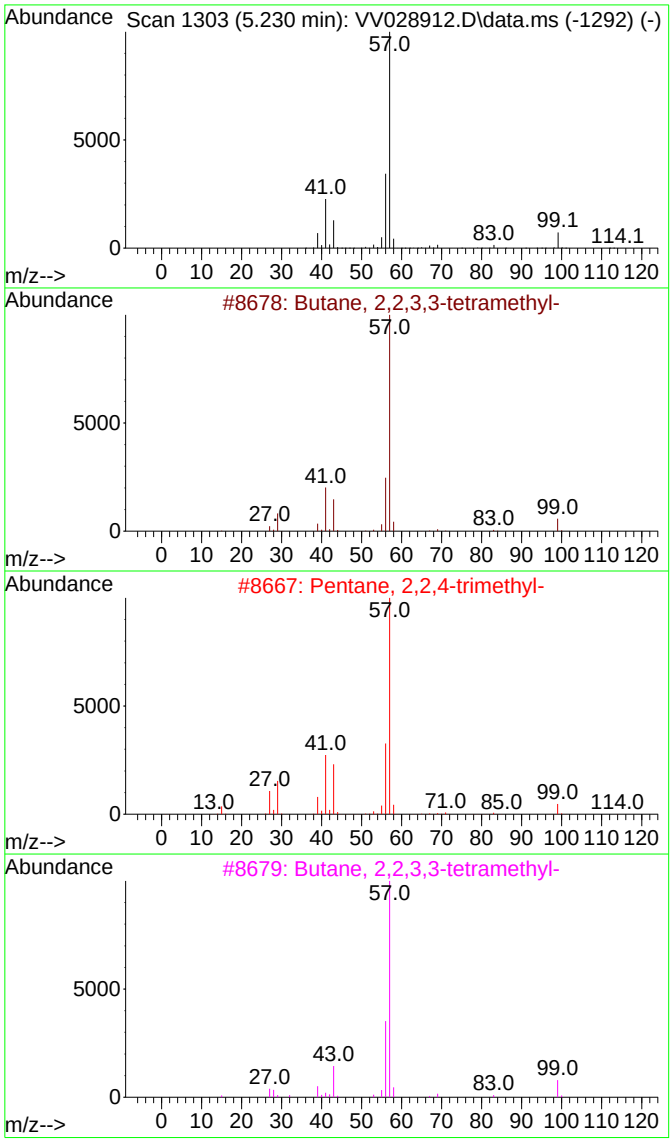
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

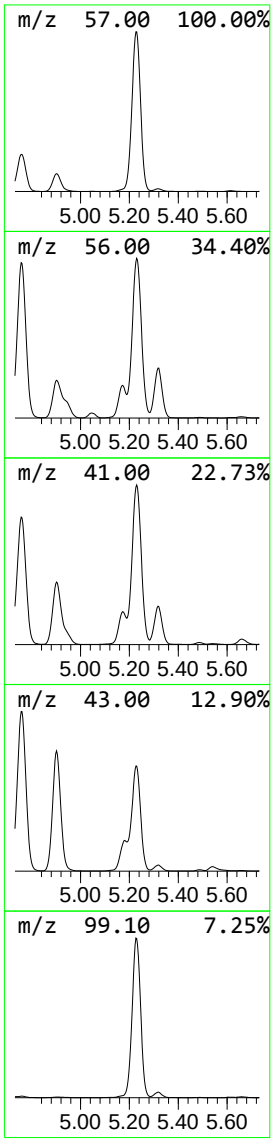
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.230	108.10 ug/L	15301200	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

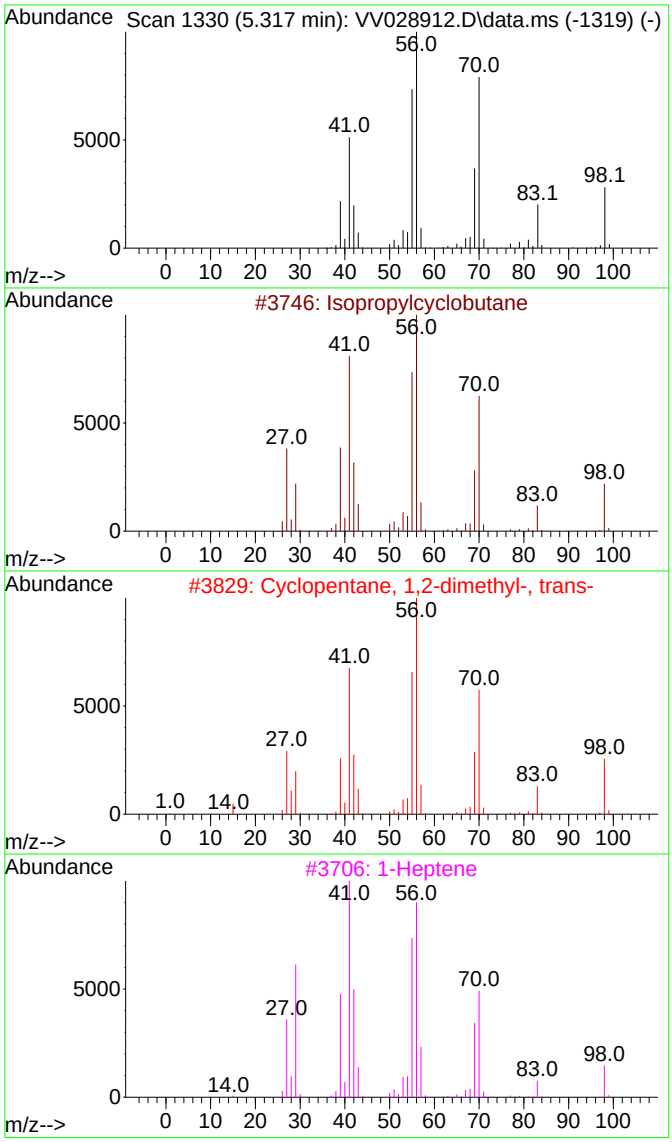
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

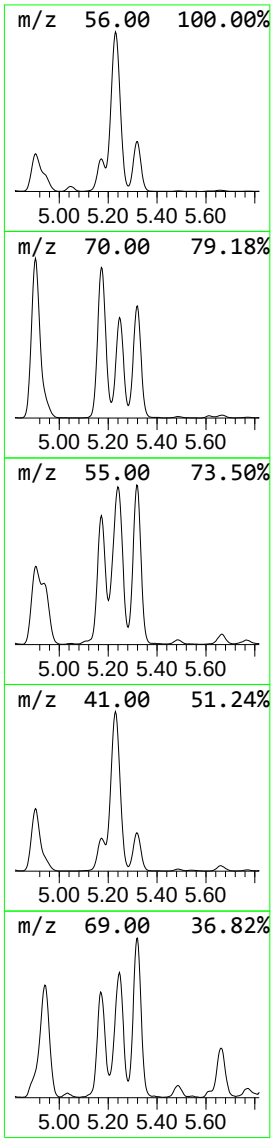
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic5.317 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.317	24.60 ug/L	3482600	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	91
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	1-Heptene	98	C7H14	000592-76-7	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

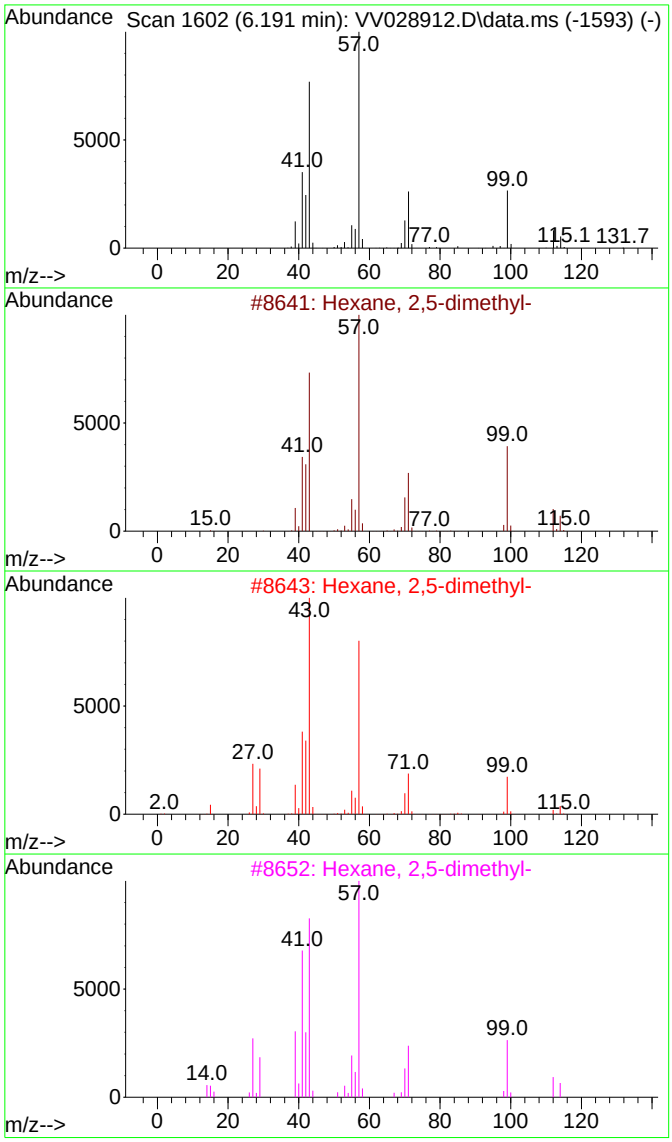
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

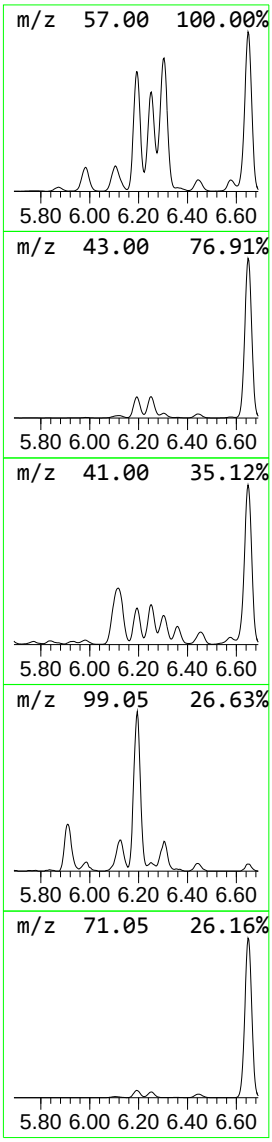
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.191	8.11 ug/L	1147310	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	93
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	86
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

