LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

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\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU049335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.938	172	186	197	rBV2	169443	260680	2.32%	0.261%
2	2.575	374	384	407	rVB	71011	124479	1.11%	0.124%
3	3.141	550	560	580	rVB	77127	159633	1.42%	0.160%
4	3.363	615	629	650	rVB2	66548	149005	1.33%	0.149%
5	3.697	721	733	751	rVB2	53998	115715	1.03%	0.116%
6	4.527	974	991	1017	rVB	434313	1065872	9.48%	1.066%
7	4.716	1017	1050	1093	rVB	53869	239660	2.13%	0.240%
8	5.086	1149	1165	1174	rBV2	85090	188633	1.68%	0.189%
9	5.141	1175	1182	1201	rVB2	50696	114769	1.02%	0.115%
10	5.408	1242	1265	1279	rBV3	757487	1969993	17.53%	1.970%
11	5.488	1279	1290	1314	rVB	248011	598078	5.32%	0.598%
12	5.623	1314	1332	1340	rBV	365526	795353	7.08%	0.795%
13	5.761	1359	1375	1379	rBV2	177006	368714	3.28%	0.369%
14	5.806	1379	1389	1401	rVV	1128076	2279315	20.28%	2.279%
15	5.877	1401	1411	1422	rVV	415998	869456	7.74%	0.869%
16	5.948	1422	1433	1443	rVV2	347595	733588	6.53%	0.734%
17	6.015	1443	1454	1471	rVB	360616	754902	6.72%	0.755%
18	6.279	1523	1536	1572	rVB	172100	364822	3.25%	0.365%
19	6.719	1661	1673	1676	rBV2	114293	185153	1.65%	0.185%
20	6.780	1677	1692	1714	rVB2	989517	2378402	21.16%	2.378%
21	6.996	1747	1759	1772	rVB	145831	261808	2.33%	0.262%
22	7.086	1772	1787	1801	rVB4	60647	139532	1.24%	0.140%
23	7.253	1829	1839	1857	rVB3	66919	168046	1.50%	0.168%
24	7.407	1867	1887	1904	rBV3	74998	206460	1.84%	0.206%
25	7.591	1925	1944	1963	rBV3	78454	211696	1.88%	0.212%
26	7.867	2015	2030	2035	rBV2	109275	194011	1.73%	0.194%
27	7.909	2036	2043	2056	rVB	219629	385167	3.43%	0.385%
28	8.051	2073	2087	2098	rBV	91605	186242	1.66%	0.186%
29	8.253	2139	2150	2171	rVB	233777	422587	3.76%	0.423%
30	8.378	2172	2189	2200	rBV3	92194	171987	1.53%	0.172%
31	8.652	2257	2274	2292	rBV	325730	642708	5.72%	0.643%
32	8.816	2312	2325	2334	rBV4	72129	140086	1.25%	0.140%
33	8.870	2334	2342	2352	rVB	86001	137665	1.22%	0.138%
34	9.423	2503	2514	2532	rBV	232646	406896	3.62%	0.407%
35	9.513	2533	2542	2550	rVV2	78813	135128	1.20%	0.135%
36	9.575	2550	2561	2585	rVV	4661588	7368062	65.56%	7.367%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

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\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

37	9.700	2586	2600	2628	rVB	5136129	8299223	73.84%	8.298%
38	10.488	2824	2845	2878	rBV	5794763	8907744	79.26%	8.907%
39	10.761	2919	2930	2940	rBV	96089	148712	1.32%	0.149%
40	10.909	2961	2976	2998	rBV	7284432	11238785	100.00%	11.238%
41	11.025	2998	3012	3023	rVV	474338	723461	6.44%	0.723%
42	11.089	3023	3032	3042	rVB	99305	149424	1.33%	0.149%
43	11.292	3084	3095	3114	rVB	965756	1482308	13.19%	1.482%
44	11.468	3140	3150	3164	rVB	478640	724996	6.45%	0.725%
45	11.558	3166	3178	3187	rVV	325210	501159	4.46%	0.501%
46	11.610	3187	3194	3199	rVV	179829	274788	2.44%	0.275%
47	11.642	3199	3204	3220	rVB	221722	339073	3.02%	0.339%
48	11.812	3244	3257	3269	rVB2	272971	475168	4.23%	0.475%
49	11.896	3269	3283	3295	rBV	3022879	4539471	40.39%	4.539%
50	12.012	3309	3319	3329	rVB2	72978	117631	1.05%	0.118%
51	12.095	3329	3345	3361	rVV2	3684138	5725604	50.95%	5.725%
52	12.189	3361	3374	3394	rVV4	566703	1368335	12.18%	1.368%
53	12.301	3398	3409	3422	rVV2	189755	299830	2.67%	0.300%
54	12.378	3422	3433	3443	rVB	160435	245772	2.19%	0.246%
55	12.465	3448	3460	3478	rBV	121710	227143	2.02%	0.227%
56	12.571	3478	3493	3502	rBV	3034162	4508521	40.12%	4.508%
57	12.613	3502	3506	3517	rVV	270298	370466	3.30%	0.370%
58	12.684	3517	3528	3546	rVB2	850759	1688493	15.02%	1.688%
59	12.877	3576	3588	3599	rVB	469991	757604	6.74%	0.758%
60	12.973	3599	3618	3627	rVV	2551552	3960739	35.24%	3.960%
61	13.025	3627	3634	3648	rVB	666674	1011674	9.00%	1.012%
62	13.105	3648	3659	3672	rBV2	85294	138297	1.23%	0.138%
63	13.201	3679	3689	3700	rBV3	57024	133244	1.19%	0.133%
64	13.291	3701	3717	3743	rVB	1042784	1659505	14.77%	1.659%
65	13.452	3744	3767	3783	rBV3	3332611	6052584	53.85%	6.052%
66	13.558	3793	3800	3811	rVV	131555	185838	1.65%	0.186%
67	13.626	3812	3821	3836	rVB2	208281	340706	3.03%	0.341%
68	13.832	3876	3885	3902	rVB3	258224	470709	4.19%	0.471%
69	13.963	3914	3926	3942	rVB2	221452	427890	3.81%	0.428%
70	14.086	3942	3964	3986	rBV	4520125	7062164	62.84%	7.061%
71	14.291	4012	4028	4038	rBV4	88777	180959	1.61%	0.181%
72	14.484	4077	4088	4103	rVB	74990	115916	1.03%	0.116%
73	14.668	4135	4145	4160	rBV3	56870	115870	1.03%	0.116%
74	14.806	4178	4188	4200	rBV	94770	146148	1.30%	0.146%

Sum of corrected areas: 100010257

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

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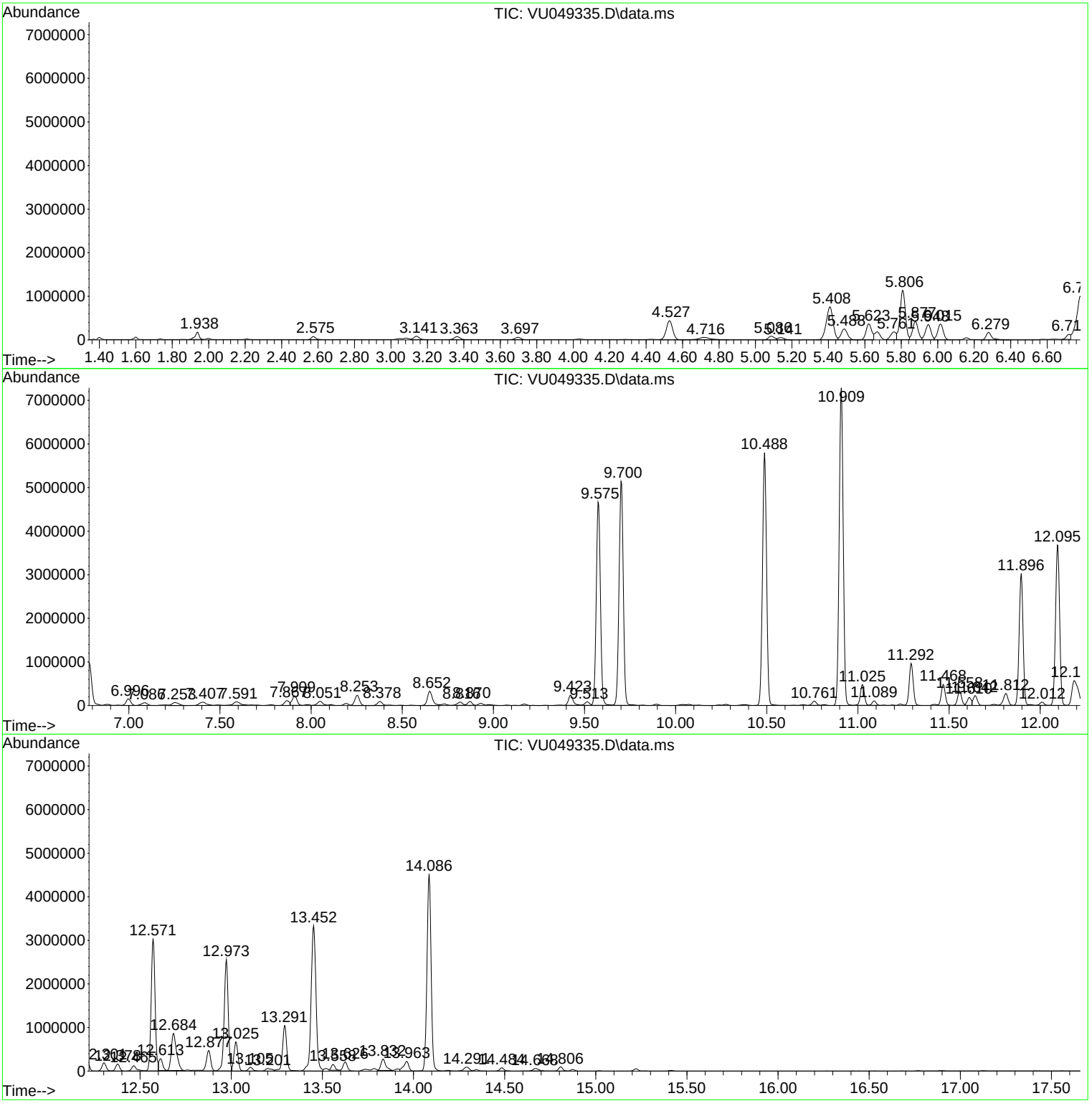
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.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\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

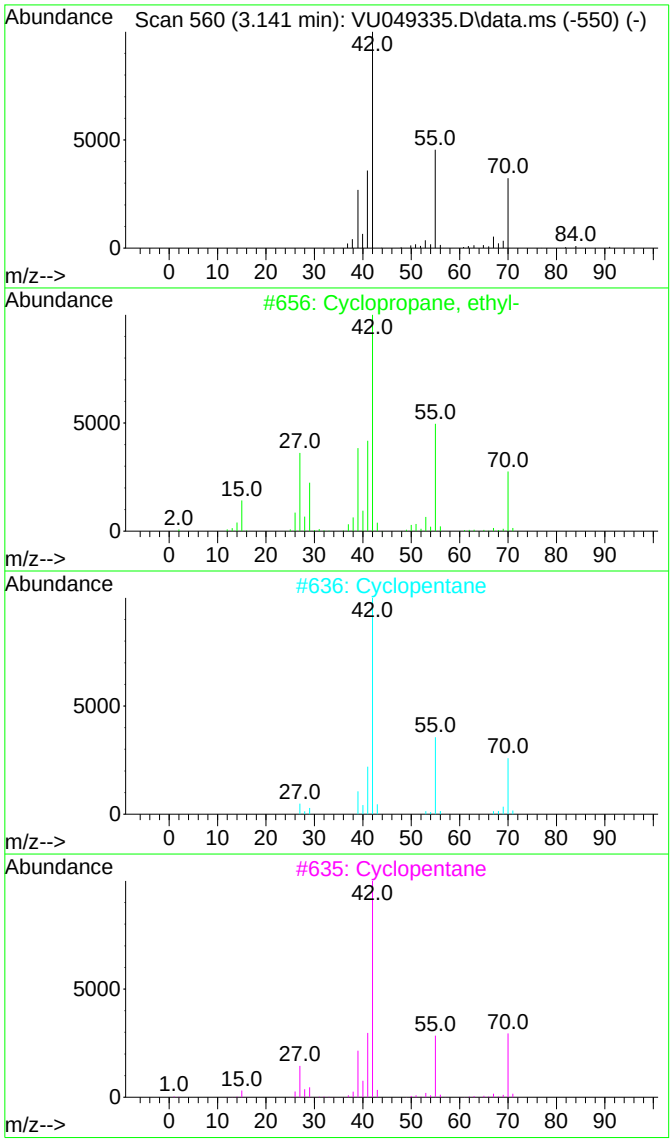
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

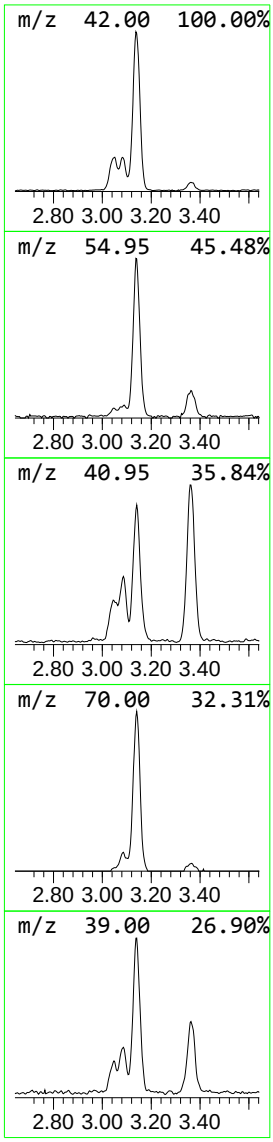
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.141 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.141	2.19 ug/L	159633	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
2	Cyclopentane	70	C5H10	000287-92-3	72
3	Cyclopentane	70	C5H10	000287-92-3	72
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

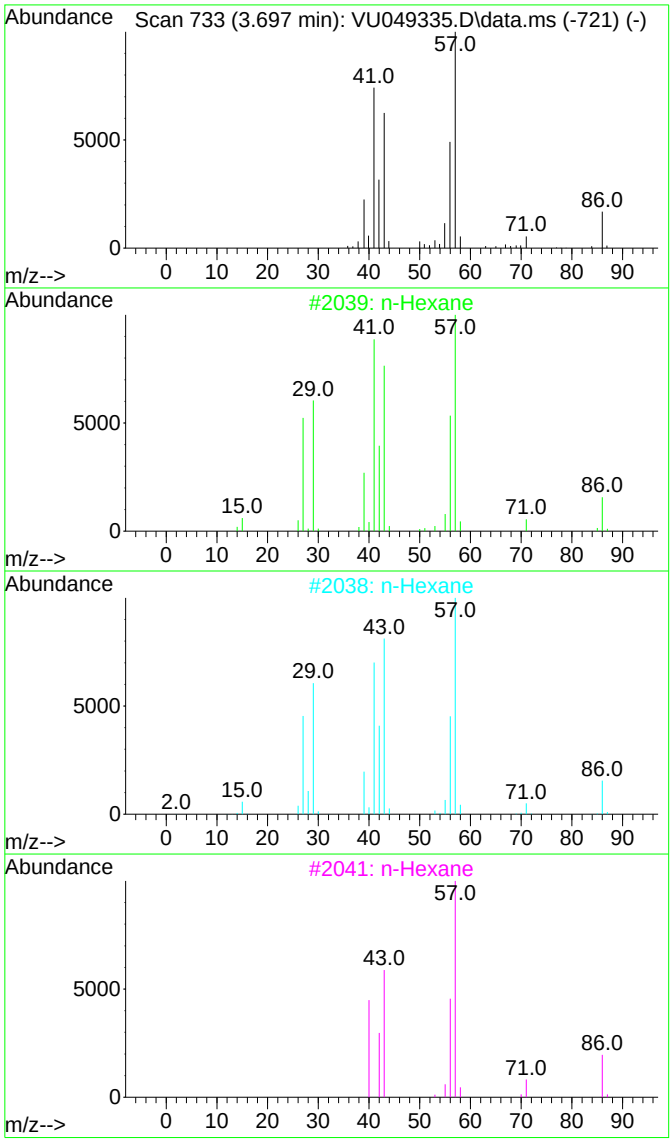
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

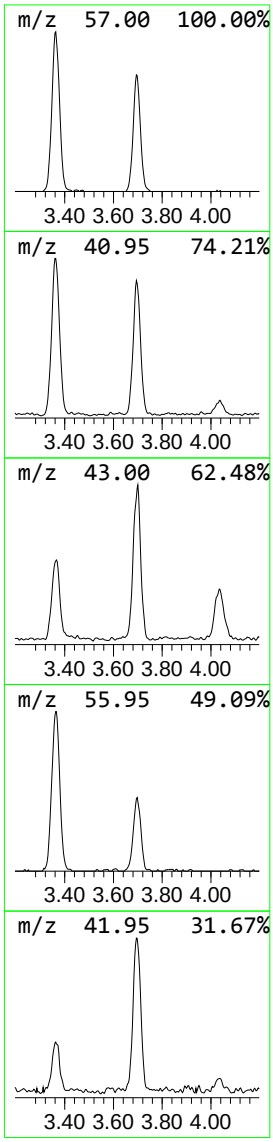
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	1.59 ug/L	115715	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	72
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
5	n-Hexane	86	C6H14	000110-54-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

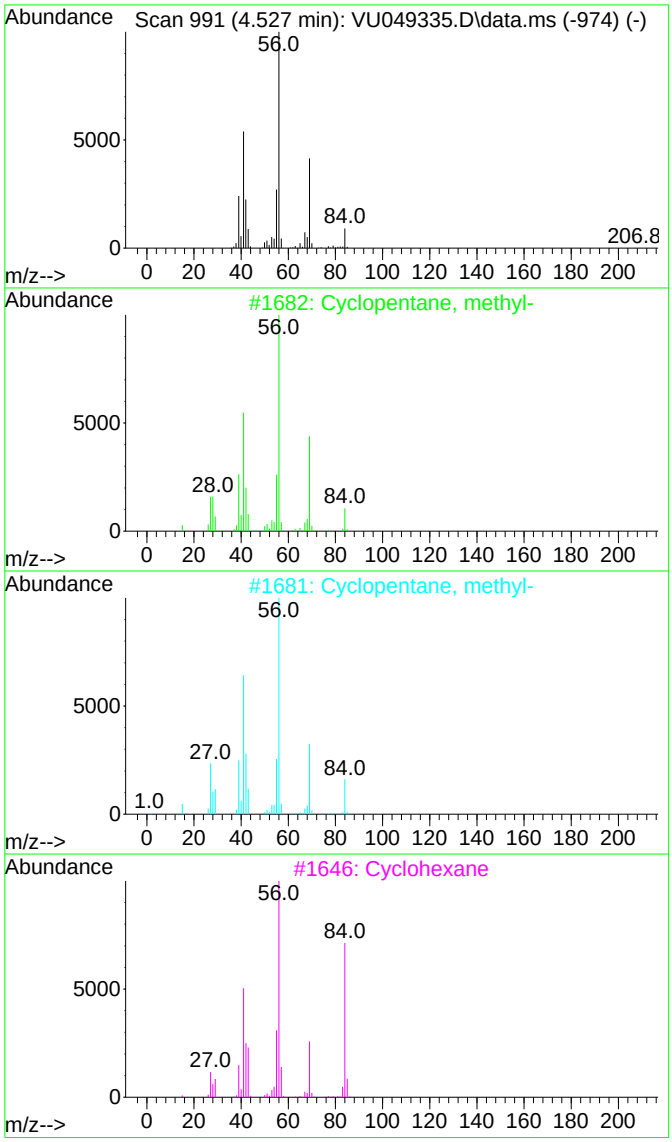
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

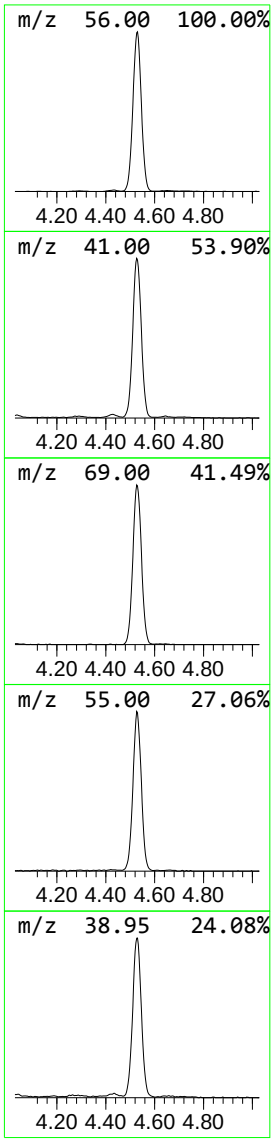
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.527 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.527	14.61 ug/L	1065870	1,4-Difluorobenzene	6.279

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	90
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

