LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: VU059821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.599	83	96	117	rBV	8680316	10206427	22.01%	3.377%
2	1.991	206	218	245	rBV	11462736	15375671	33.15%	5.087%
3	2.197	272	282	306	rVB	10783751	14995398	32.33%	4.962%
4	2.312	308	318	330	rBV	519052	735758	1.59%	0.243%
5	2.592	377	405	453	rBV3	708582	1876306	4.05%	0.621%
6	2.962	498	520	532	rBV5	515263	1393441	3.00%	0.461%
7	3.036	532	543	546	rVV	1363919	2377068	5.13%	0.787%
8	3.074	547	555	565	rVV	4572951	9329386	20.12%	3.087%
9	3.129	566	572	607	rVB3	1530772	3609665	7.78%	1.194%
10	3.354	621	642	676	rVB	3834170	8452239	18.23%	2.797%
11	3.576	693	711	729	rBV4	250211	615563	1.33%	0.204%
12	3.692	729	747	774	rVB	2740296	6016433	12.97%	1.991%
13	3.827	774	789	800	rBV	228020	508271	1.10%	0.168%
14	3.907	800	814	826	rBV	469460	1062577	2.29%	0.352%
15	4.171	879	896	910	rBV3	393724	1258097	2.71%	0.416%
16	4.373	947	959	969	rBV	242313	558871	1.21%	0.185%
17	4.525	987	1006	1025	rBV	8461864	20105905	43.35%	6.653%
18	4.656	1028	1047	1103	rVB	2051282	5230816	11.28%	1.731%
19	5.119	1181	1191	1219	rVB3	395428	1045065	2.25%	0.346%
20	5.380	1253	1272	1287	rBV	7657722	18029686	38.88%	5.966%
21	5.586	1320	1336	1344	rBV	637068	1384068	2.98%	0.458%
22	5.717	1362	1377	1388	rBV2	209751	486357	1.05%	0.161%
23	5.843	1405	1416	1424	rBV	594425	1208320	2.61%	0.400%
24	5.910	1425	1437	1447	rVV4	534384	1570740	3.39%	0.520%
25	5.978	1447	1458	1487	rVB3	772518	1920274	4.14%	0.635%
26	6.132	1488	1506	1530	rBV4	283327	857166	1.85%	0.284%
27	6.242	1530	1540	1547	rBV	245290	464555	1.00%	0.154%
28	6.547	1620	1635	1658	rBV3	431217	976070	2.10%	0.323%
29	6.756	1683	1700	1722	rVB	2944807	6437757	13.88%	2.130%
30	6.975	1756	1768	1786	rVB2	382158	715626	1.54%	0.237%
31	7.155	1807	1824	1828	rBV3	452296	870028	1.88%	0.288%
32	7.389	1884	1897	1907	rBV	298238	581797	1.25%	0.193%
33	7.891	2047	2053	2063	rVB	317063	503567	1.09%	0.167%
34	7.962	2063	2075	2088	rBV	6312263	10406735	22.44%	3.443%
35	8.627	2272	2282	2290	rBV	311086	545199	1.18%	0.180%
36	9.412	2515	2526	2540	rBV2	367544	889378	1.92%	0.294%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	9.566	2560	2574	2595	rBV2	29765147	46375593	100.00%	15.345%
38	9.688	2602	2612	2628	rVB	1416151	2278917	4.91%	0.754%
39	10.093	2727	2738	2767	rVB	3301790	5292656	11.41%	1.751%
40	10.476	2845	2857	2869	rBV	1299380	2016136	4.35%	0.667%
41	10.897	2977	2988	3002	rVB	3849179	5749472	12.40%	1.902%
42	11.016	3014	3025	3035	rBV	830786	1250179	2.70%	0.414%
43	11.081	3035	3045	3059	rVB	1456578	2184961	4.71%	0.723%
44	11.283	3094	3108	3131	rBV	5995310	9310556	20.08%	3.081%
45	11.460	3148	3163	3176	rBV	1135415	1740326	3.75%	0.576%
46	11.804	3257	3270	3284	rVB	425445	780892	1.68%	0.258%
47	11.888	3284	3296	3307	rBV	754773	1164531	2.51%	0.385%
48	12.087	3343	3358	3376	rBV	13439306	21422941	46.19%	7.088%
49	12.180	3376	3387	3411	rVV6	1332519	2897552	6.25%	0.959%
50	12.299	3412	3424	3435	rVV3	372838	677691	1.46%	0.224%
51	12.370	3436	3446	3457	rVB	482114	739190	1.59%	0.245%
52	12.457	3462	3473	3492	rVB	1174276	1790781	3.86%	0.593%
53	12.563	3493	3506	3514	rBV	3470361	5288535	11.40%	1.750%
54	12.605	3514	3519	3529	rVV	1178156	1670994	3.60%	0.553%
55	12.675	3529	3541	3560	rVB	4657927	7344817	15.84%	2.430%
56	12.965	3613	3631	3640	rBV	2348378	3593455	7.75%	1.189%
57	13.019	3640	3648	3662	rVB	1248000	1899451	4.10%	0.628%
58	13.103	3663	3674	3689	rBV5	242557	623501	1.34%	0.206%
59	13.286	3722	3731	3746	rVB	1333368	2033362	4.38%	0.673%
60	13.447	3771	3781	3795	rVB2	5870288	9441986	20.36%	3.124%
61	13.617	3824	3834	3852	rVB3	684282	1139063	2.46%	0.377%
62	13.778	3874	3884	3892	rBV	636391	1027709	2.22%	0.340%
63	13.830	3892	3900	3912	rVV4	678227	1260445	2.72%	0.417%
64	13.904	3916	3923	3926	rVV	391331	574416	1.24%	0.190%
65	13.933	3927	3932	3950	rVB2	770665	1336085	2.88%	0.442%
66	14.077	3964	3977	4001	rVB	2401865	3939239	8.49%	1.303%
67	14.199	4002	4015	4026	rVB	295944	517508	1.12%	0.171%
68	14.659	4148	4158	4172	rBV	252576	475245	1.02%	0.157%
69	15.215	4323	4331	4358	rVB2	223924	537718	1.16%	0.178%
70	15.405	4378	4390	4416	rVB2	692563	1248992	2.69%	0.413%