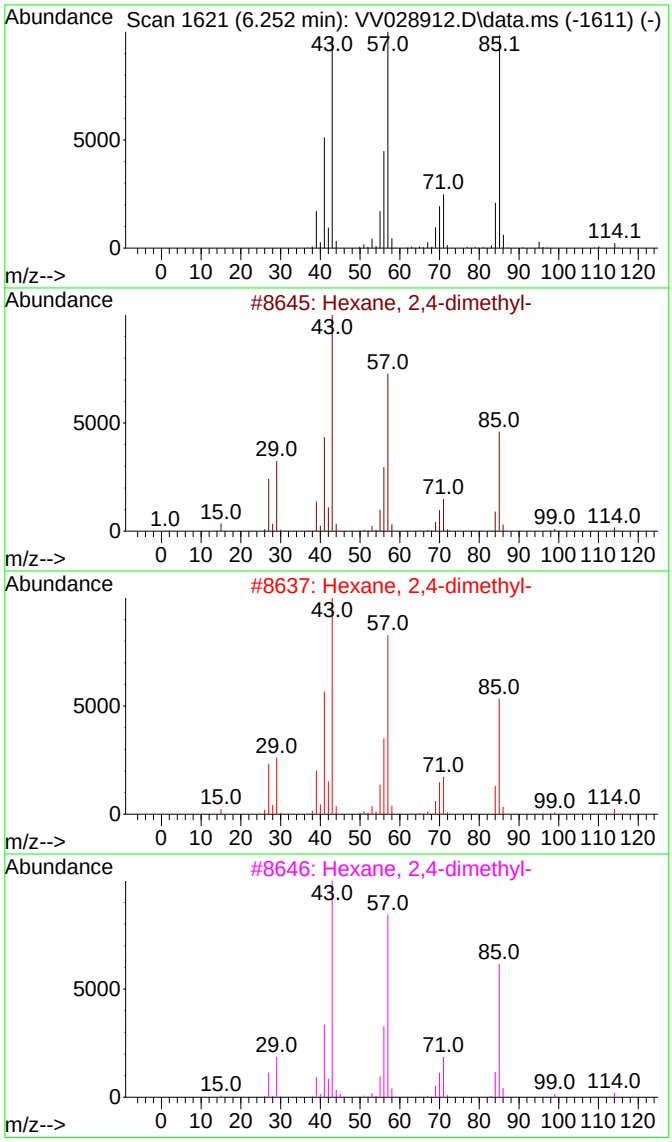
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

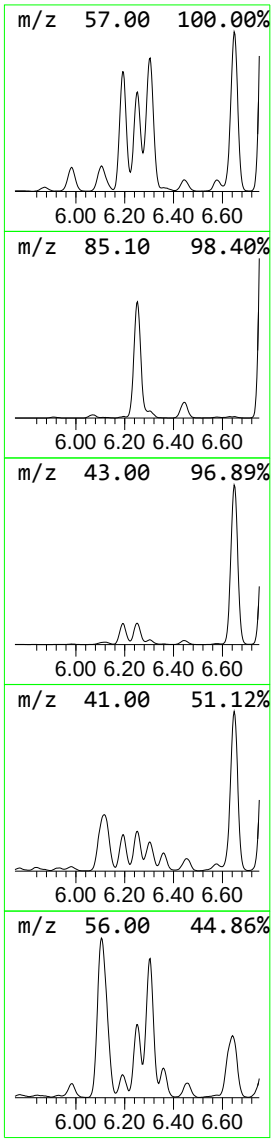
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.252	9.26 ug/L	1310550	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

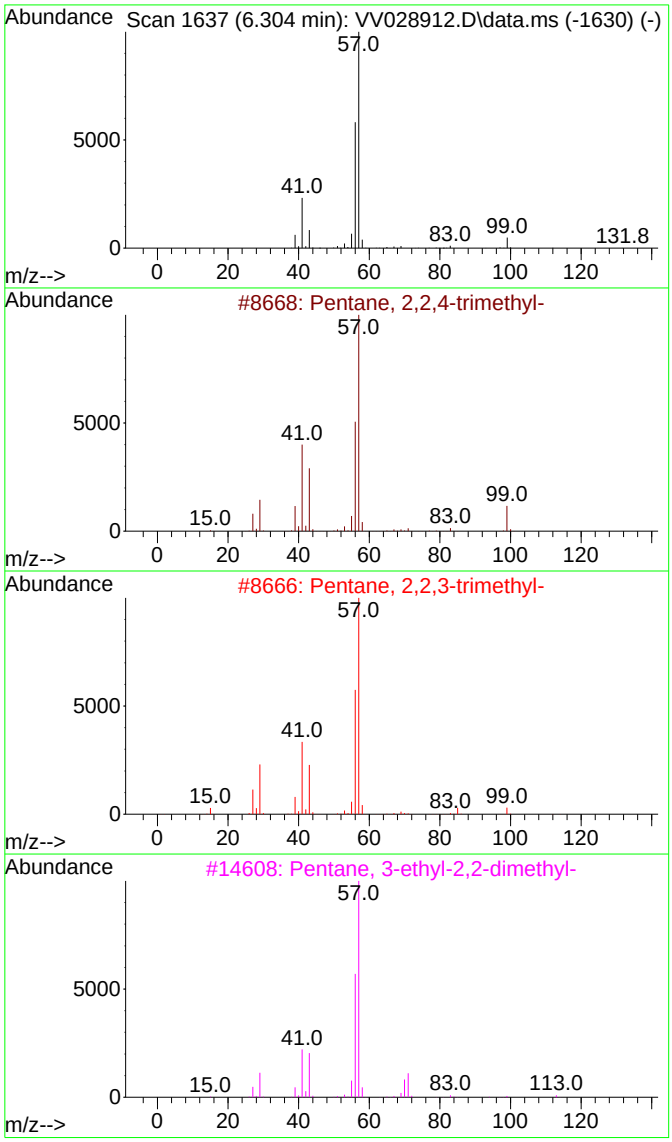
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

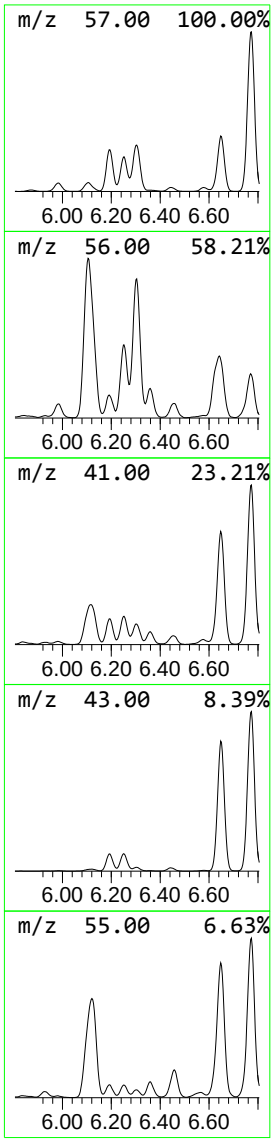
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.304	5.37 ug/L	760003	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	40
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

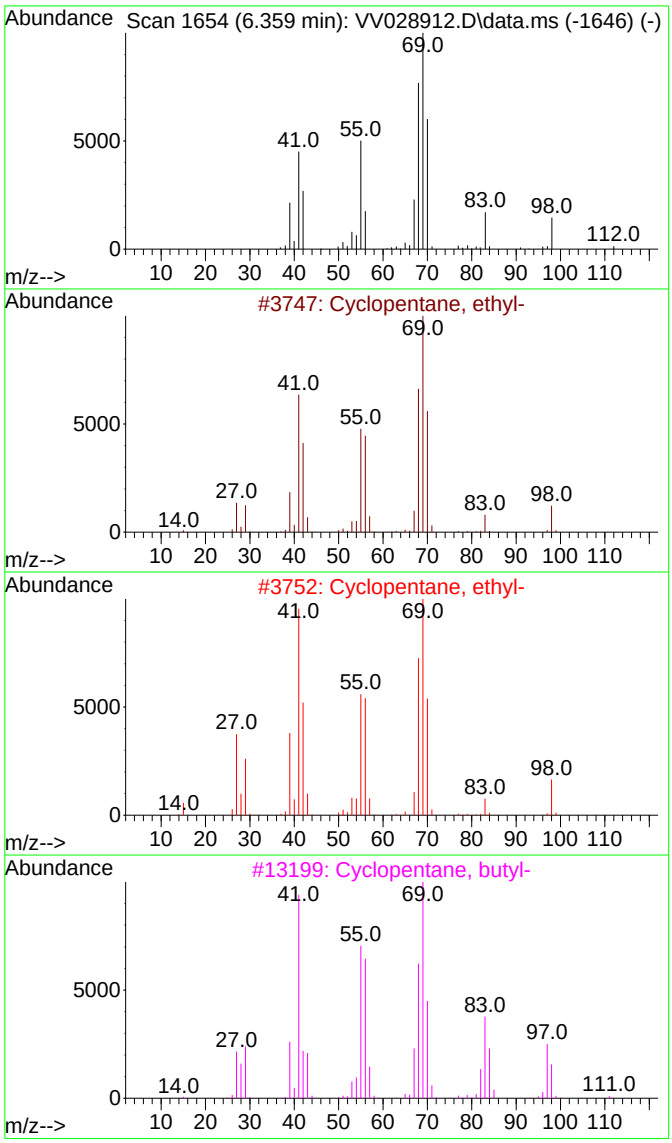
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

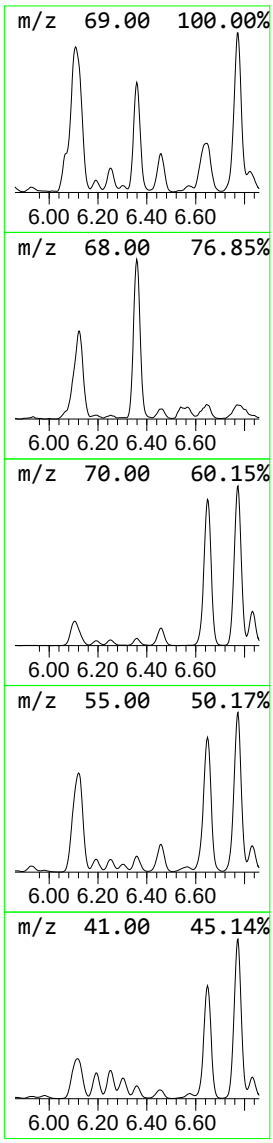
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic6.359 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.359	3.70 ug/L	524330	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	86
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	72
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	56
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	45
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