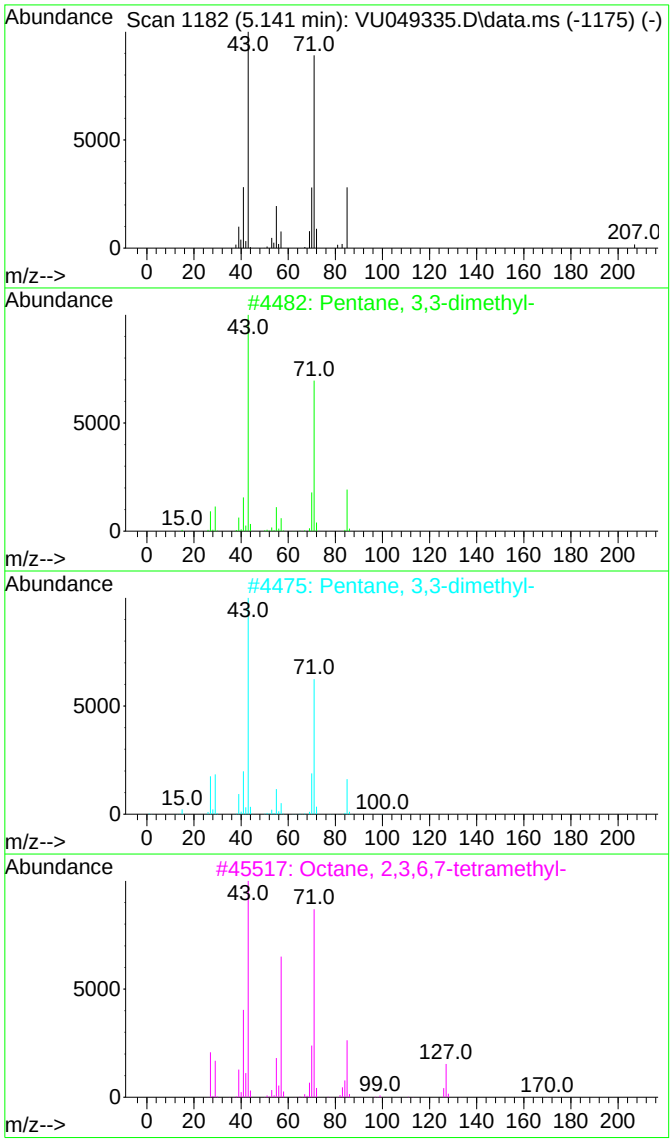
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

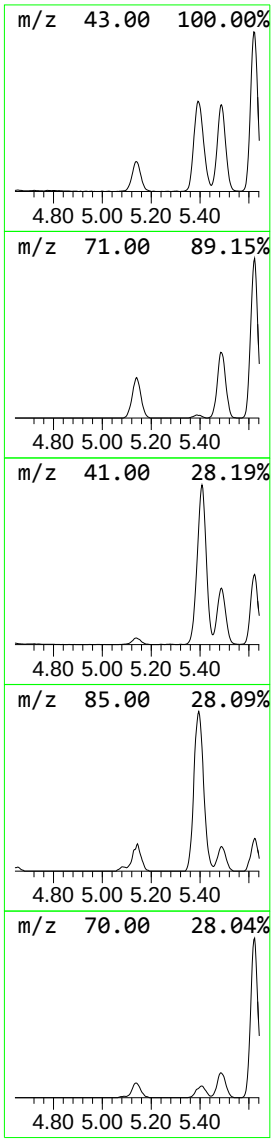
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.141	1.57 ug/L	114769	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	74
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	74
3	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	64
4	Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	56
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

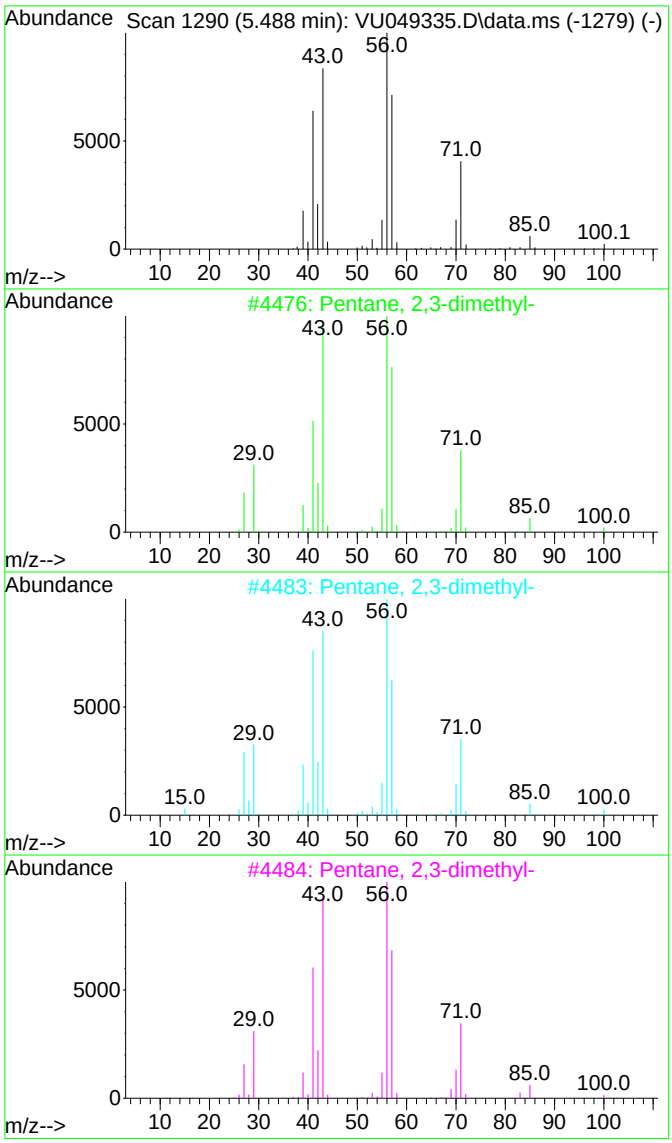
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

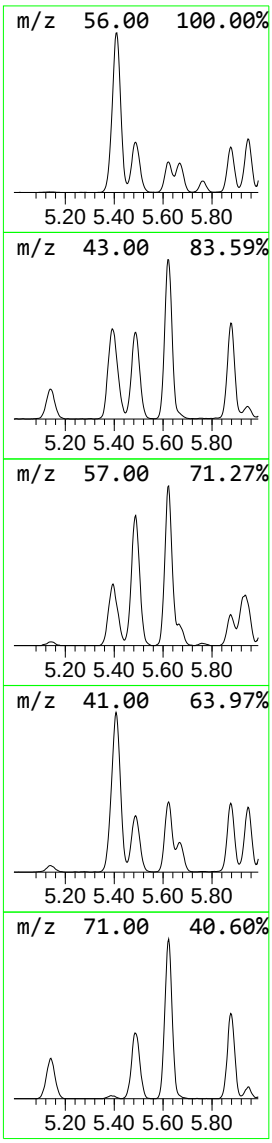
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.488	8.20 ug/L	598078	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	43





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

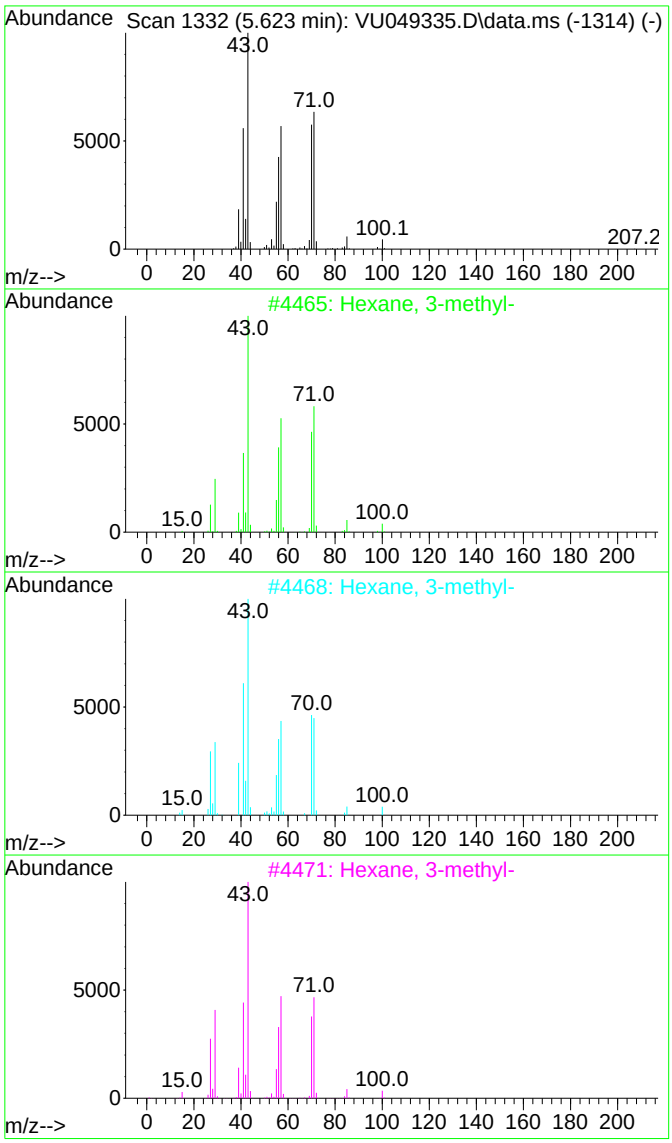
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

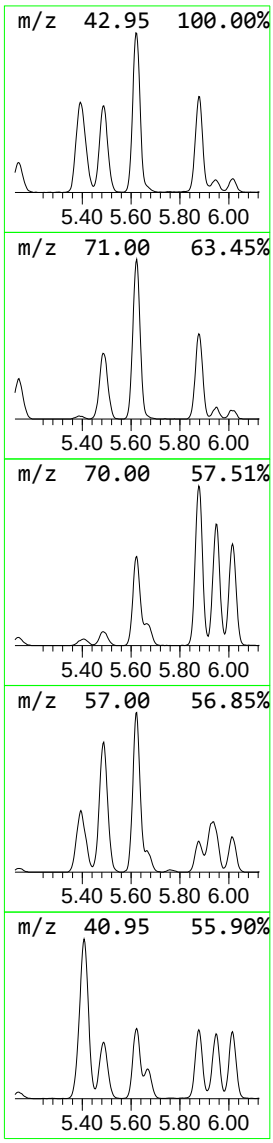
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.623	10.90 ug/L	795353	1,4-Difluorobenzene	6.279

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

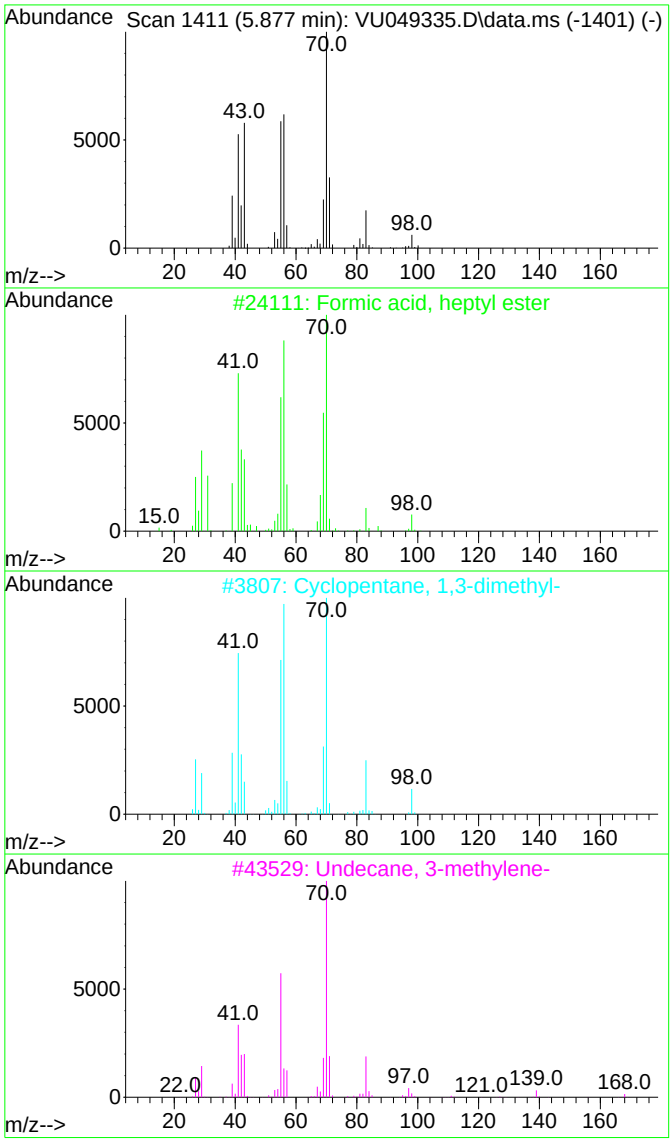
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

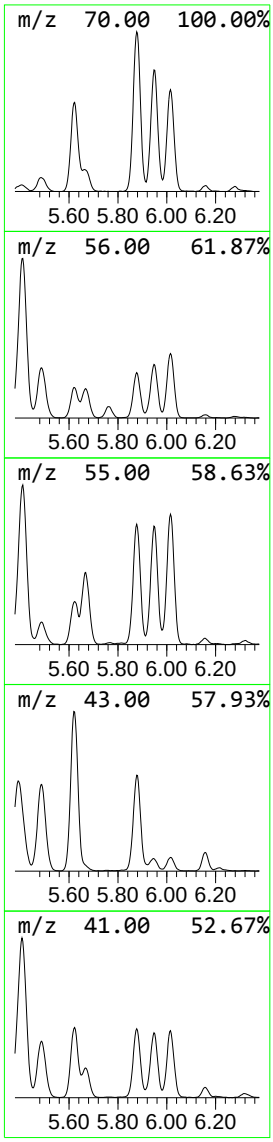
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Formic acid, heptyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.877	11.92 ug/L	869456	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	64
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
3	Undecane, 3-methylene-	168	C12H24	071138-64-2	59
4	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	59
5	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

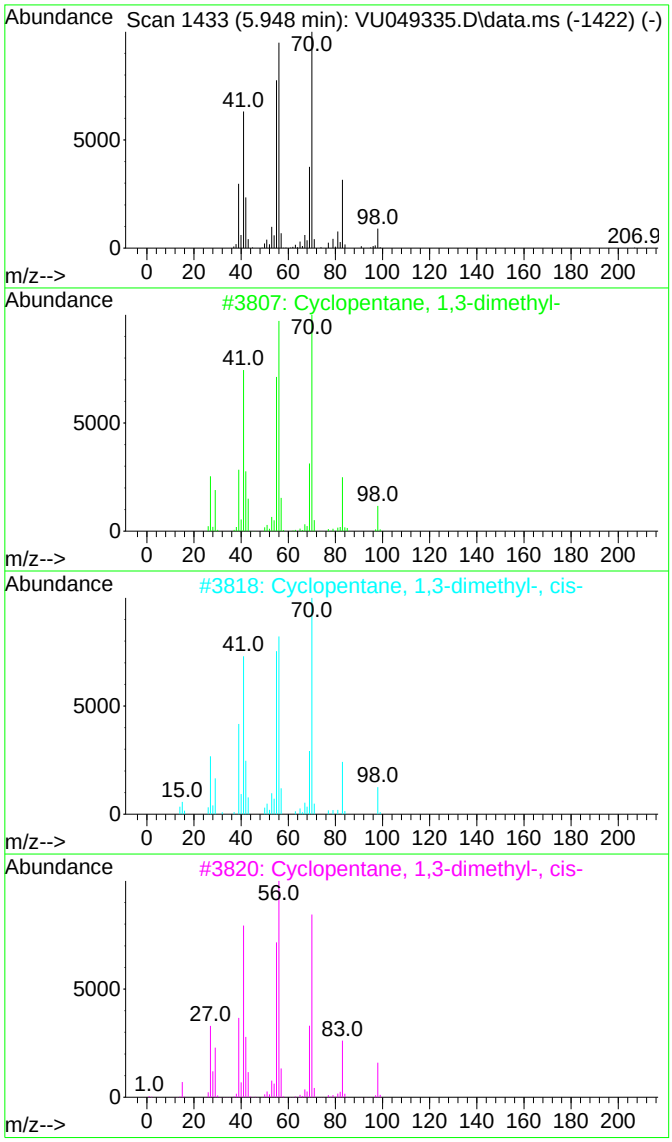
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

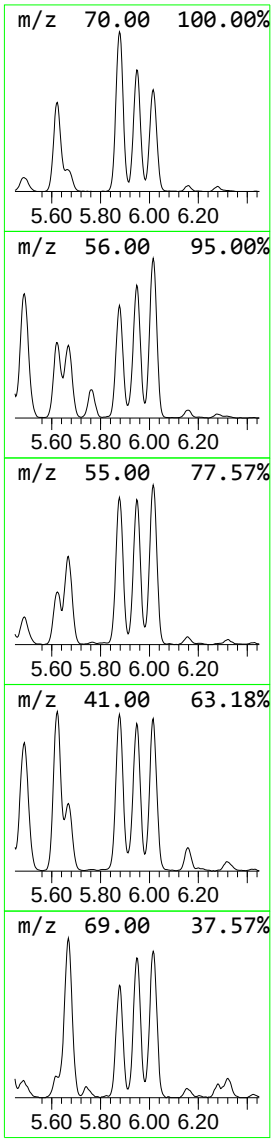
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic5.948 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.948	10.05 ug/L	733588	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

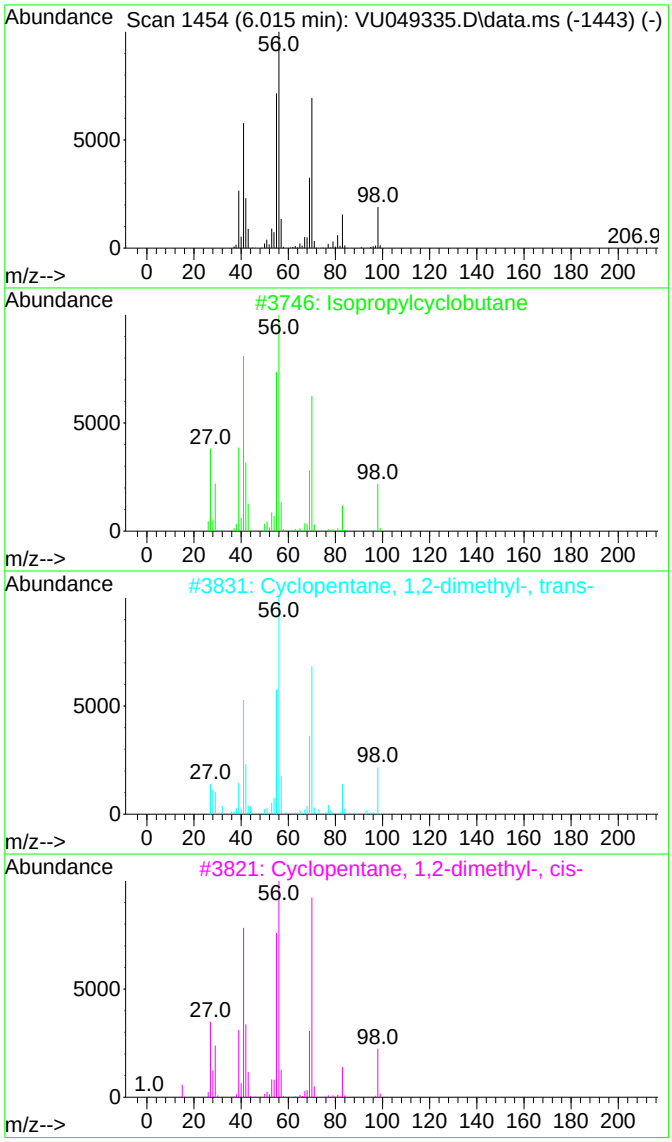
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

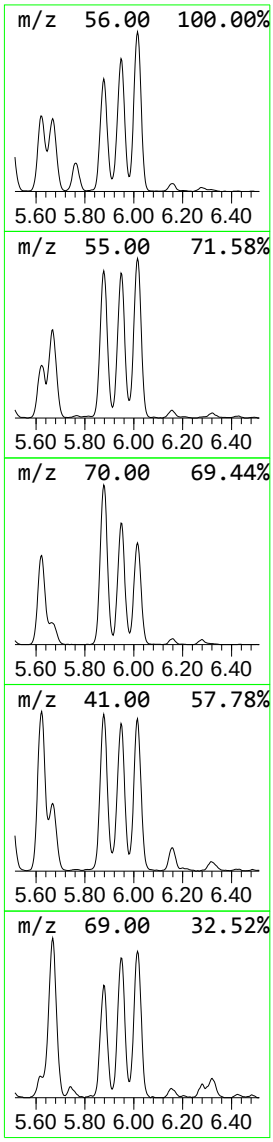
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic6.015 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.015	10.35 ug/L	754902	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

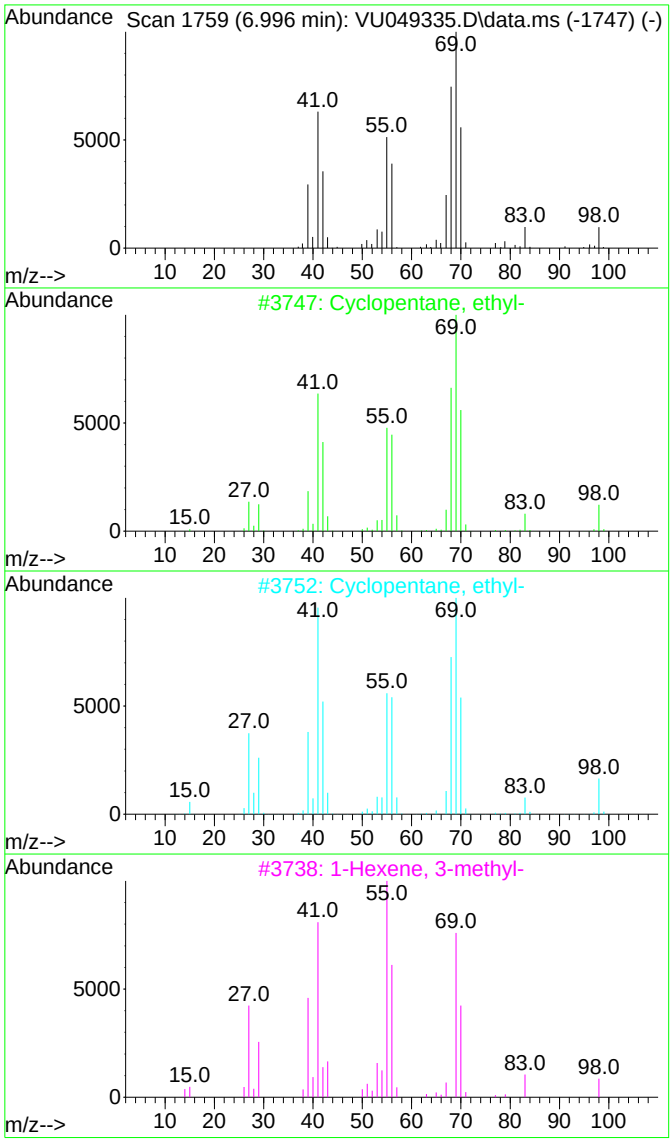
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