Sum of corrected areas: 302225175

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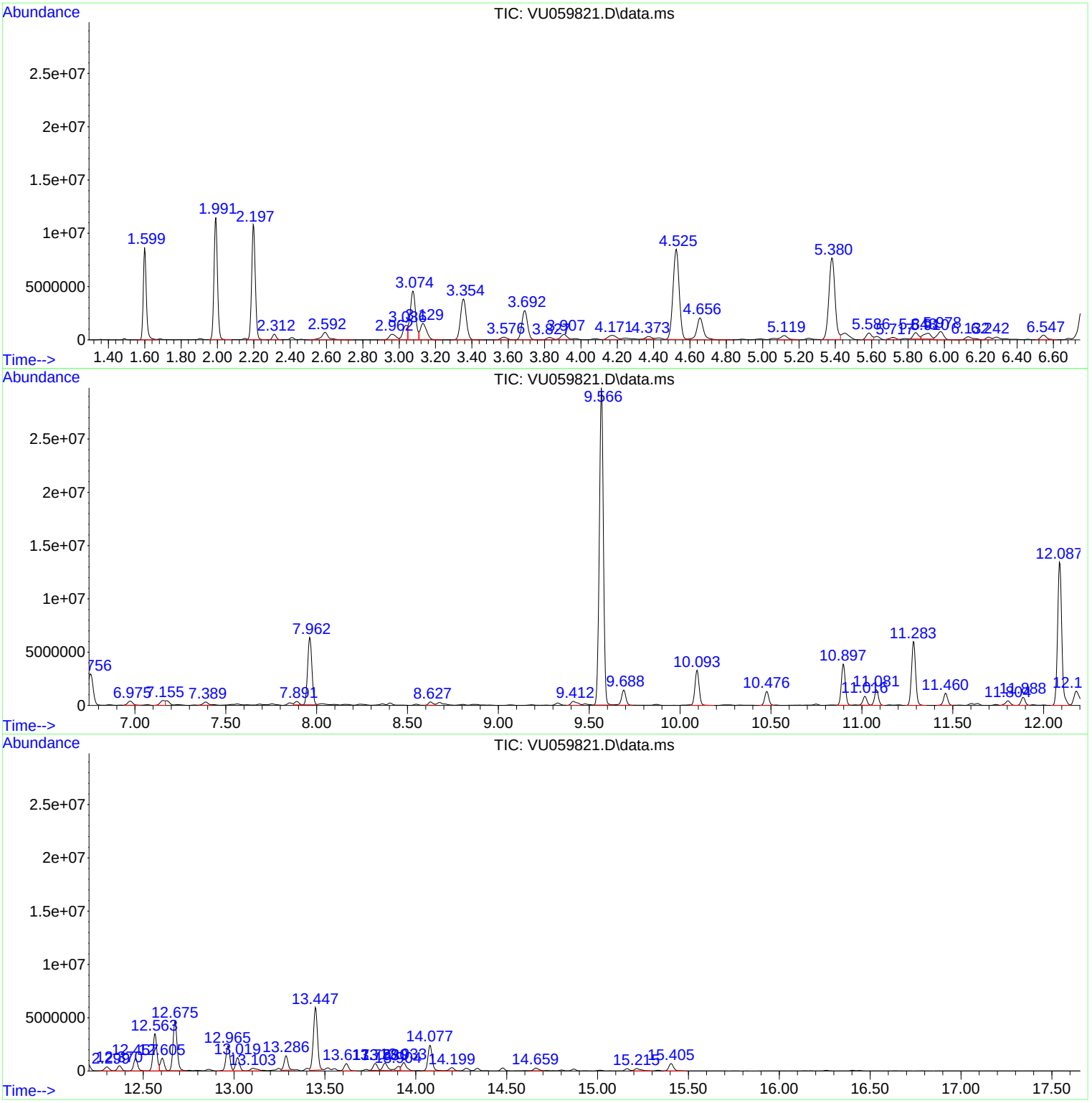