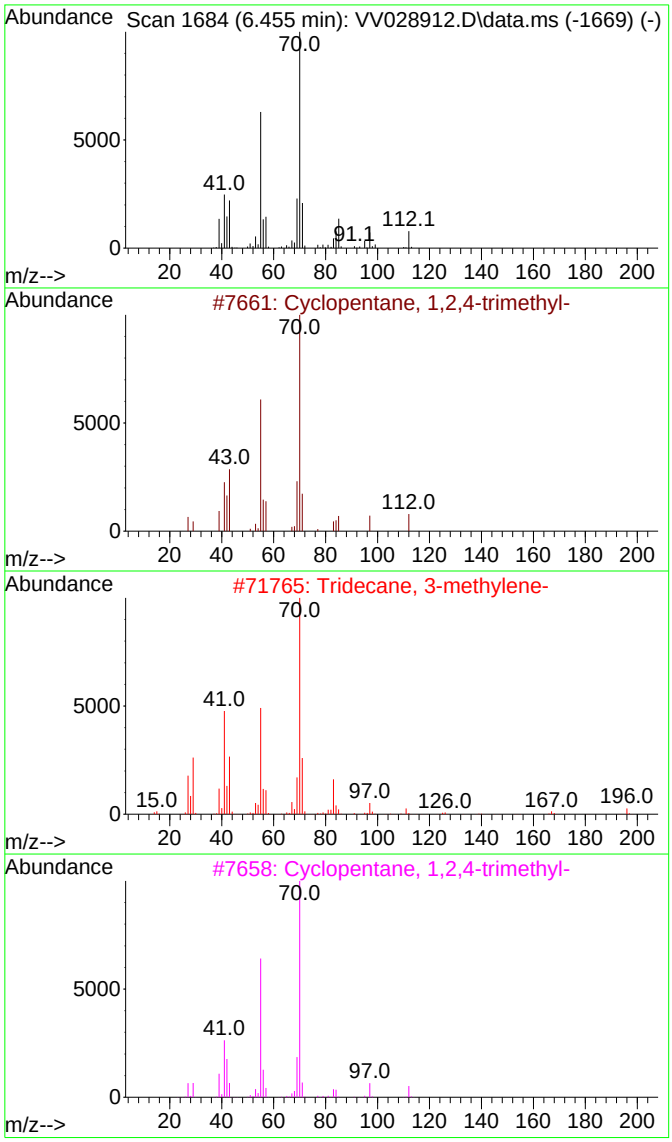
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

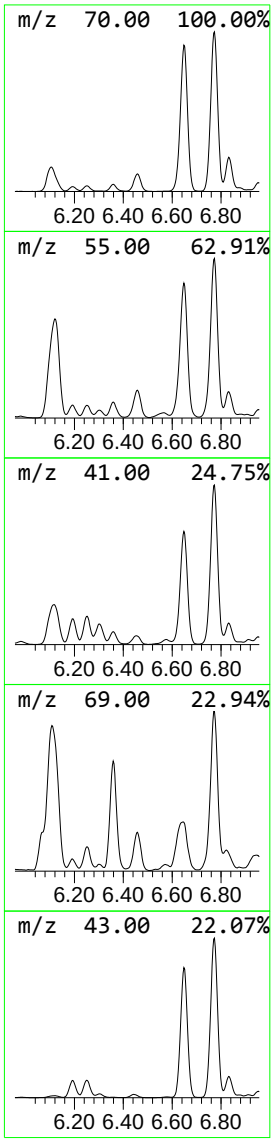
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic6.455 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.455	4.95 ug/L	700851	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Tridecane, 3-methylene-	196	C14H28	019780-34-8	78
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	74
4	Undecane, 3-methylene-	168	C12H24	071138-64-2	72
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72





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Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

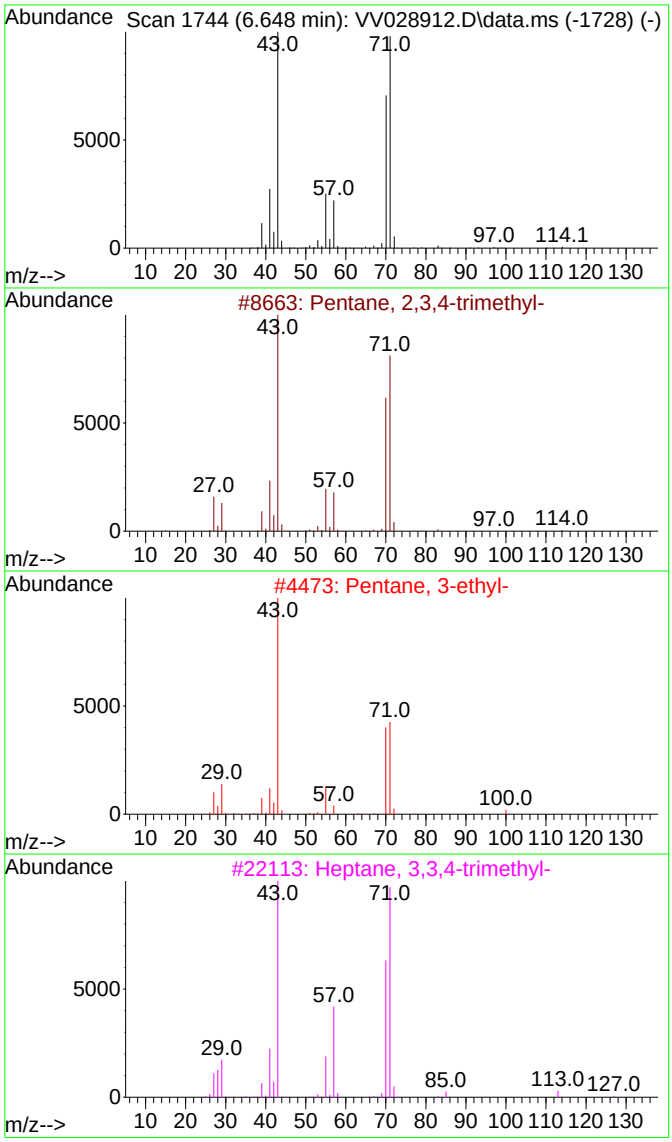
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

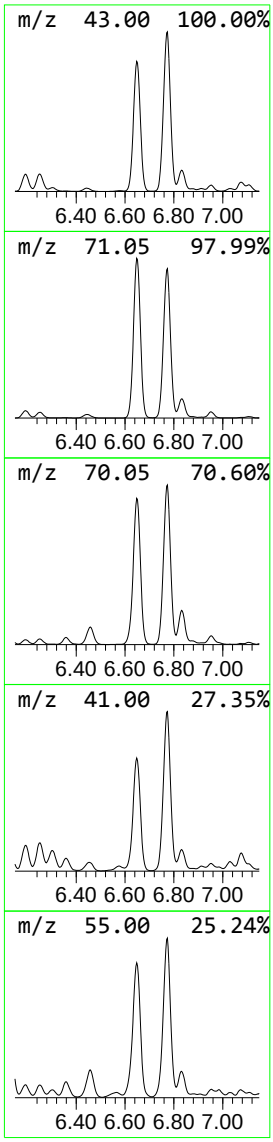
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.648	53.29 ug/L	7543490	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

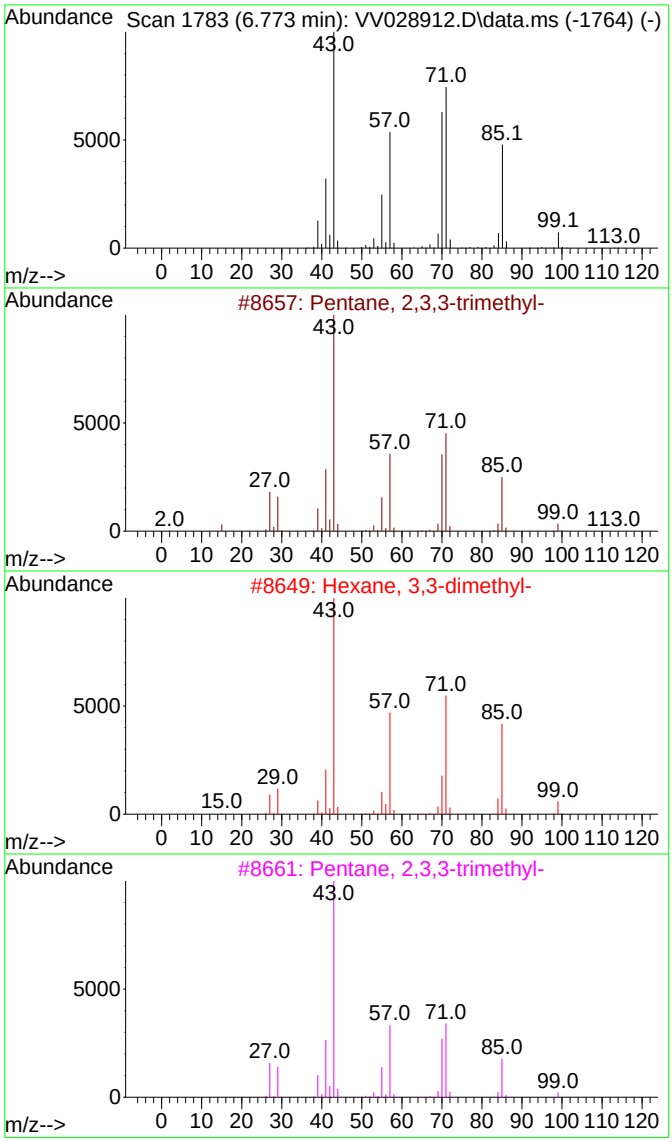
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

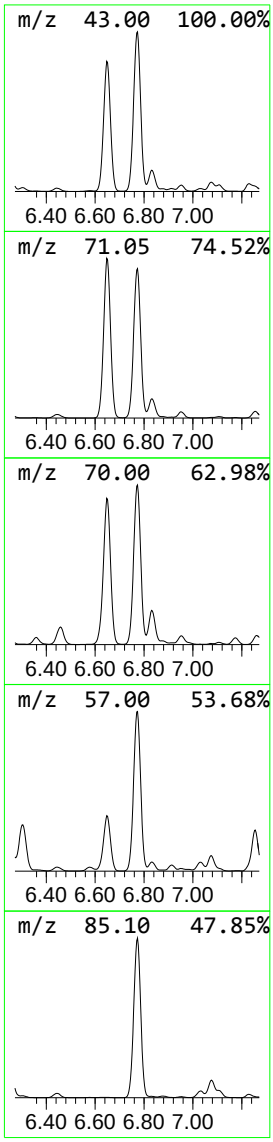
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.773	76.96 ug/L	10893700	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