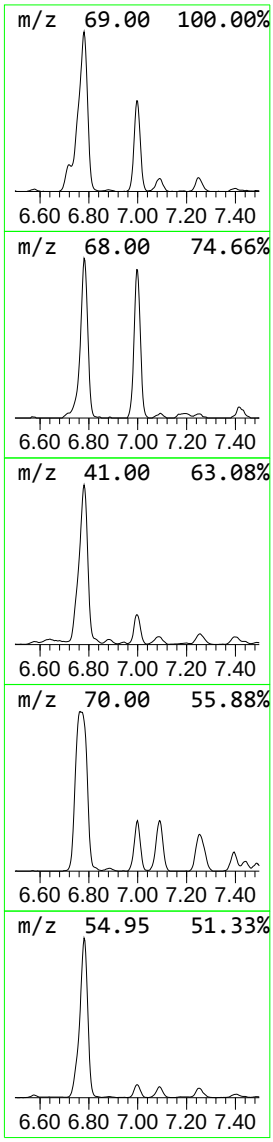
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic6.996 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	3.59 ug/L	261808	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	72
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

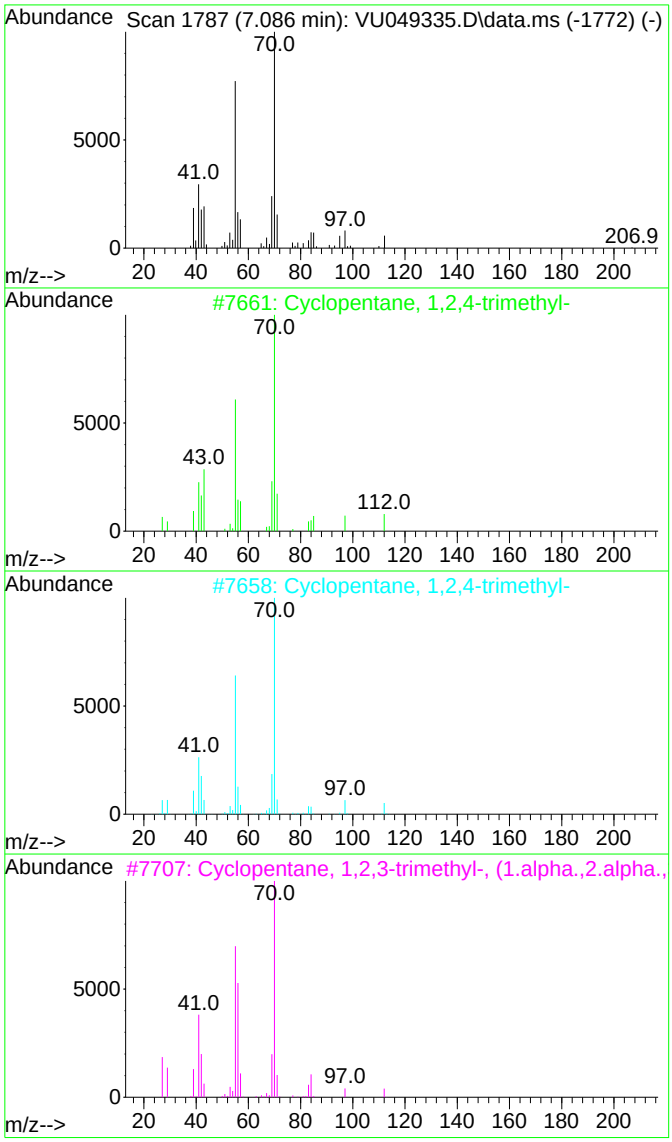
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

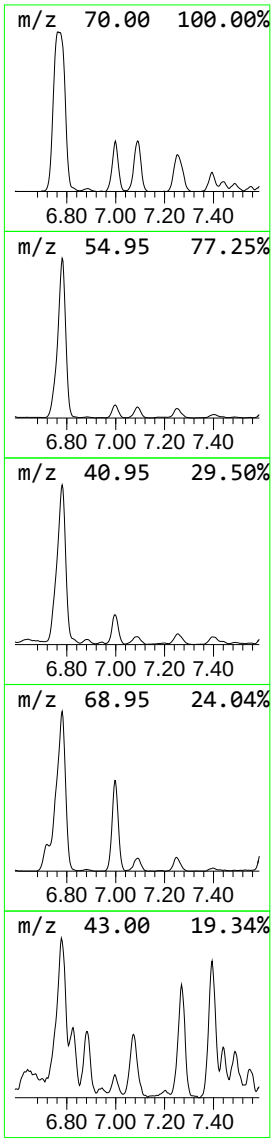
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic7.086 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.086	1.91 ug/L	139532	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

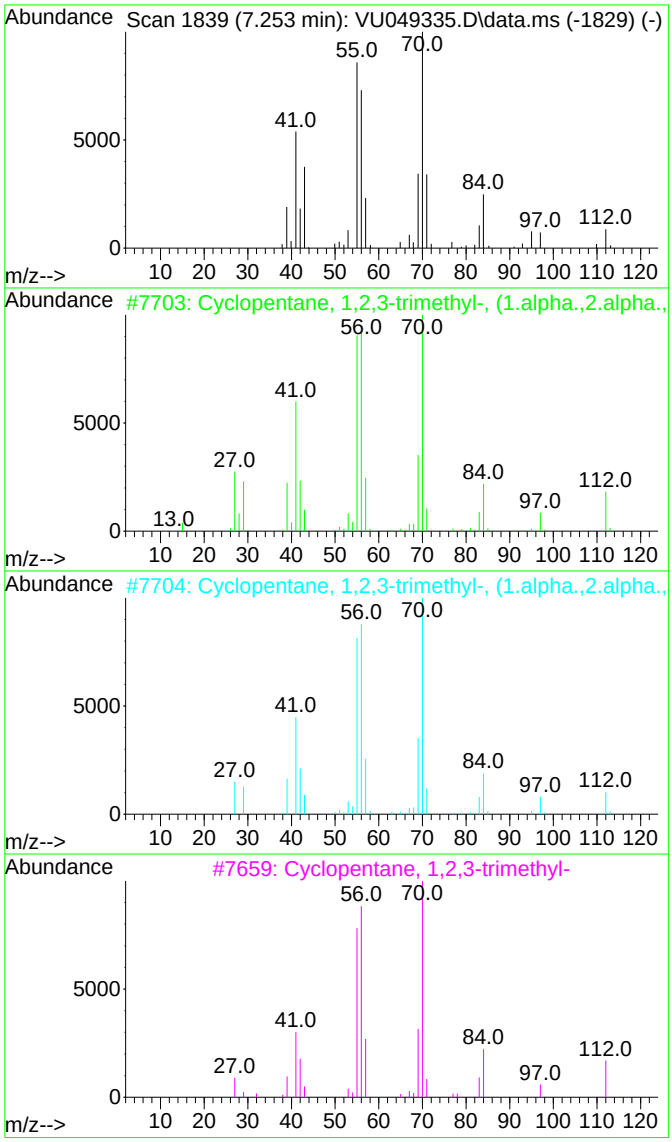
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

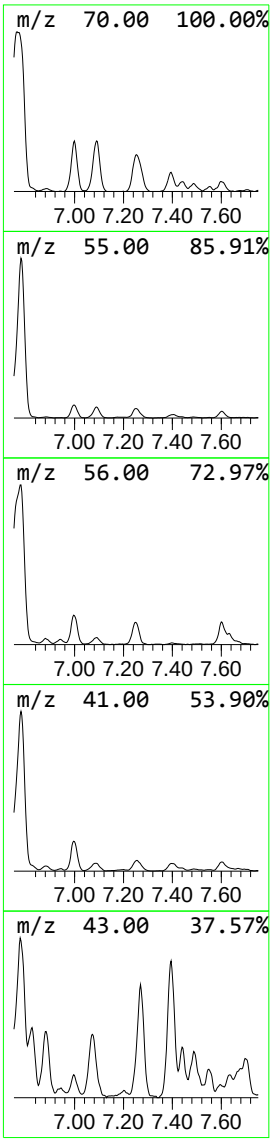
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic7.253 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.253	2.30 ug/L	168046	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

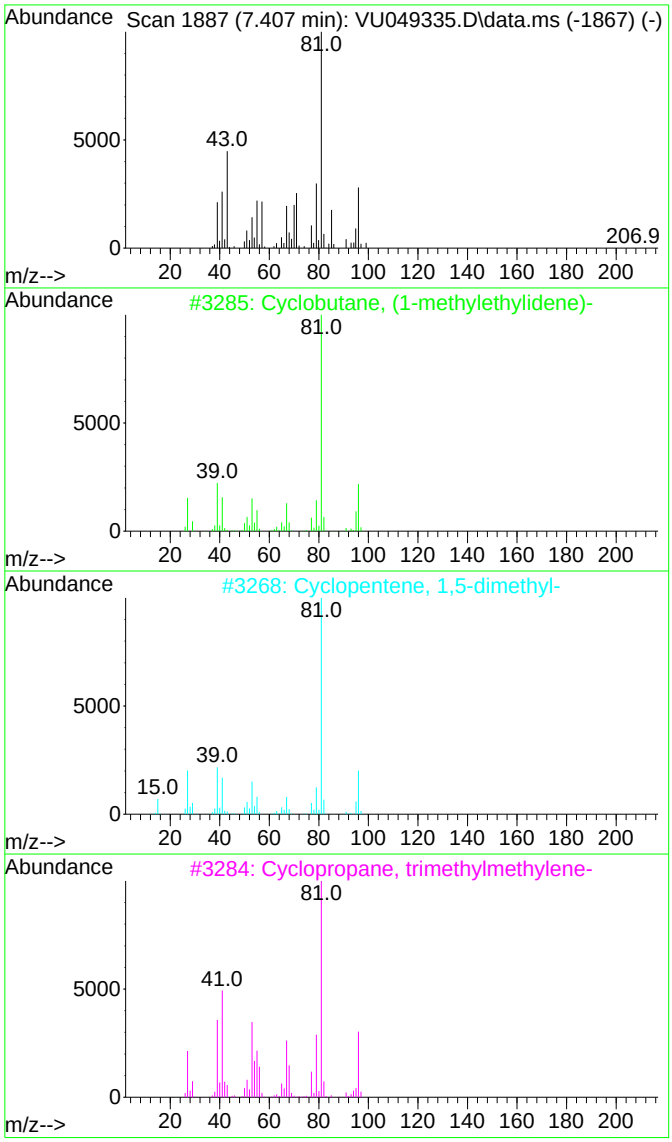
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

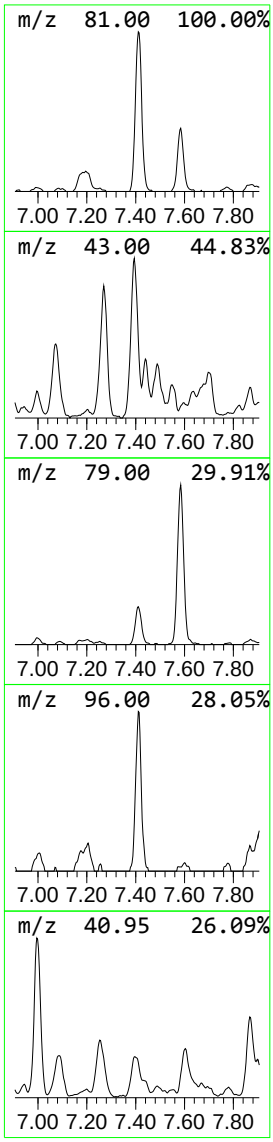
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclobutane, (1-methylethyl... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.407	2.83 ug/L	206460	1,4-Difluorobenzene	6.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	64
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	64
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	58
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	53
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

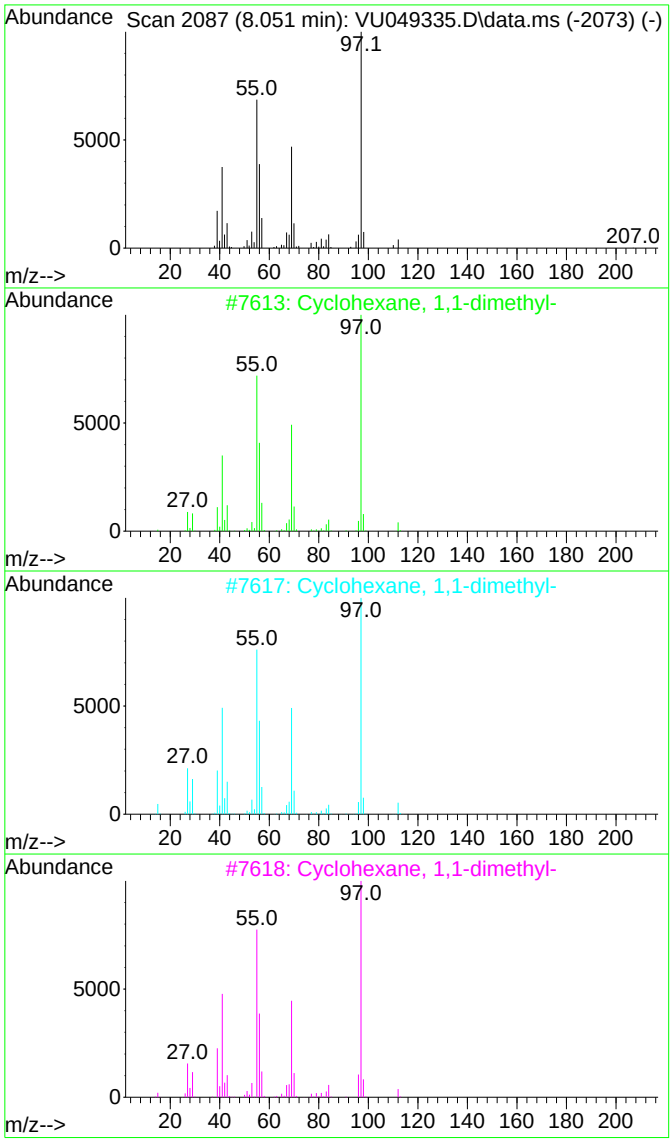
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

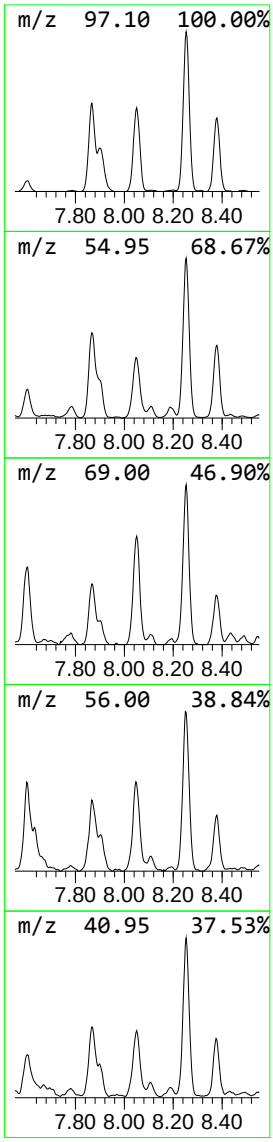
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic8.051 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	2.29 ug/L	186242	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	97
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	95
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	91
4	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	72
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

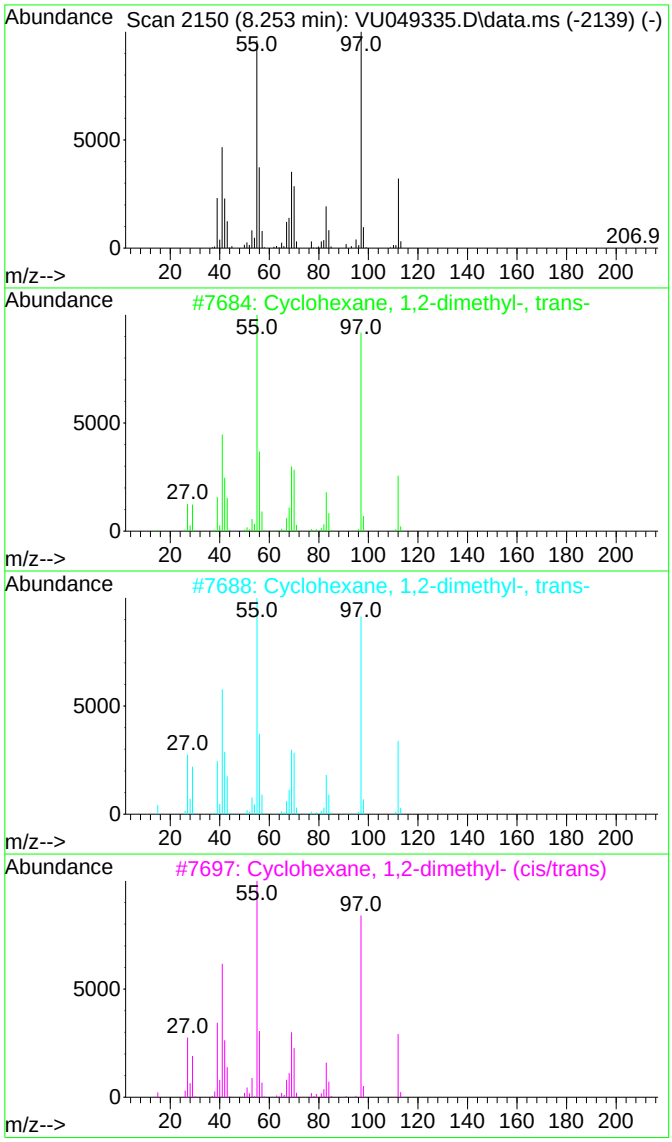
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

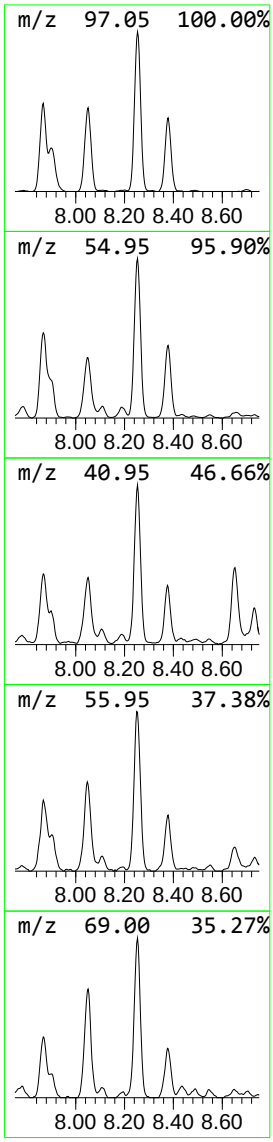
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic8.253 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.253	5.19 ug/L	422587	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	96
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

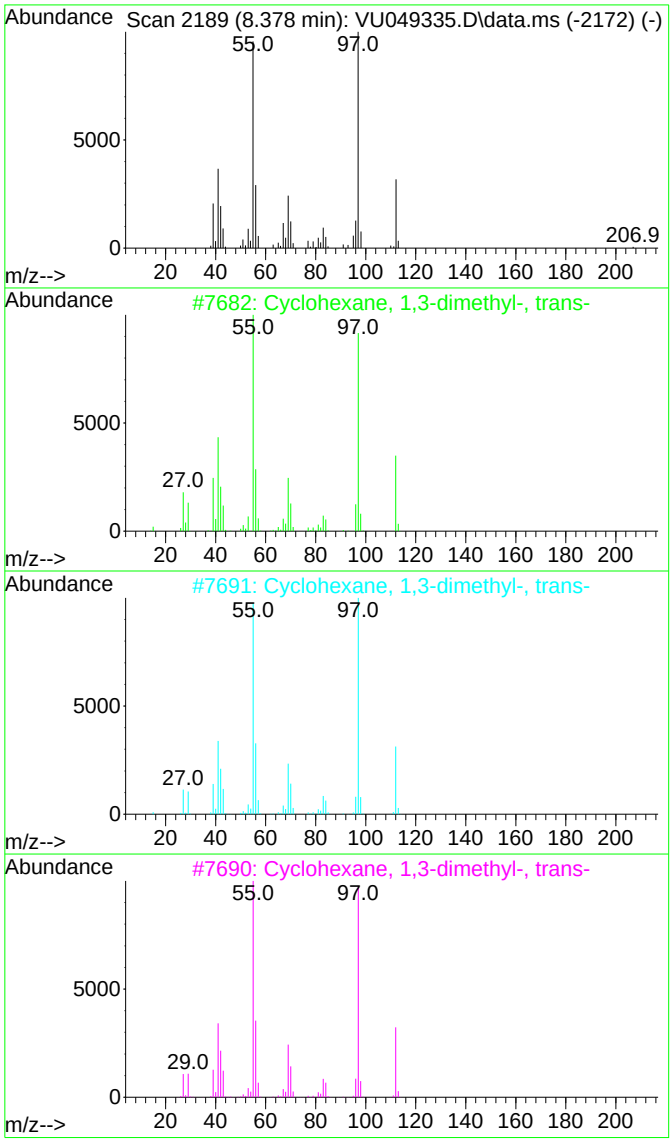
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

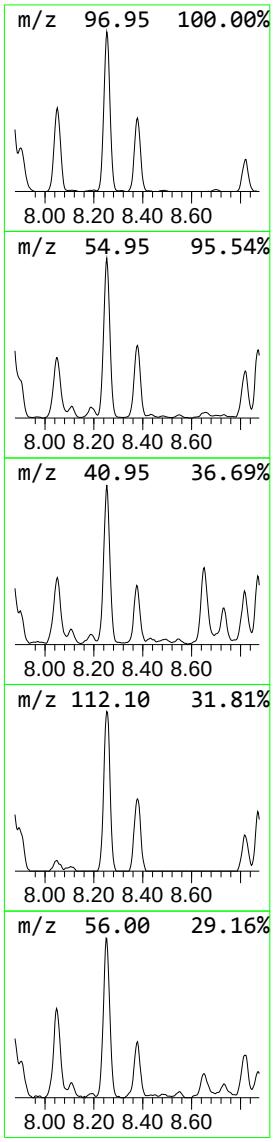
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic8.378 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.378	2.11 ug/L	171987	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