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

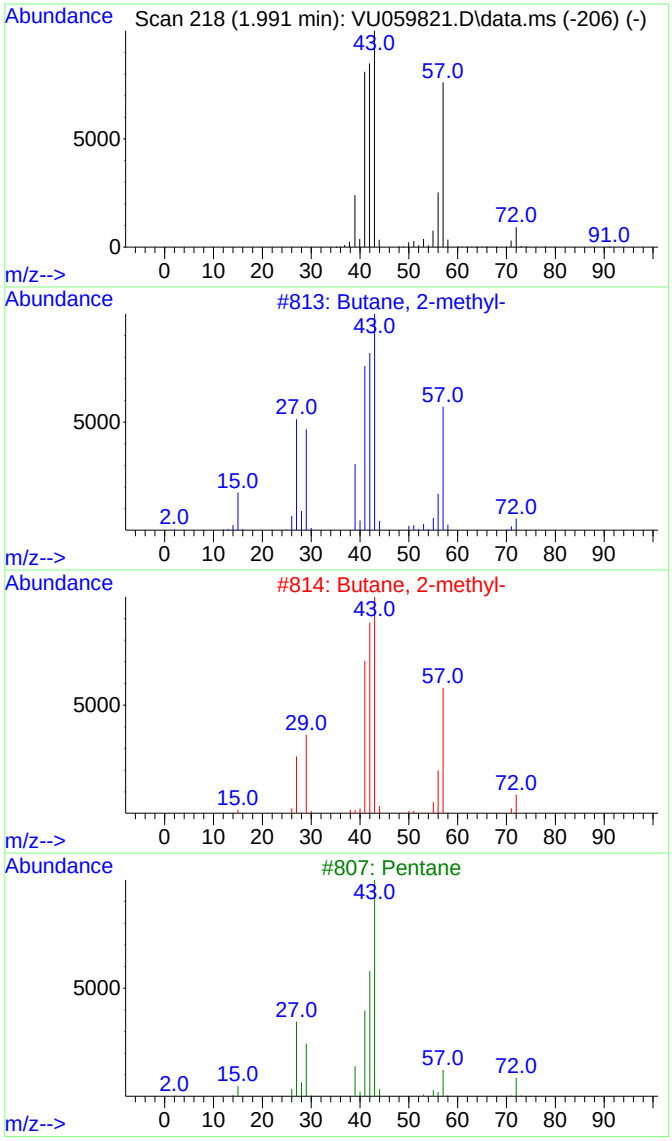
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