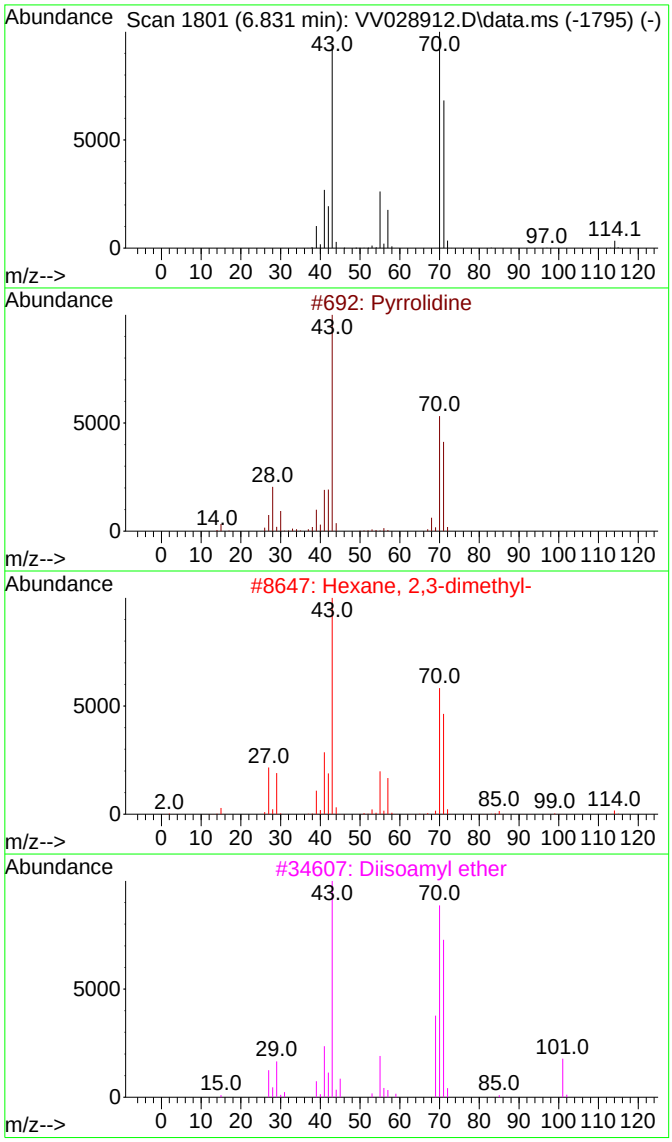
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

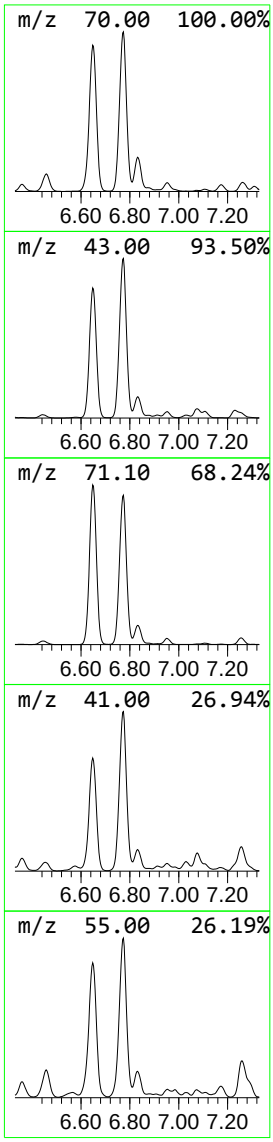
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Pyrrolidine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.831	6.80 ug/L	962067	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine	71	C4H9N	000123-75-1	78
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
3	Diisoamyl ether	158	C10H22O	000544-01-4	64
4	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	64
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

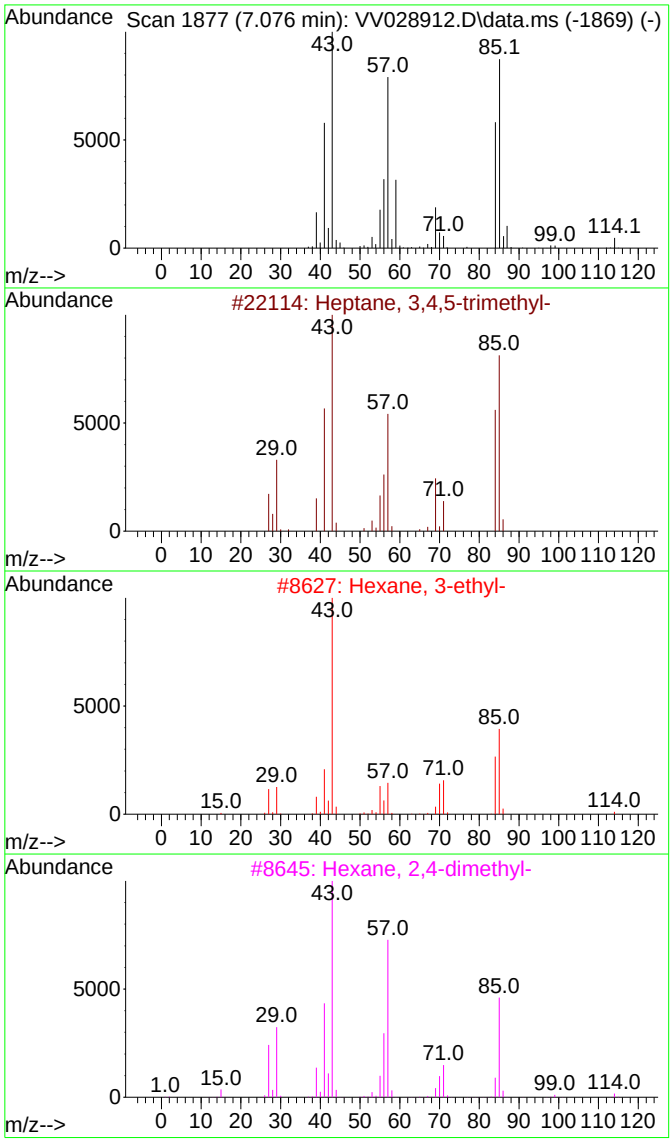
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

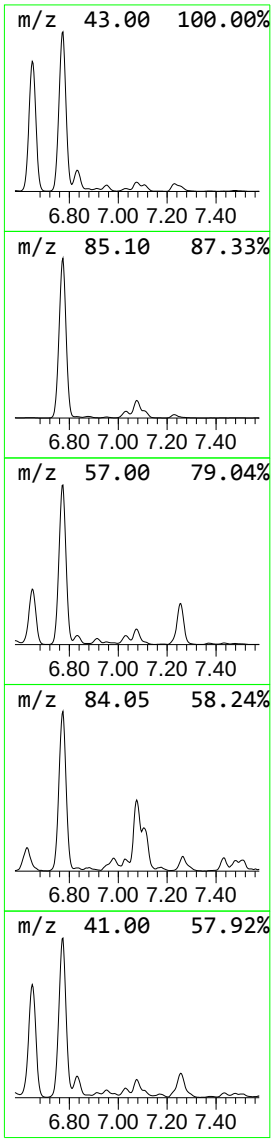
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.076	3.55 ug/L	503015	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

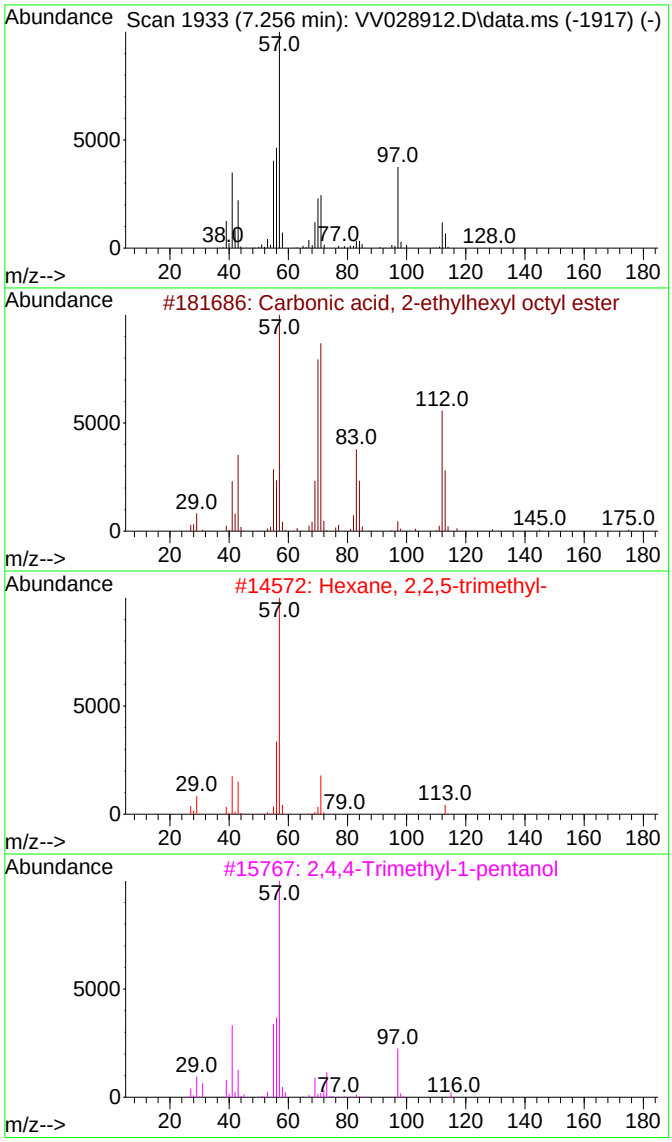
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

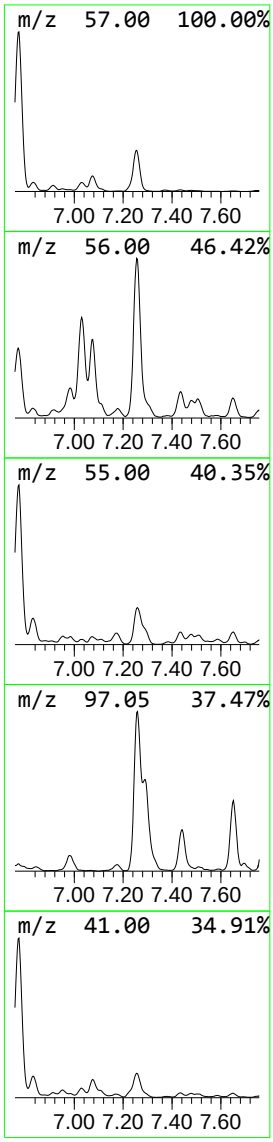
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Carbonic acid, 2-ethylhexyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.256	9.58 ug/L	1518670	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	50
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47
3	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	47
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