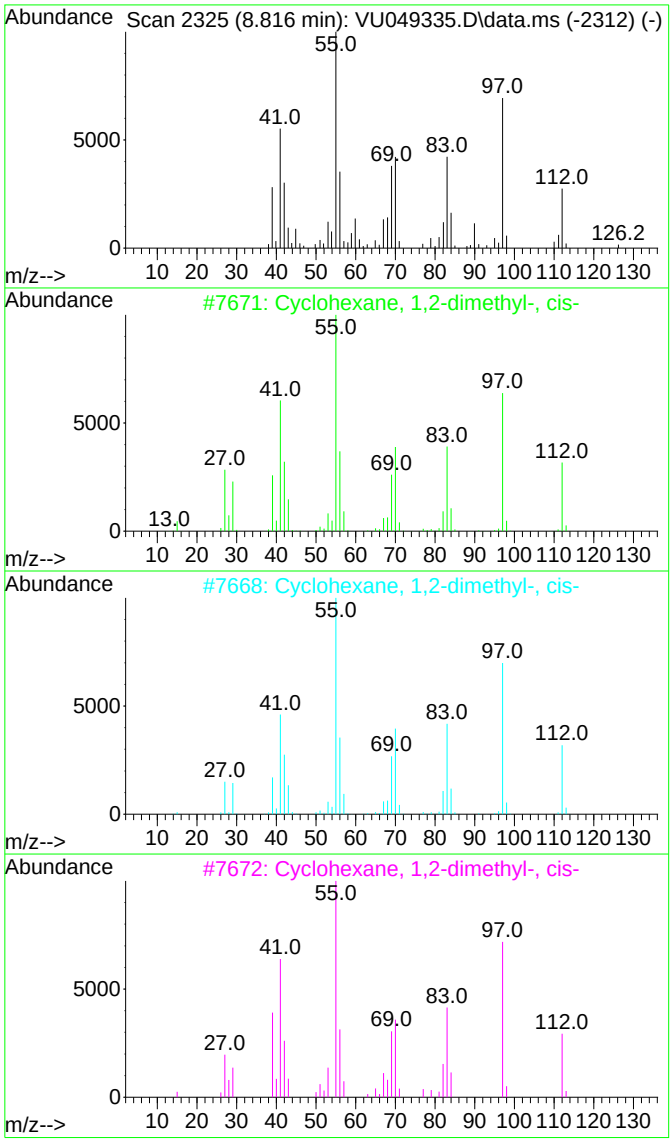
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

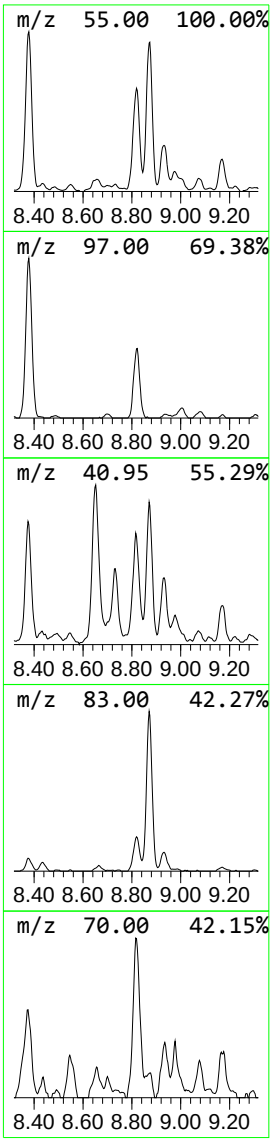
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic8.816 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.816	1.72 ug/L	140086	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	93
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	93
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

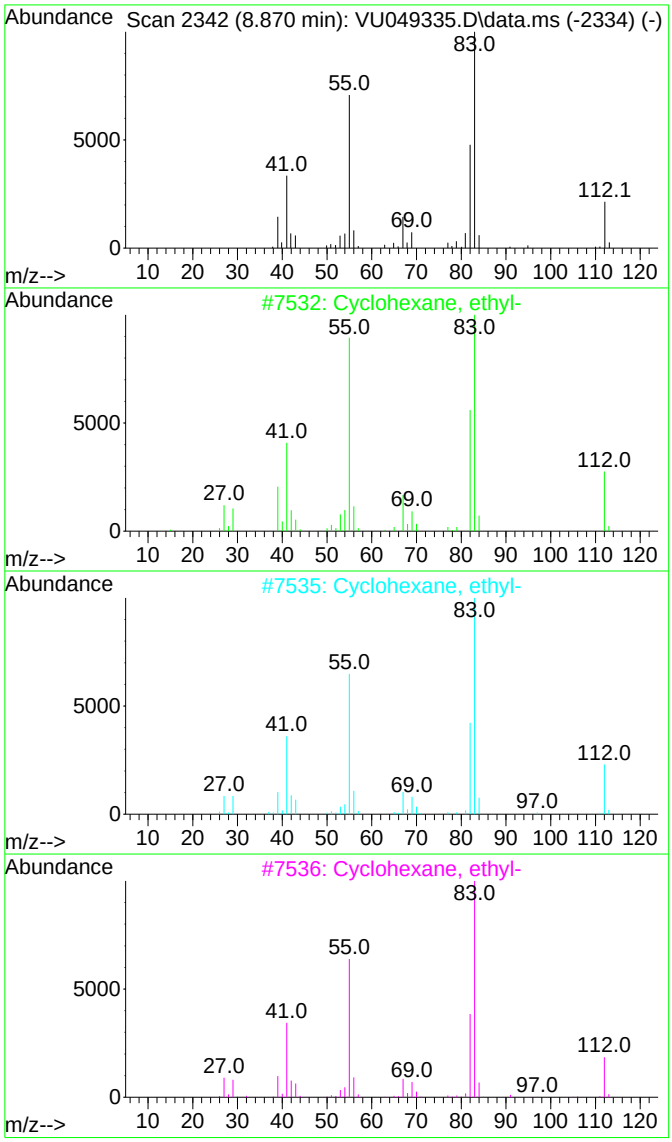
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

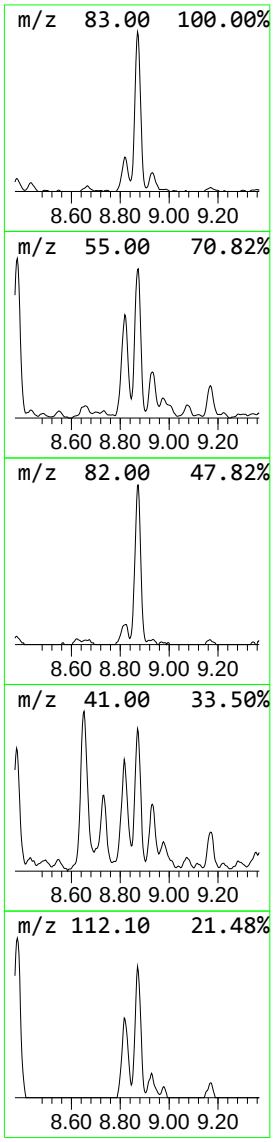
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic8.870 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.870	1.69 ug/L	137665	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	95
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

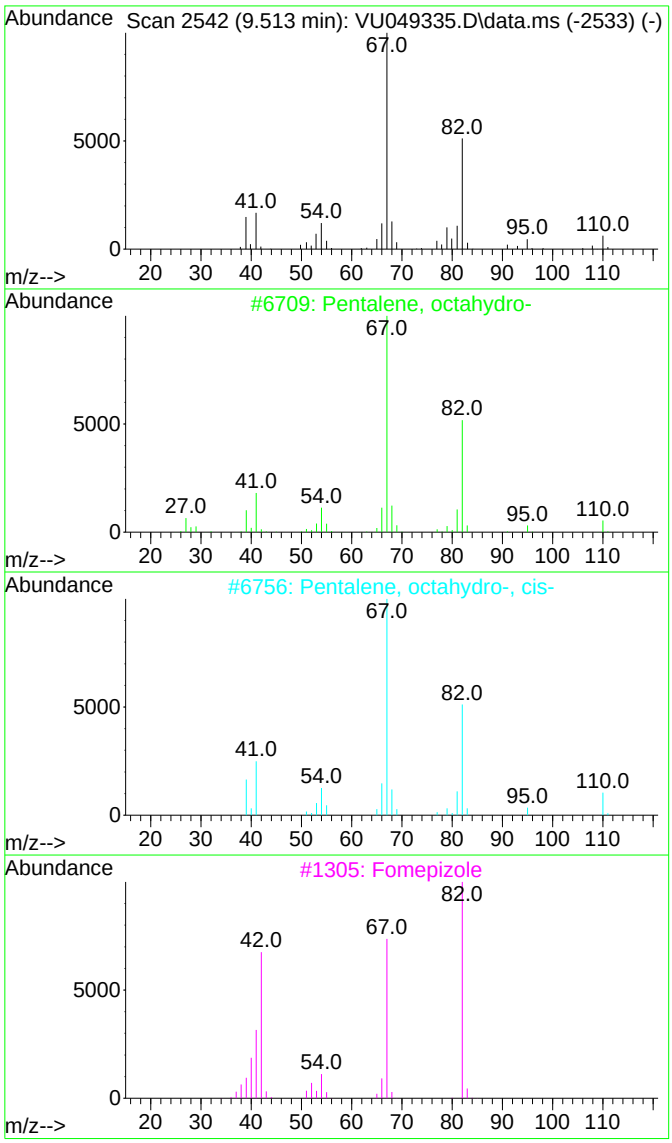
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

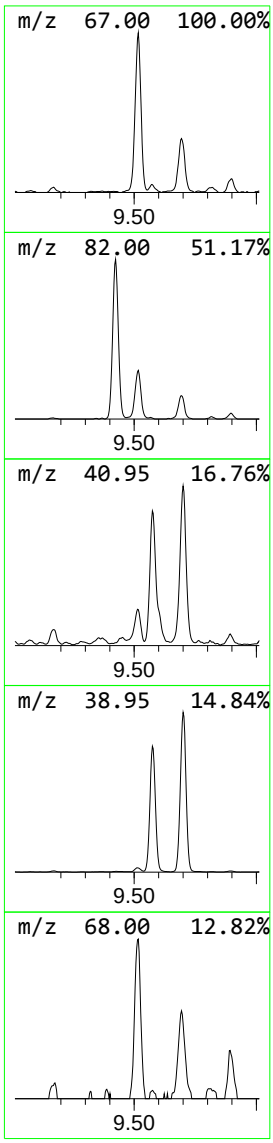
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pentalene, octahydro- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	1.66 ug/L	135128	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	90
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
3	Fomepizole	82	C4H6N2	007554-65-6	64
4	4-Hexen-1-ol, acetate	142	C8H14O2	072237-36-6	64
5	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	64





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

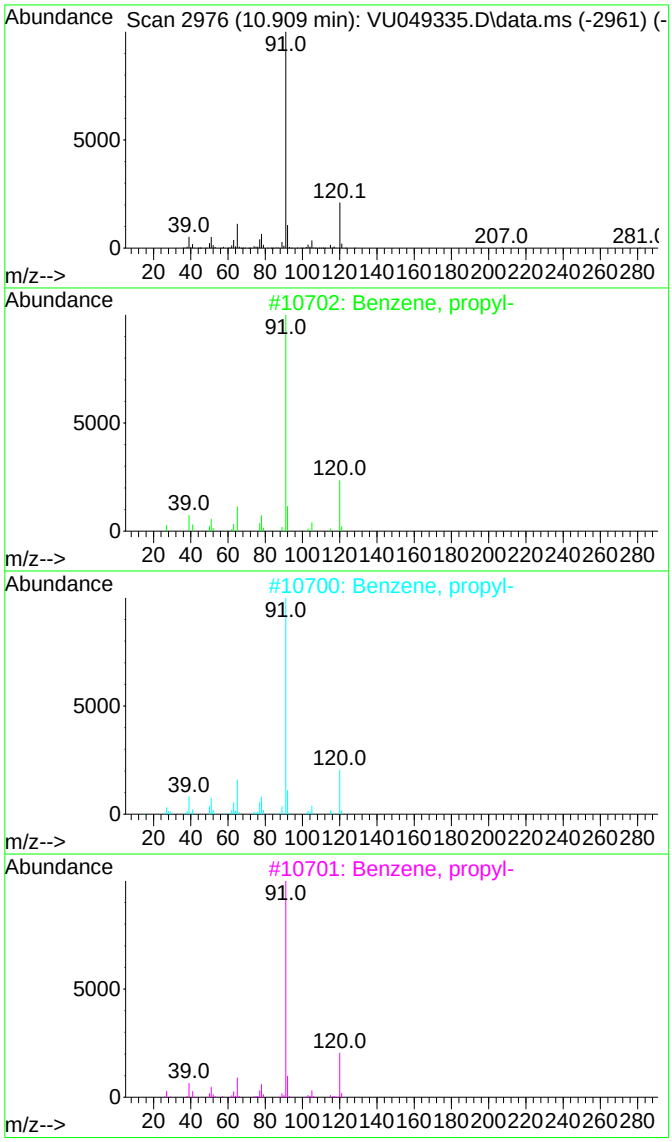
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

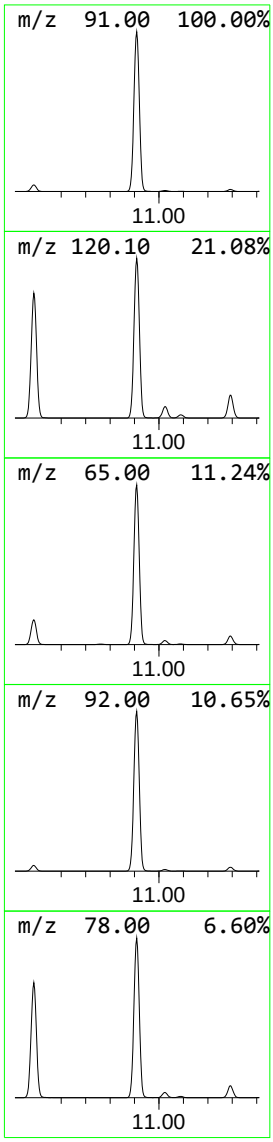
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.909	118.26 ug/L	11238800	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	86
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

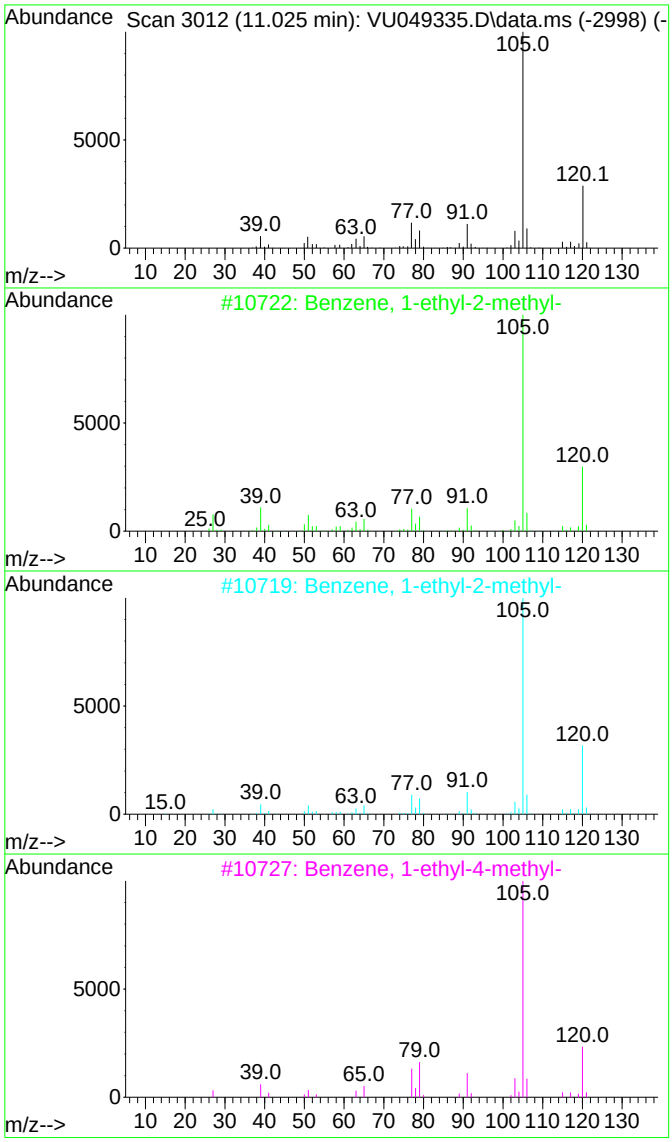
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

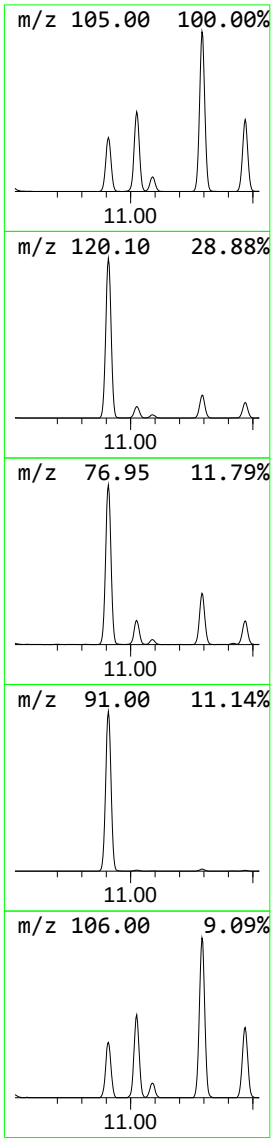
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.025	7.61 ug/L	723461	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

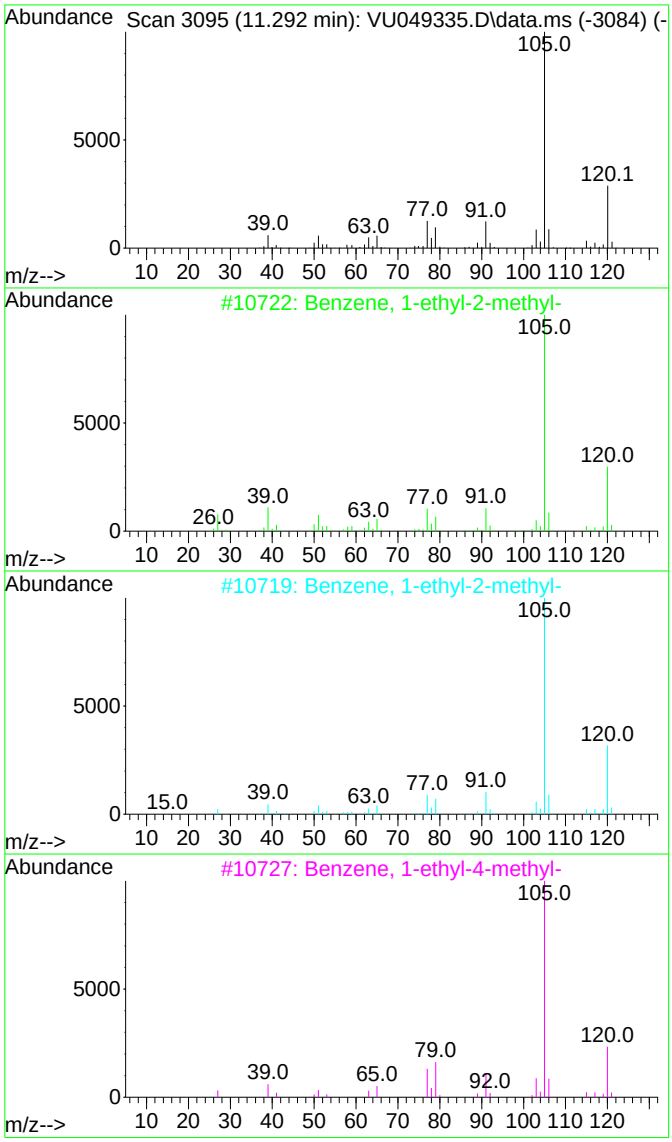
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

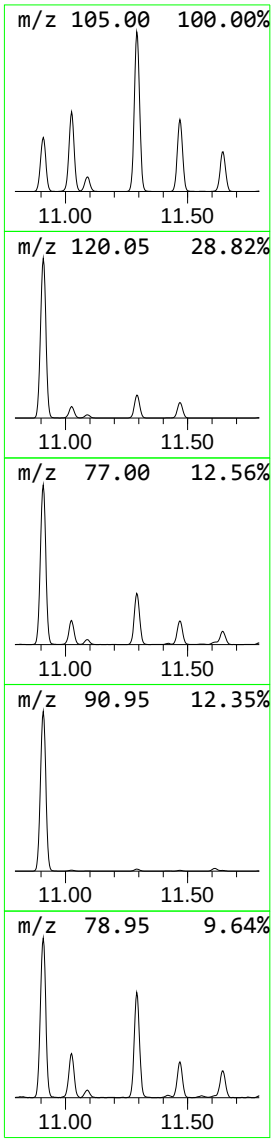
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	15.60 ug/L	1482310	1,4-Dichlorobenzene-d4	11.812

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	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

