LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

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\SFAMUTR102324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU061526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	13	21	37	rVB	1027449	1079164	14.61%	2.789%
2	1.435	38	45	54	rBV	88622	93842	1.27%	0.243%
3	1.490	54	62	81	rBV3	121211	266949	3.61%	0.690%
4	1.599	83	96	109	rVV2	2839606	3964668	53.69%	10.246%
5	1.657	109	114	121	rVB	177057	195071	2.64%	0.504%
6	1.727	129	136	153	rVB	264871	318338	4.31%	0.823%
7	1.879	175	183	187	rBV	176482	235333	3.19%	0.608%
8	1.991	211	218	238	rVB	60206	86768	1.17%	0.224%
9	2.149	259	267	275	rBV	96435	132613	1.80%	0.343%
10	2.213	275	287	305	rVB3	217532	396145	5.36%	1.024%
11	2.313	310	318	326	rVV	122851	184329	2.50%	0.476%
12	2.364	326	334	341	rVV2	122951	201050	2.72%	0.520%
13	2.409	341	348	356	rVV	104774	152509	2.07%	0.394%
14	2.461	356	364	381	rVB	94109	151243	2.05%	0.391%
15	2.560	383	395	413	rVB	126773	229918	3.11%	0.594%
16	3.007	506	534	549	rBV	129234	318536	4.31%	0.823%
17	3.129	561	572	593	rVB3	39848	96246	1.30%	0.249%
18	3.348	628	640	658	rVB3	42132	88219	1.19%	0.228%
19	3.570	695	709	728	rBV4	38498	95055	1.29%	0.246%
20	3.859	774	799	825	rBV	117485	374753	5.07%	0.969%
21	4.181	881	899	912	rBV5	24117	76269	1.03%	0.197%
22	4.653	1029	1046	1078	rBV2	894264	2126001	28.79%	5.494%
23	5.052	1156	1170	1193	rBV	109693	254460	3.45%	0.658%
24	5.171	1193	1207	1226	rVB	56796	123993	1.68%	0.320%
25	5.718	1357	1377	1384	rBV2	225244	565738	7.66%	1.462%
26	5.763	1384	1391	1411	rVB	281335	594463	8.05%	1.536%
27	6.013	1459	1469	1487	rVB	54236	121672	1.65%	0.314%
28	6.242	1529	1540	1565	rBV	169991	372284	5.04%	0.962%
29	6.557	1624	1638	1654	rBV	694794	1282217	17.36%	3.314%
30	6.682	1668	1677	1691	rVB	128479	243913	3.30%	0.630%
31	7.560	1938	1950	1972	rBV	69989	138620	1.88%	0.358%
32	7.891	2041	2053	2063	rBV	285614	496439	6.72%	1.283%
33	7.959	2063	2074	2108	rVB	4292776	7384645	100.00%	19.085%
34	8.412	2202	2215	2231	rBV	74444	127705	1.73%	0.330%
35	8.628	2264	2282	2317	rBV	282637	562228	7.61%	1.453%
36	9.409	2514	2525	2548	rVV2	253302	518686	7.02%	1.340%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

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\SFAMUTR102324WMA.M
Title : TRACE VOA SFAM1.0

37	9.560	2560	2572	2594	rBV	1779248	2850086	38.59%	7.366%
38	9.685	2595	2611	2629	rVV	1635405	2755389	37.31%	7.121%
39	10.090	2725	2737	2766	rVB	2033957	3219282	43.59%	8.320%
40	10.476	2845	2857	2870	rBV	52735	88650	1.20%	0.229%
41	10.746	2930	2941	2953	rBV	113990	188263	2.55%	0.487%
42	10.898	2976	2988	3001	rBV	53829	95490	1.29%	0.247%
43	10.991	3001	3017	3023	rBV	100301	180571	2.45%	0.467%
44	11.081	3036	3045	3058	rVB	50386	78006	1.06%	0.202%
45	11.222	3075	3089	3099	rBV	85875	142600	1.93%	0.369%
46	11.283	3100	3108	3129	rVB	81070	143558	1.94%	0.371%
47	11.460	3152	3163	3176	rBV	239942	367945	4.98%	0.951%
48	11.804	3256	3270	3284	rBV	263926	454043	6.15%	1.173%
49	11.885	3284	3295	3309	rVV	377558	580512	7.86%	1.500%
50	12.087	3345	3358	3364	rBV2	221345	370146	5.01%	0.957%
51	12.184	3376	3388	3407	rVB4	407134	731851	9.91%	1.891%
52	12.367	3435	3445	3458	rVB	62107	96298	1.30%	0.249%
53	12.457	3460	3473	3478	rBV	131627	209914	2.84%	0.543%
54	12.486	3479	3482	3494	rVB	100527	124028	1.68%	0.321%
55	12.563	3495	3506	3516	rBV	376147	557560	7.55%	1.441%
56	12.672	3529	3540	3562	rBV2	49223	123655	1.67%	0.320%
57	12.869	3592	3601	3616	rVB	53513	96168	1.30%	0.249%
58	13.020	3639	3648	3662	rVB	48097	79393	1.08%	0.205%
59	13.441	3770	3779	3796	rVB3	58615	110296	1.49%	0.285%
60	13.614	3821	3833	3853	rVB	59791	112277	1.52%	0.290%
61	14.180	3998	4009	4023	rBV	83275	140446	1.90%	0.363%
62	14.277	4023	4039	4054	rBV	92685	166201	2.25%	0.430%
63	14.659	4144	4158	4182	rVB4	29267	88807	1.20%	0.230%
64	14.868	4213	4223	4235	rVB4	52241	91415	1.24%	0.236%
65	15.007	4256	4266	4280	rBV2	95676	166474	2.25%	0.430%
66	15.187	4304	4322	4337	rBV3	101270	237605	3.22%	0.614%
67	15.261	4337	4345	4359	rVB4	98269	166869	2.26%	0.431%
68	15.492	4412	4417	4431	rVB4	51178	83136	1.13%	0.215%
69	15.917	4537	4549	4565	rVV5	63987	146733	1.99%	0.379%

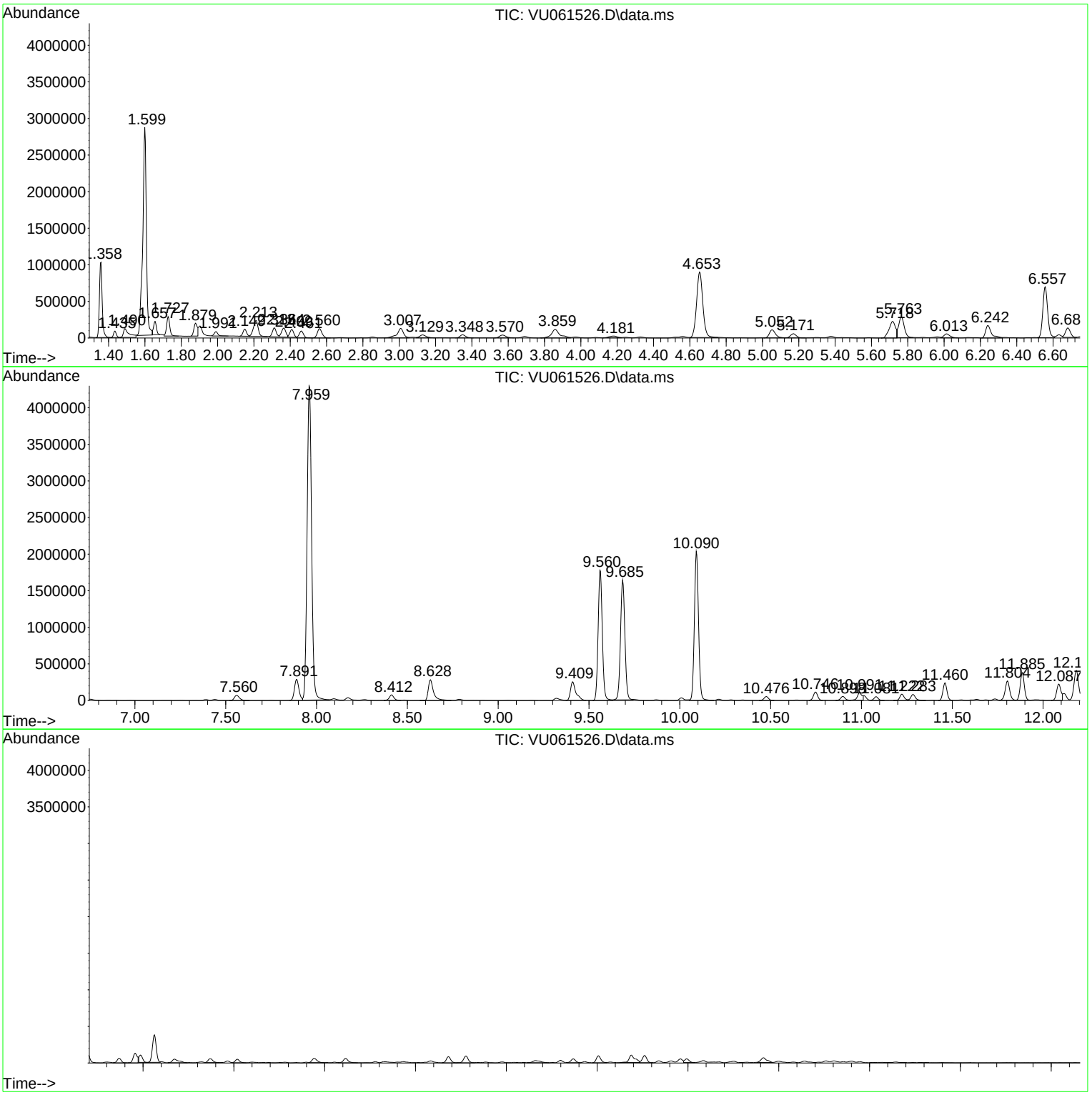
Sum of corrected areas: 38693749

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.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\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

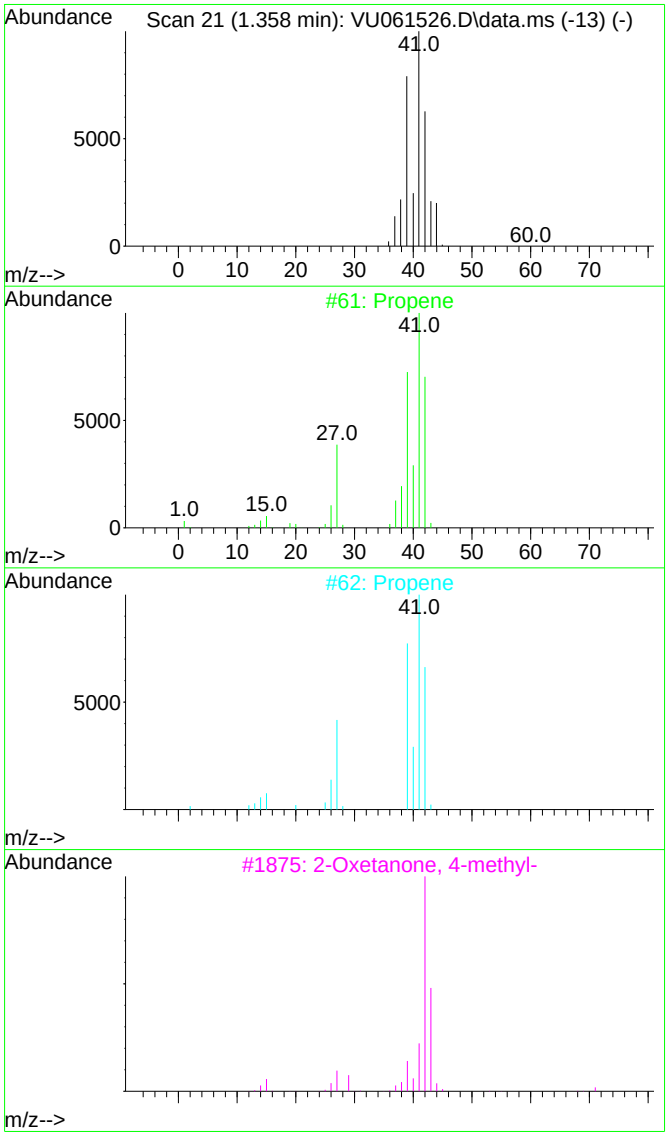
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

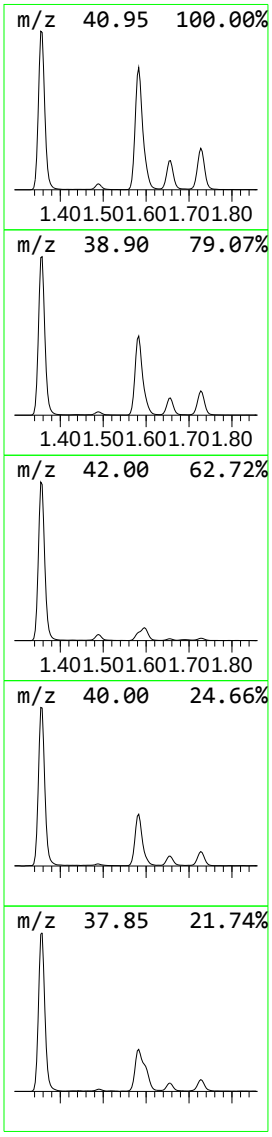
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	14.49 ug/L	1079160	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

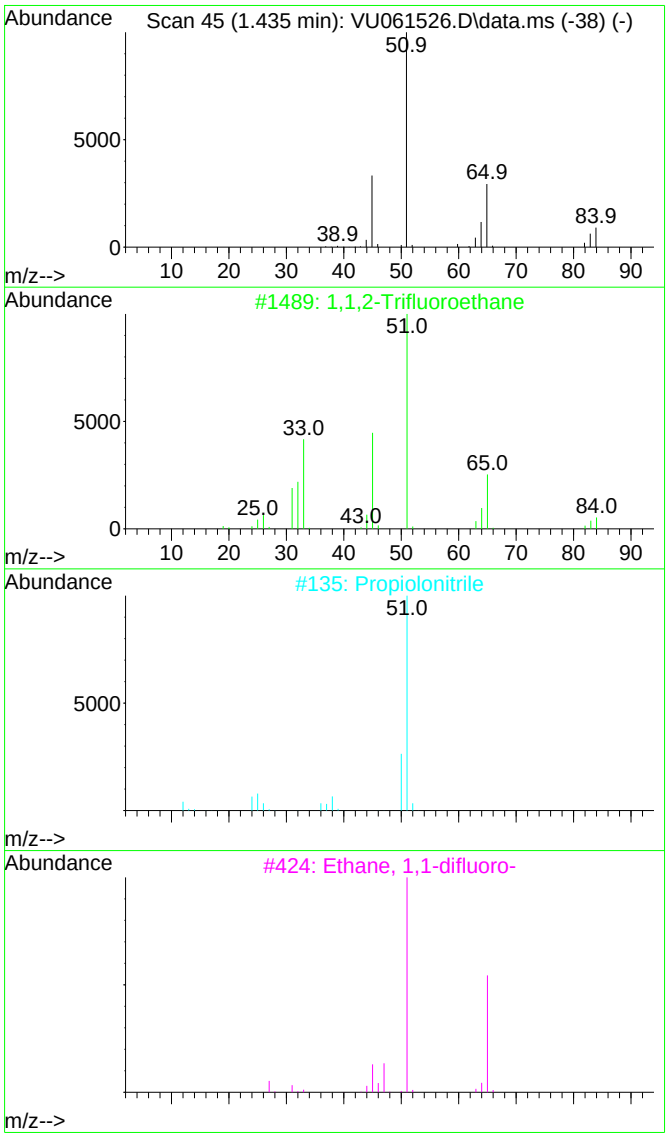
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

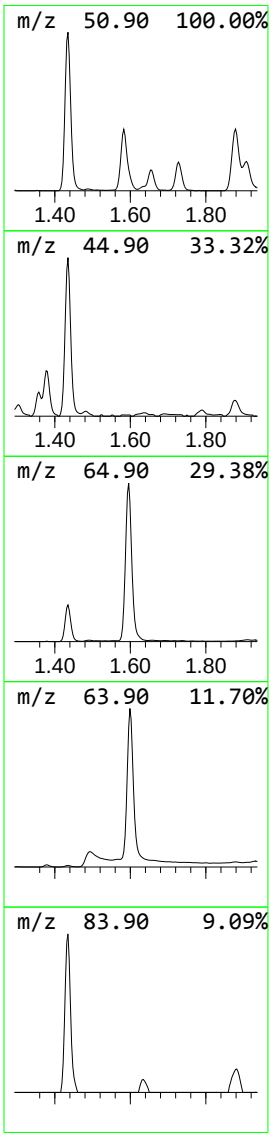
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1,2-Trifluoroethane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.435	1.26 ug/L	93842	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,2-Trifluoroethane	84	C2H3F3	000430-66-0	91
2	Propiolonitrile	51	C3HN	001070-71-9	3
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	2
4	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	2
5	Difluoromethyl trifluoromethanes...	200	C2HF5O3S	001885-46-7	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

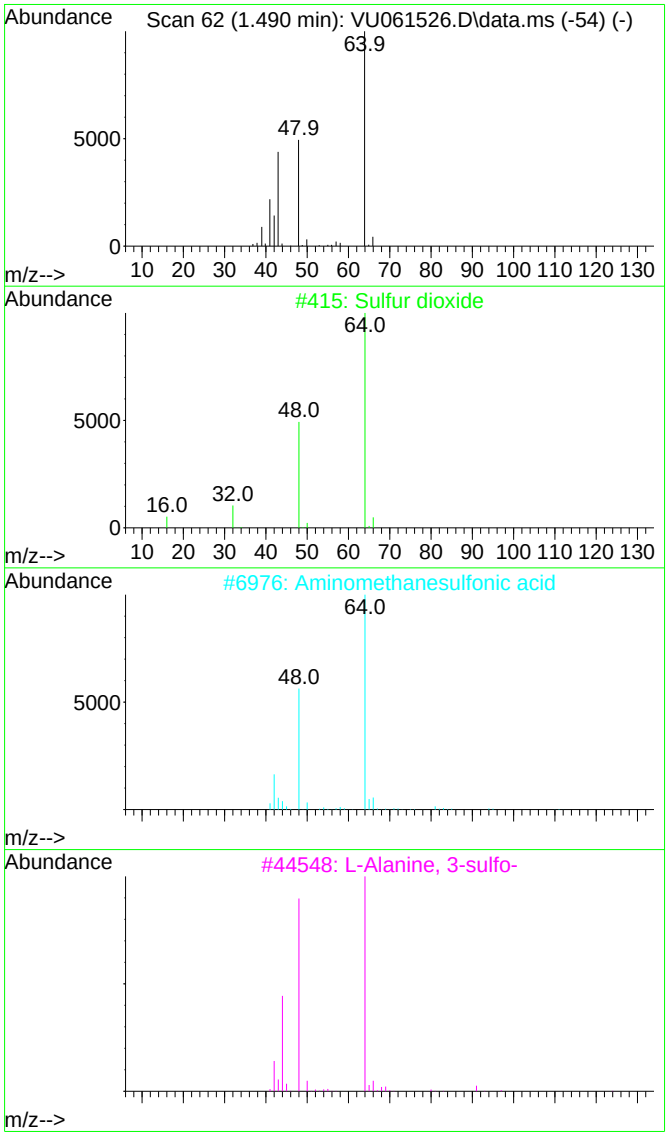
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