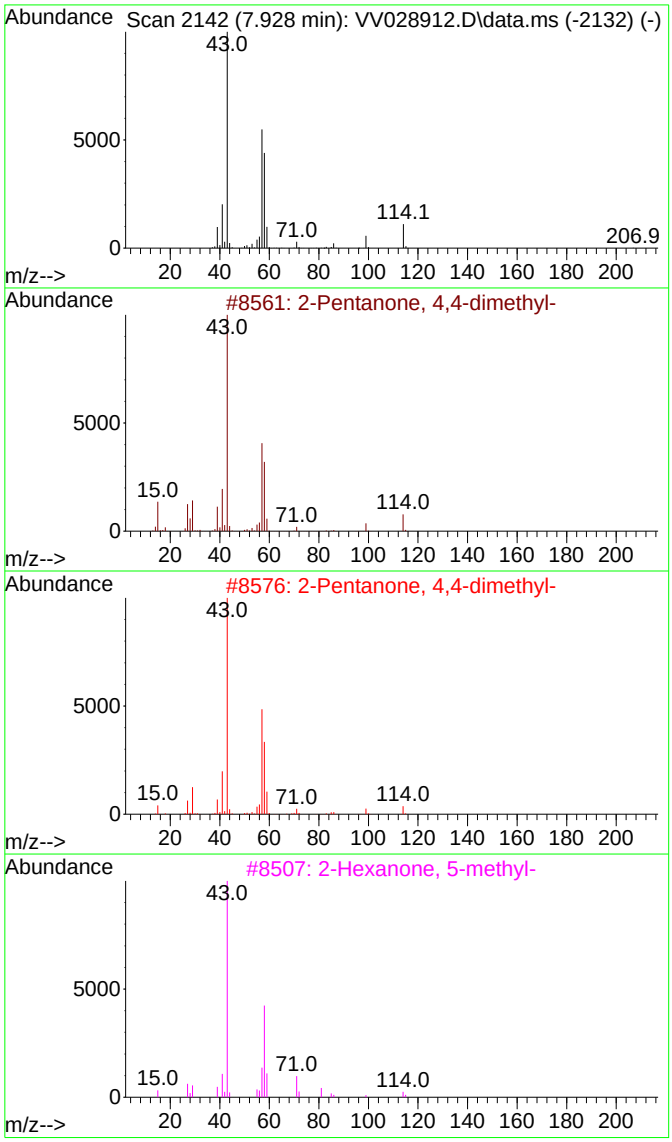
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

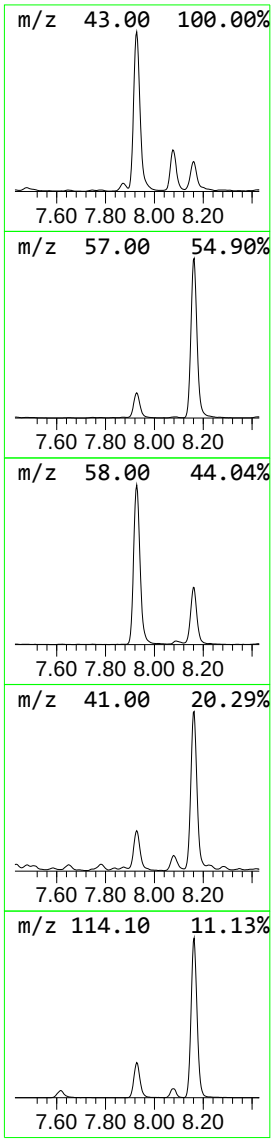
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2-Pentanone, 4,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.928	10.42 ug/L	1651180	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	91
2	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	91
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	72
4	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	50
5	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

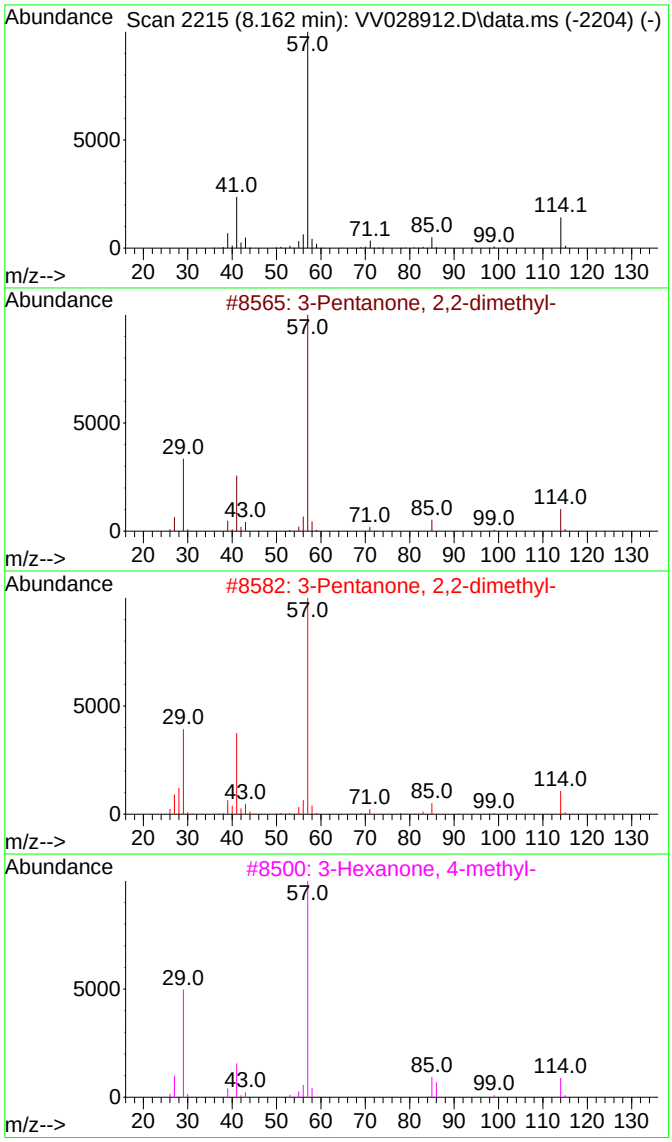
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

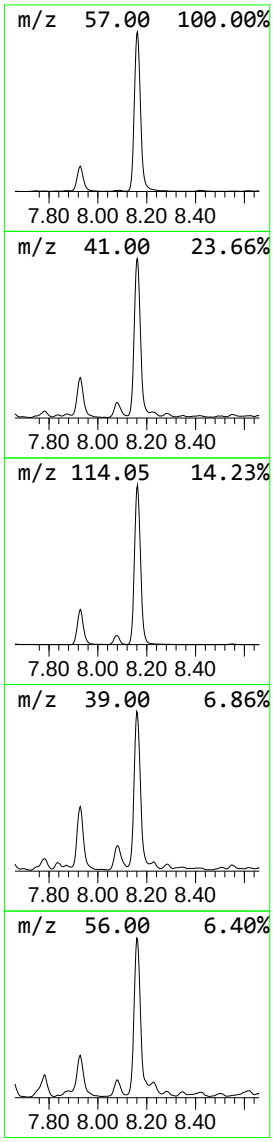
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 3-Pentanone, 2,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.162	21.05 ug/L	3336640	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	80
2	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	72
3	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	50
4	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	40
5	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

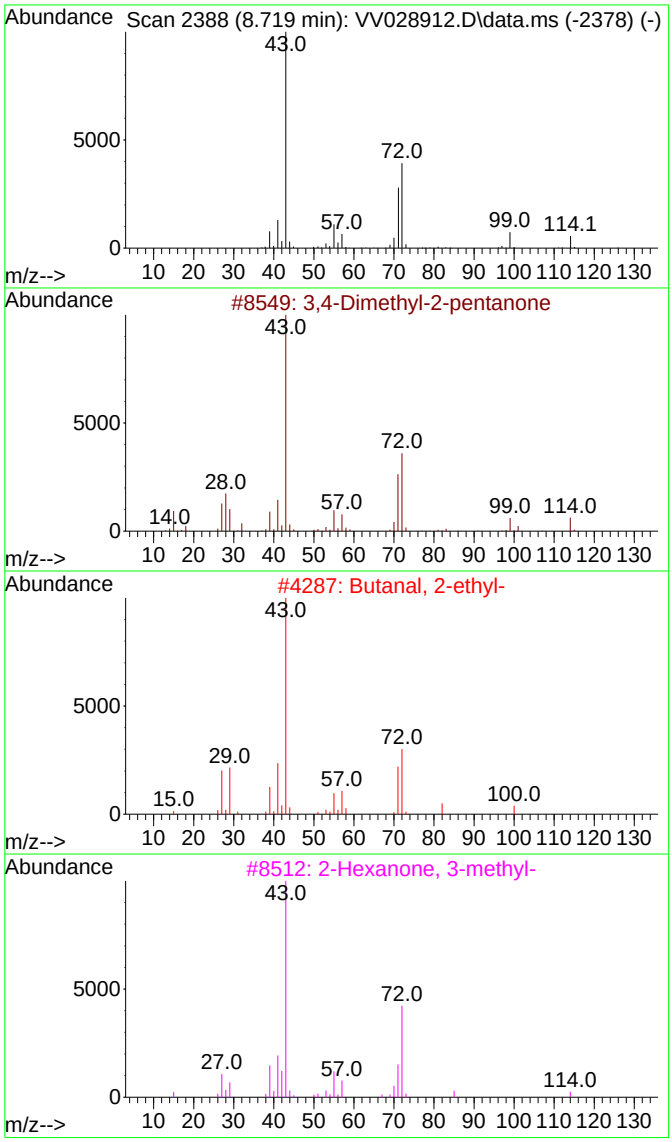
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

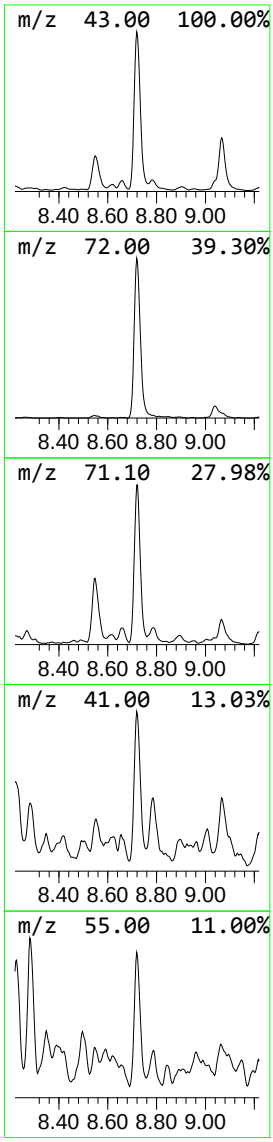
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 3,4-Dimethyl-2-pentanone Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.719	3.35 ug/L	530779	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	90
2	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	59
3	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	50
4	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	39
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