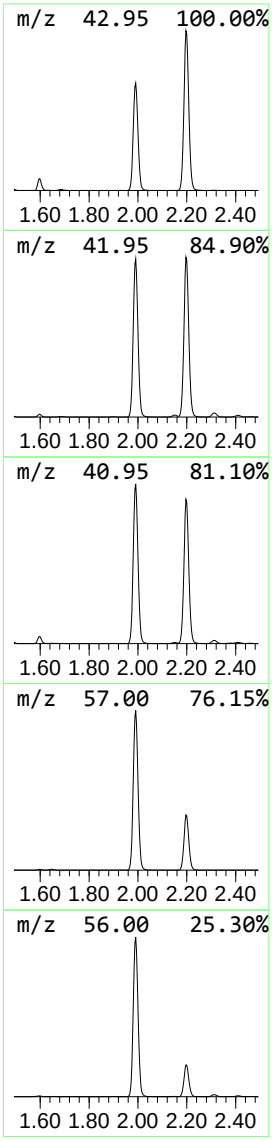
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	165.49 ug/L	15375700	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	87
3	Pentane	72	C5H12	000109-66-0	42
4	Pentane	72	C5H12	000109-66-0	38
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

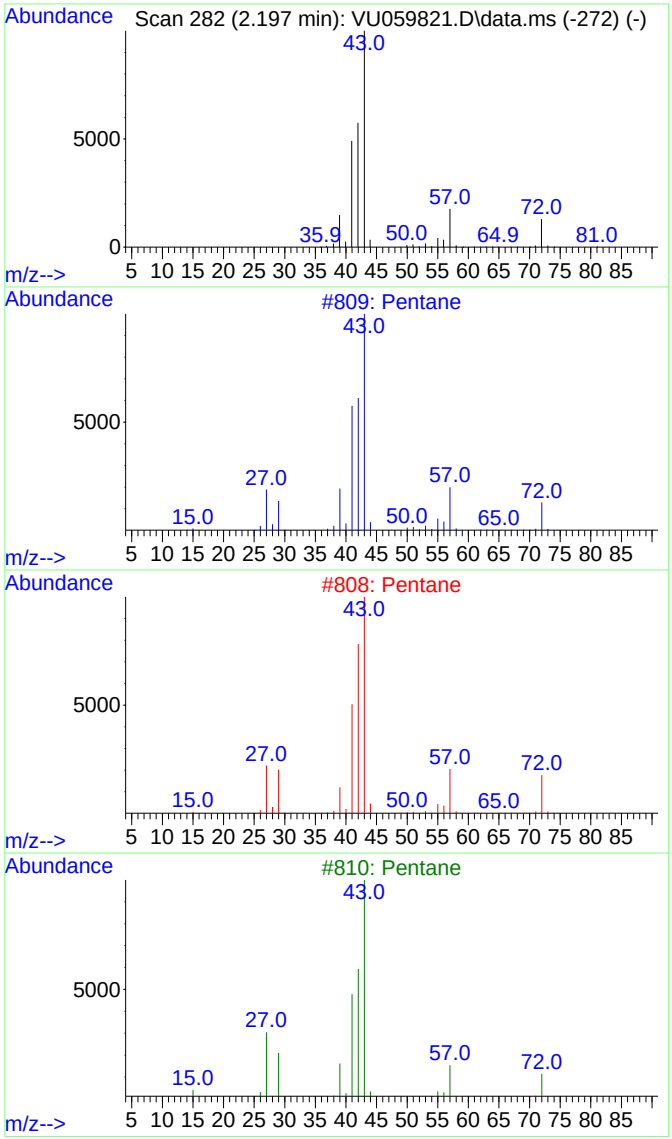
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