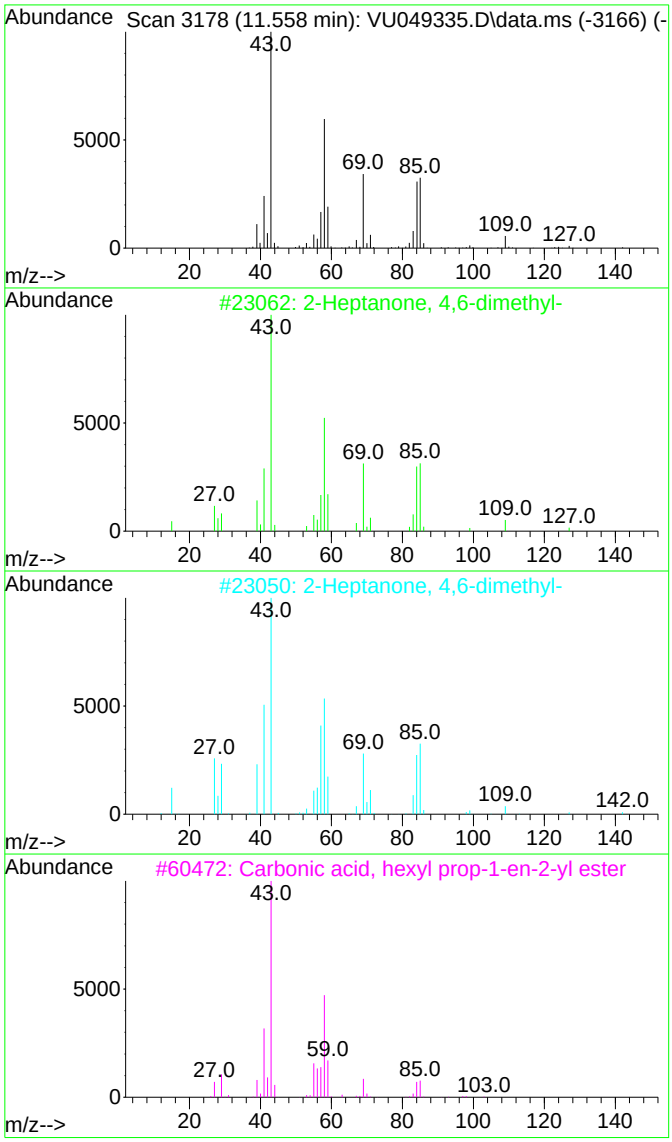
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

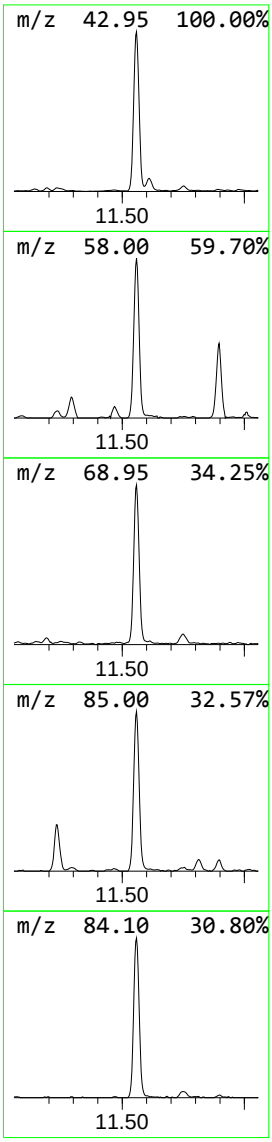
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2-Heptanone, 4,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.558	5.27 ug/L	501159	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
3	Carbonic acid, hexyl prop-1-en-2...	186	C10H18O3	1000382-54-2	64
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

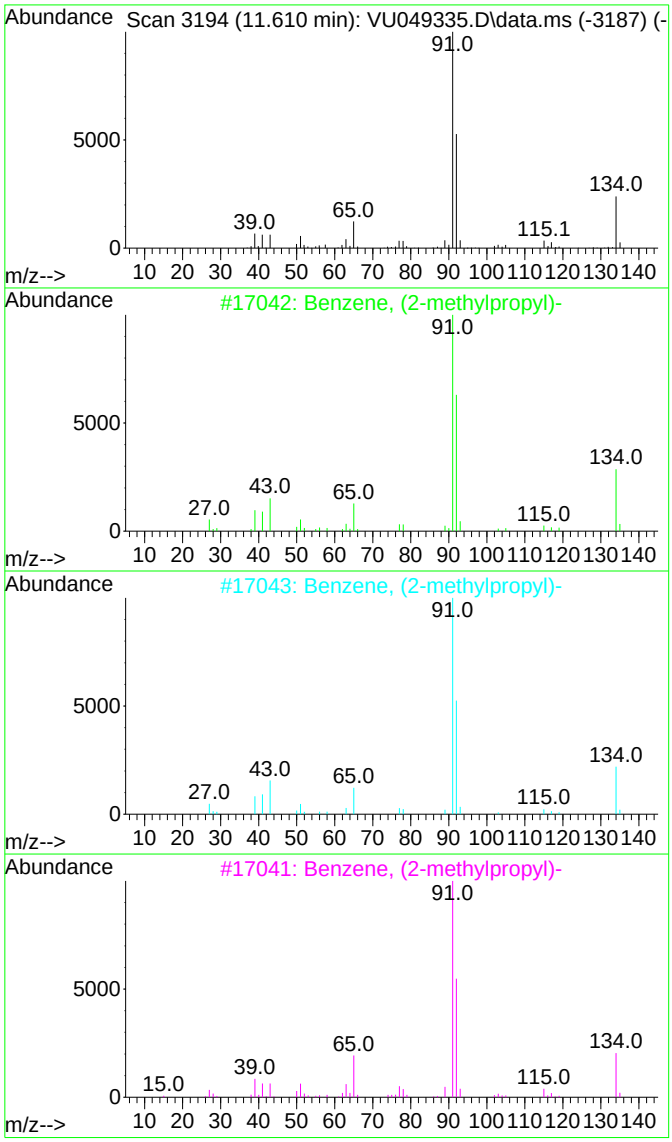
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

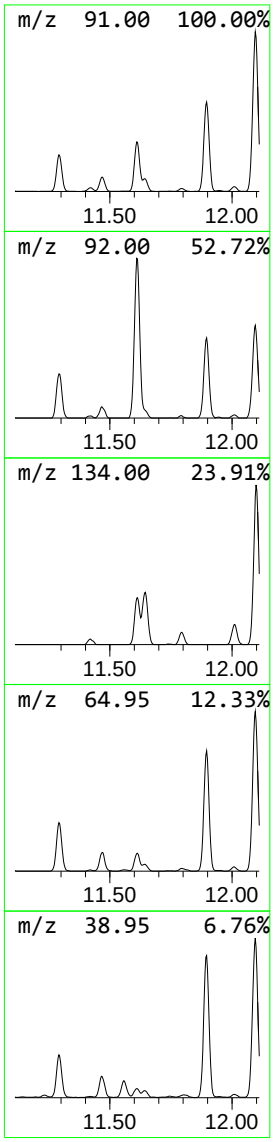
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (2-methylpropyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	2.89 ug/L	274788	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, n-butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

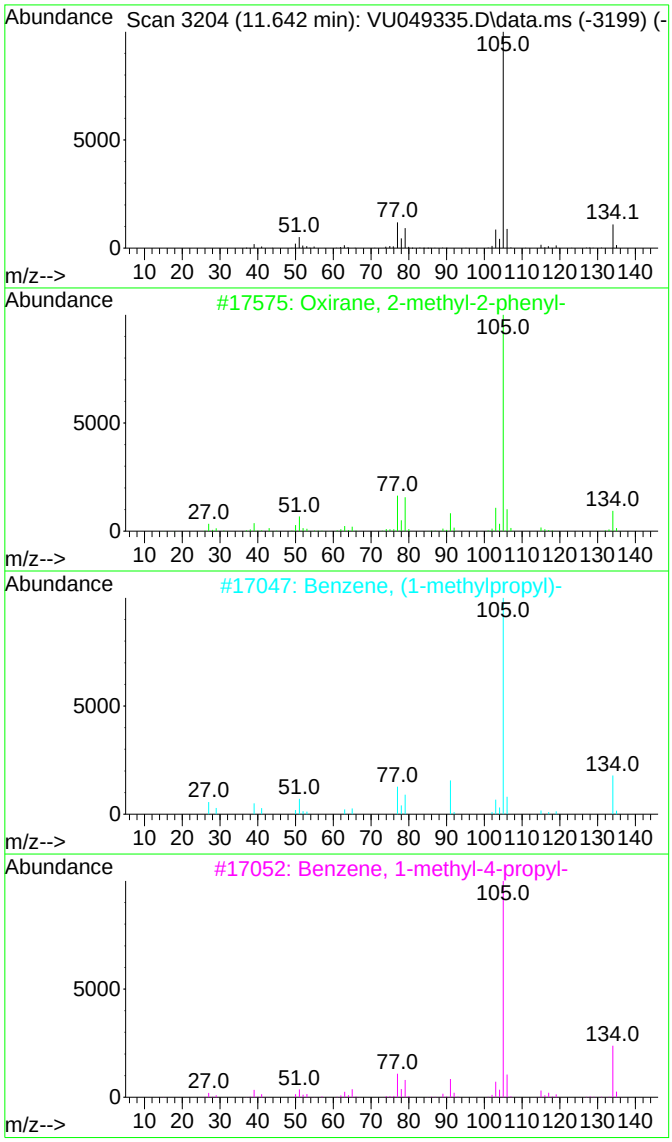
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

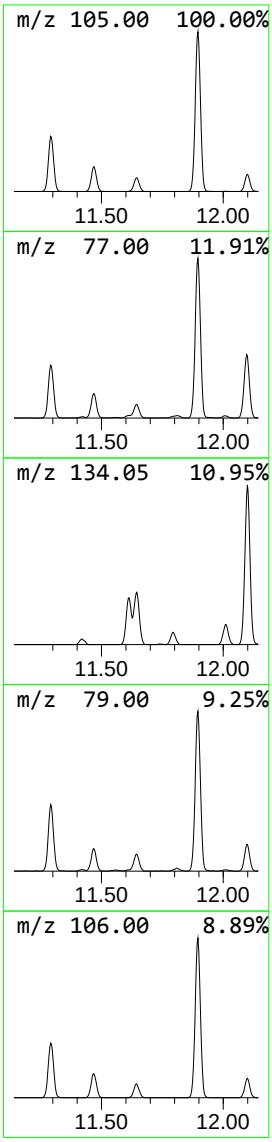
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Oxirane, 2-methyl-2-phenyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	3.57 ug/L	339073	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	86





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

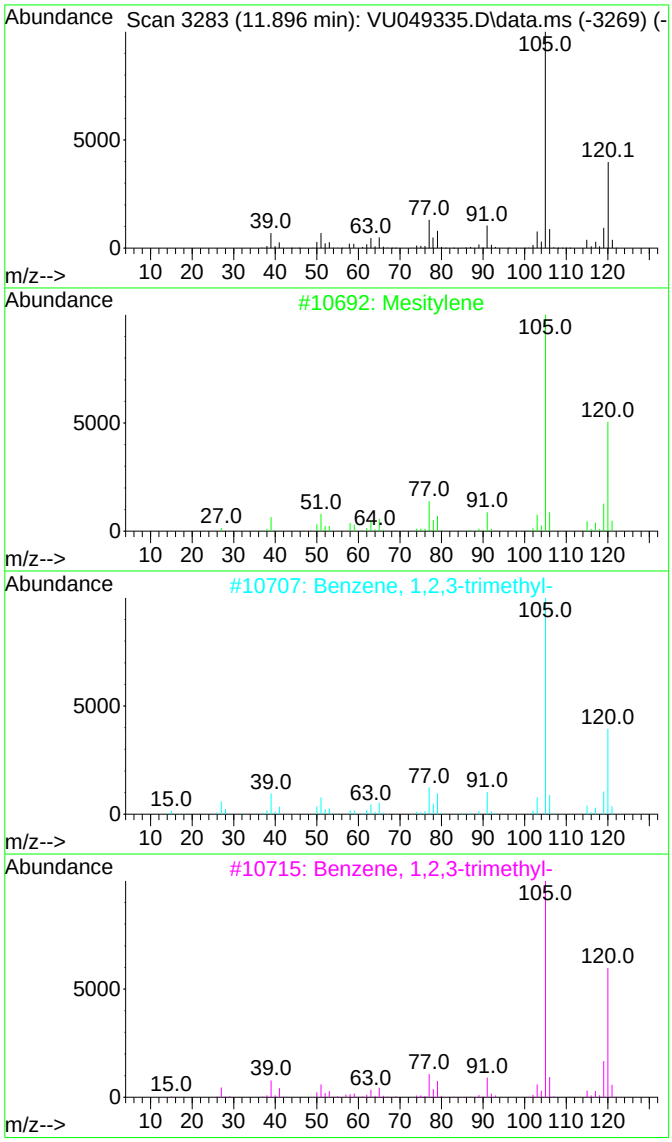
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

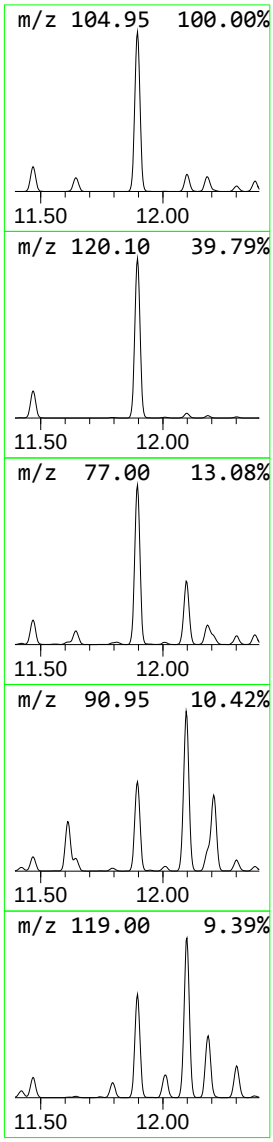
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	47.77 ug/L	4539470	1,4-Dichlorobenzene-d4	11.812

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	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

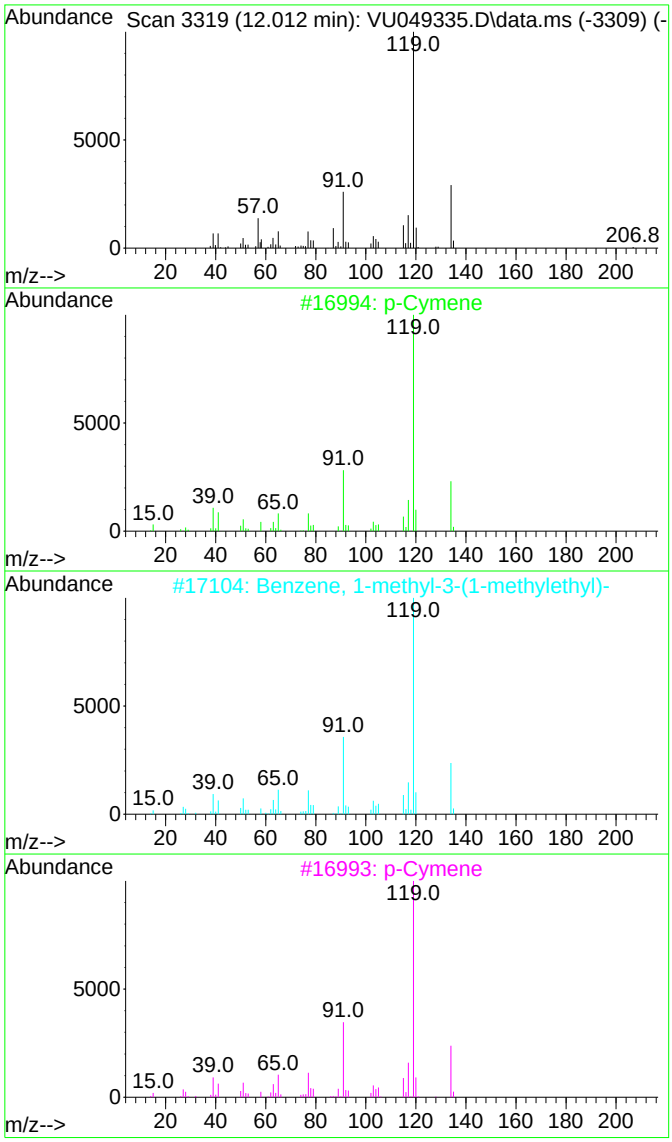
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

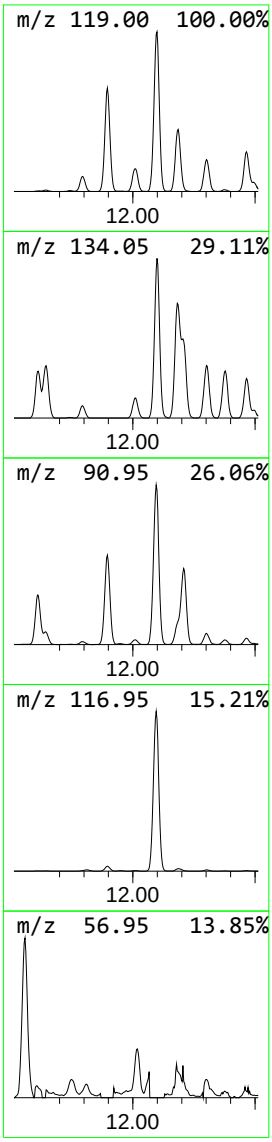
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 p-Cymene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.012	1.24 ug/L	117631	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	p-Cymene	134	C10H14	000099-87-6	93





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Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

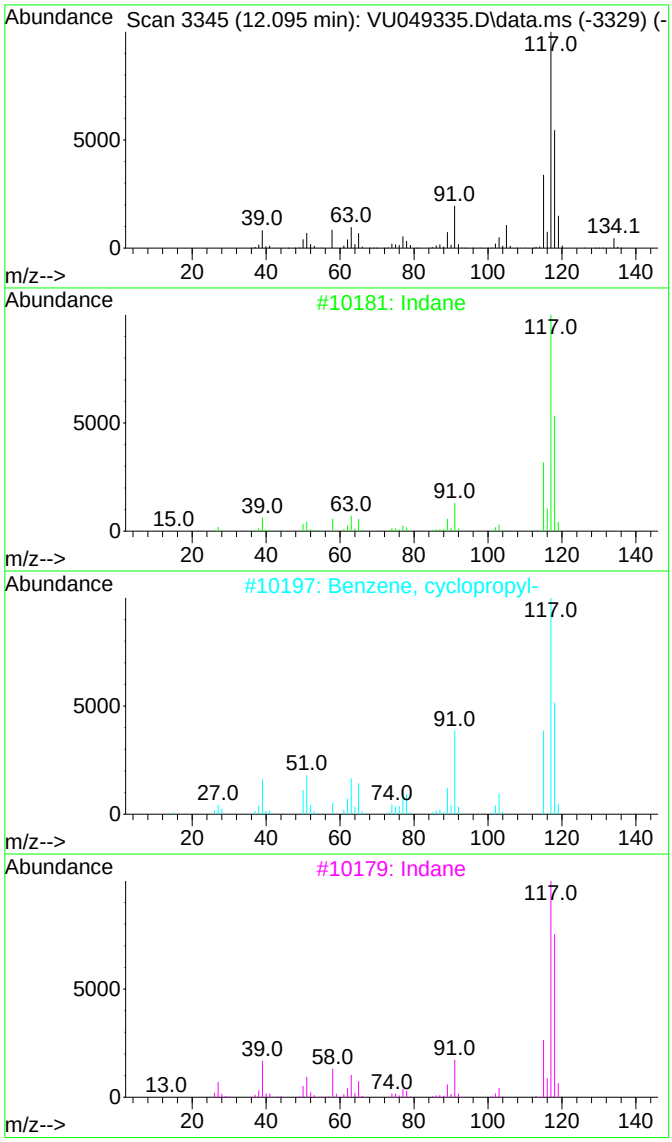
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

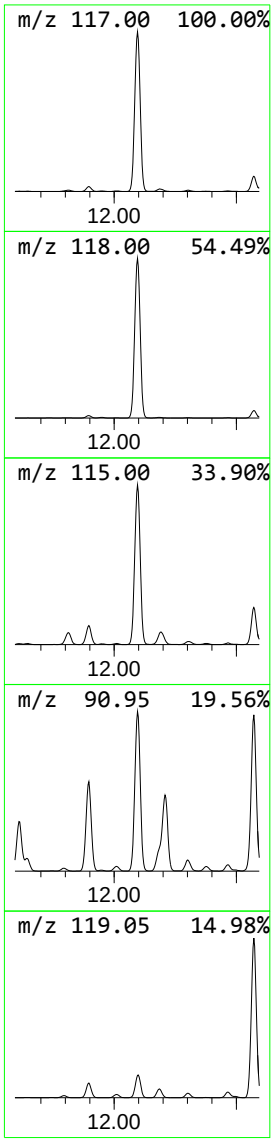
****

Peak Number 29 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	60.25 ug/L	5725600	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

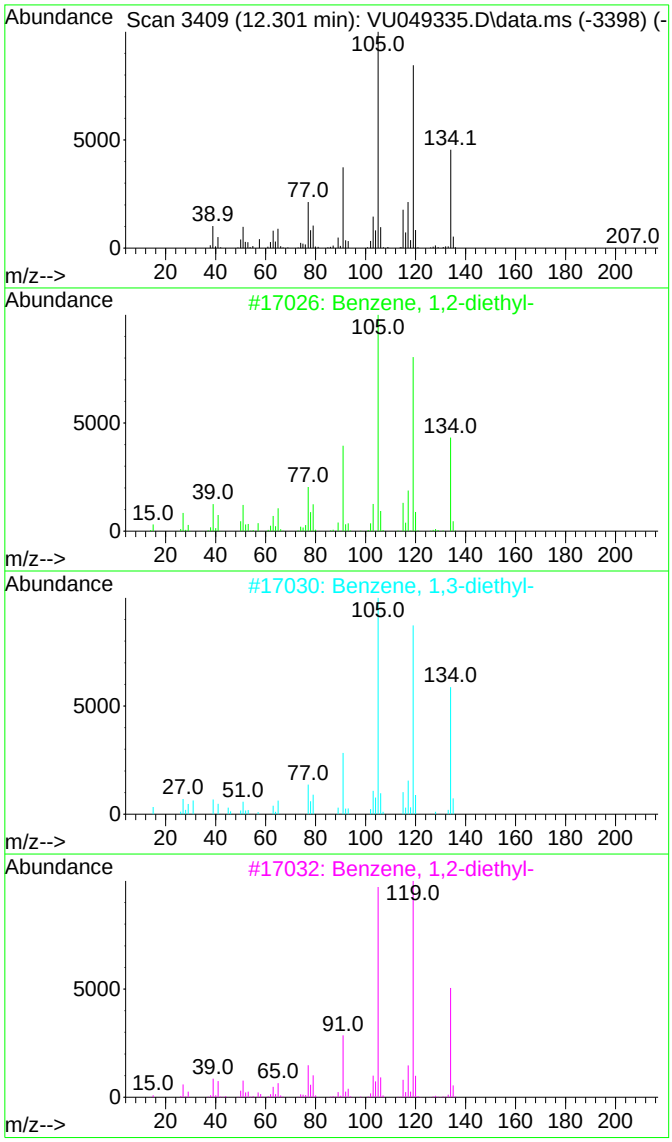
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