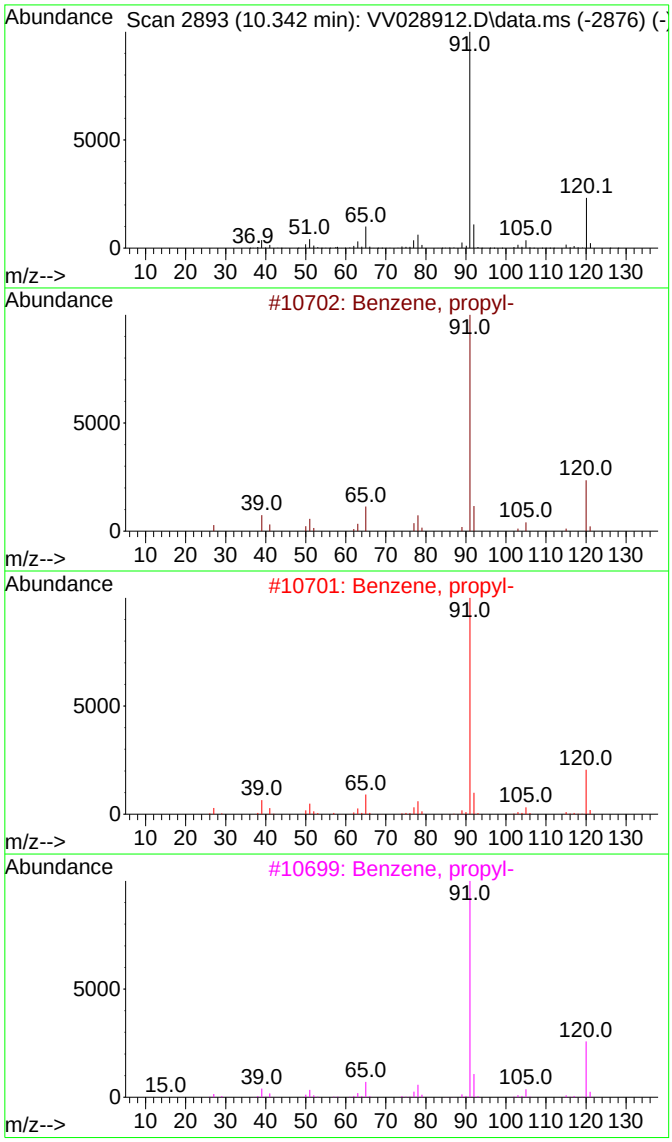
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

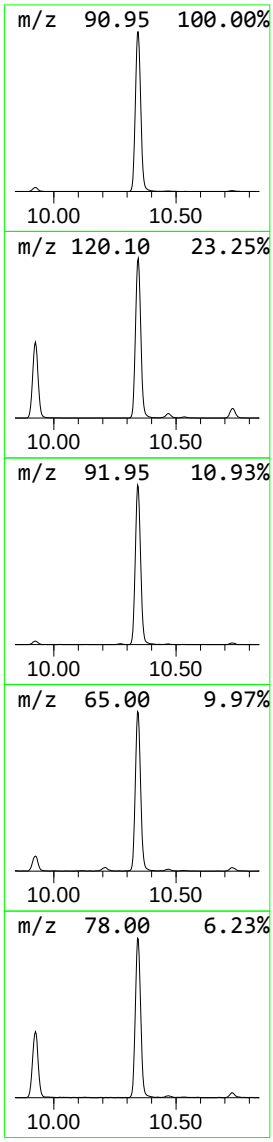
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.342	18.33 ug/L	3351800	1,4-Dichlorobenzene-d4	11.243

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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

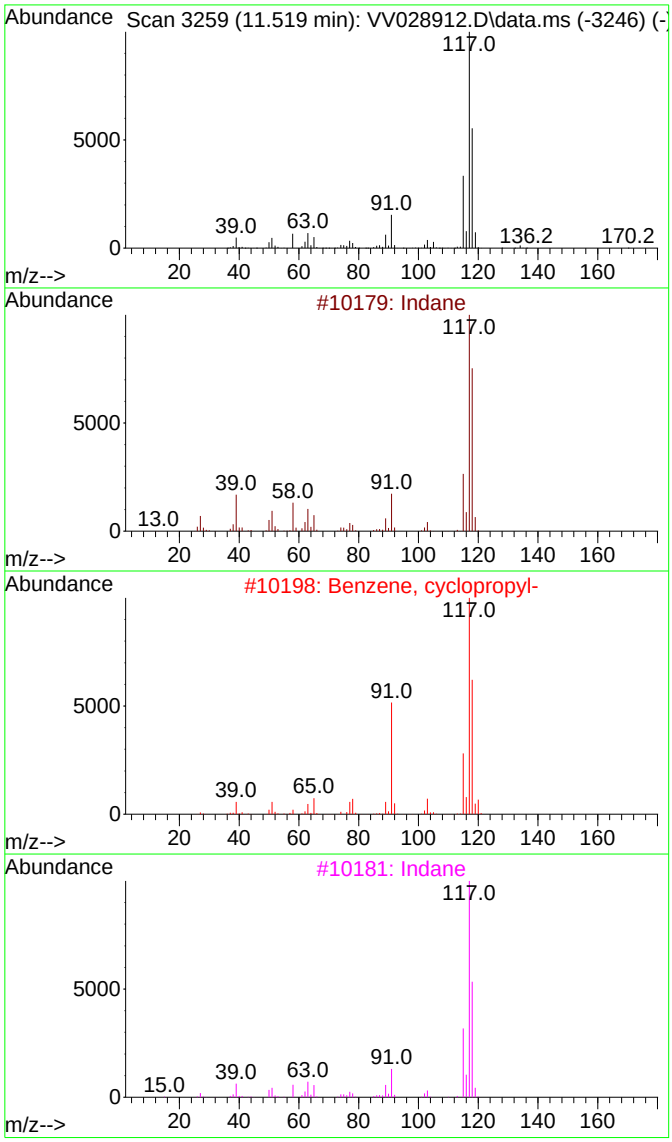
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

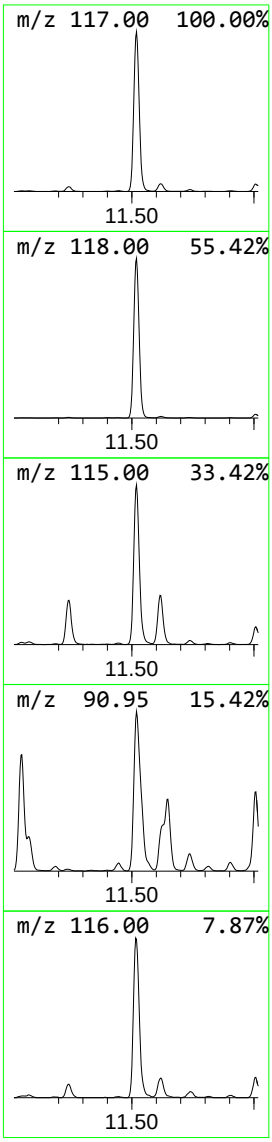
****

Peak Number 31 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	20.27 ug/L	3705380	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

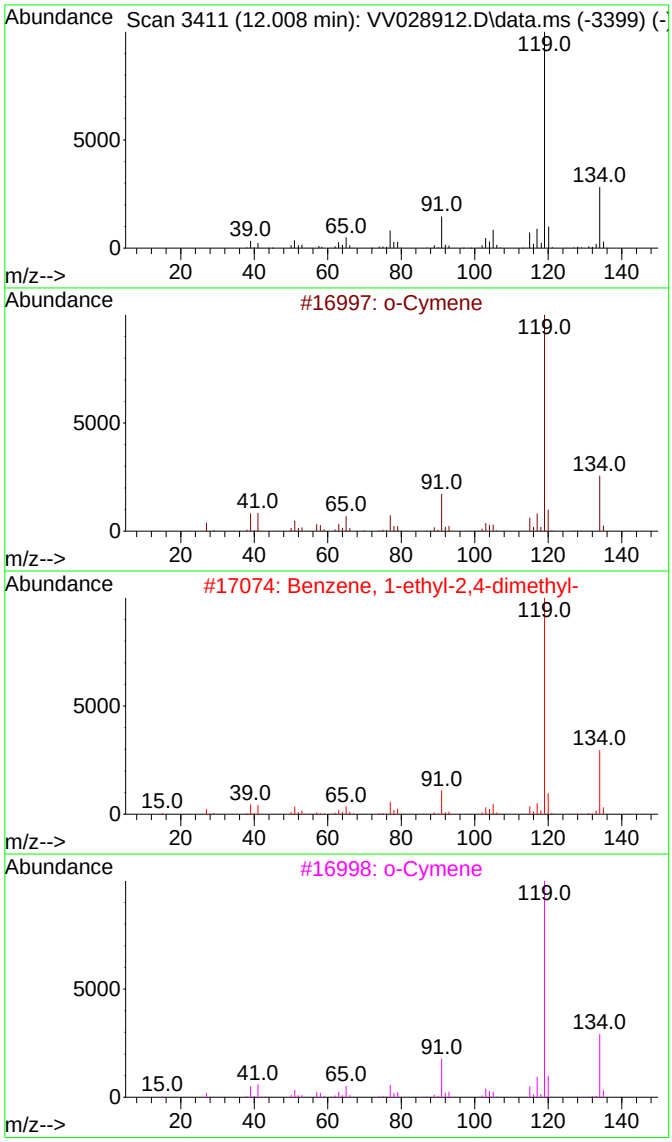
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

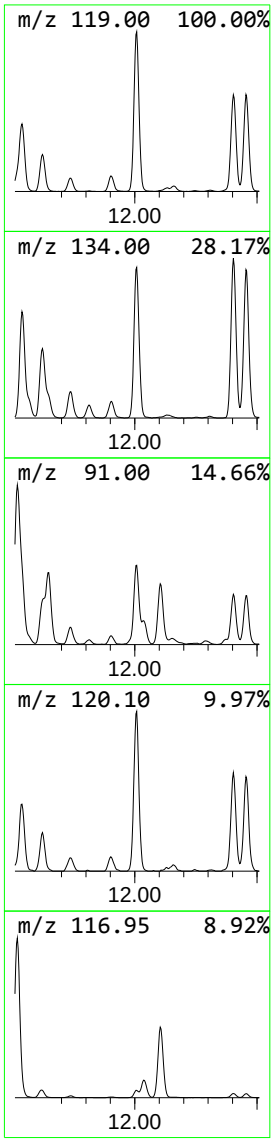
****

Peak Number 32 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	6.52 ug/L	1191170	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