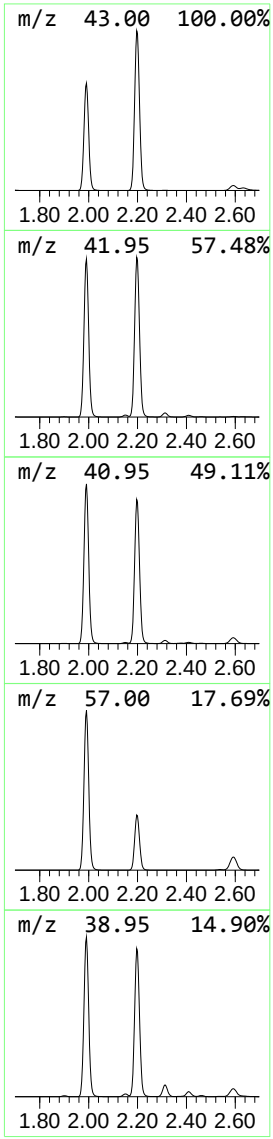
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.197	161.40 ug/L	14995400	1,4-Difluorobenzene	6.242

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

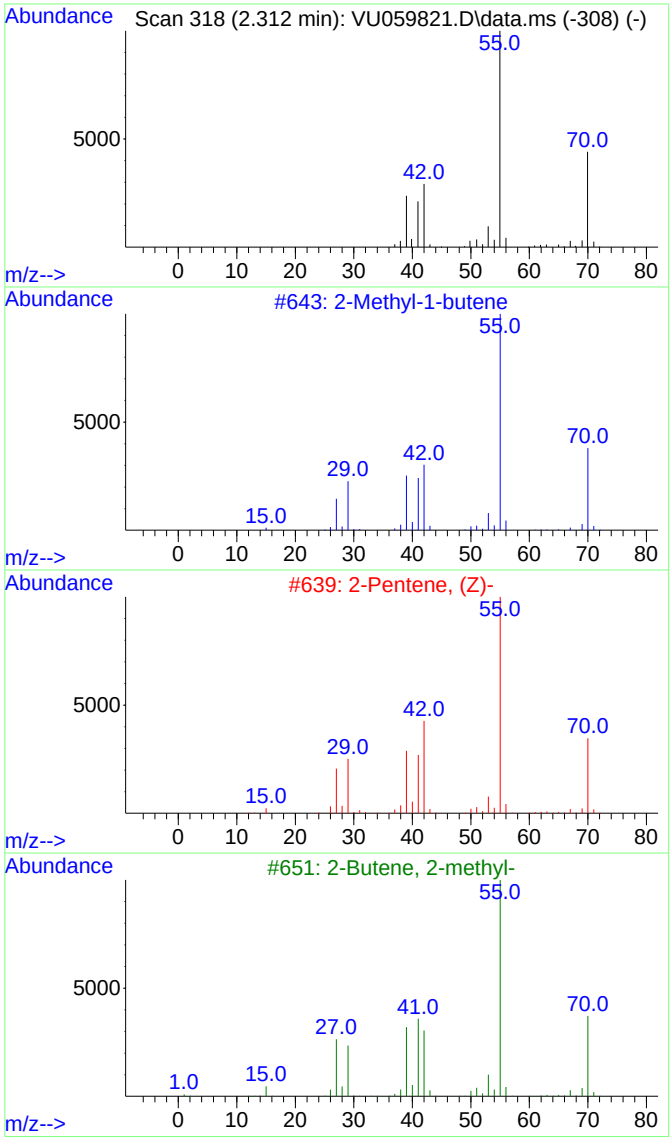
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