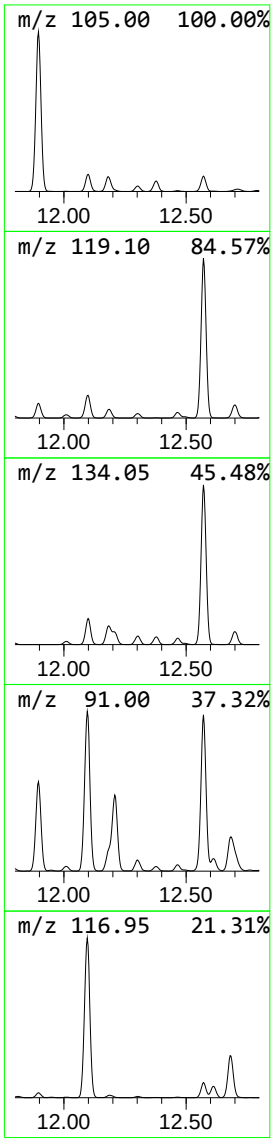
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2-diethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	3.15 ug/L	299830	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

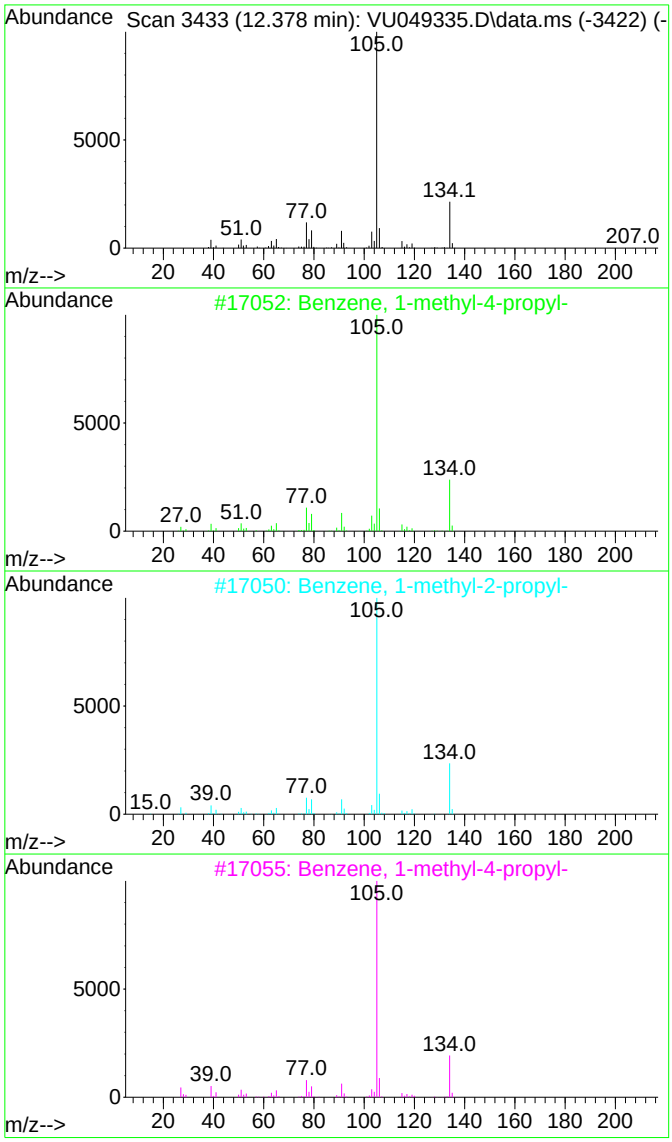
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

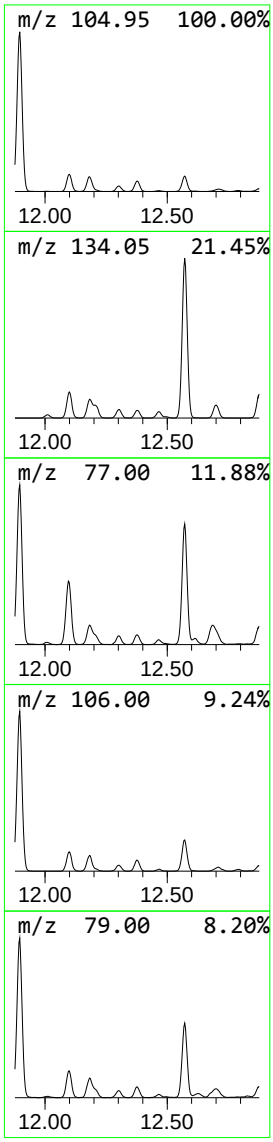
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-methyl-4-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.378	2.59 ug/L	245772	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

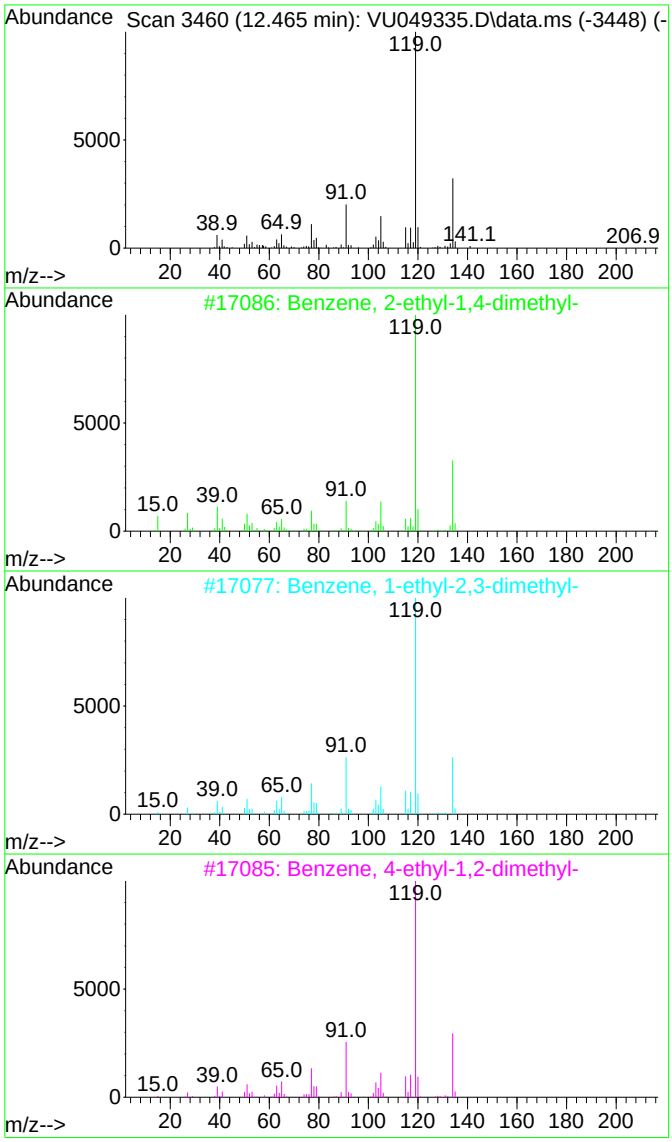
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

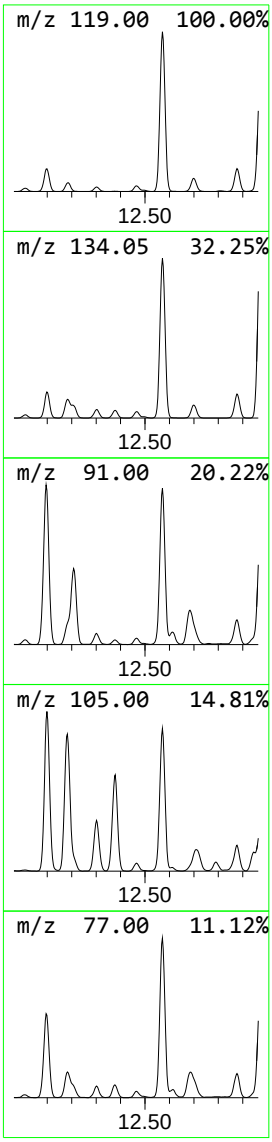
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	2.39 ug/L	227143	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

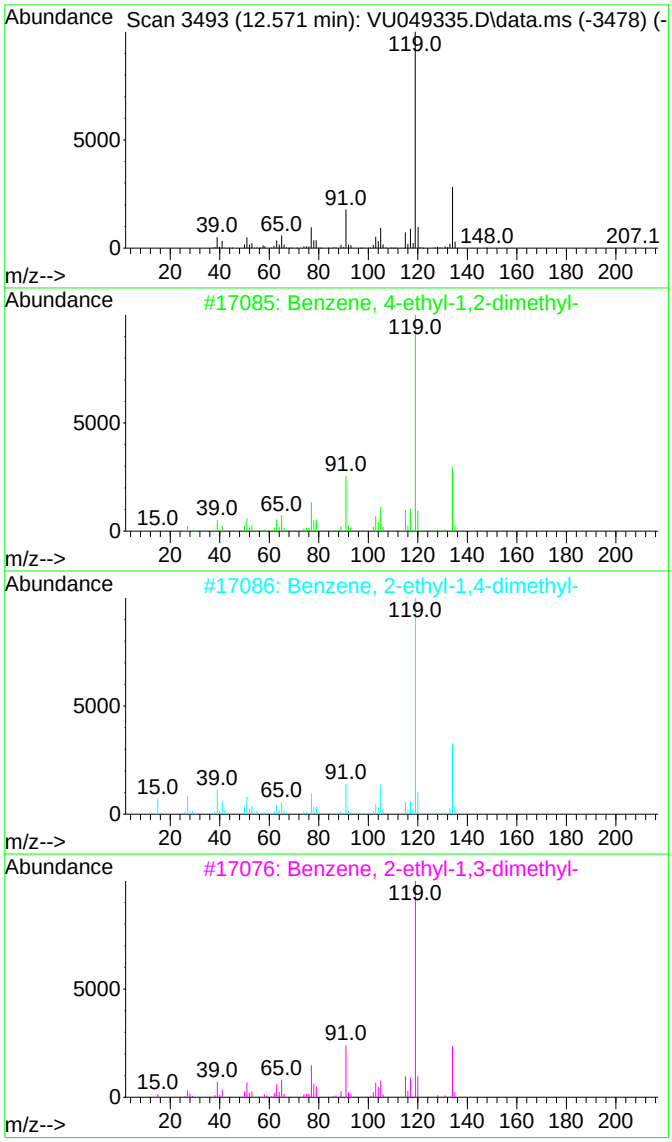
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

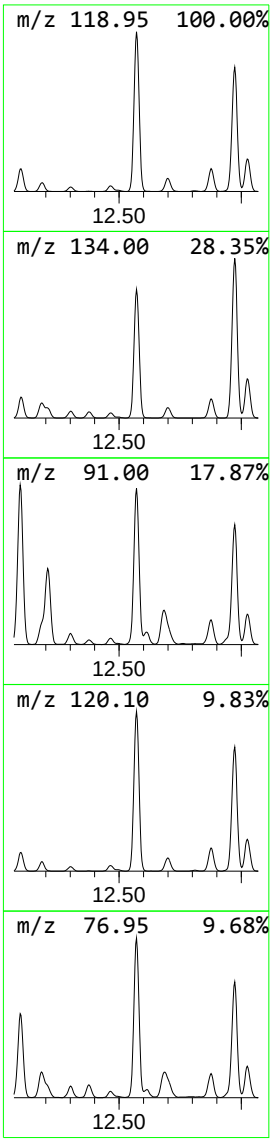
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	47.44 ug/L	4508520	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

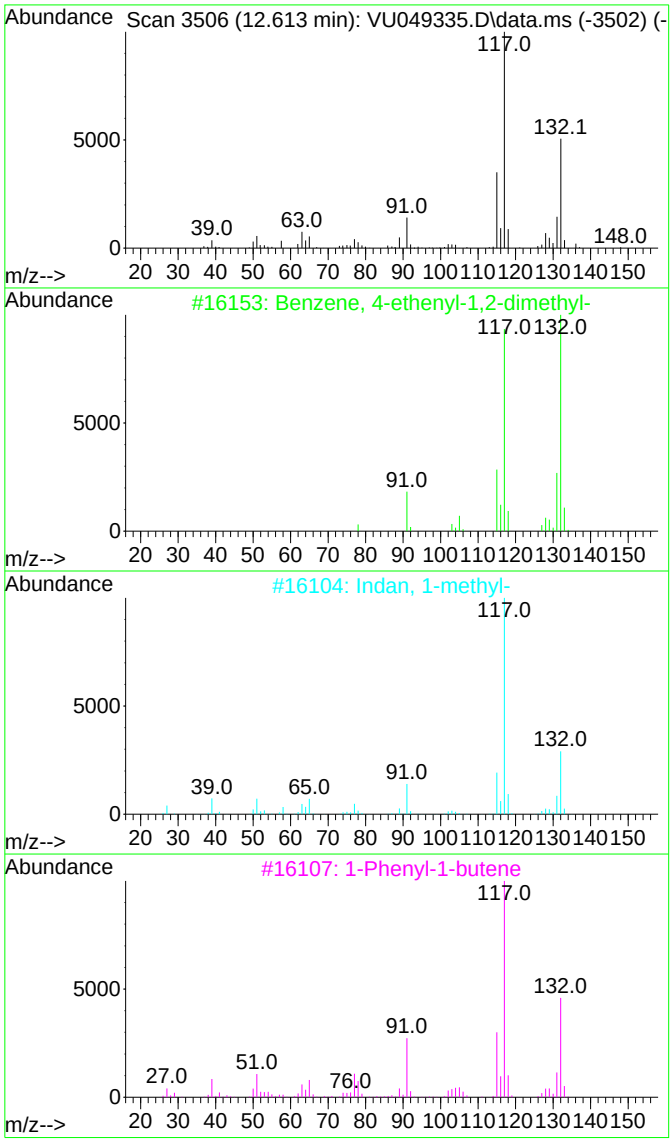
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

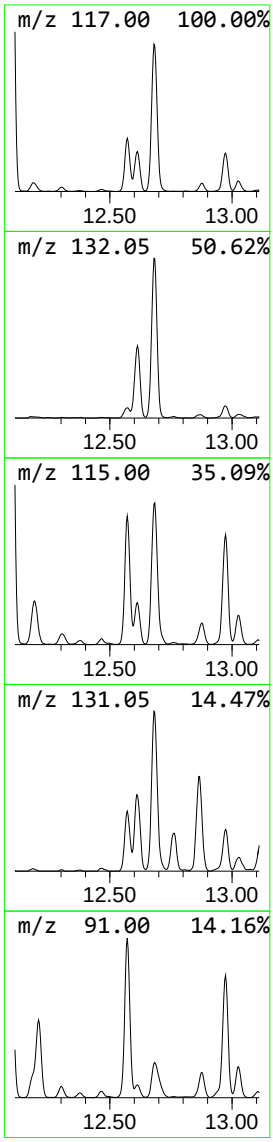
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.613	3.90 ug/L	370466	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

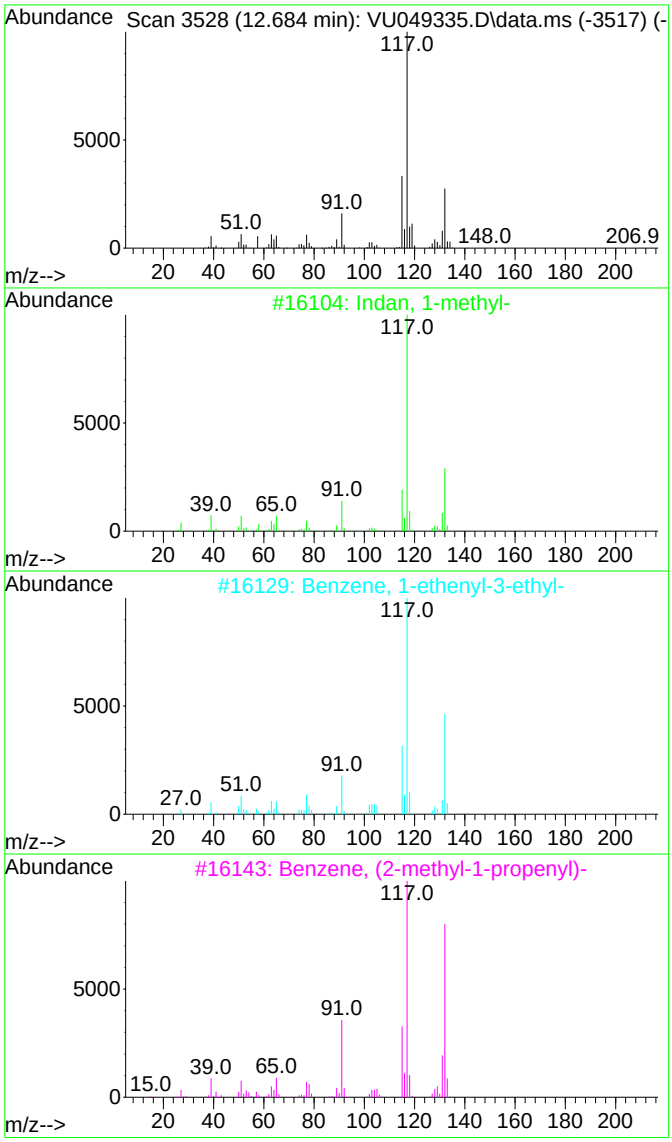
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

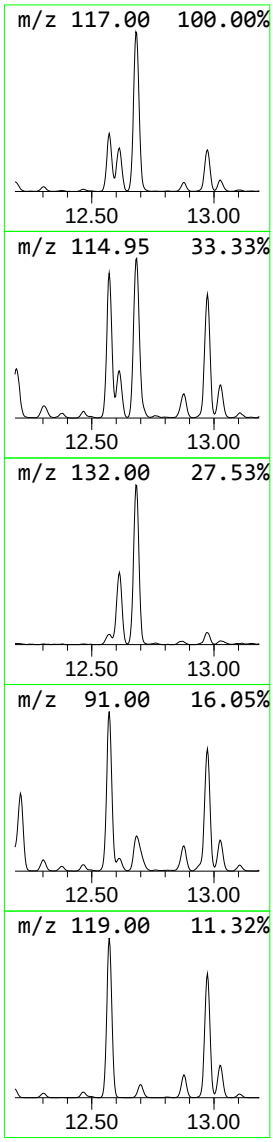
****

Peak Number 35 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	17.77 ug/L	1688490	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

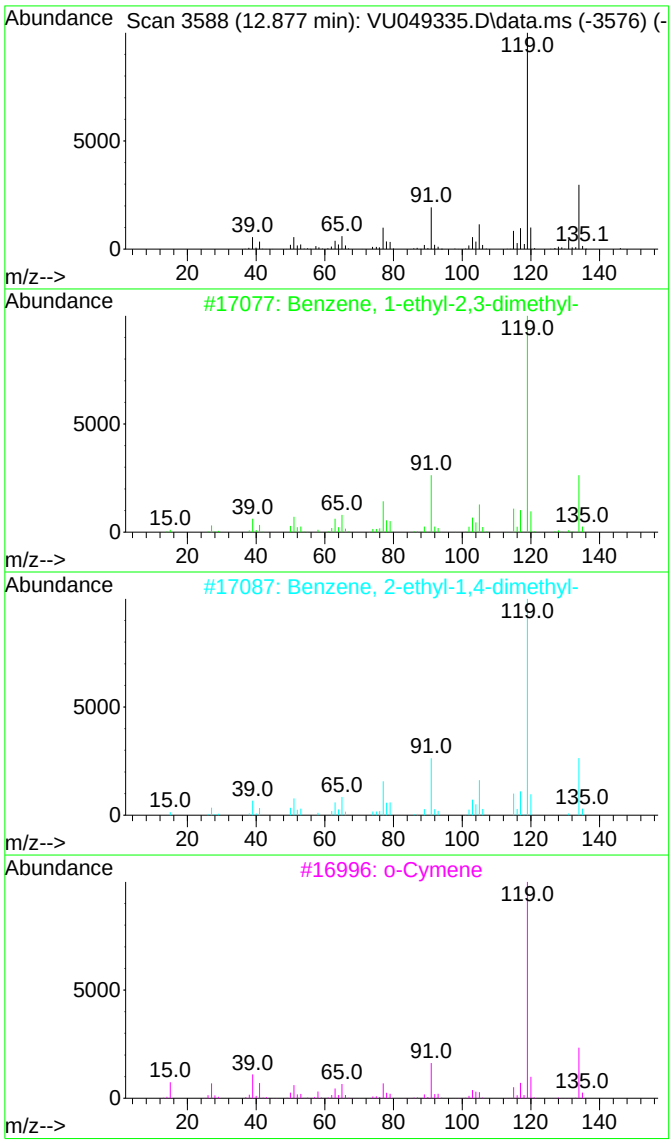
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