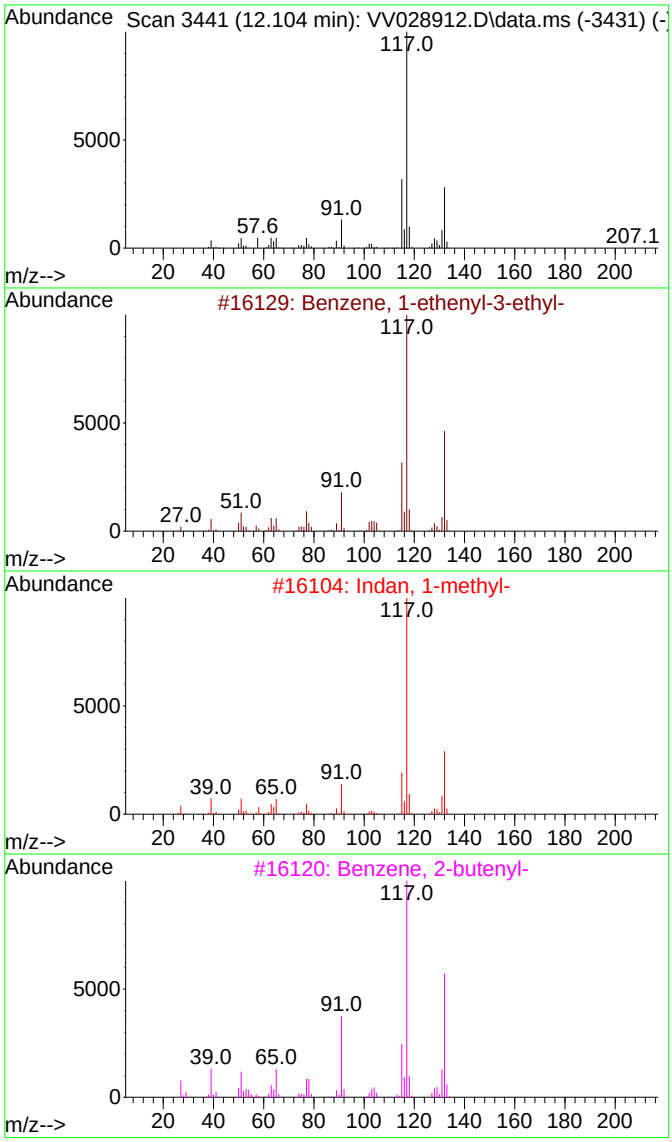
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

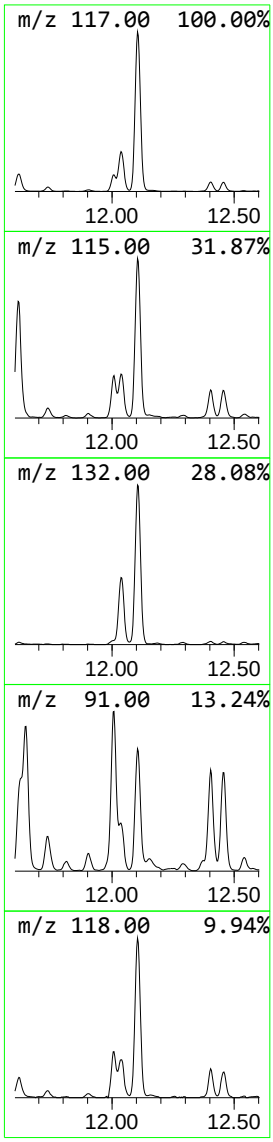
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	6.22 ug/L	1137530	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

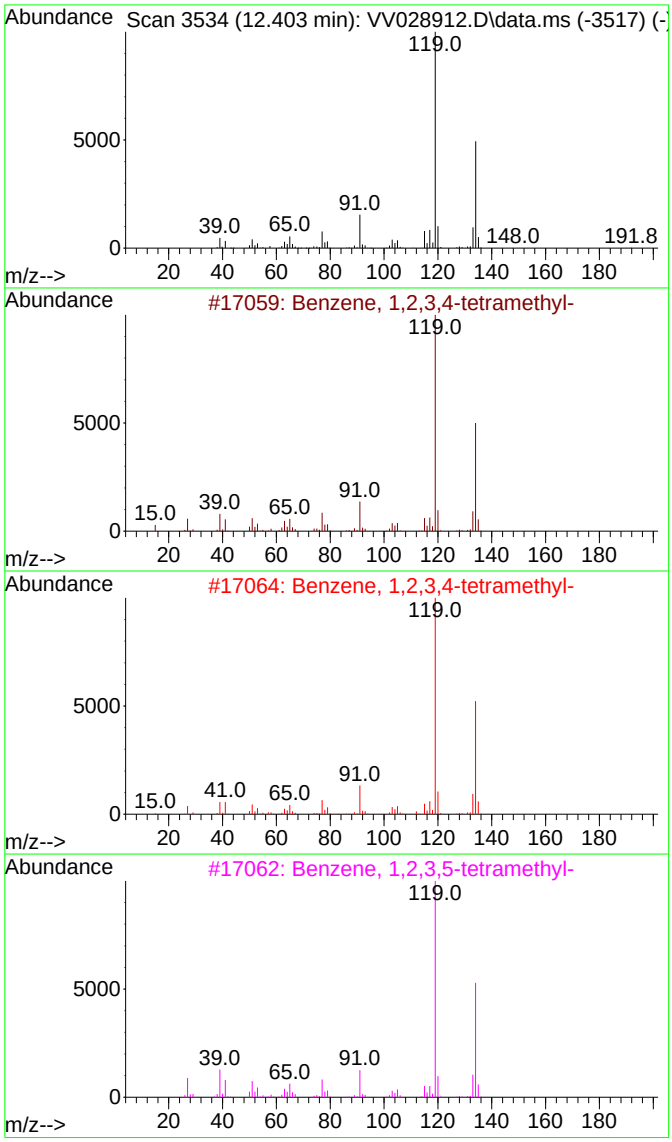
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

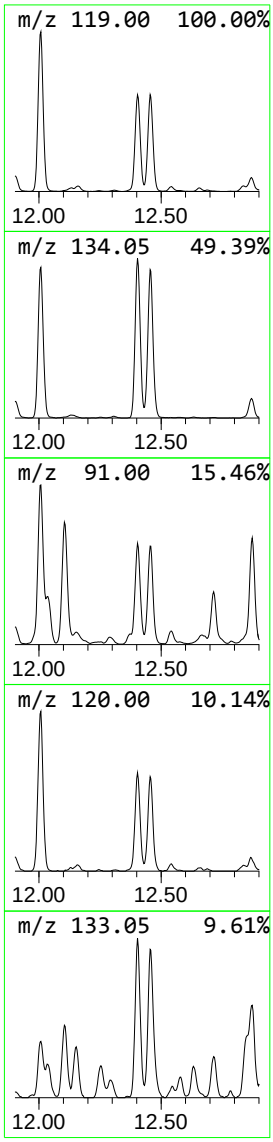
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	4.57 ug/L	836114	1,4-Dichlorobenzene-d4	11.243

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

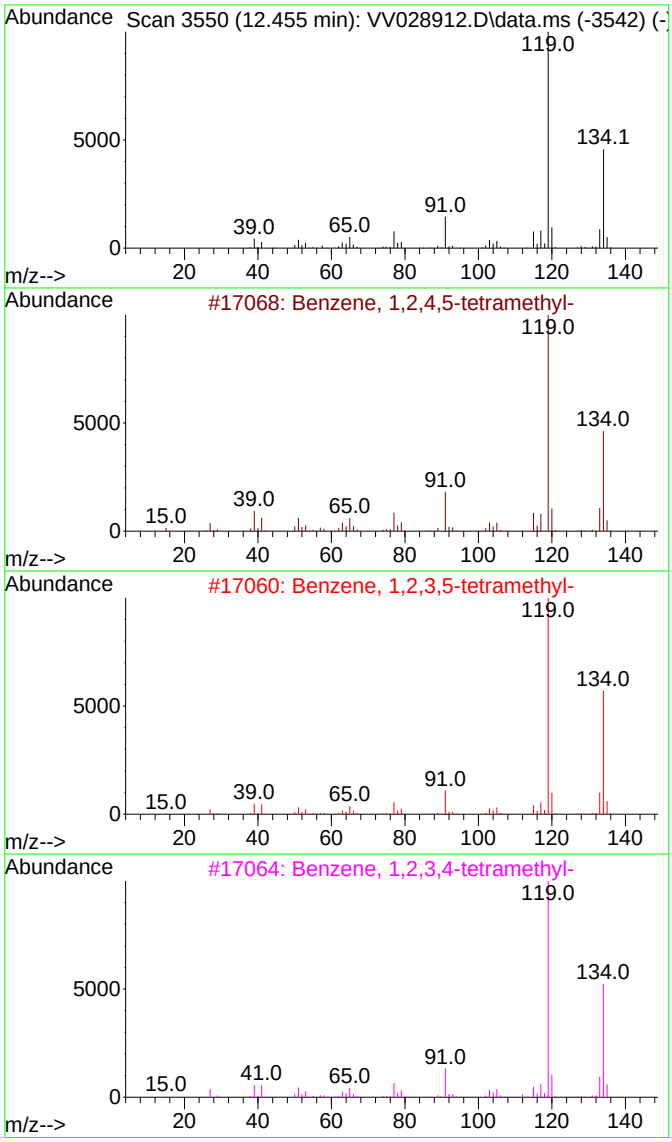
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

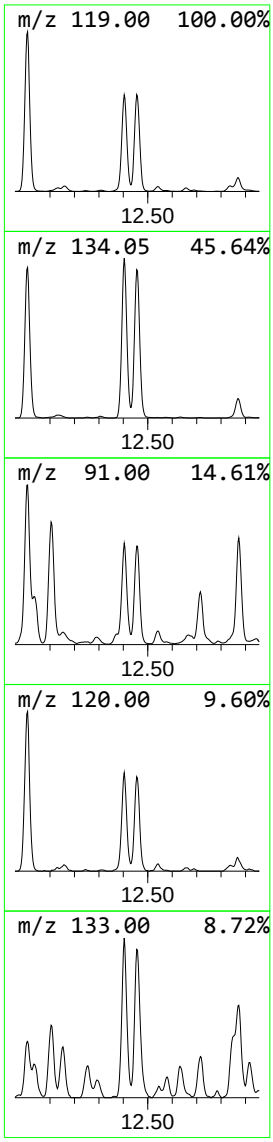
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.455	4.47 ug/L	816446	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