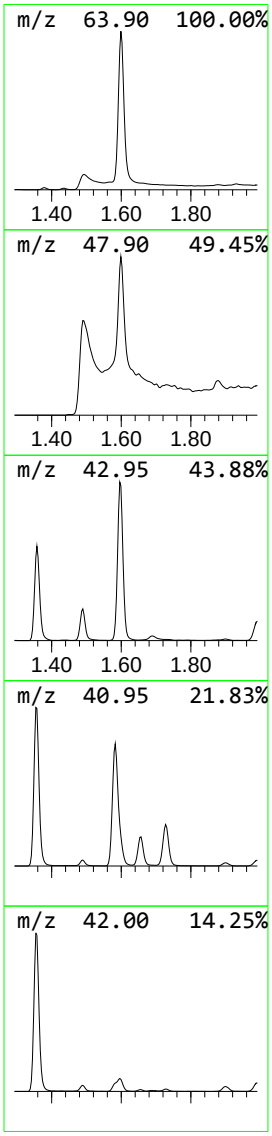
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Sulfur dioxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.490	3.59 ug/L	266949	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	86
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

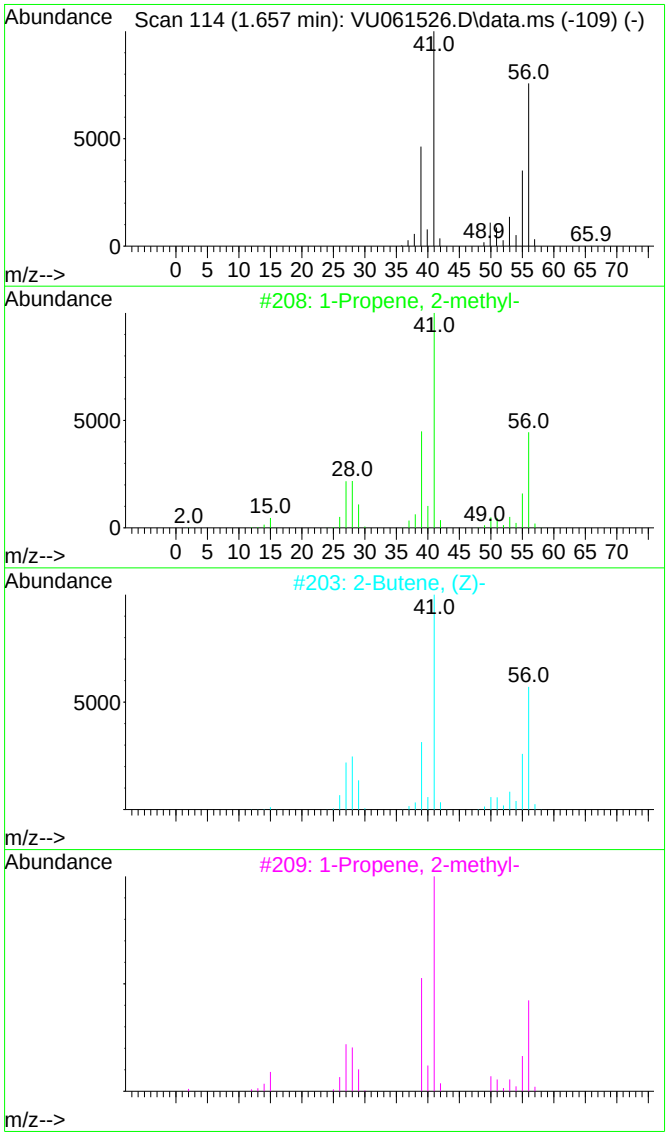
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

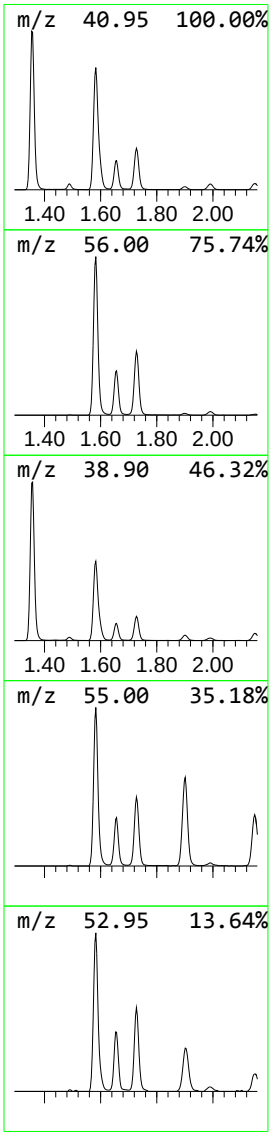
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.657	2.62 ug/L	195071	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	2-Butene, (Z)-	56	C4H8	000590-18-1	87
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	86
4	2-Butene, (E)-	56	C4H8	000624-64-6	83
5	2-Butene	56	C4H8	000107-01-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

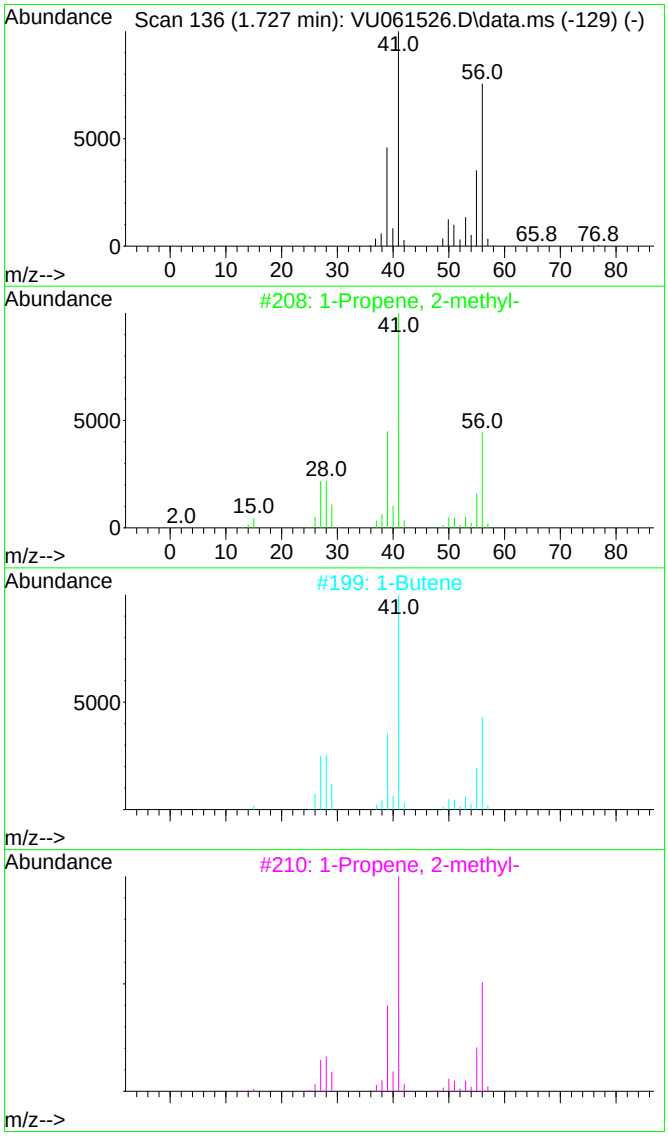
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

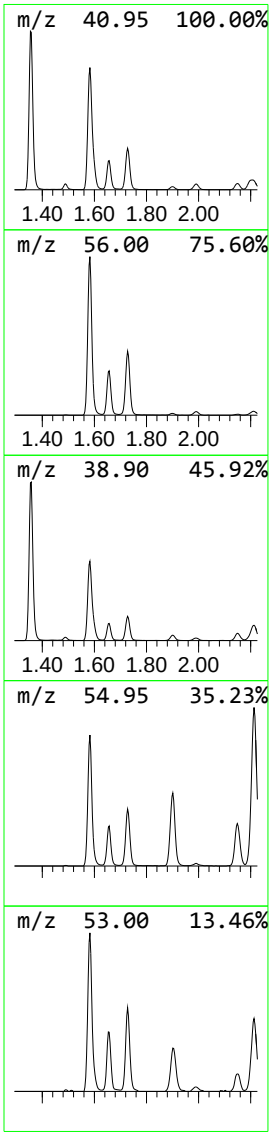
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.727	4.28 ug/L	318338	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2	1-Butene	56	C4H8	000106-98-9	86
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	86
4	2-Butene, (E)-	56	C4H8	000624-64-6	80
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

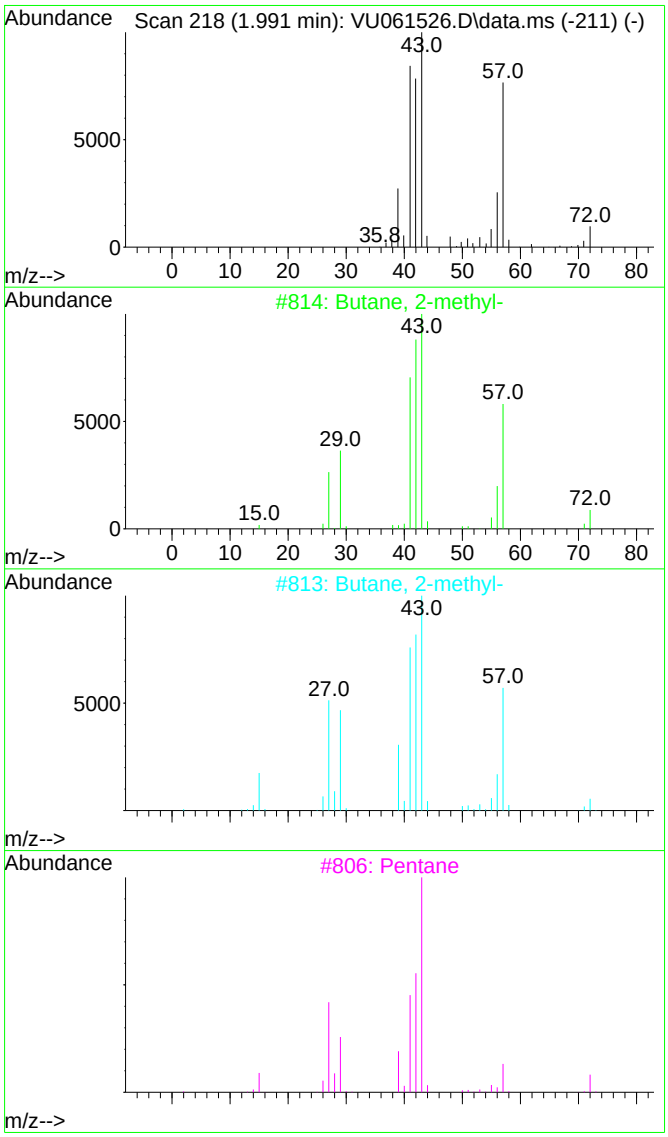
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

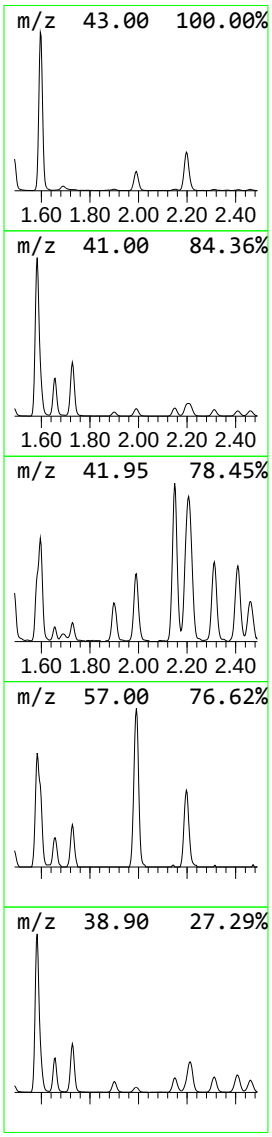
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	1.17 ug/L	86768	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	42
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	40
5	Isobutylene epoxide	72	C4H8O	000558-30-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

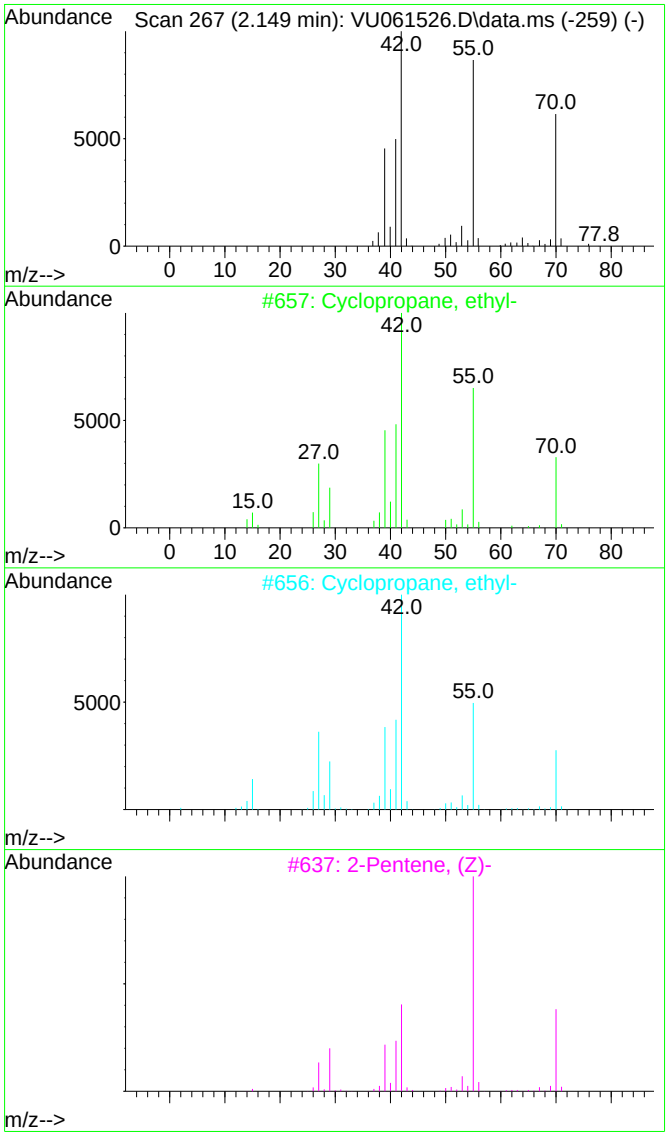
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

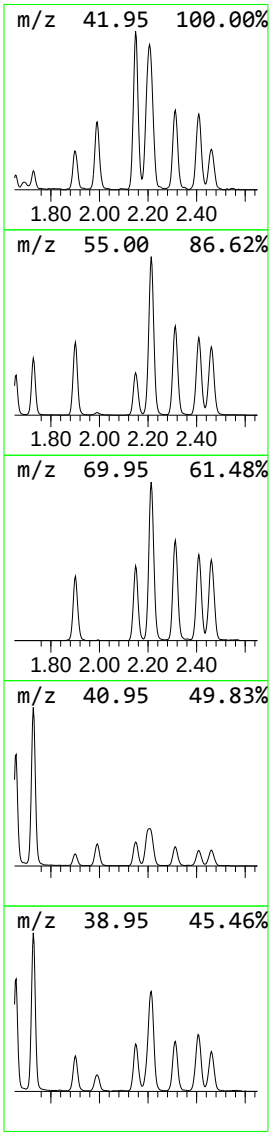
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic2.149 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.149	1.78 ug/L	132613	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	83
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	80
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	76





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

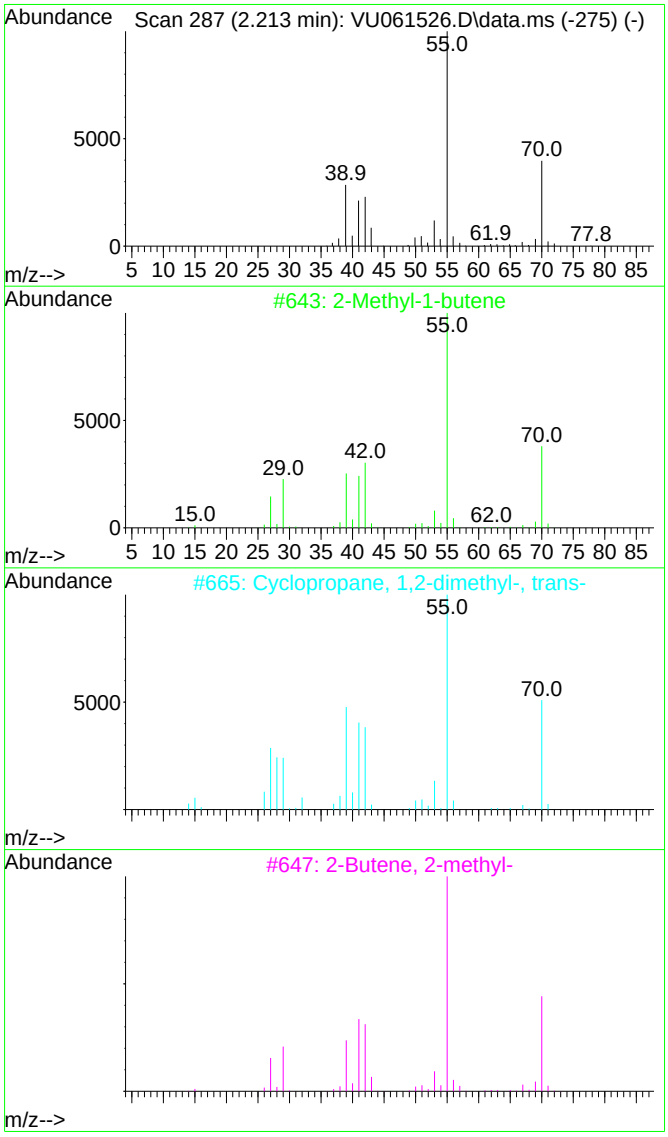
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