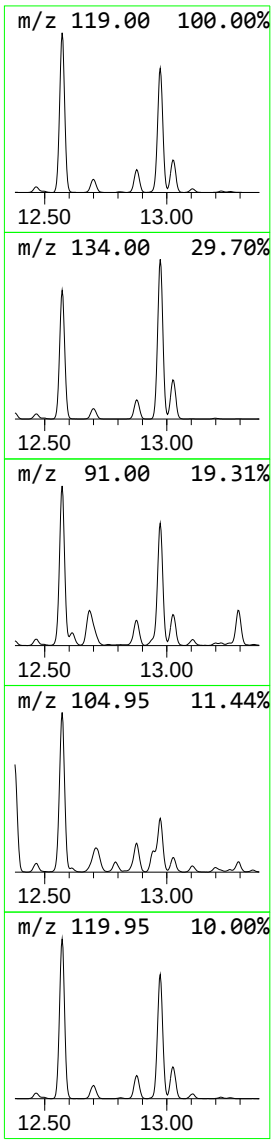
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	7.97 ug/L	757604	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

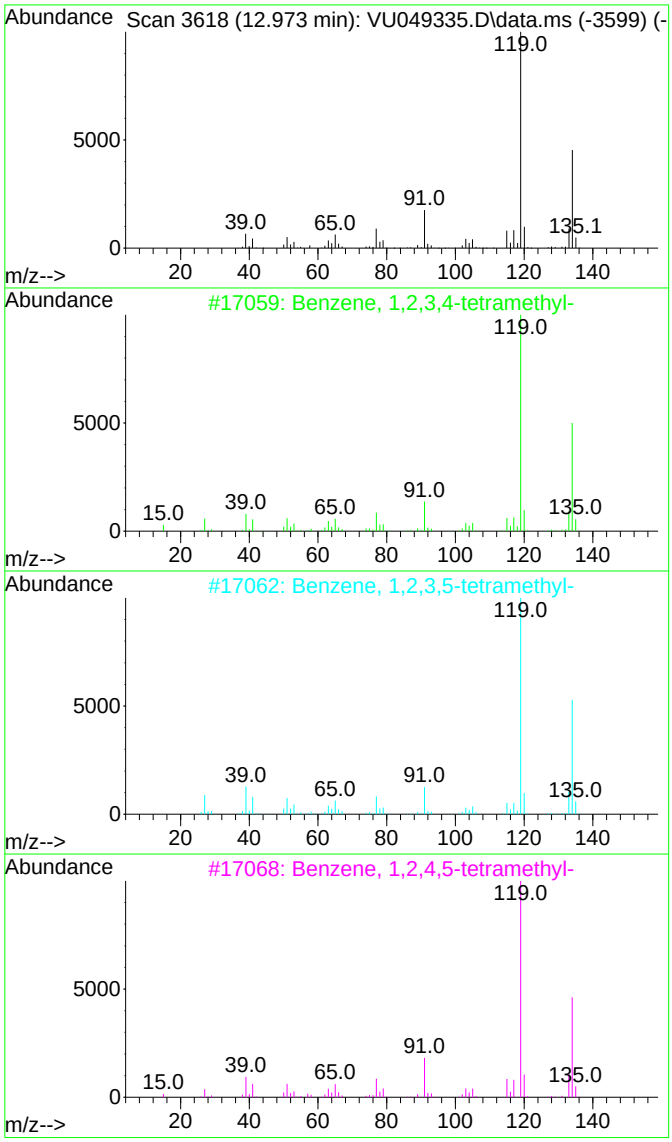
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

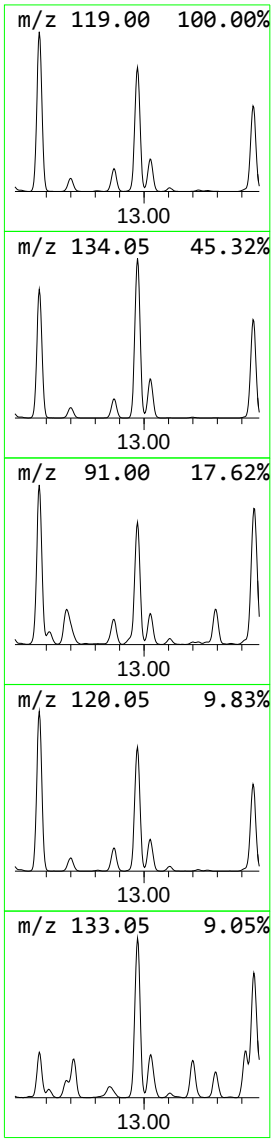
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	41.68 ug/L	3960740	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

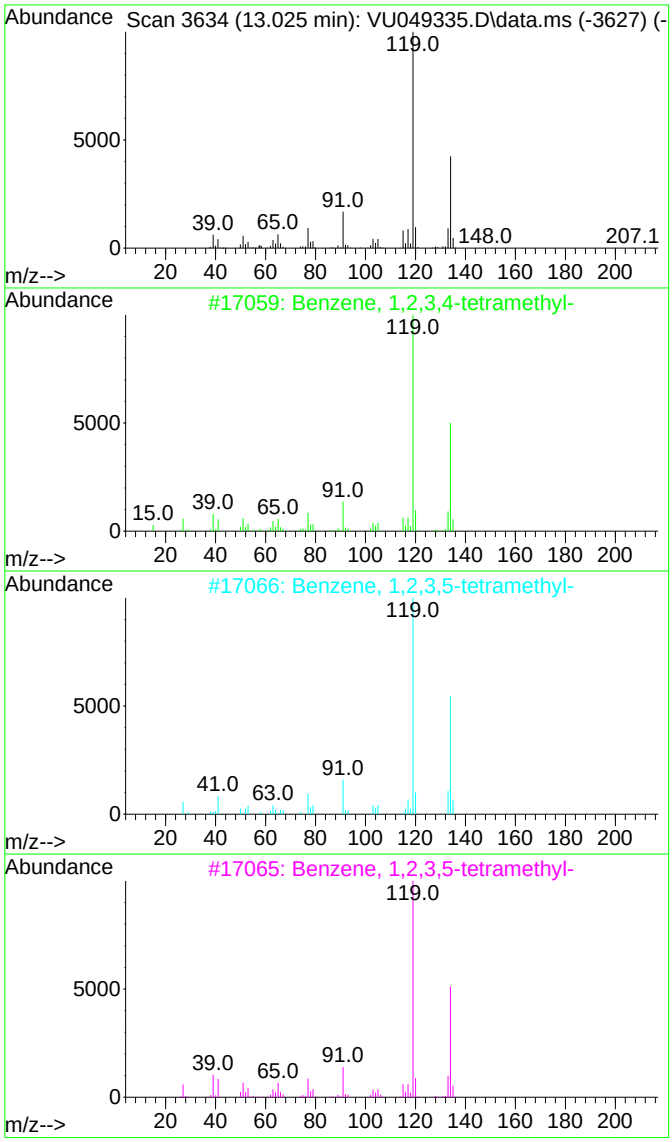
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

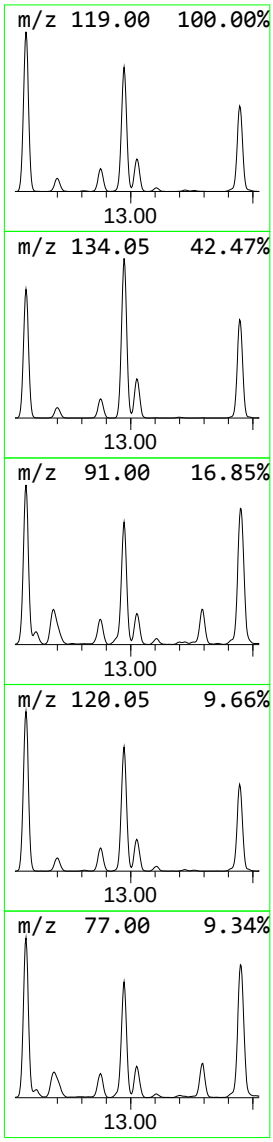
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	10.65 ug/L	1011670	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

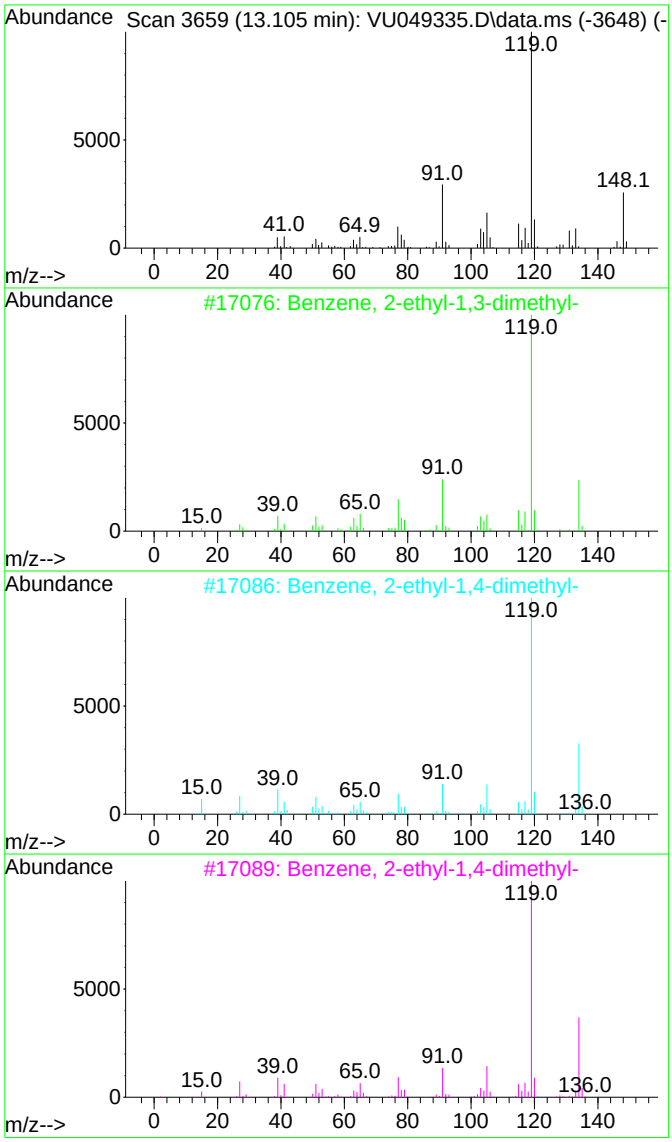
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

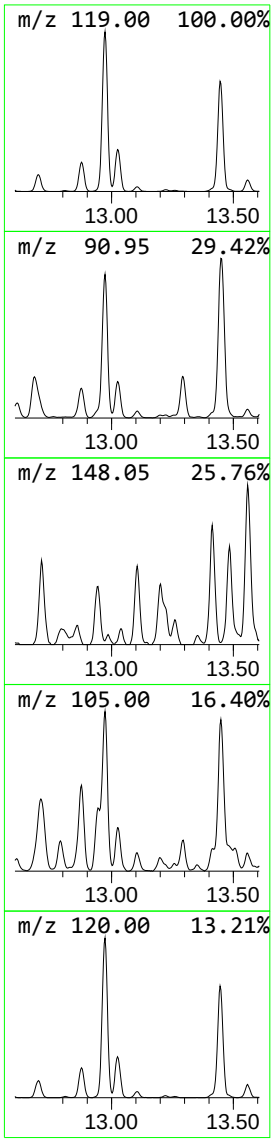
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	1.46 ug/L	138297	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
5	o-Cymene	134	C10H14	000527-84-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

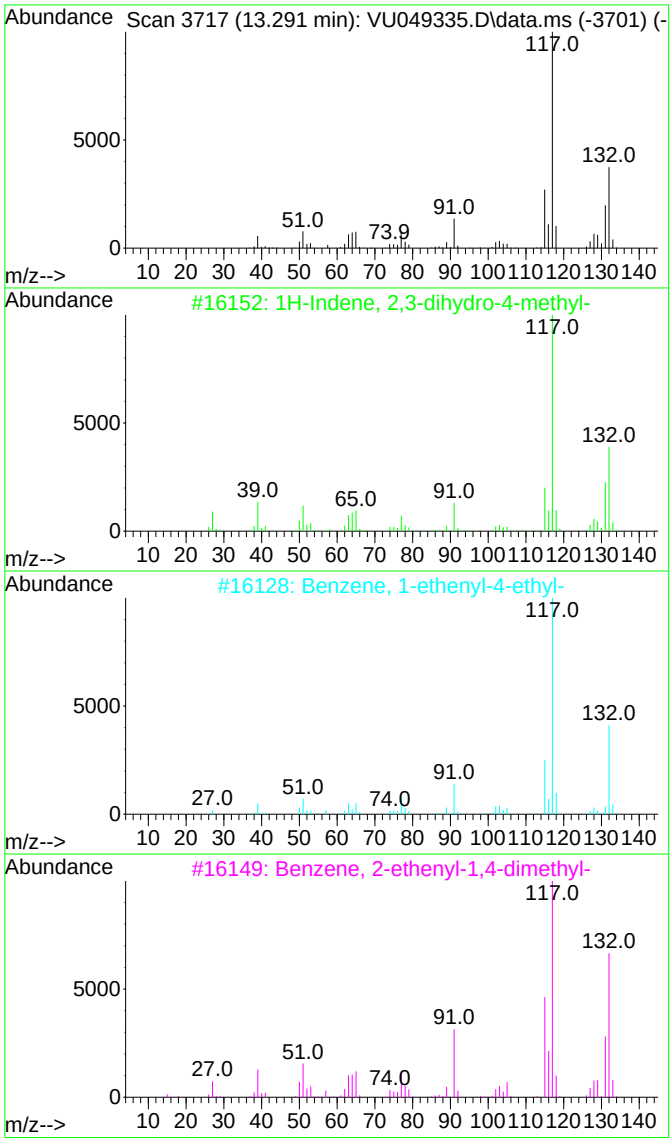
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

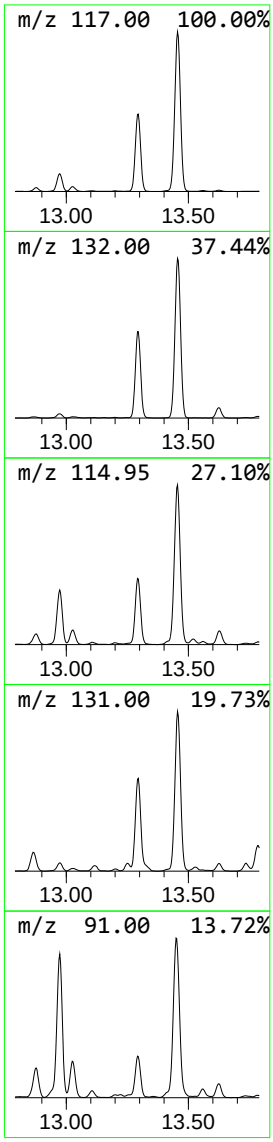
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	17.46 ug/L	1659510	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

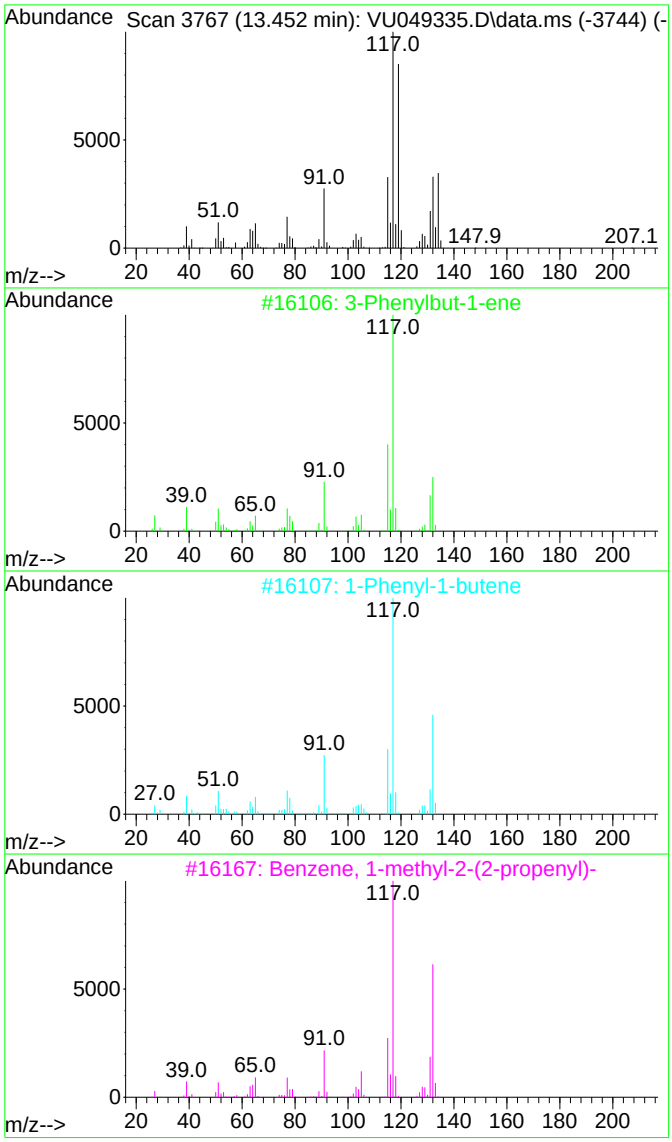
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

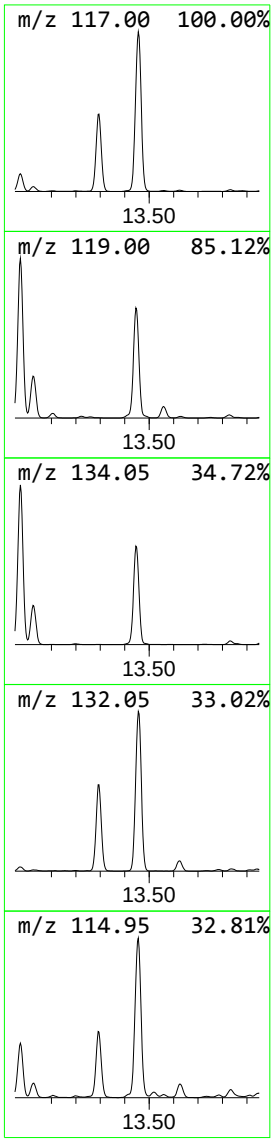
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	63.69 ug/L	6052580	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

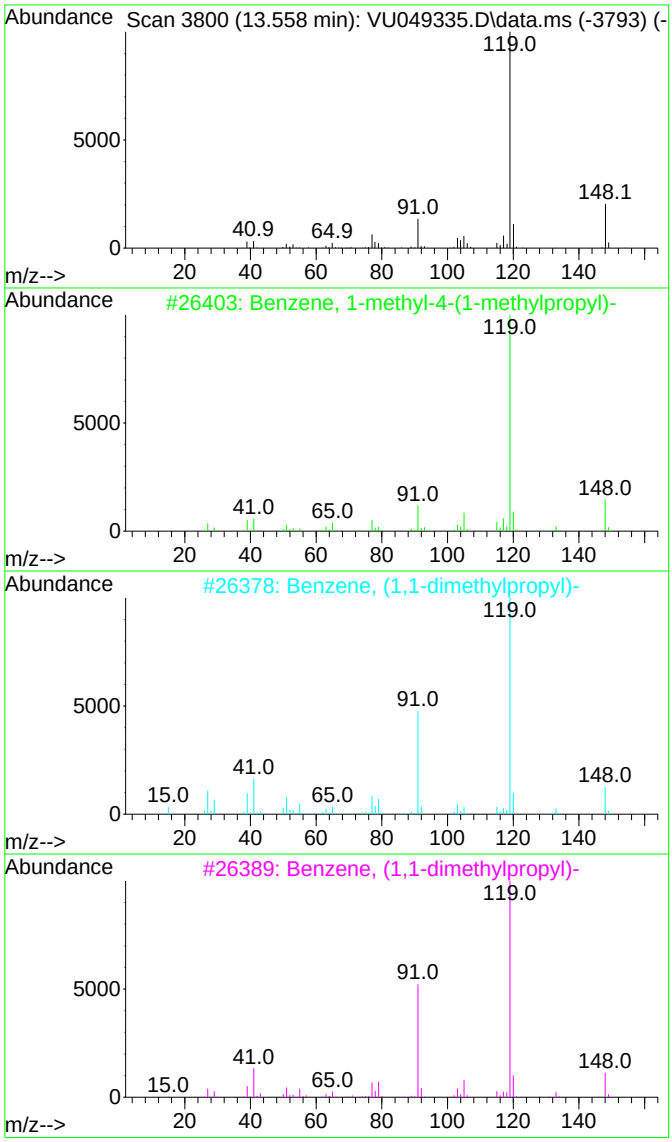
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

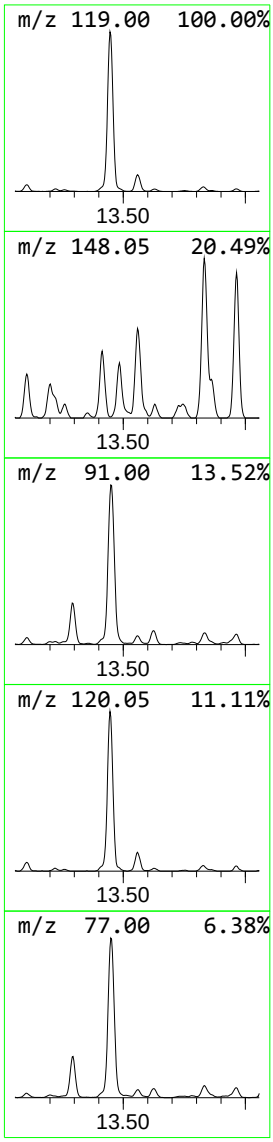
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1-methyl-4-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.558	1.96 ug/L	185838	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