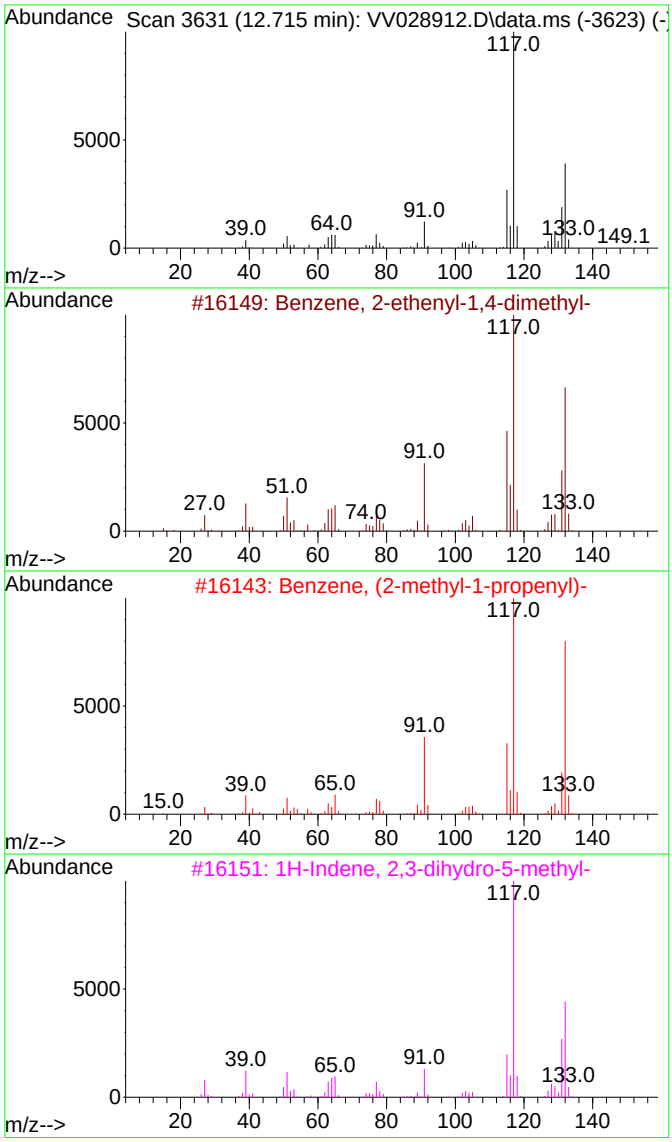
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

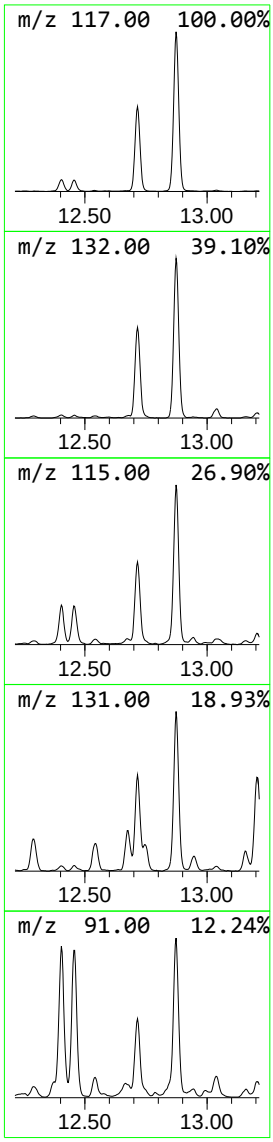
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	3.13 ug/L	571924	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

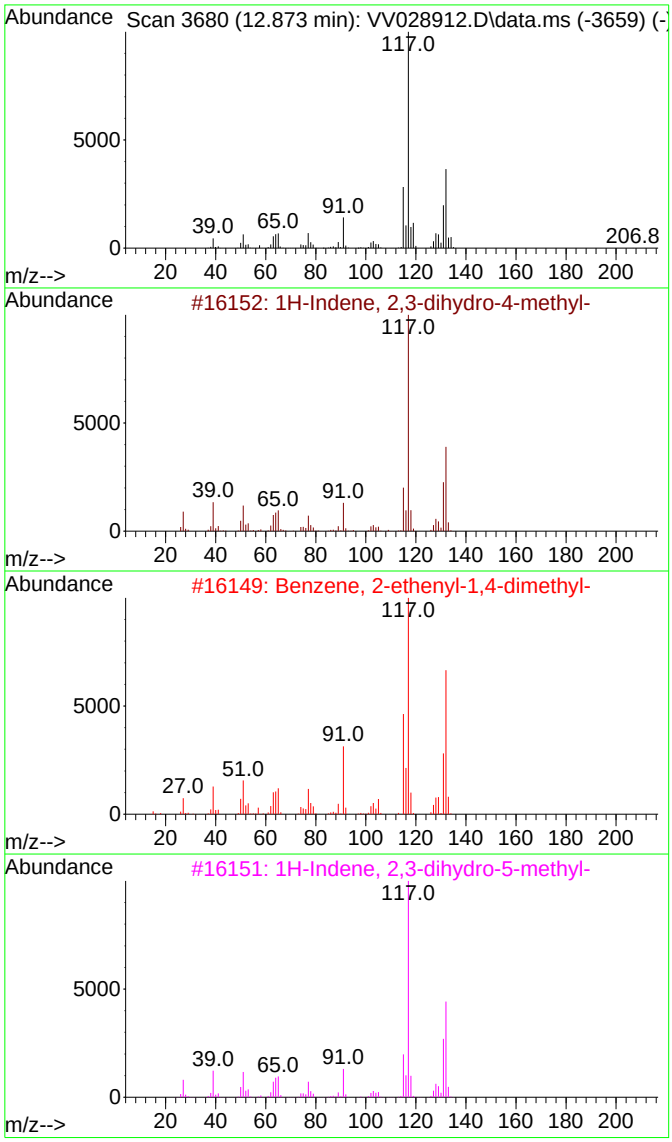
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

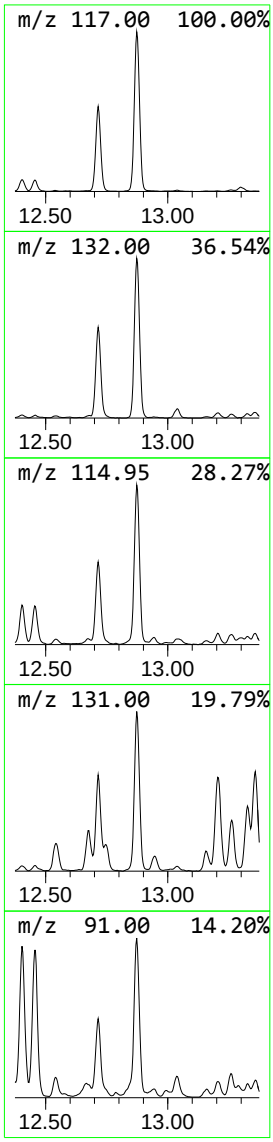
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	6.49 ug/L	1187240	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028912.D
Acq On : 12 Nov 2022 06:40
Operator : SY/MD
Sample : N5590-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBMY2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.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...	1.214	4.6	ug/L	647089	1	5.613	707743	5.0
(DEL) Alkane: S...	1.629	52.3	ug/L	7401080	1	5.613	707743	5.0
(DEL) Alkane: S...	1.799	7.5	ug/L	1062730	1	5.613	707743	5.0
(DEL) Alkane: S...	2.018	4.4	ug/L	625910	1	5.613	707743	5.0
(DEL) Alkane: S...	2.494	53.5	ug/L	7567930	1	5.613	707743	5.0
(DEL) Alkane: S...	2.523	58.4	ug/L	8268730	1	5.613	707743	5.0
2-Ethyl-oxetane	3.034	3.8	ug/L	536919	1	5.613	707743	5.0
(DEL) Alkane: S...	3.532	5.5	ug/L	781585	1	5.613	707743	5.0
(DEL) Alkane: S...	3.661	34.1	ug/L	4821820	1	5.613	707743	5.0
(DEL) Alkane: C...	3.754	30.5	ug/L	4317280	1	5.613	707743	5.0
(DEL) Alkane: S...	4.397	7.8	ug/L	1104270	1	5.613	707743	5.0
(DEL) Alkane: S...	4.757	71.2	ug/L	10073800	1	5.613	707743	5.0
(DEL) Alkane: S...	4.902	47.2	ug/L	6676470	1	5.613	707743	5.0
(DEL) Alkane: C...	5.172	24.2	ug/L	3419730	1	5.613	707743	5.0
(DEL) Alkane: S...	5.230	108.1	ug/L	15301200	1	5.613	707743	5.0
(DEL) Alkane: C...	5.317	24.6	ug/L	3482600	1	5.613	707743	5.0
(DEL) Alkane: S...	6.191	8.1	ug/L	1147310	1	5.613	707743	5.0
(DEL) Alkane: S...	6.252	9.3	ug/L	1310550	1	5.613	707743	5.0
(DEL) Alkane: S...	6.304	5.4	ug/L	760003	1	5.613	707743	5.0
(DEL) Alkane: C...	6.359	3.7	ug/L	524330	1	5.613	707743	5.0
(DEL) Alkane: C...	6.455	5.0	ug/L	700851	1	5.613	707743	5.0
(DEL) Alkane: S...	6.648	53.3	ug/L	7543490	1	5.613	707743	5.0
(DEL) Alkane: S...	6.773	77.0	ug/L	10893700	1	5.613	707743	5.0
Pyrrolidine	6.831	6.8	ug/L	962067	1	5.613	707743	5.0
(DEL) Alkane: S...	7.076	3.5	ug/L	503015	1	5.613	707743	5.0
Carbonic acid, ...	7.256	9.6	ug/L	1518670	2	8.847	792496	5.0
2-Pentanone, 4,...	7.928	10.4	ug/L	1651180	2	8.847	792496	5.0
3-Pentanone, 2,...	8.162	21.1	ug/L	3336640	2	8.847	792496	5.0
3,4-Dimethyl-2-...	8.719	3.4	ug/L	530779	2	8.847	792496	5.0
Benzene, propyl-	10.342	18.3	ug/L	3351800	3	11.243	914093	5.0
Indane	11.519	20.3	ug/L	3705380	3	11.243	914093	5.0
o-Cymene	12.008	6.5	ug/L	1191170	3	11.243	914093	5.0
Benzene, 1-ethe...	12.104	6.2	ug/L	1137530	3	11.243	914093	5.0
Benzene, 1,2,3,...	12.403	4.6	ug/L	836114	3	11.243	914093	5.0
Benzene, 1,2,4,...	12.455	4.5	ug/L	816446	3	11.243	914093	5.0
Benzene, 2-ethe...	12.715	3.1	ug/L	571924	3	11.243	914093	5.0
1H-Indene, 2,3-...	12.873	6.5	ug/L	1187240	3	11.243	914093	5.0