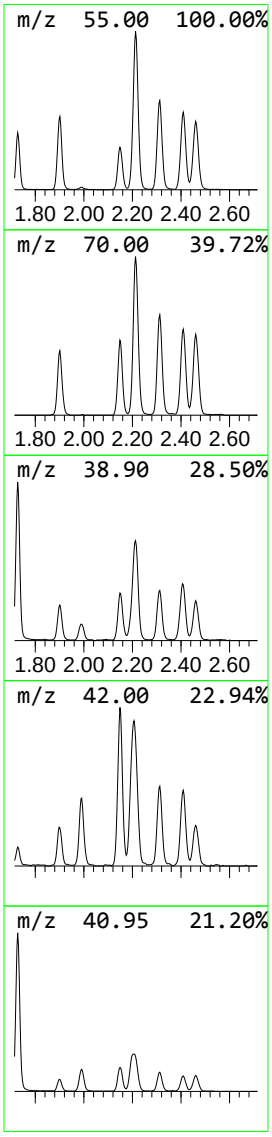
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.213	5.32 ug/L	396145	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	90
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

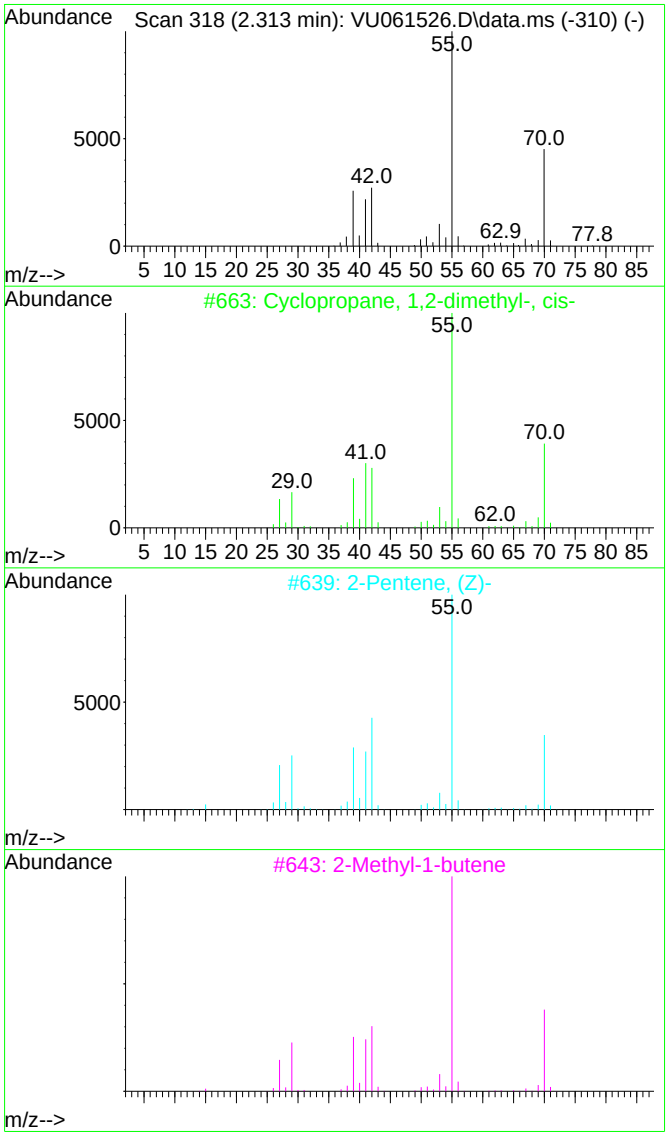
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

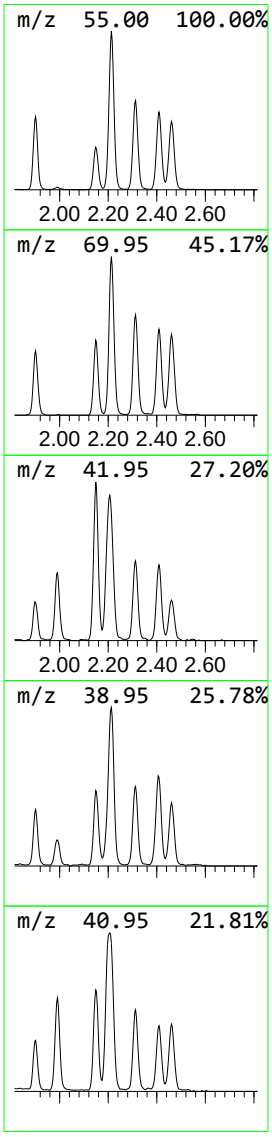
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic2.313 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.313	2.48 ug/L	184329	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	87
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

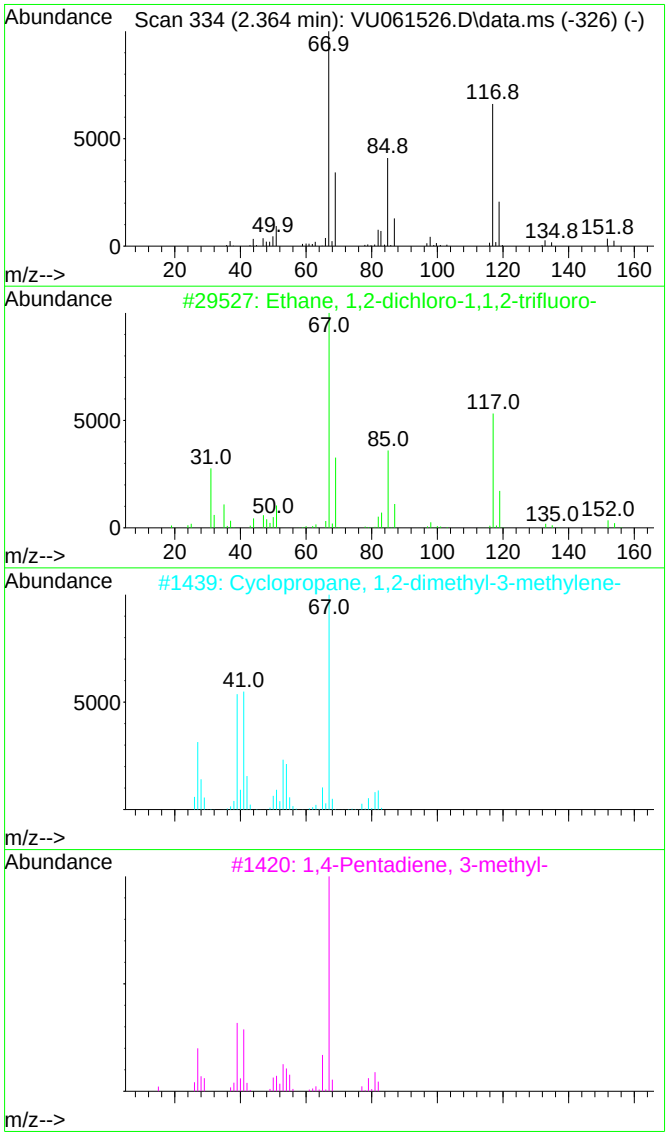
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

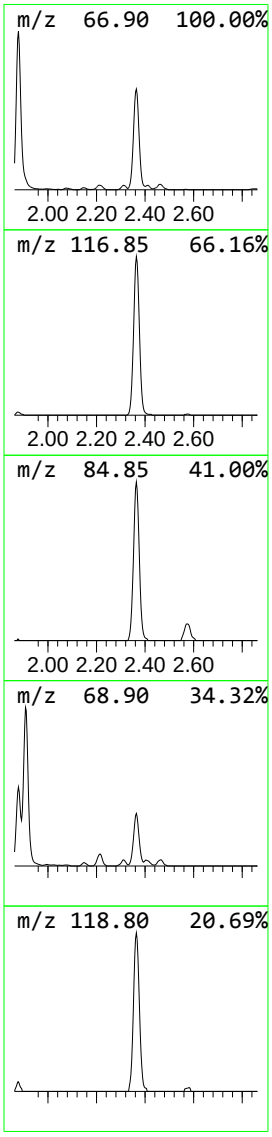
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.364	2.70 ug/L	201050	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	91
2	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	16
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
5	2,3-Butanediol, 2TMS derivative	234	C10H26O2Si2	053274-85-4	9





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

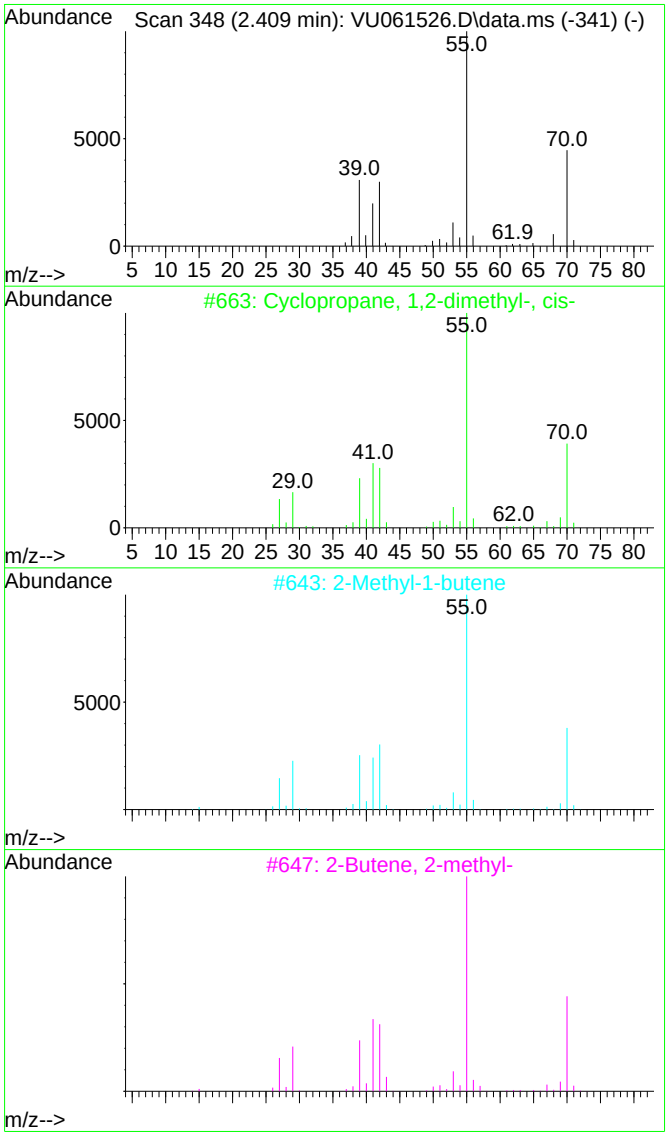
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

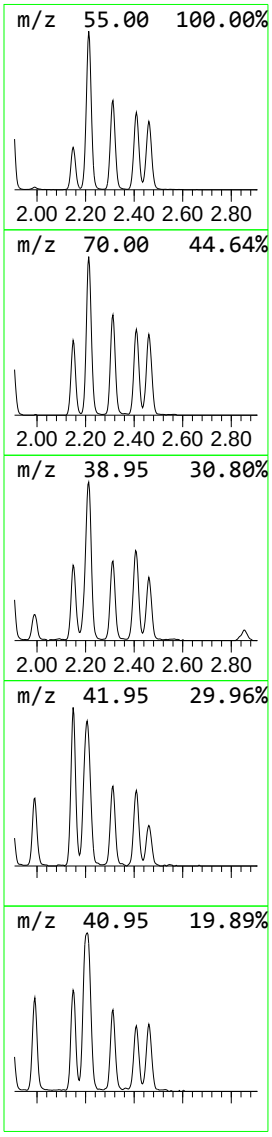
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic2.409 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.409	2.05 ug/L	152509	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	2-Methyl-1-butene	70	C5H10	000563-46-2	87
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

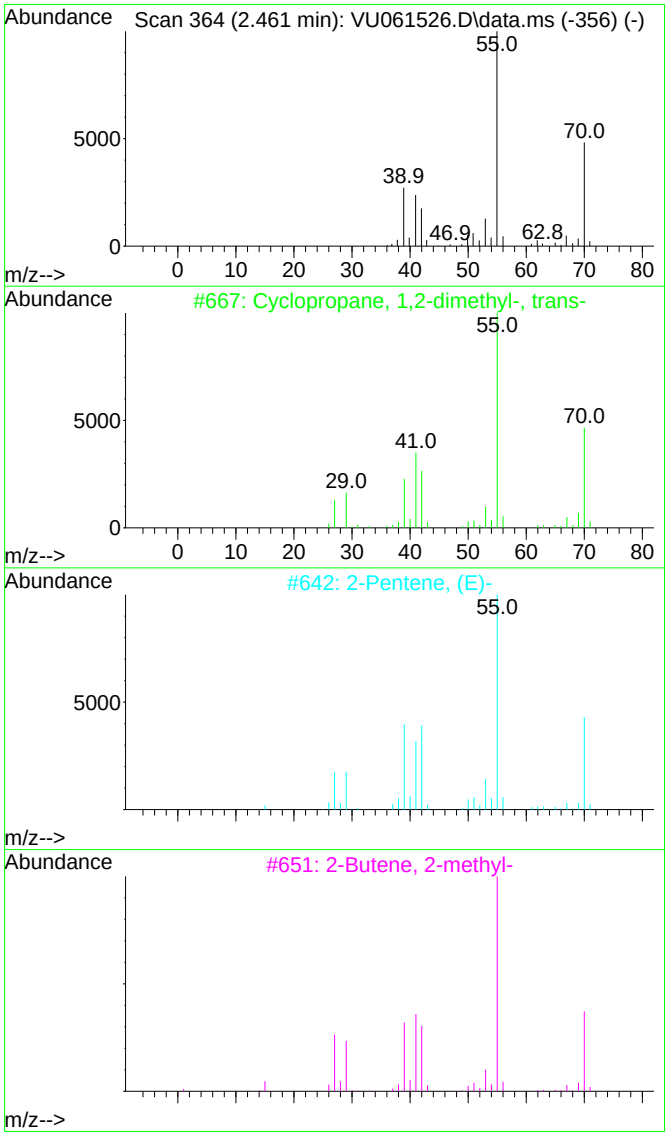
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

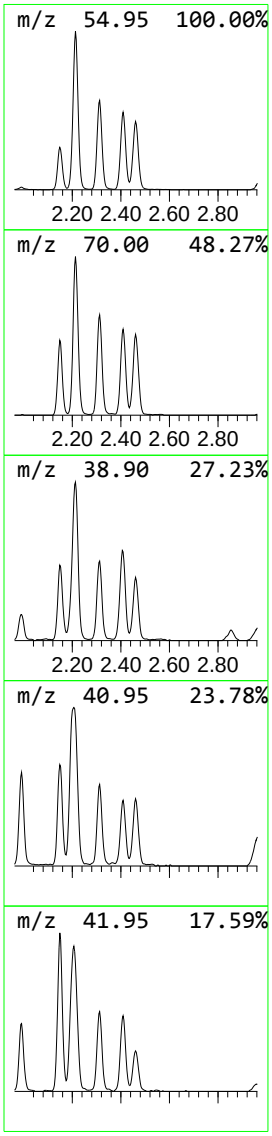
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic2.461 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.461	2.03 ug/L	151243	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
2	2-Pentene, (E)-	70	C5H10	000646-04-8	86
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	78
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

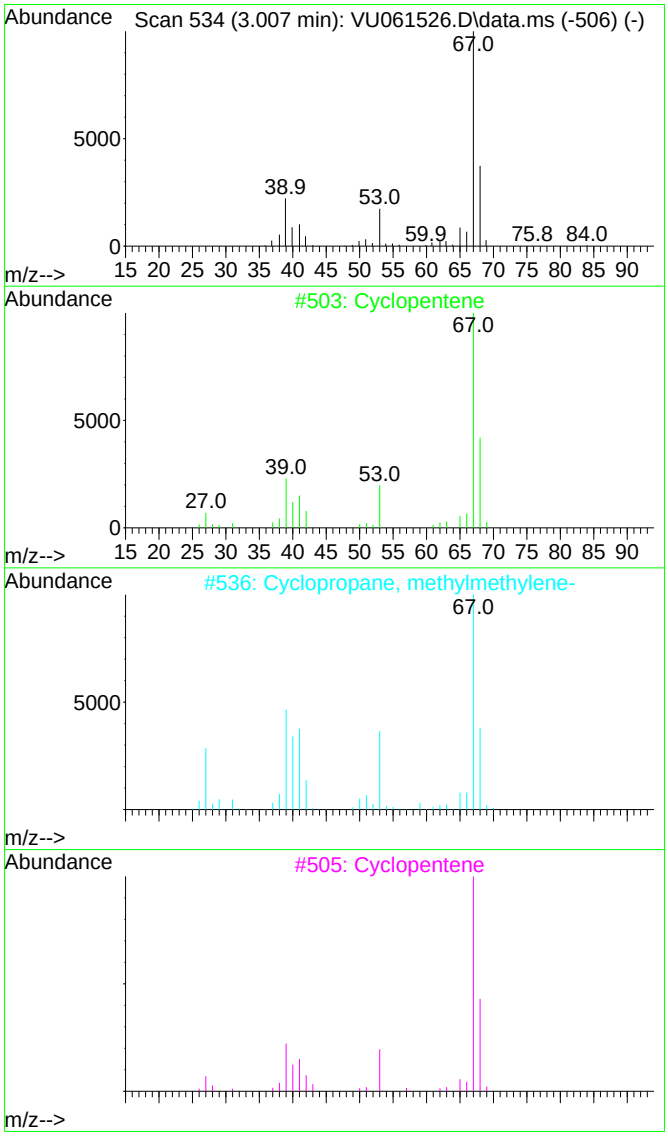
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