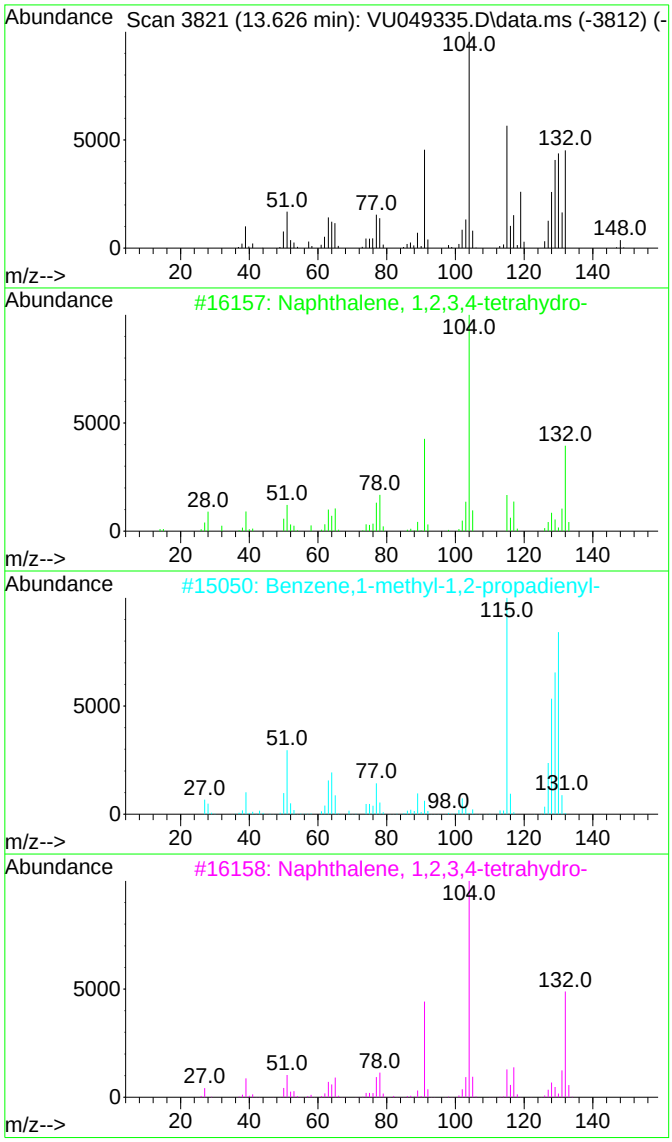
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

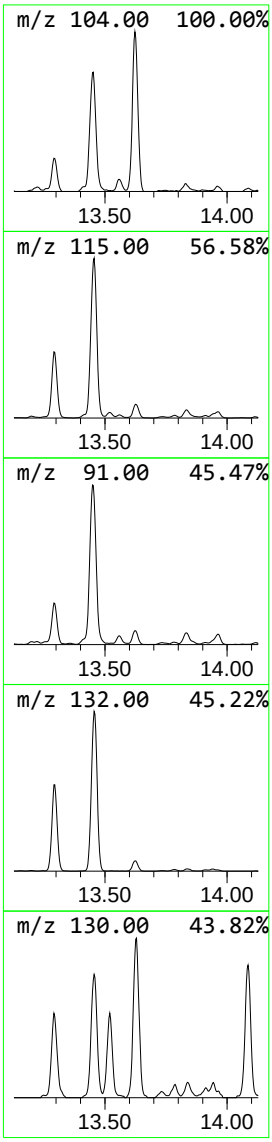
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	3.59 ug/L	340706	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	83
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

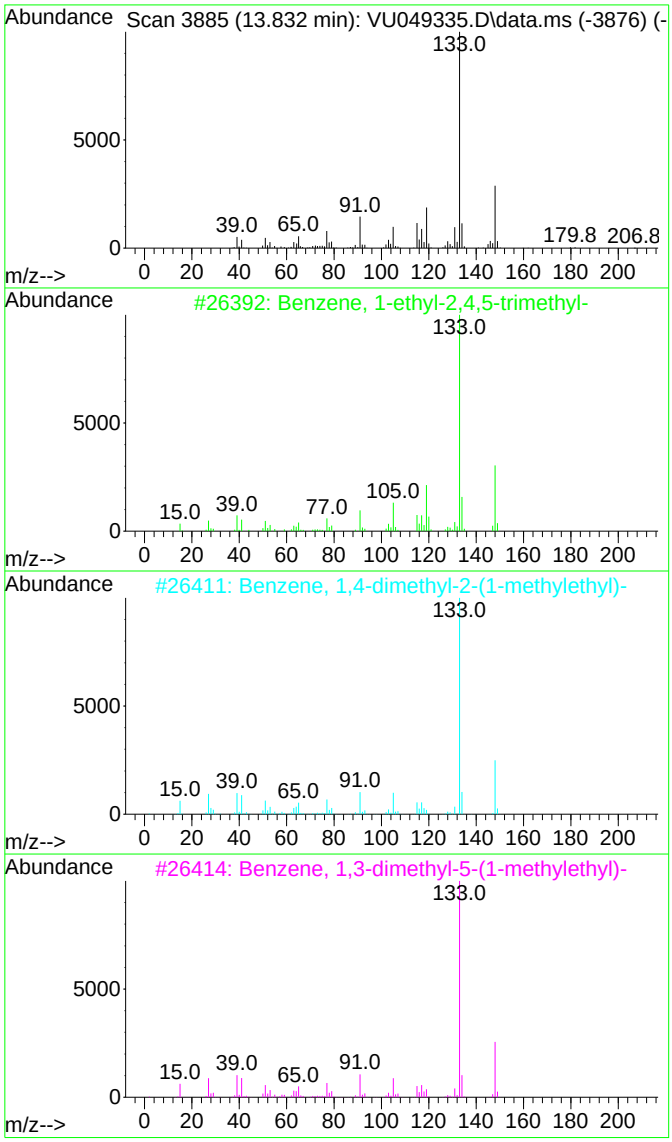
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

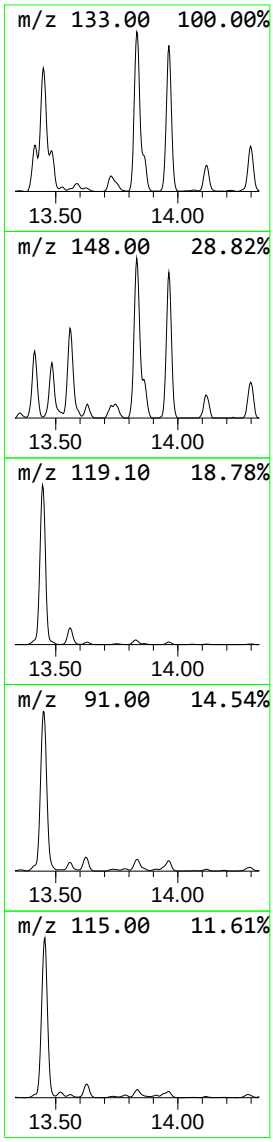
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.832	4.95 ug/L	470709	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

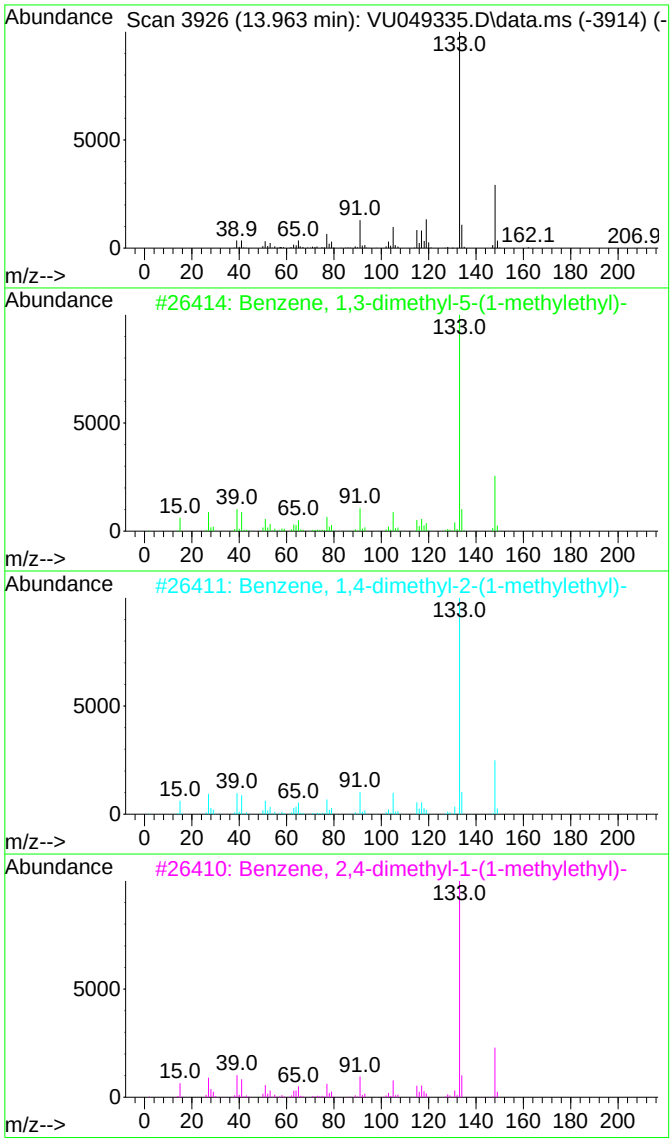
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

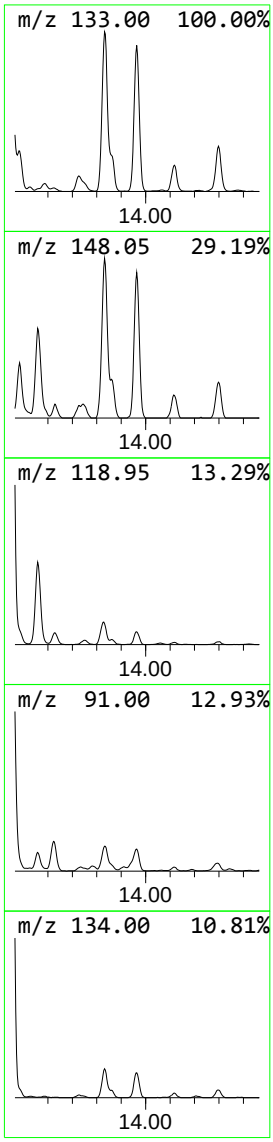
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	4.50 ug/L	427890	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

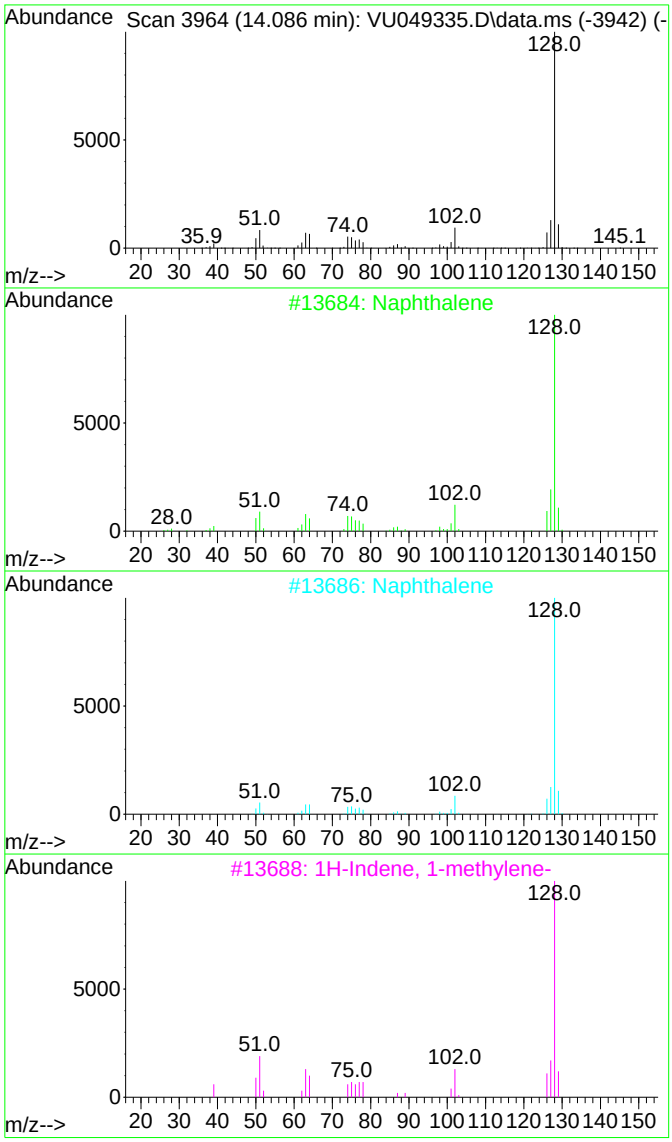
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

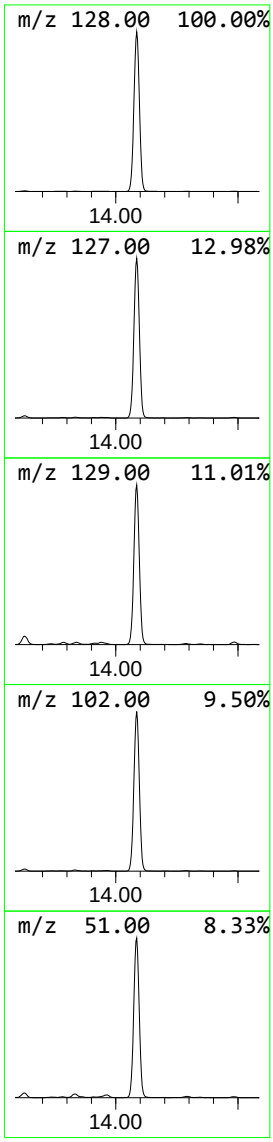
****

Peak Number 47 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	74.31 ug/L	7062160	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
4	Naphthalene	128	C10H8	000091-20-3	94
5	Azulene	128	C10H8	000275-51-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

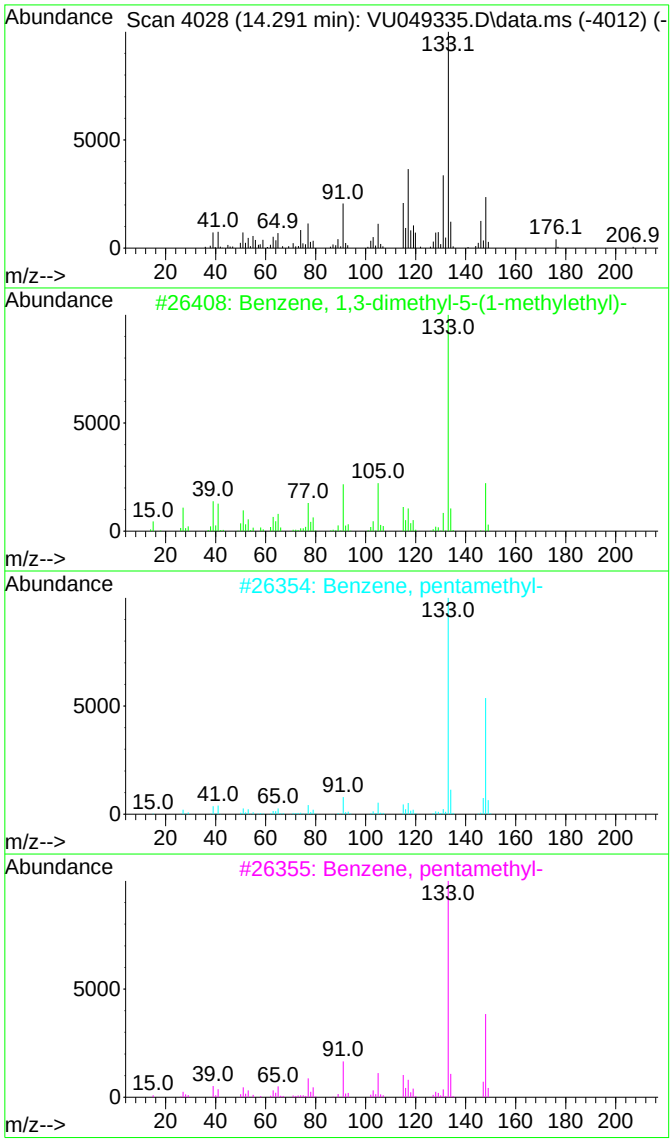
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

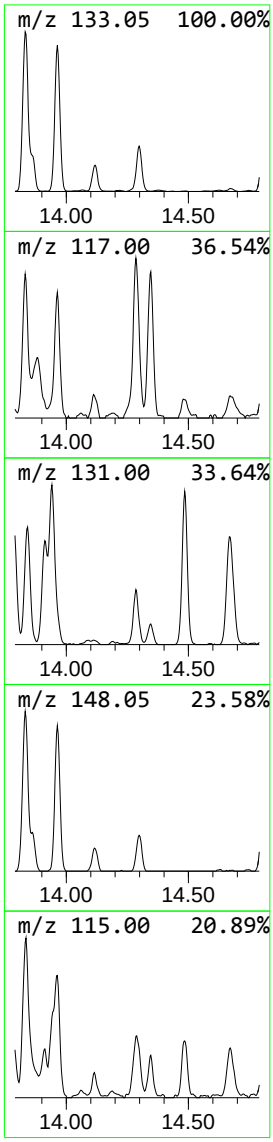
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, pentamethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.291	1.90 ug/L	180959	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	59
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	52
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.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: C...	3.141	2.2	ug/L	159633	1	6.279	364822	5.0
(DEL) Alkane: S...	3.697	1.6	ug/L	115715	1	6.279	364822	5.0
(DEL) Alkane: C...	4.527	14.6	ug/L	1065870	1	6.279	364822	5.0
(DEL) Alkane: S...	5.141	1.6	ug/L	114769	1	6.279	364822	5.0
(DEL) Alkane: S...	5.488	8.2	ug/L	598078	1	6.279	364822	5.0
(DEL) Alkane: S...	5.623	10.9	ug/L	795353	1	6.279	364822	5.0
Formic acid, he...	5.877	11.9	ug/L	869456	1	6.279	364822	5.0
(DEL) Alkane: C...	5.948	10.1	ug/L	733588	1	6.279	364822	5.0
(DEL) Alkane: C...	6.015	10.4	ug/L	754902	1	6.279	364822	5.0
(DEL) Alkane: C...	6.996	3.6	ug/L	261808	1	6.279	364822	5.0
(DEL) Alkane: C...	7.086	1.9	ug/L	139532	1	6.279	364822	5.0
(DEL) Alkane: C...	7.253	2.3	ug/L	168046	1	6.279	364822	5.0
Cyclobutane, (1...	7.407	2.8	ug/L	206460	1	6.279	364822	5.0
(DEL) Alkane: C...	8.051	2.3	ug/L	186242	2	9.423	406896	5.0
(DEL) Alkane: C...	8.253	5.2	ug/L	422587	2	9.423	406896	5.0
(DEL) Alkane: C...	8.378	2.1	ug/L	171987	2	9.423	406896	5.0
(DEL) Alkane: C...	8.816	1.7	ug/L	140086	2	9.423	406896	5.0
(DEL) Alkane: C...	8.870	1.7	ug/L	137665	2	9.423	406896	5.0
Pentalene, octa...	9.513	1.7	ug/L	135128	2	9.423	406896	5.0
Benzene, propyl-	10.909	118.3	ug/L	11238800	3	11.812	475168	5.0
Benzene, 1-ethy...	11.025	7.6	ug/L	723461	3	11.812	475168	5.0
Benzene, 1-ethy...	11.292	15.6	ug/L	1482310	3	11.812	475168	5.0
2-Heptanone, 4,...	11.558	5.3	ug/L	501159	3	11.812	475168	5.0
Benzene, (2-met...	11.610	2.9	ug/L	274788	3	11.812	475168	5.0
Oxirane, 2-meth...	11.642	3.6	ug/L	339073	3	11.812	475168	5.0
Benzene, 1,2,3-...	11.896	47.8	ug/L	4539470	3	11.812	475168	5.0
p-Cymene	12.012	1.2	ug/L	117631	3	11.812	475168	5.0
Indane	12.095	60.3	ug/L	5725600	3	11.812	475168	5.0
Benzene, 1,2-di...	12.301	3.1	ug/L	299830	3	11.812	475168	5.0
Benzene, 1-meth...	12.378	2.6	ug/L	245772	3	11.812	475168	5.0
Benzene, 2-ethy...	12.465	2.4	ug/L	227143	3	11.812	475168	5.0
Benzene, 4-ethy...	12.571	47.4	ug/L	4508520	3	11.812	475168	5.0
Benzene, 4-ethe...	12.613	3.9	ug/L	370466	3	11.812	475168	5.0
Indan, 1-methyl-	12.684	17.8	ug/L	1688490	3	11.812	475168	5.0
Benzene, 1-ethy...	12.877	8.0	ug/L	757604	3	11.812	475168	5.0
Benzene, 1,2,3,...	12.973	41.7	ug/L	3960740	3	11.812	475168	5.0
Benzene, 1,2,3,...	13.025	10.7	ug/L	1011670	3	11.812	475168	5.0
Benzene, 2-ethy...	13.105	1.5	ug/L	138297	3	11.812	475168	5.0
1H-Indene, 2,3-...	13.291	17.5	ug/L	1659510	3	11.812	475168	5.0
3-Phenylbut-1-ene	13.452	63.7	ug/L	6052580	3	11.812	475168	5.0
Benzene, 1-meth...	13.558	2.0	ug/L	185838	3	11.812	475168	5.0
Naphthalene, 1,...	13.626	3.6	ug/L	340706	3	11.812	475168	5.0
Benzene, 1-ethy...	13.832	5.0	ug/L	470709	3	11.812	475168	5.0
Benzene, 1,3-di...	13.964	4.5	ug/L	427890	3	11.812	475168	5.0
Azulene	14.086	74.3	ug/L	7062160	3	11.812	475168	5.0
Benzene, pentam...	14.291	1.9	ug/L	180959	3	11.812	475168	5.0