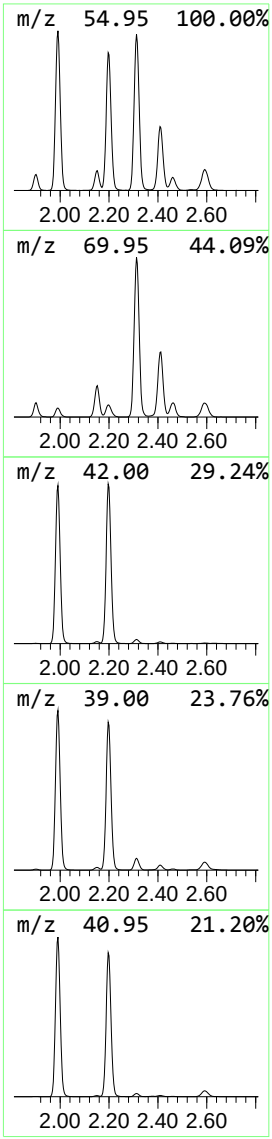
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.312	7.92 ug/L	735758	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
4	2-Pentene	70	C5H10	000109-68-2	91
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

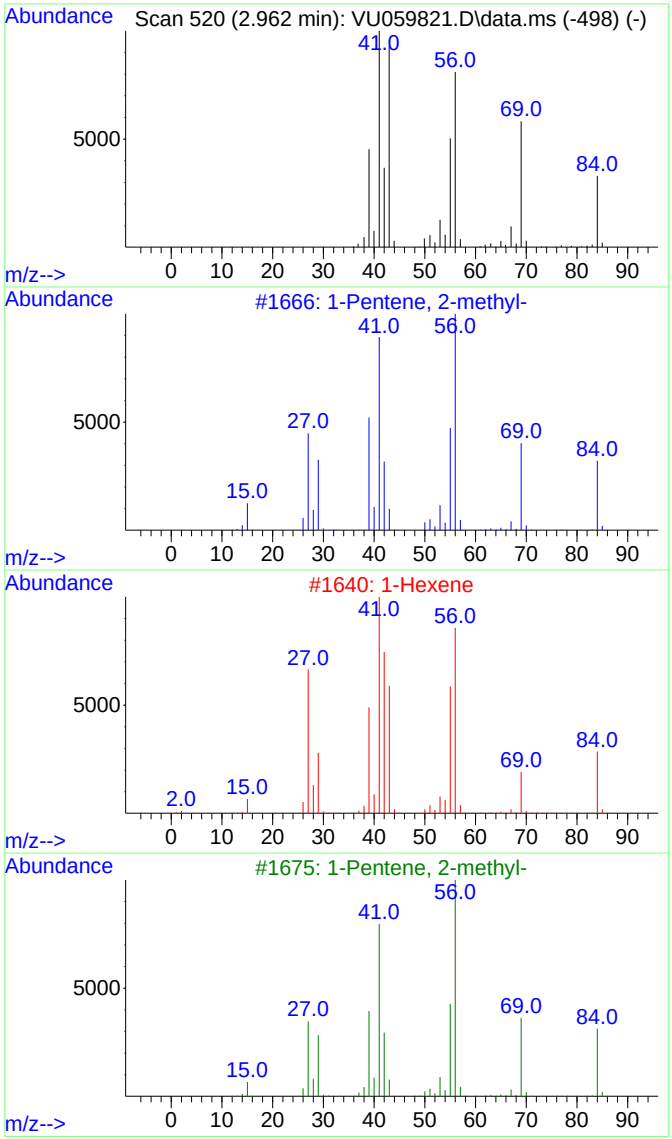
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