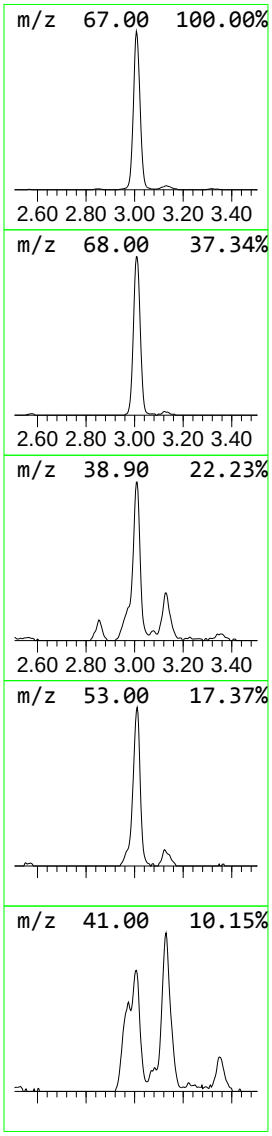
****

Peak Number 13 Cyclopentene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.007	4.28 ug/L	318536	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	91
3	Cyclopentene	68	C5H8	000142-29-0	90
4	Cyclopentene	68	C5H8	000142-29-0	90
5	Cyclopentene	68	C5H8	000142-29-0	72





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

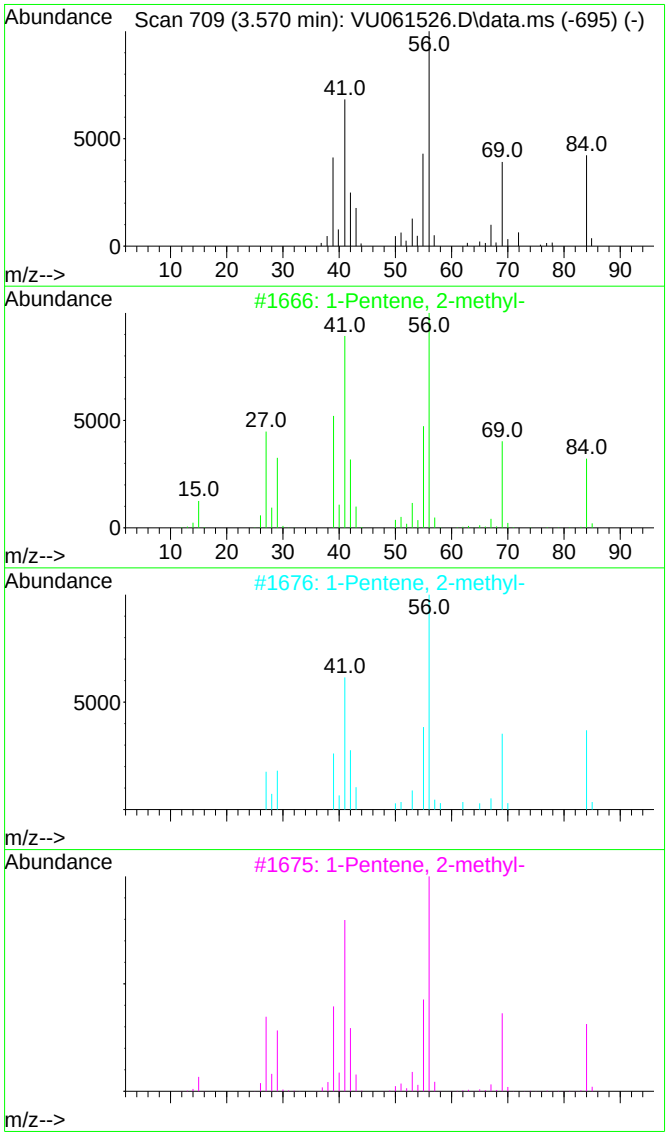
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

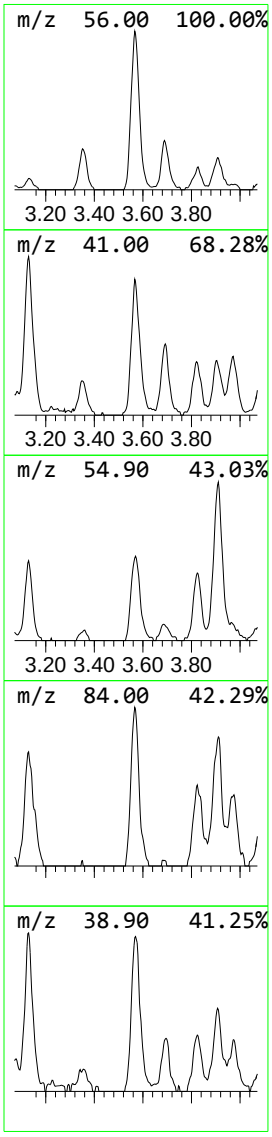
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.570	1.28 ug/L	95055	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclohexane	84	C6H12	000110-82-7	53





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

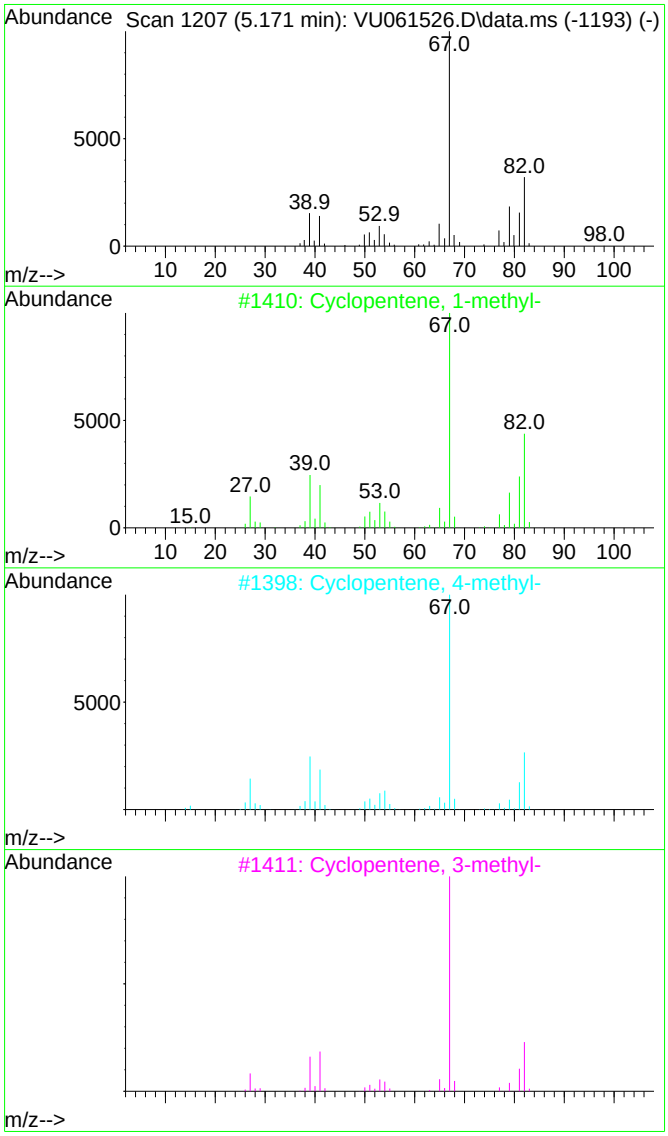
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

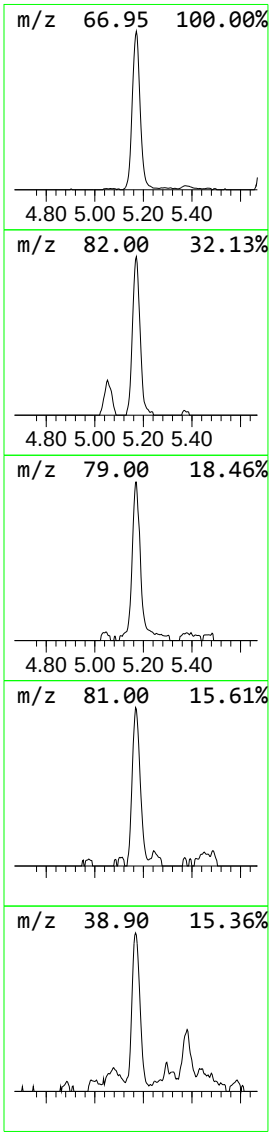
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopentene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.171	1.67 ug/L	123993	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	86
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	86
5	Cyclopentane, methylene-	82	C6H10	001528-30-9	80





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

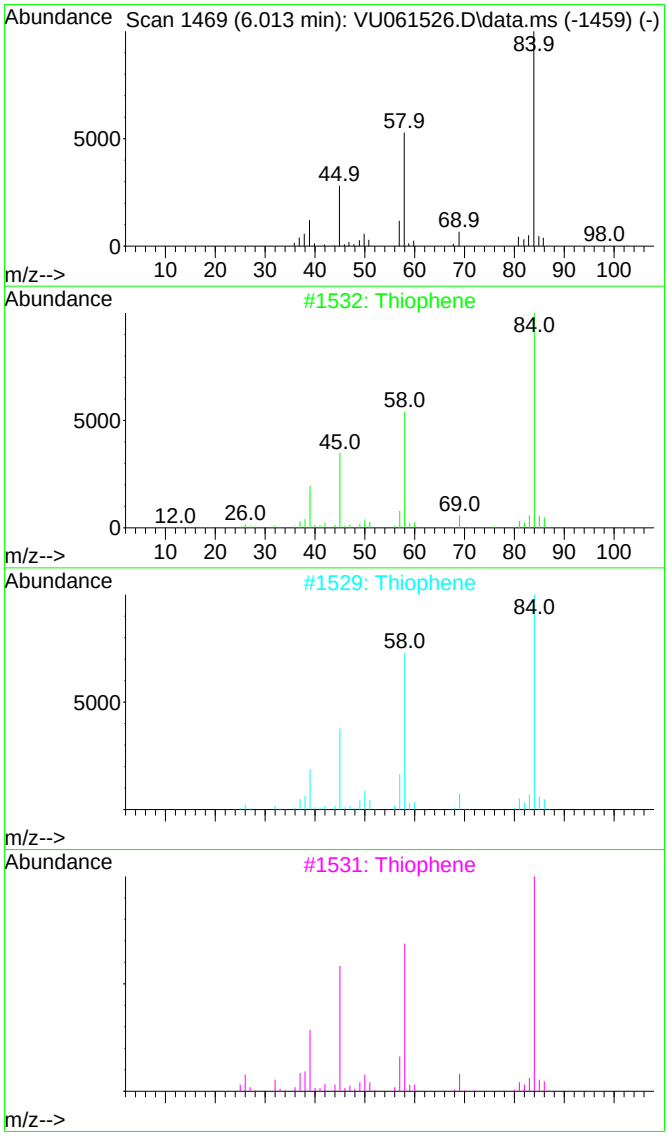
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

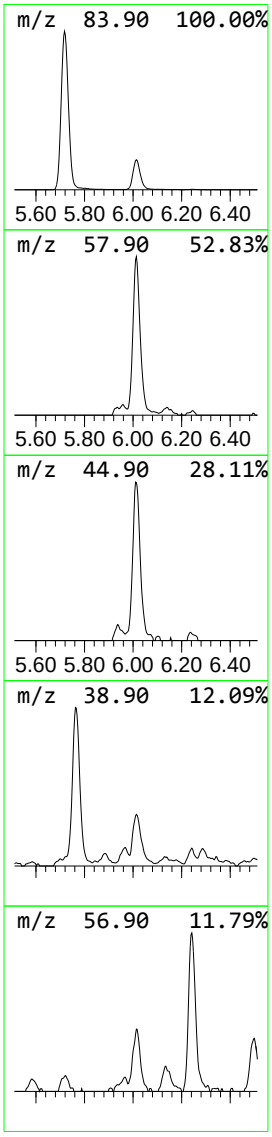
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Thiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.013	1.63 ug/L	121672	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	95
2	Thiophene	84	C4H4S	000110-02-1	95
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	91
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	37





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

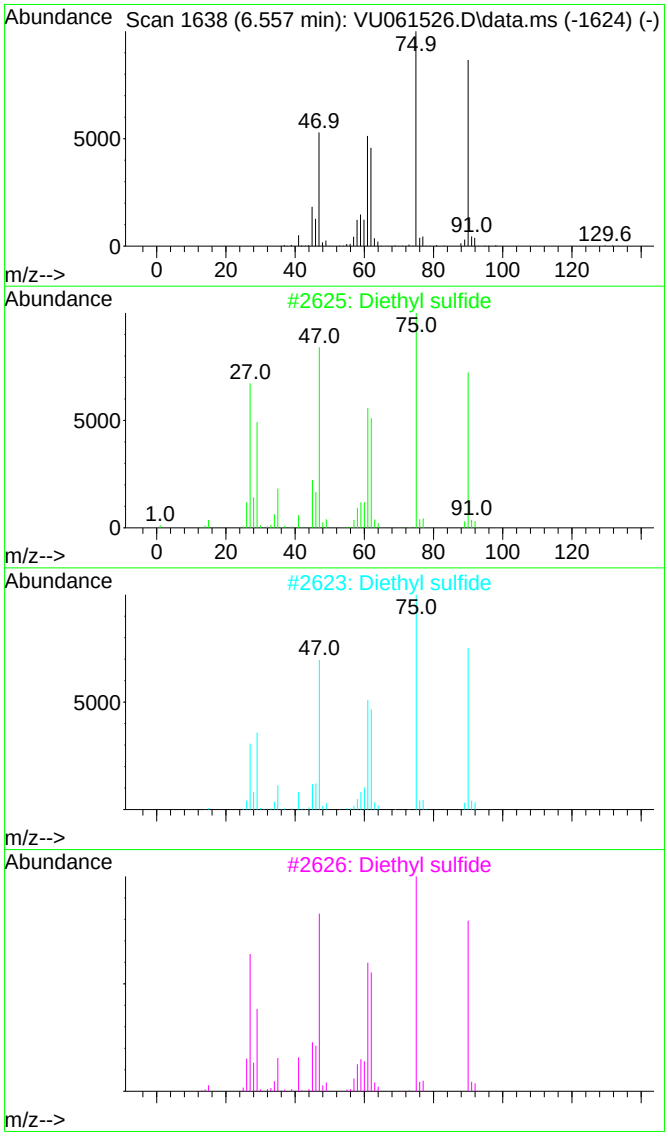
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

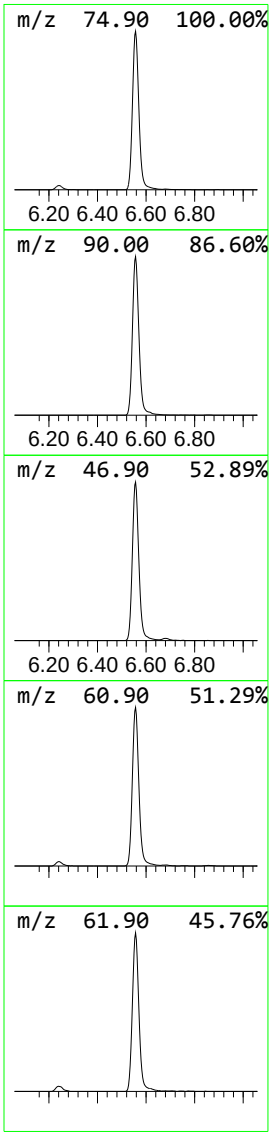
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Diethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.557	17.22 ug/L	1282220	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	95
2	Diethyl sulfide	90	C4H10S	000352-93-2	94
3	Diethyl sulfide	90	C4H10S	000352-93-2	94
4	Diethyl sulfide	90	C4H10S	000352-93-2	91
5	Sulfur diimide, dimethyl-	90	C2H6N2S	013849-02-0	50





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

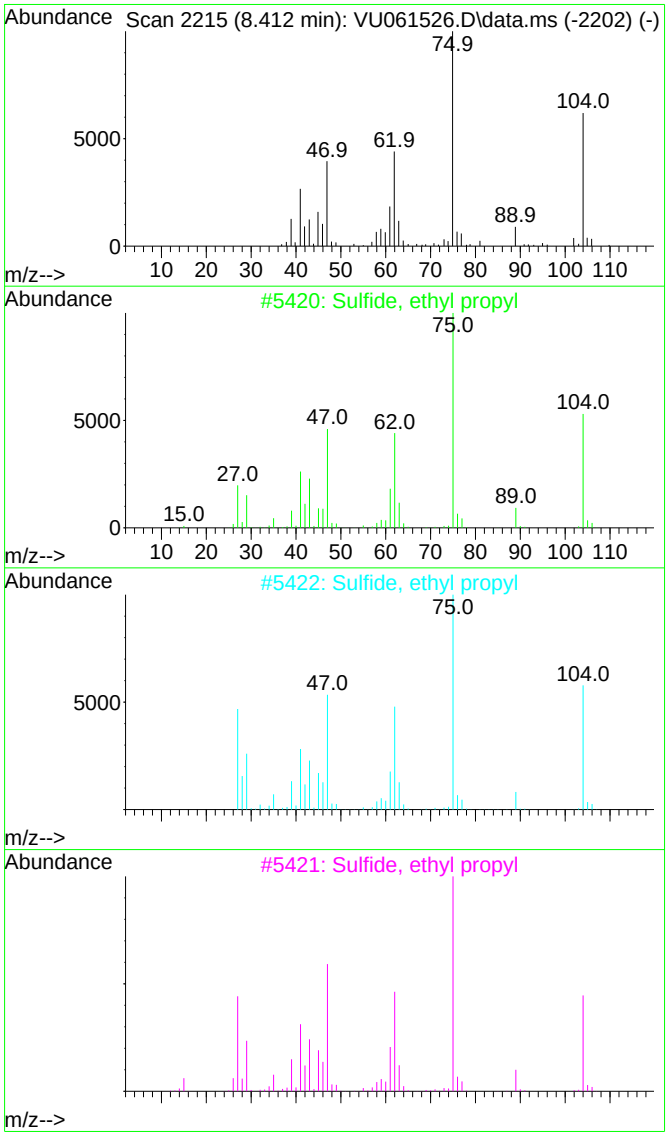
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

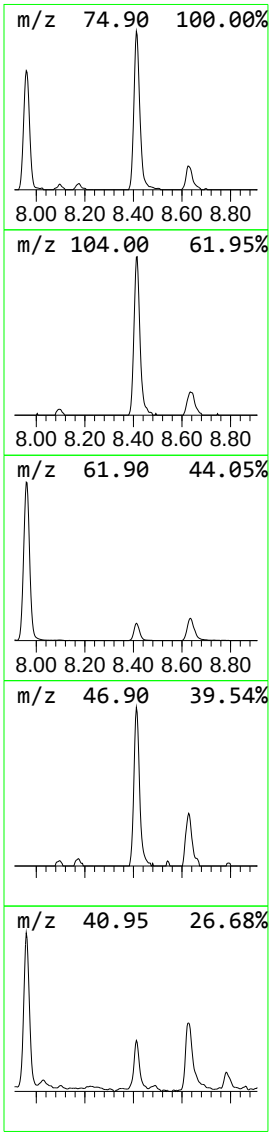
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Sulfide, ethyl propyl Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.412	1.23 ug/L	127705	Chlorobenzene-d5	9.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	97
2	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	96
3	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	91
4	Ethanethiol	62	C2H6S	000075-08-1	47
5	Ethanethiol	62	C2H6S	000075-08-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