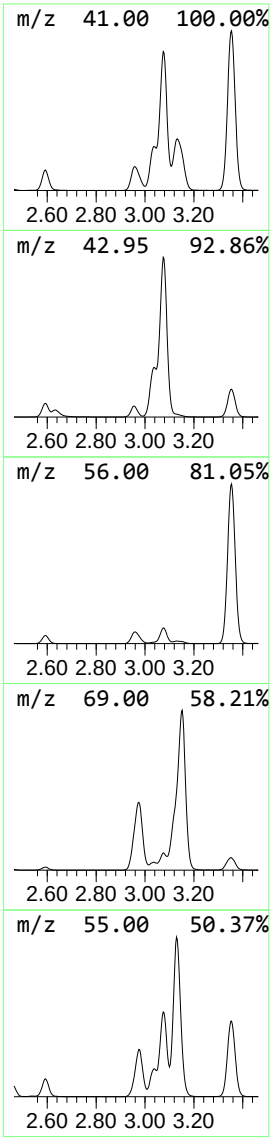
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.962	15.00 ug/L	1393440	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2	1-Hexene	84	C6H12	000592-41-6	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	Cyclopentanone	84	C5H8O	000120-92-3	47
5	1-Hexene	84	C6H12	000592-41-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

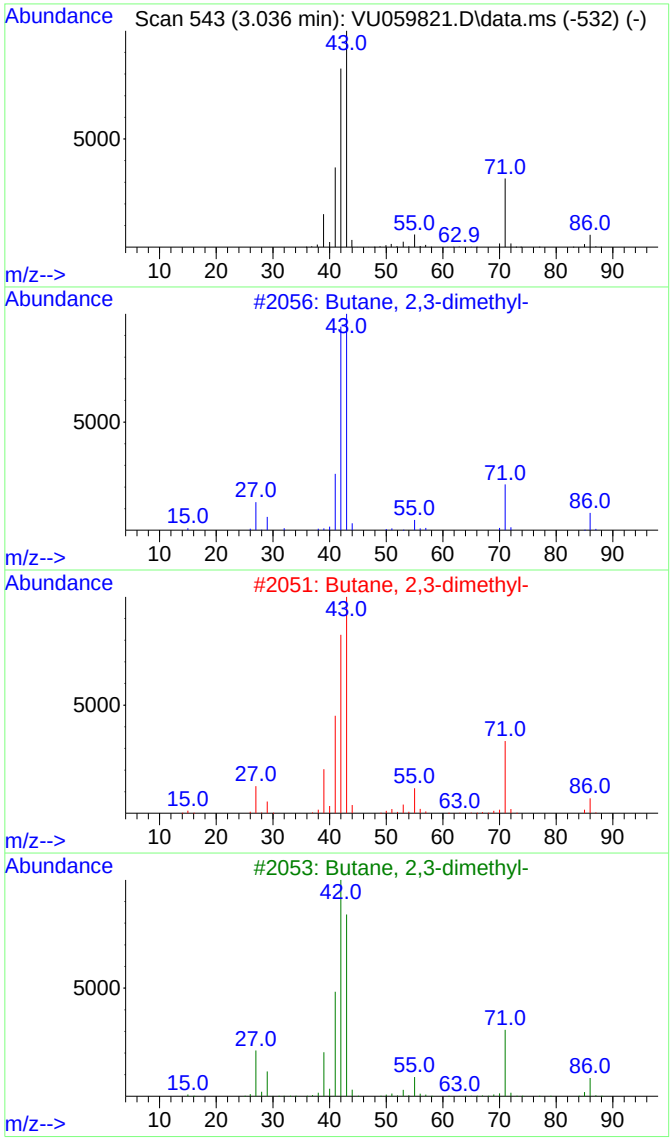
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

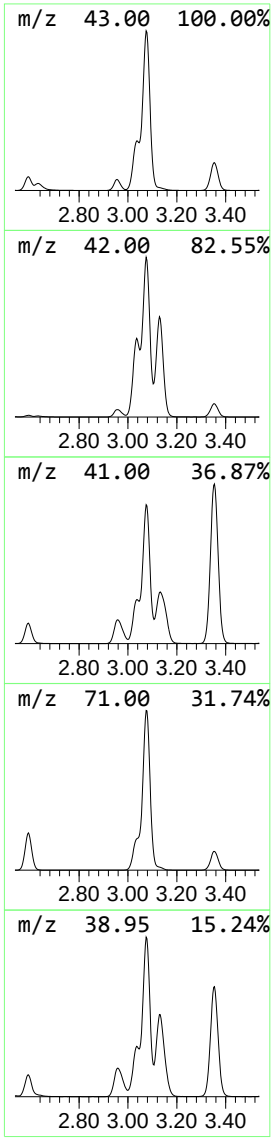
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.036	25.58 ug/L	2377070	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