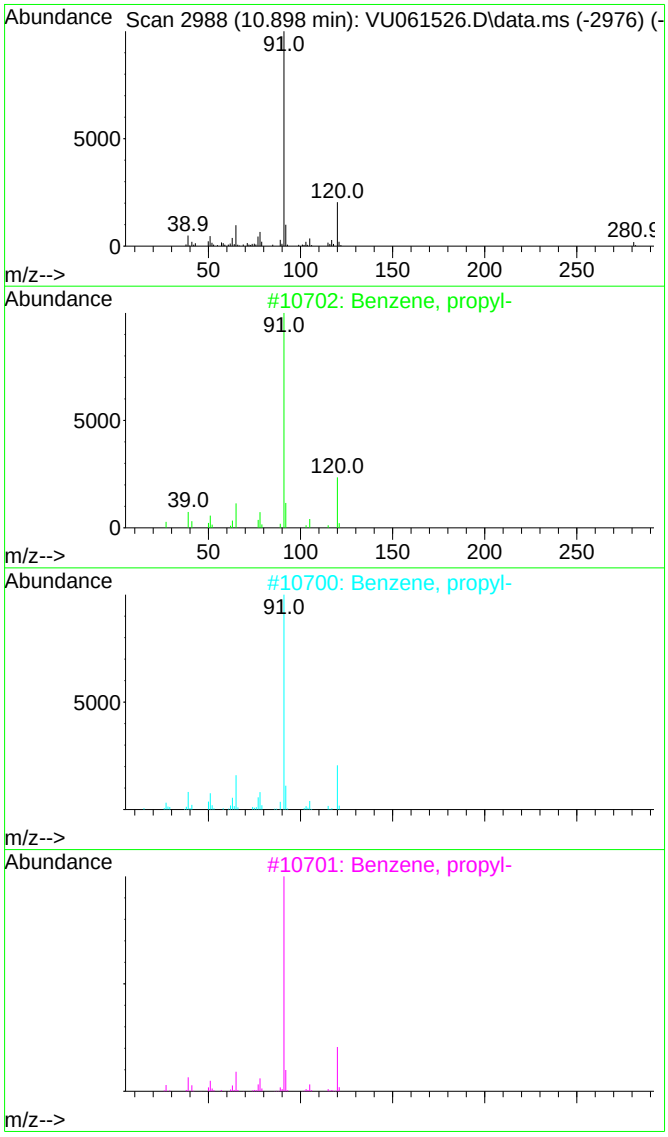
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

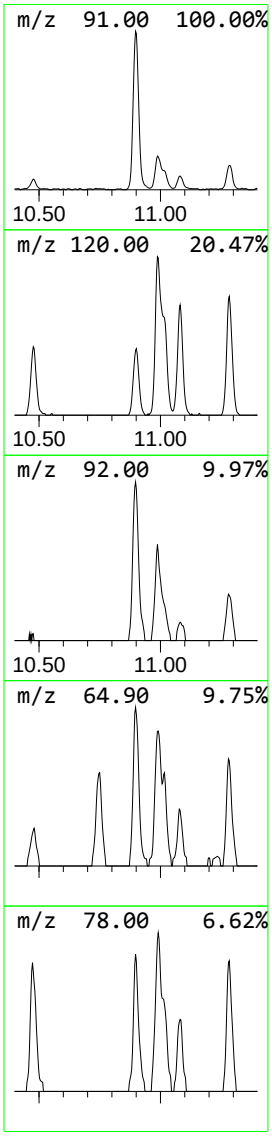
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, propyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	1.05 ug/L	95490	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	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	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

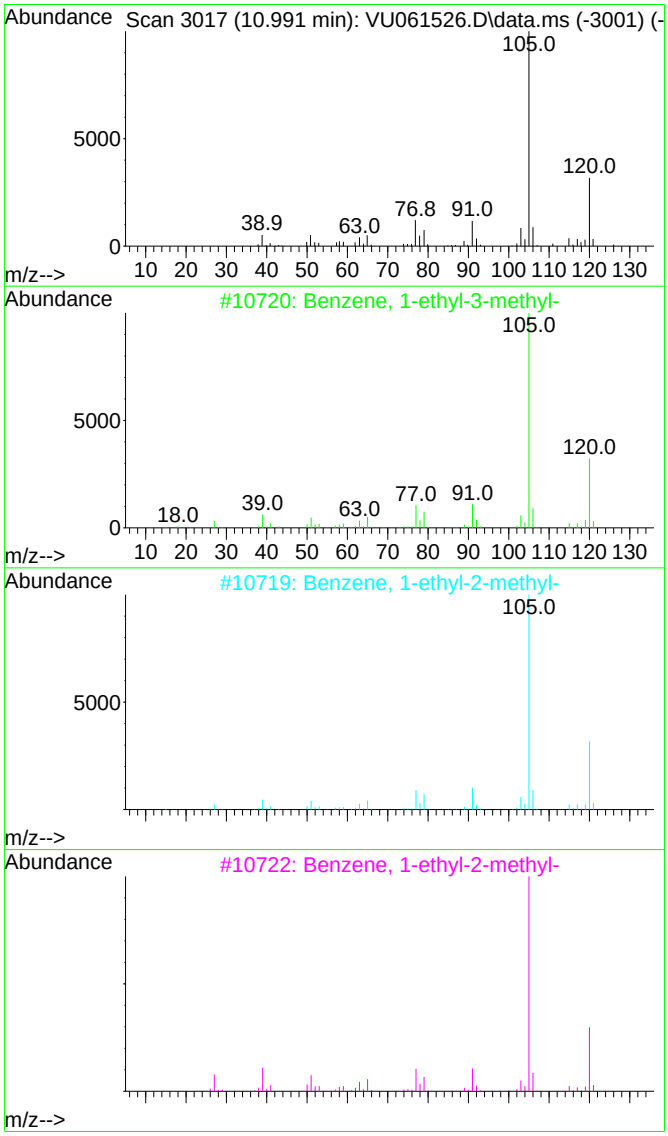
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

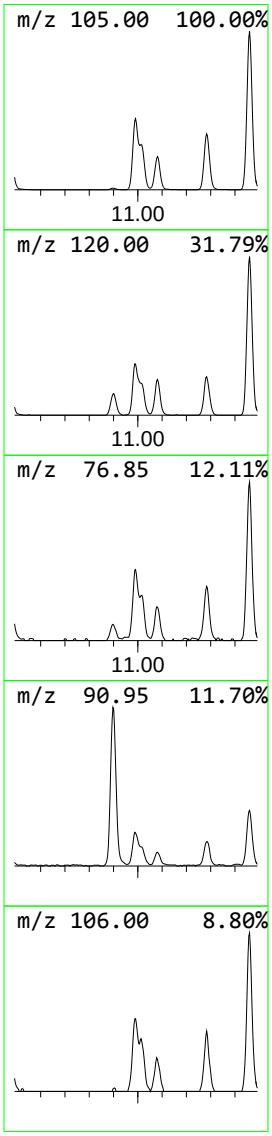
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.991	1.99 ug/L	180571	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

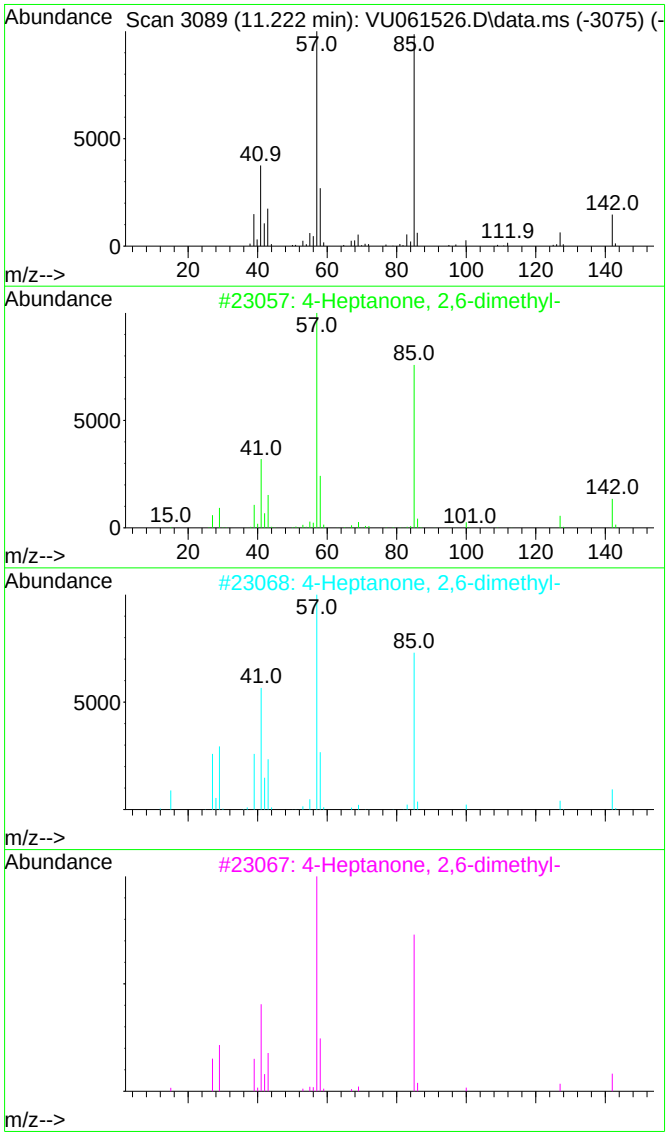
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

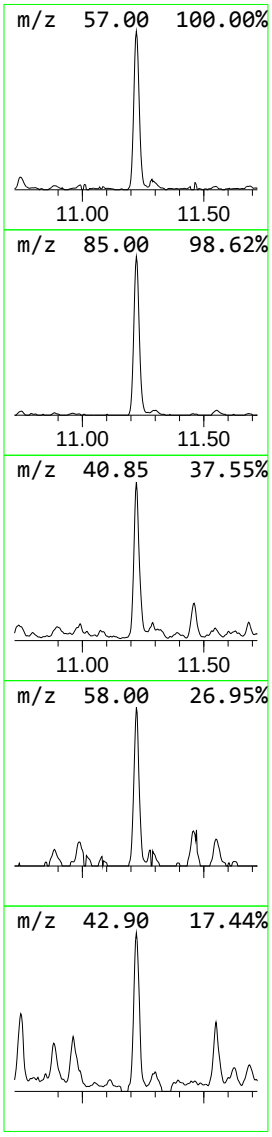
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 4-Heptanone, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	1.57 ug/L	142600	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

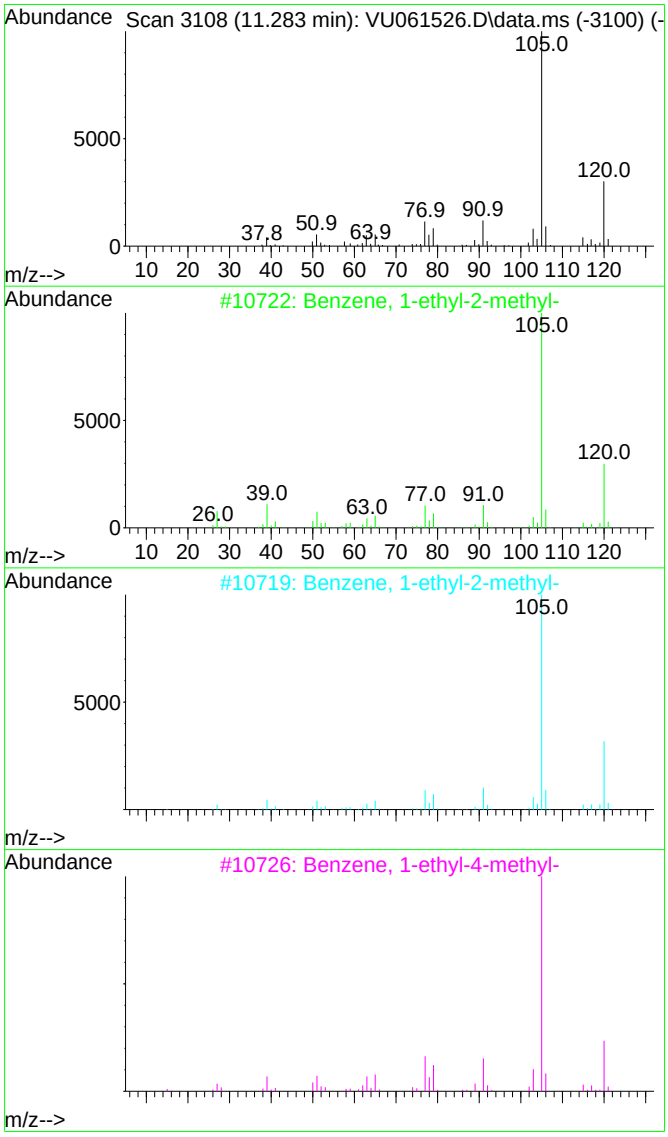
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

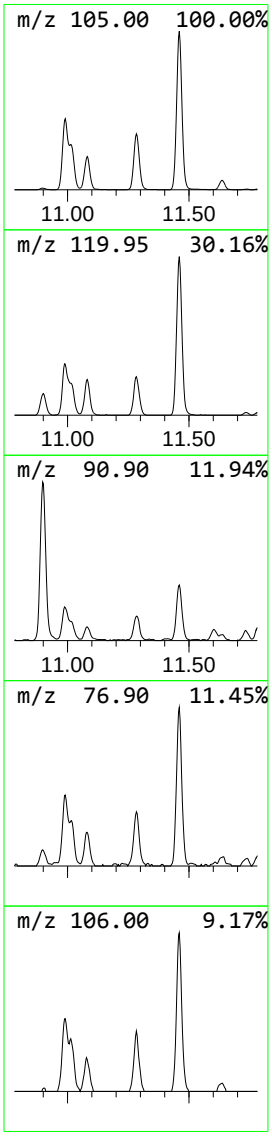
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	1.58 ug/L	143558	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

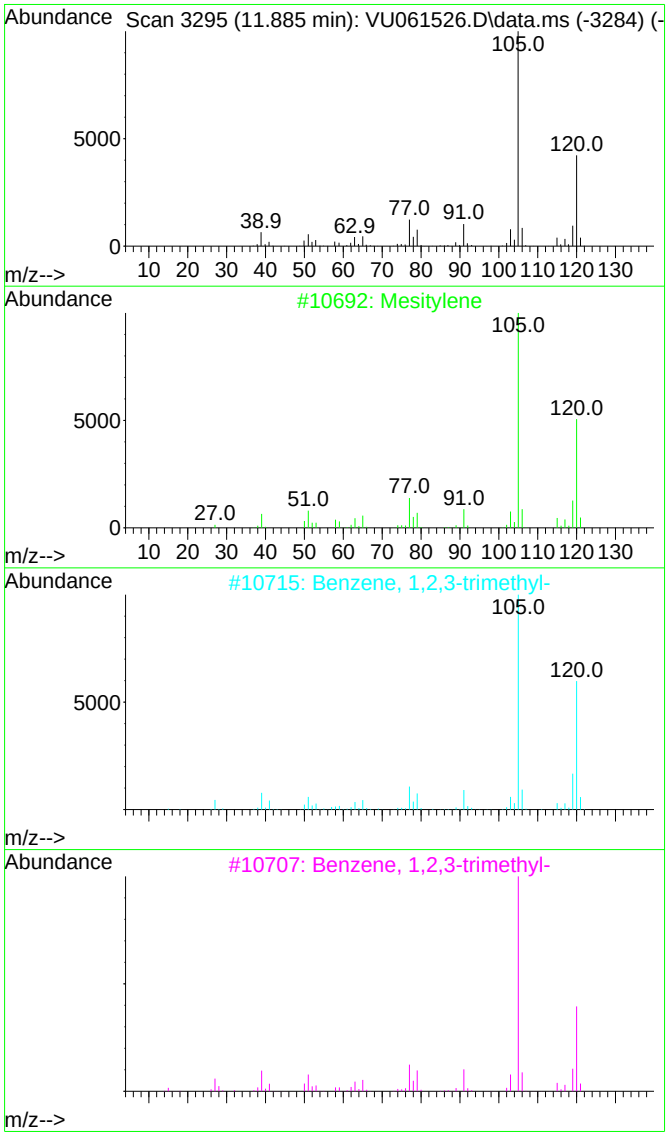
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

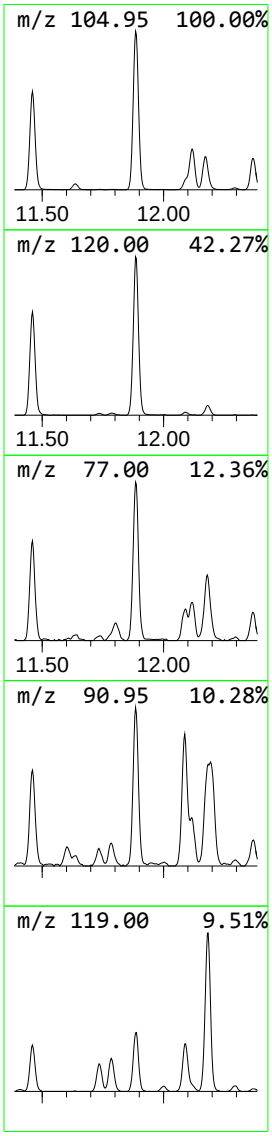
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.885	6.39 ug/L	580512	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

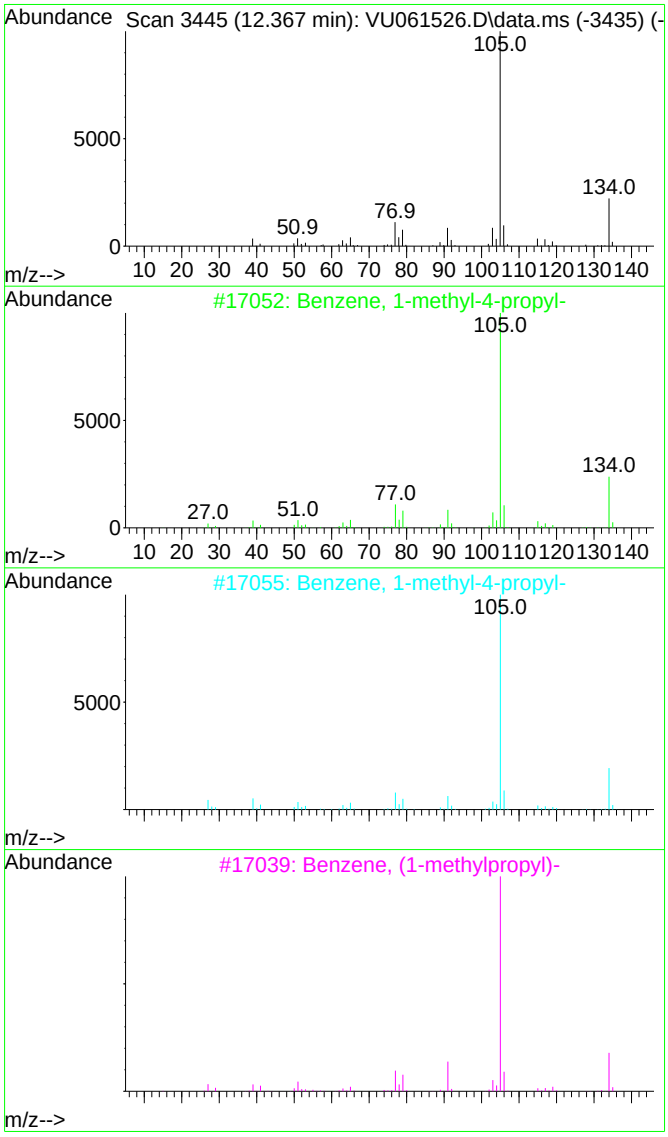
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

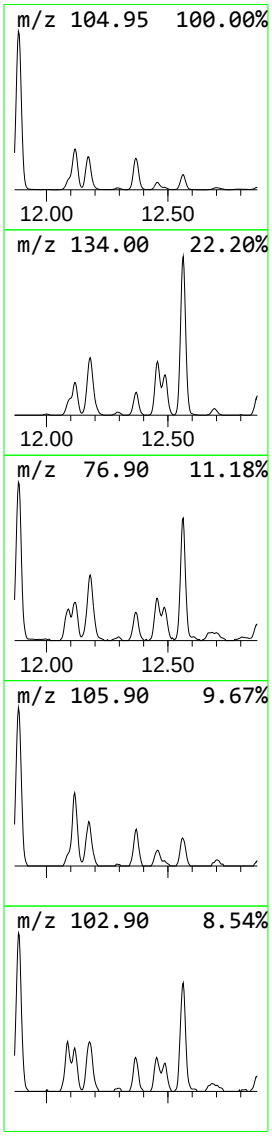
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-methyl-4-propyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	1.06 ug/L	96298	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

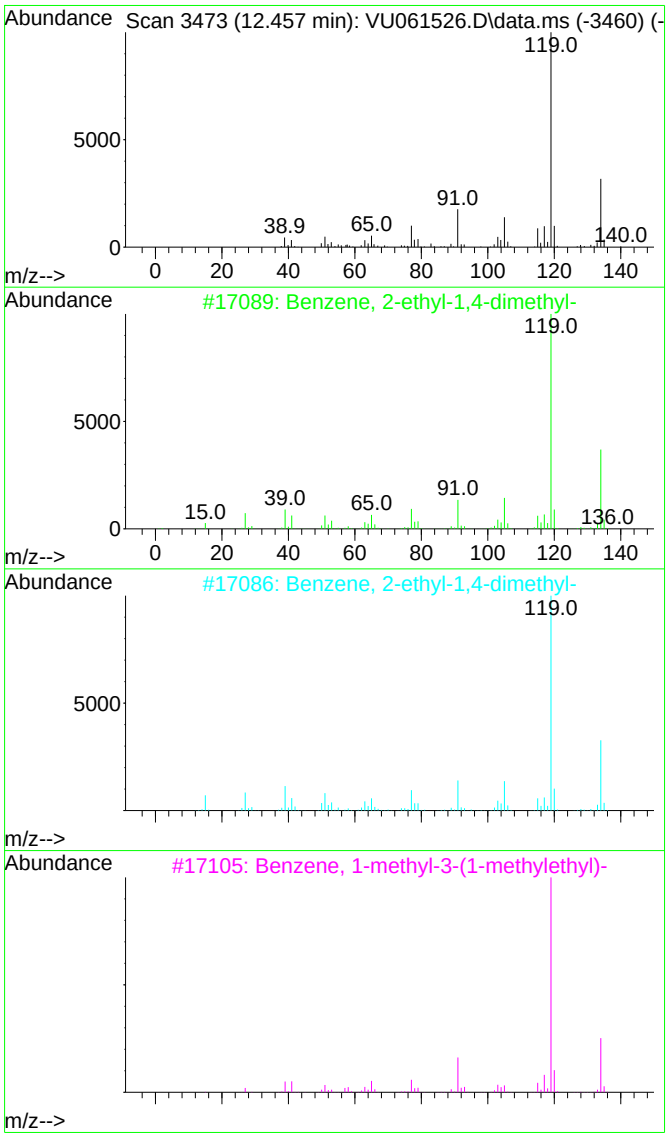
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

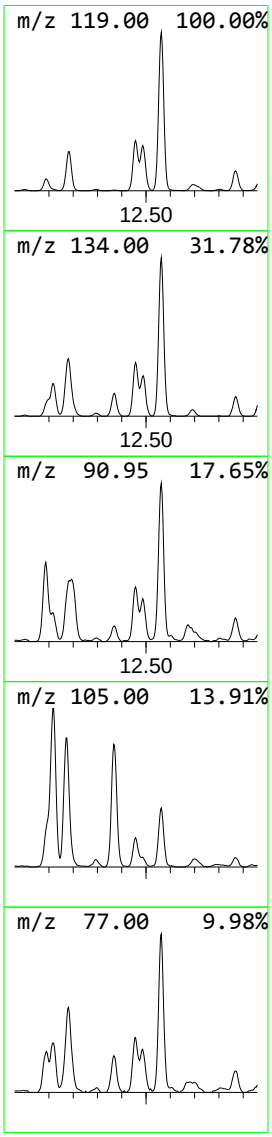
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.31 ug/L	209914	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

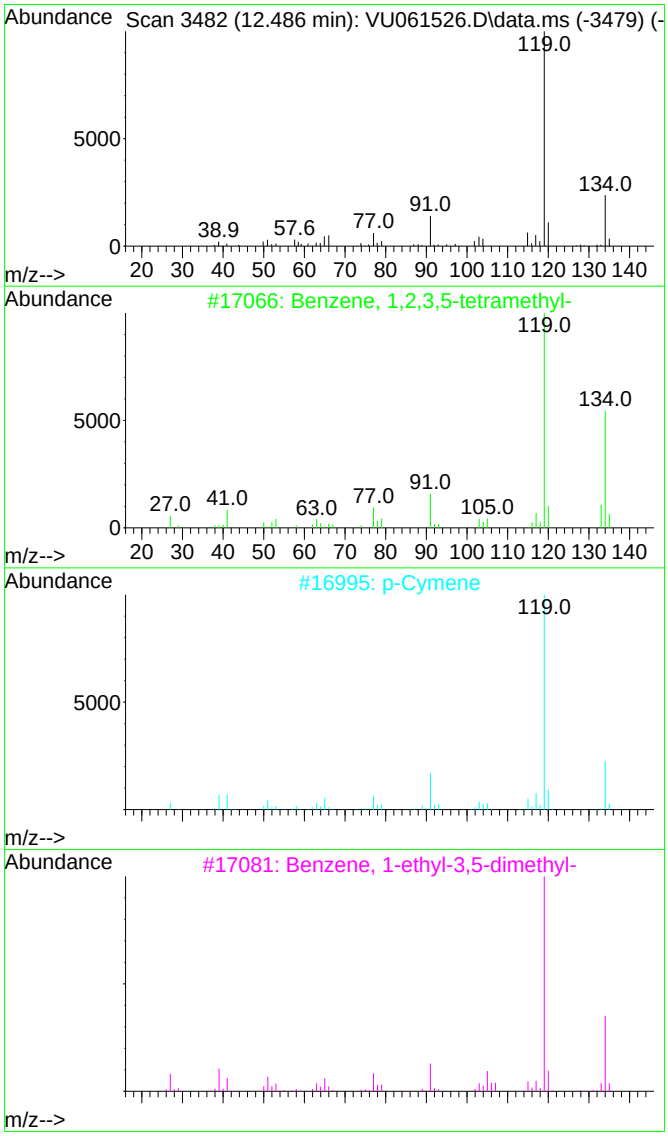
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

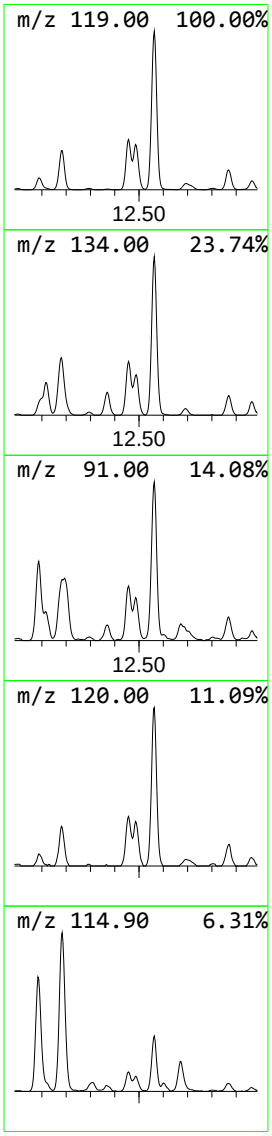
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	1.37 ug/L	124028	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

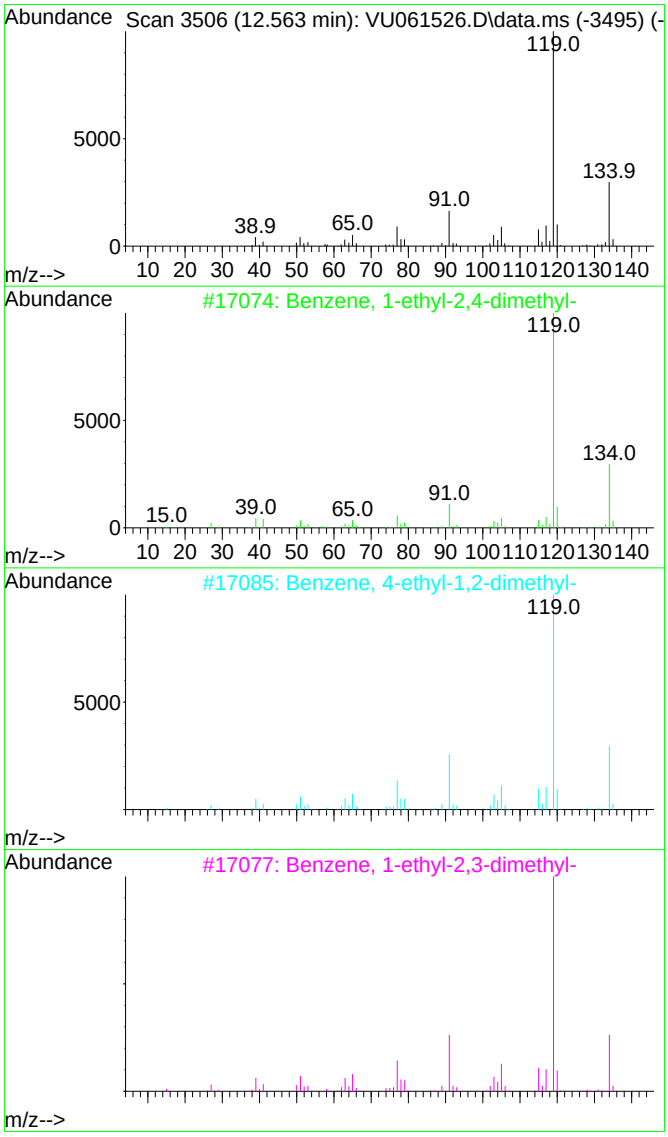
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

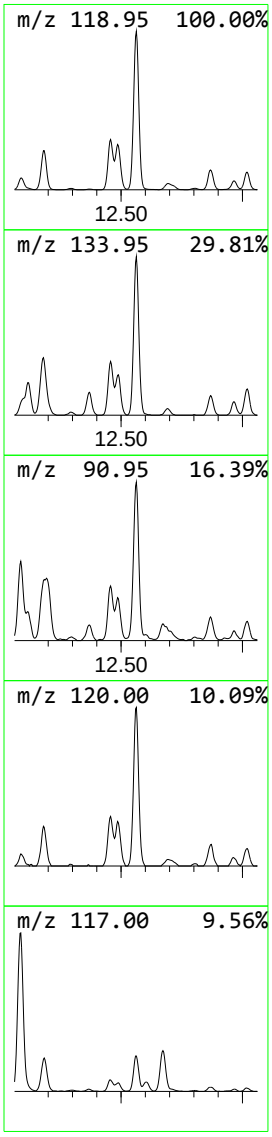
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	6.14 ug/L	557560	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

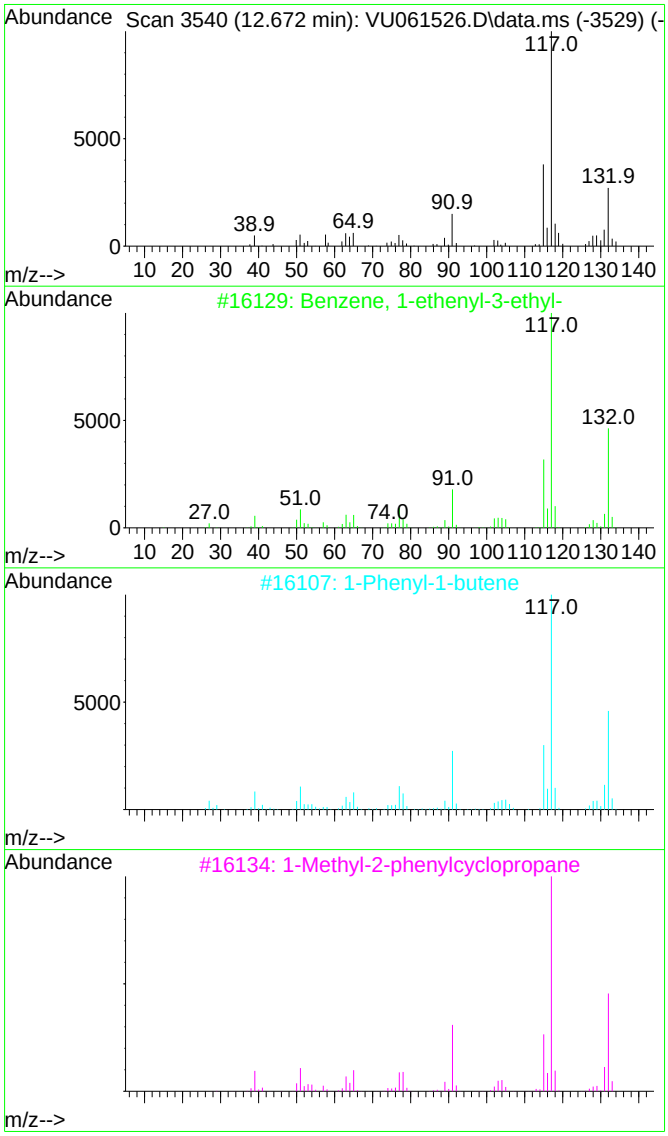
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

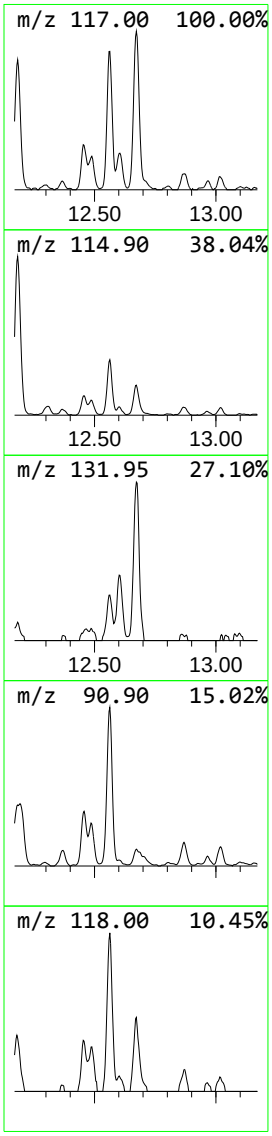
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.672	1.36 ug/L	123655	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

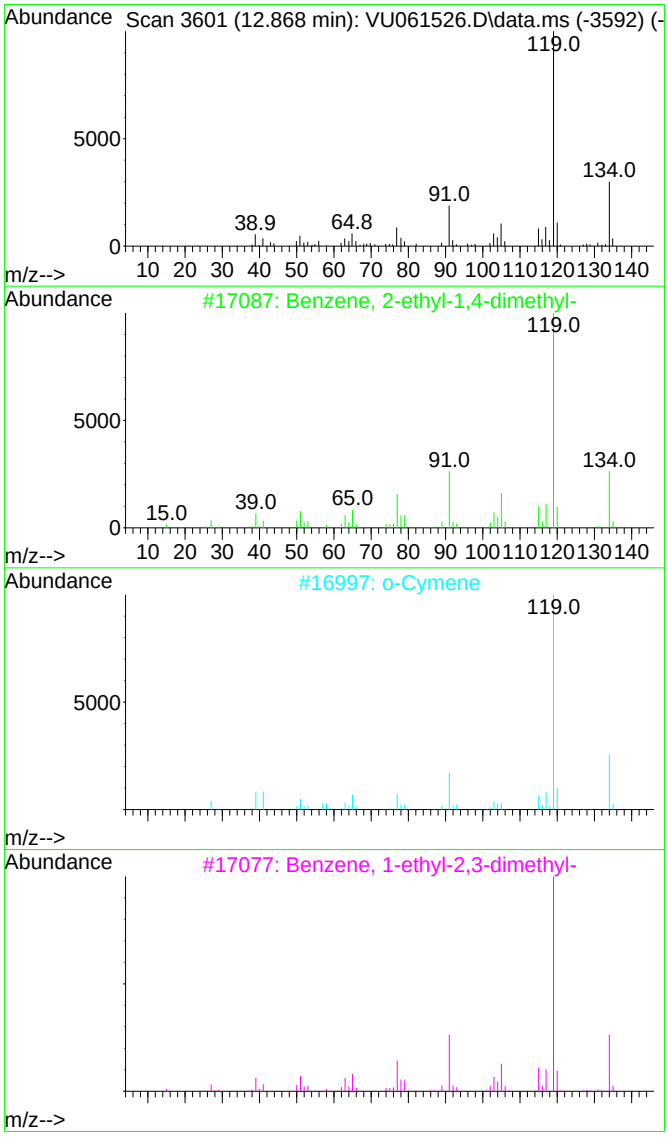
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

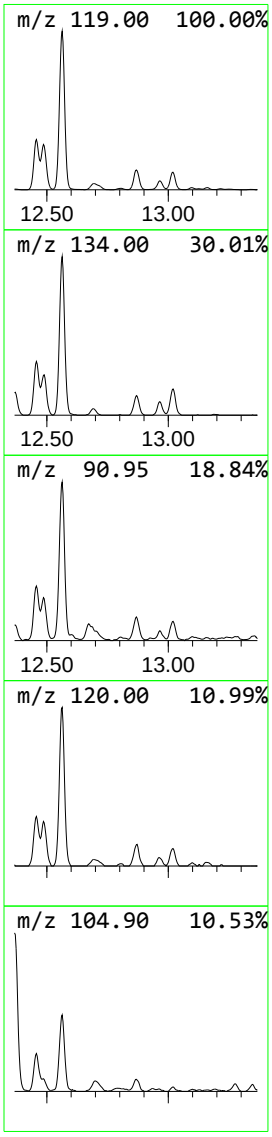
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	1.06 ug/L	96168	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	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	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

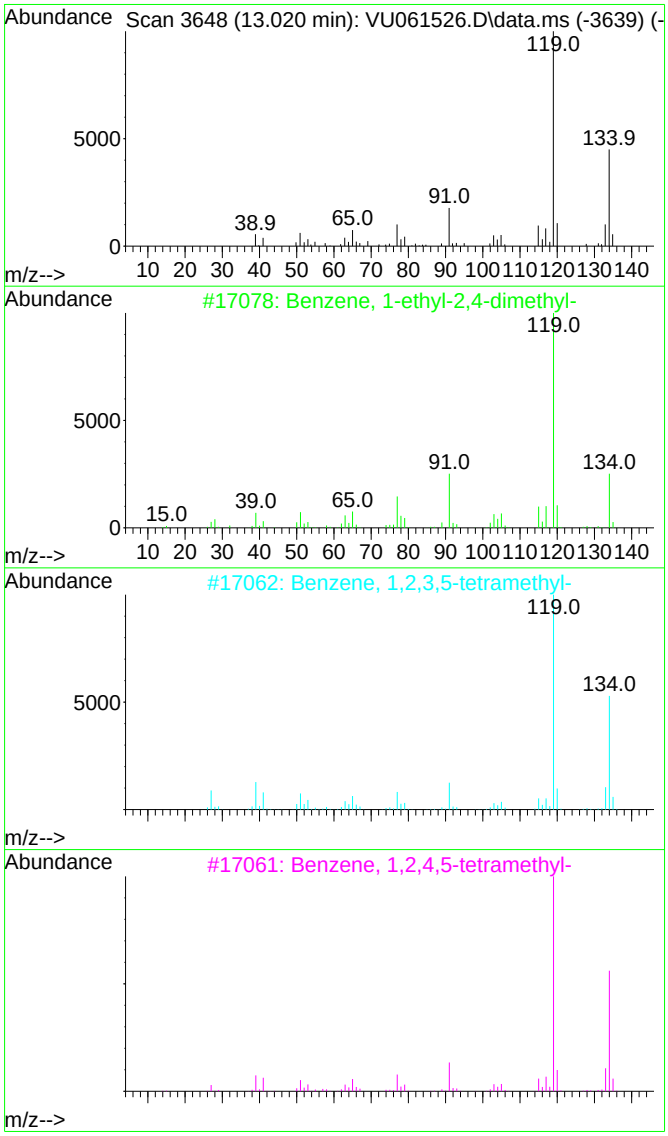
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

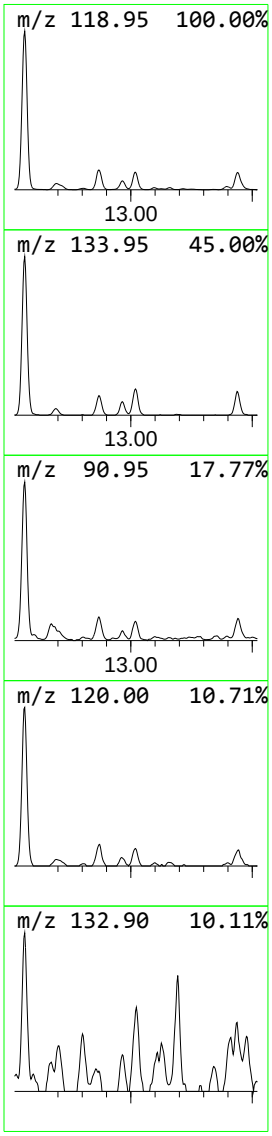
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	0.87 ug/L	79393	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

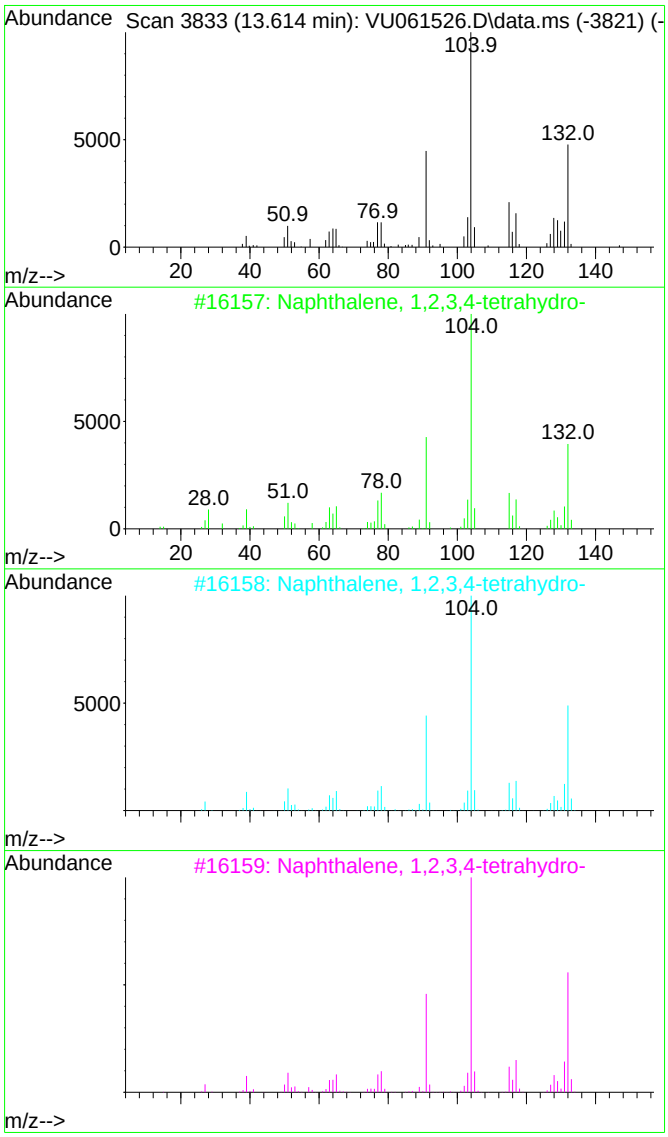
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

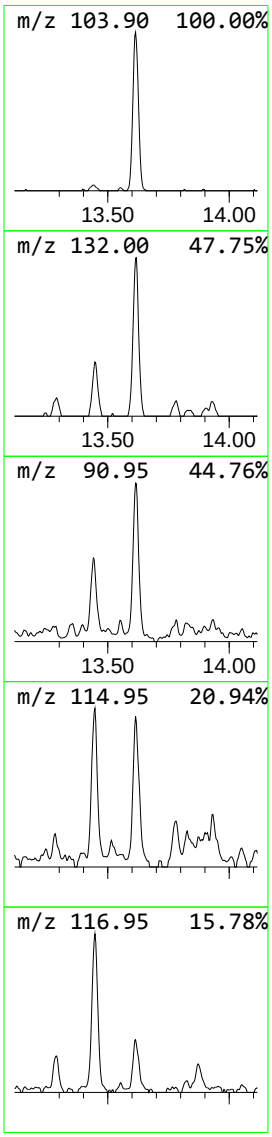
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.615	1.24 ug/L	112277	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81





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Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

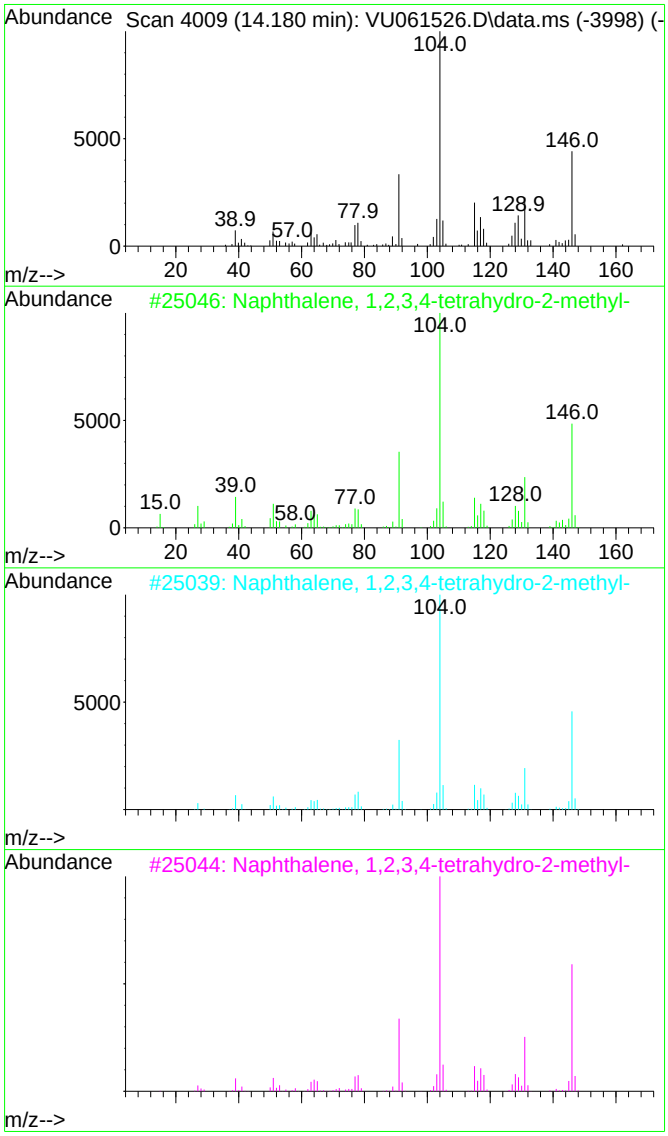
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

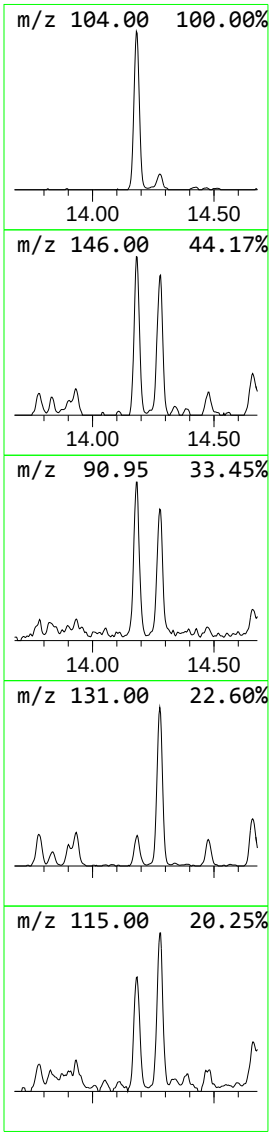
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	1.55 ug/L	140446	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

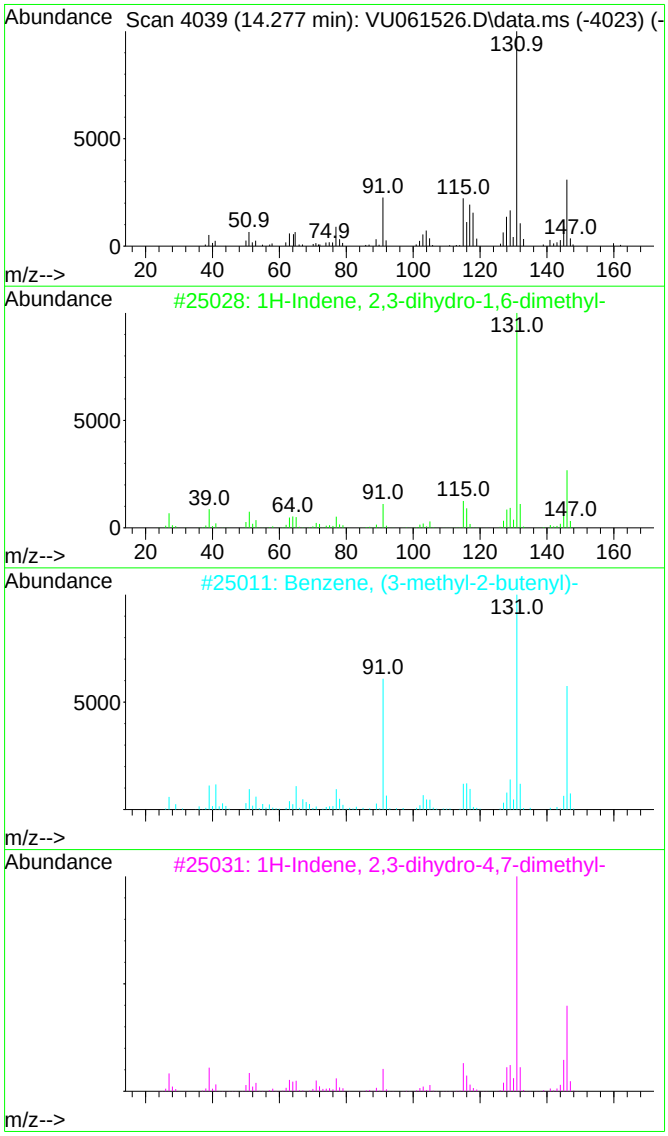
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

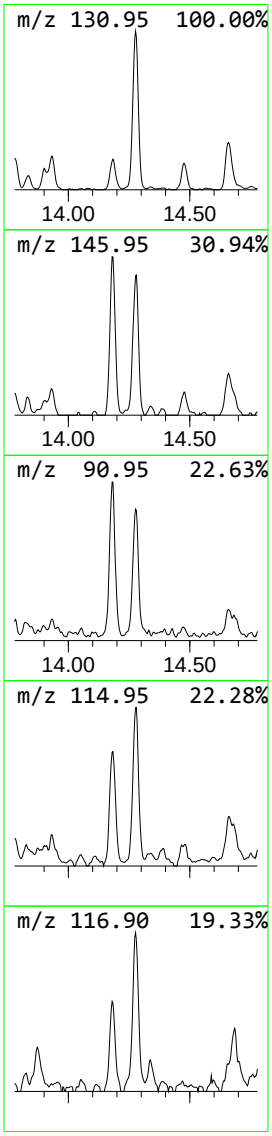
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.277	1.83 ug/L	166201	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

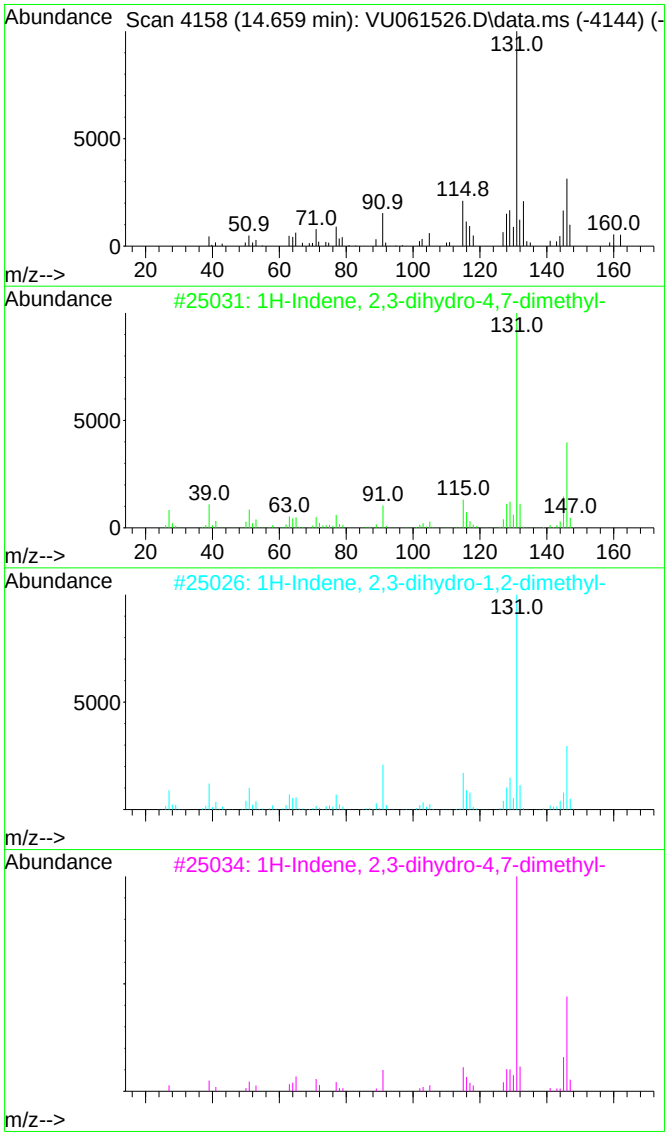
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

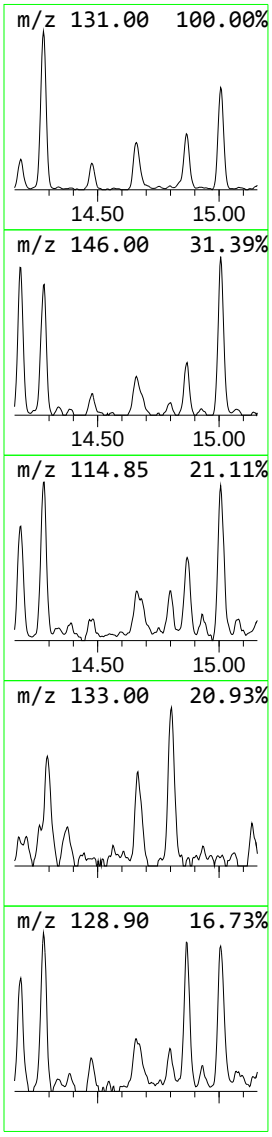
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.659	0.98 ug/L	88807	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

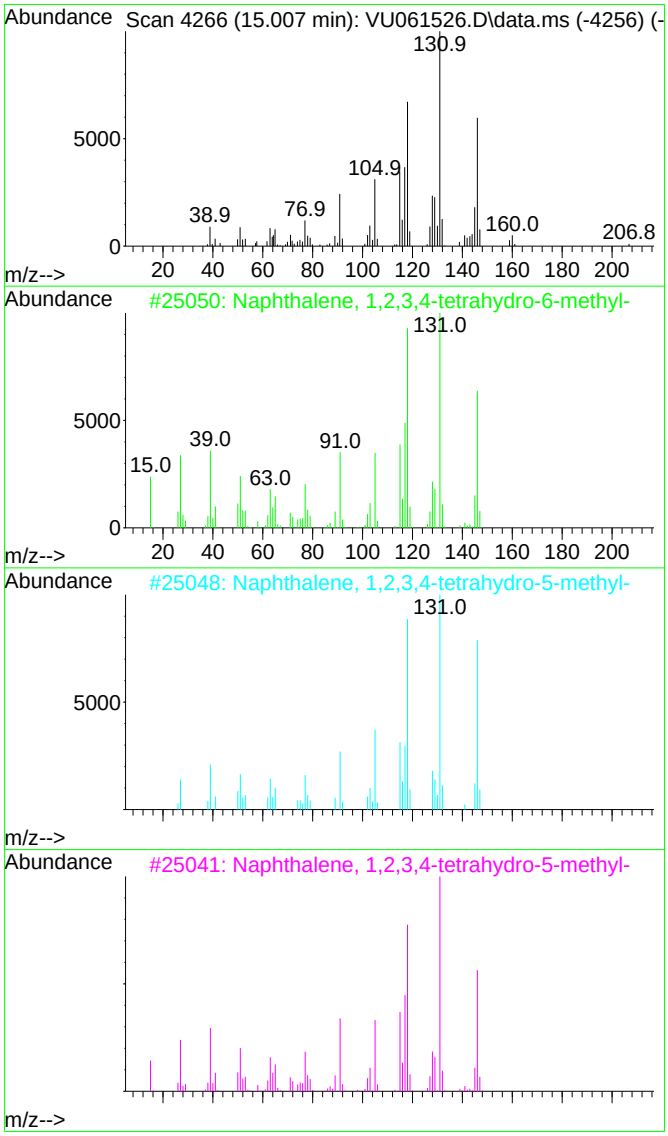
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

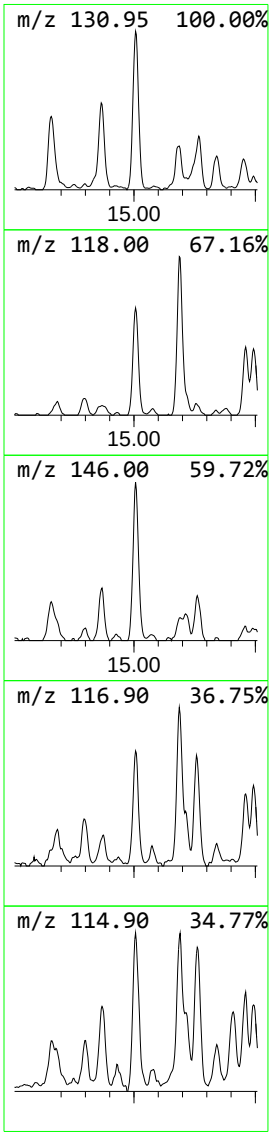
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.007	1.83 ug/L	166474	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

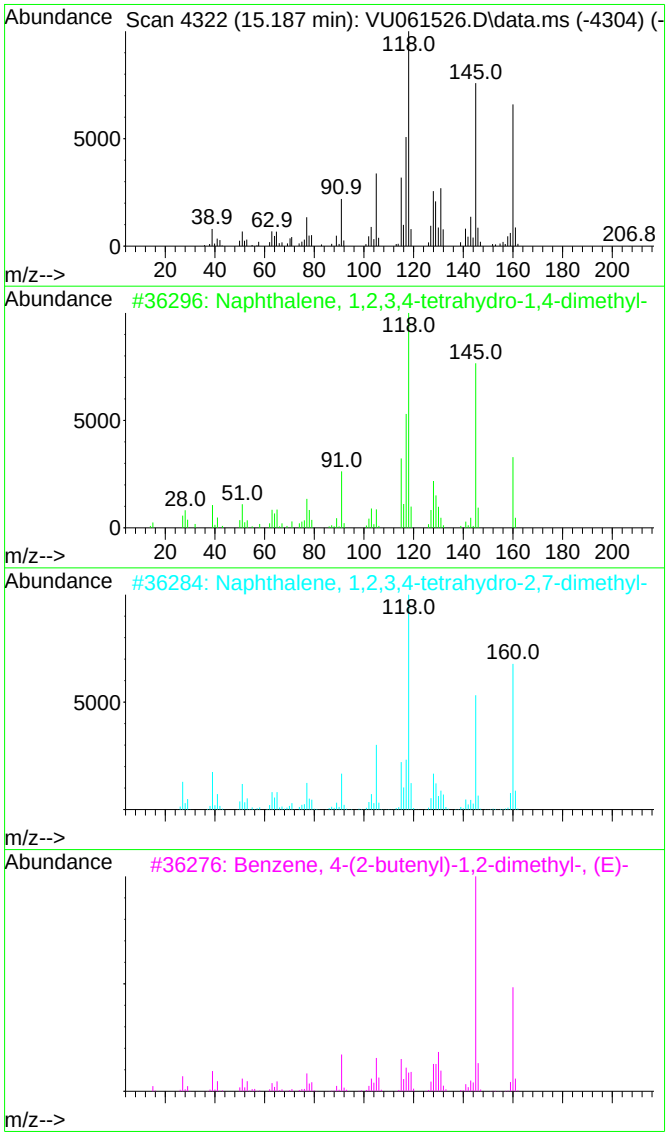
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

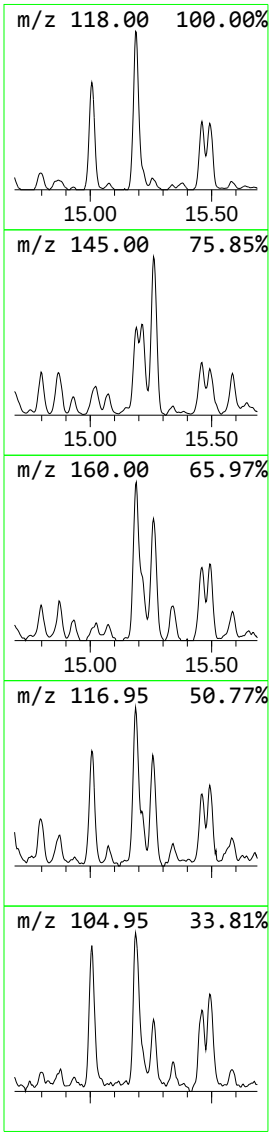
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.187	2.62 ug/L	237605	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	72
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

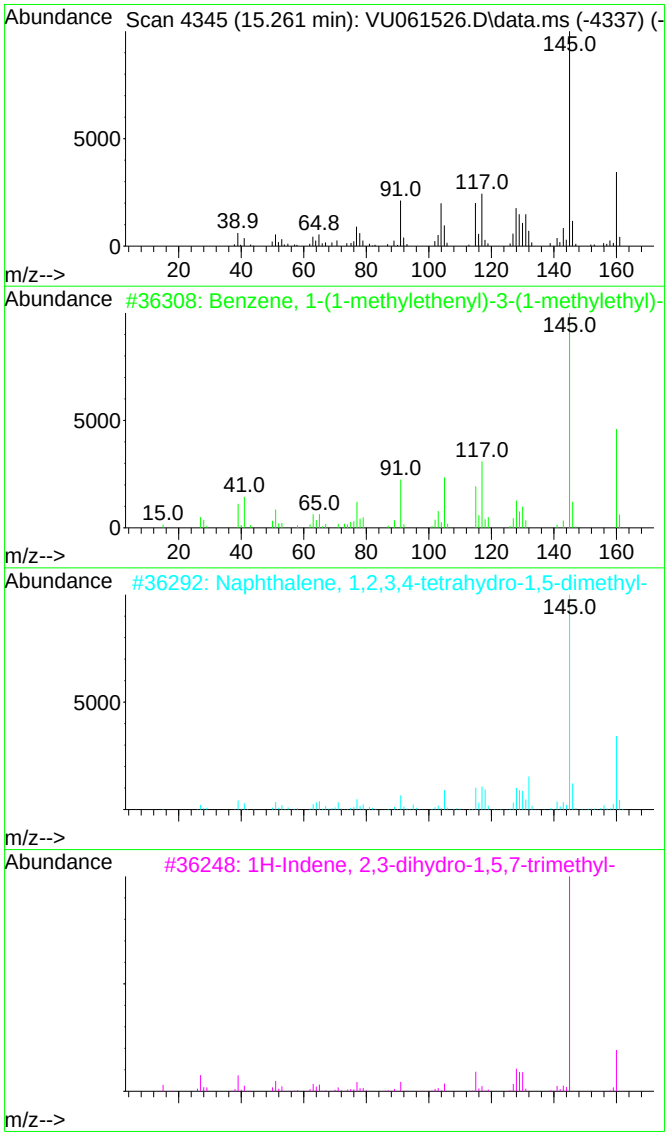
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

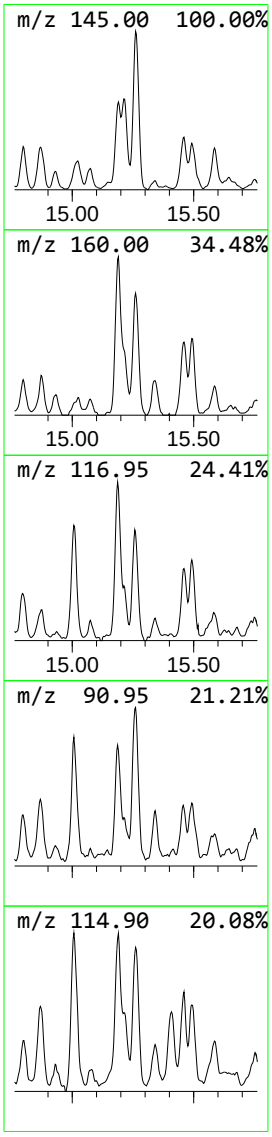
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1-(1-methylethenyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.261	1.84 ug/L	166869	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	76
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

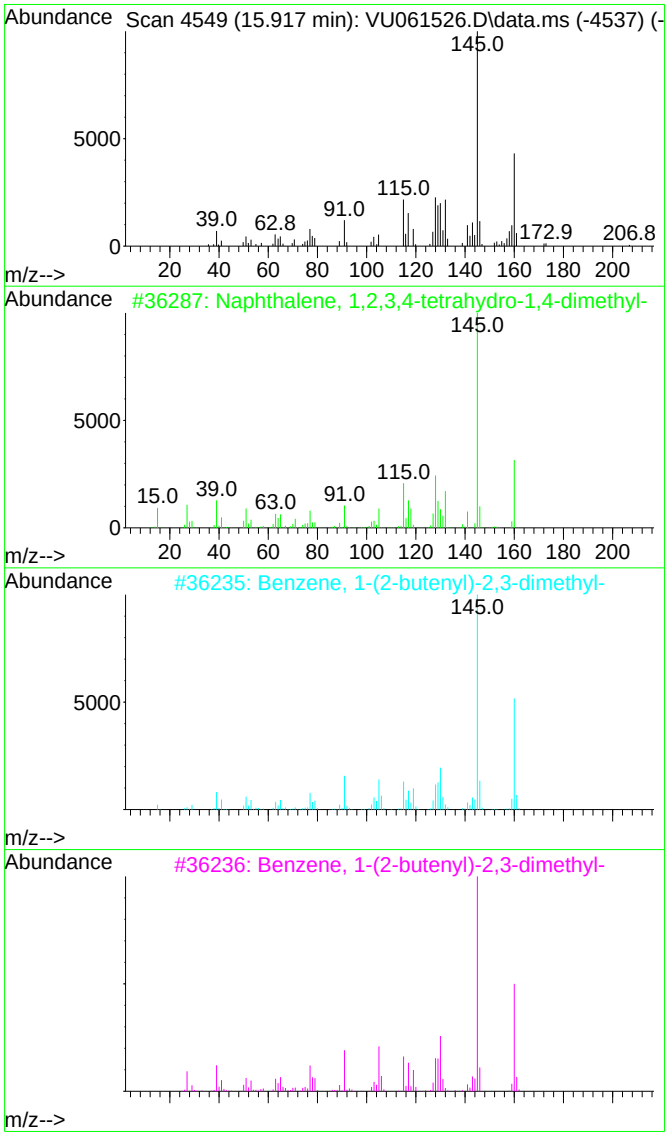
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0

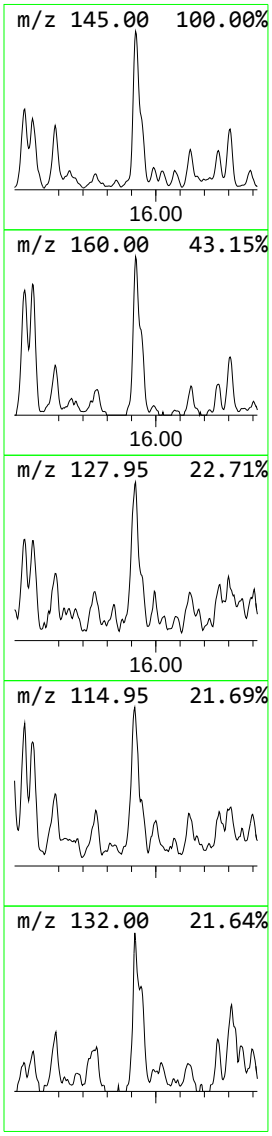
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.917	1.62 ug/L	146733	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
Data File : VU061526.D
Acq On : 07 Nov 2024 17:31
Operator : MD/SY
Sample : P4743-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H46S1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.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...	1.358	14.5	ug/L	1079160	1	6.242	372284	5.0
1,1,2-Trifluoro...	1.435	1.3	ug/L	93842	1	6.242	372284	5.0
Sulfur dioxide	1.490	3.6	ug/L	266949	1	6.242	372284	5.0
(DEL) Alkane: S...	1.657	2.6	ug/L	195071	1	6.242	372284	5.0
(DEL) Alkane: S...	1.727	4.3	ug/L	318338	1	6.242	372284	5.0
(DEL) Alkane: S...	1.991	1.2	ug/L	86768	1	6.242	372284	5.0
(DEL) Alkane: C...	2.149	1.8	ug/L	132613	1	6.242	372284	5.0
(DEL) Alkane: S...	2.213	5.3	ug/L	396145	1	6.242	372284	5.0
(DEL) Alkane: C...	2.313	2.5	ug/L	184329	1	6.242	372284	5.0
Ethane, 1,2-dic...	2.364	2.7	ug/L	201050	1	6.242	372284	5.0
(DEL) Alkane: C...	2.409	2.0	ug/L	152509	1	6.242	372284	5.0
(DEL) Alkane: C...	2.461	2.0	ug/L	151243	1	6.242	372284	5.0
Cyclopentene	3.007	4.3	ug/L	318536	1	6.242	372284	5.0
(DEL) Alkane: S...	3.570	1.3	ug/L	95055	1	6.242	372284	5.0
Cyclopentene, 1...	5.171	1.7	ug/L	123993	1	6.242	372284	5.0
Thiophene	6.013	1.6	ug/L	121672	1	6.242	372284	5.0
Diethyl sulfide	6.557	17.2	ug/L	1282220	1	6.242	372284	5.0
Sulfide, ethyl ...	8.412	1.2	ug/L	127705	2	9.409	518686	5.0
Benzene, propyl-	10.898	1.1	ug/L	95490	3	11.804	454043	5.0
Benzene, 1-ethy...	10.991	2.0	ug/L	180571	3	11.804	454043	5.0
4-Heptanone, 2,...	11.222	1.6	ug/L	142600	3	11.804	454043	5.0
Benzene, 1-ethy...	11.283	1.6	ug/L	143558	3	11.804	454043	5.0
Benzene, 1,2,3-...	11.885	6.4	ug/L	580512	3	11.804	454043	5.0
Benzene, 1-meth...	12.367	1.1	ug/L	96298	3	11.804	454043	5.0
Benzene, 1-meth...	12.457	2.3	ug/L	209914	3	11.804	454043	5.0
Benzene, 1,2,3,...	12.486	1.4	ug/L	124028	3	11.804	454043	5.0
Benzene, 1-ethy...	12.563	6.1	ug/L	557560	3	11.804	454043	5.0
Benzene, 1-ethe...	12.672	1.4	ug/L	123655	3	11.804	454043	5.0
Benzene, 2-ethy...	12.868	1.1	ug/L	96168	3	11.804	454043	5.0
Benzene, 1,2,4,...	13.020	0.9	ug/L	79393	3	11.804	454043	5.0
Naphthalene, 1,...	13.615	1.2	ug/L	112277	3	11.804	454043	5.0
Naphthalene, 1,...	14.180	1.6	ug/L	140446	3	11.804	454043	5.0
1H-Indene, 2,3-...	14.277	1.8	ug/L	166201	3	11.804	454043	5.0
1H-Indene, 2,3-...	14.659	1.0	ug/L	88807	3	11.804	454043	5.0
Naphthalene, 1,...	15.007	1.8	ug/L	166474	3	11.804	454043	5.0
Naphthalene, 1,...	15.187	2.6	ug/L	237605	3	11.804	454043	5.0
Benzene, 1-(1-m...	15.261	1.8	ug/L	166869	3	11.804	454043	5.0
Benzene, 1-(2-b...	15.917	1.6	ug/L	146733	3	11.804	454043	5.0