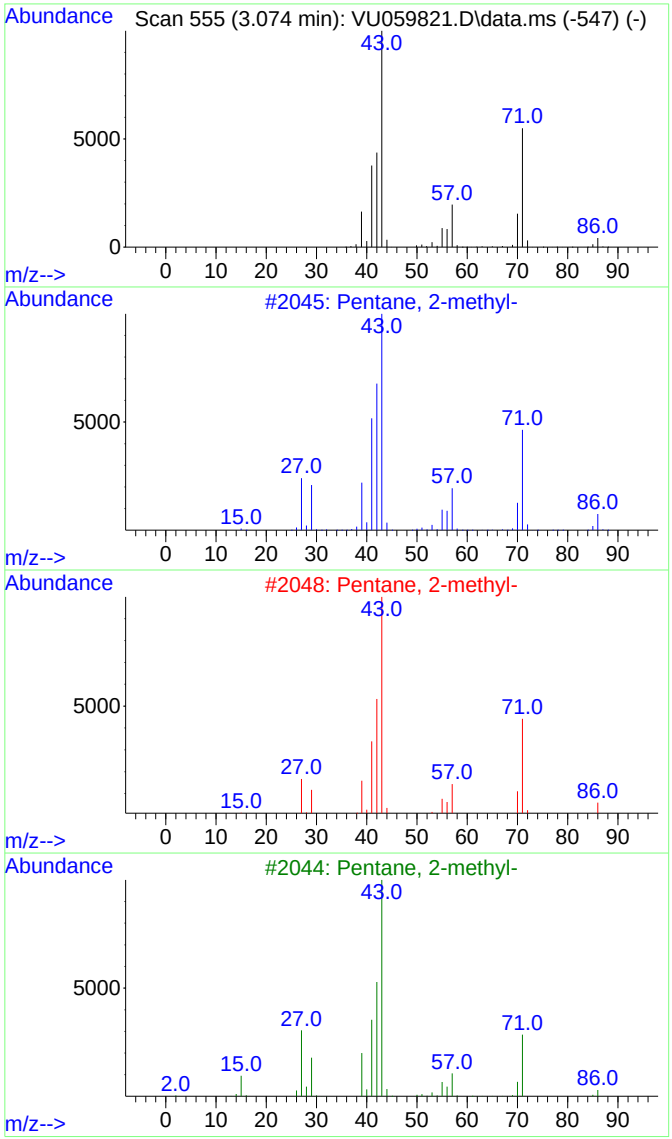
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

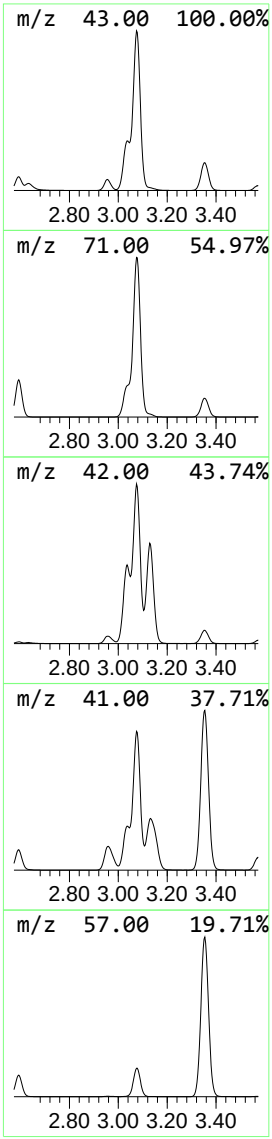
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.074	100.41 ug/L	9329390	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	94
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

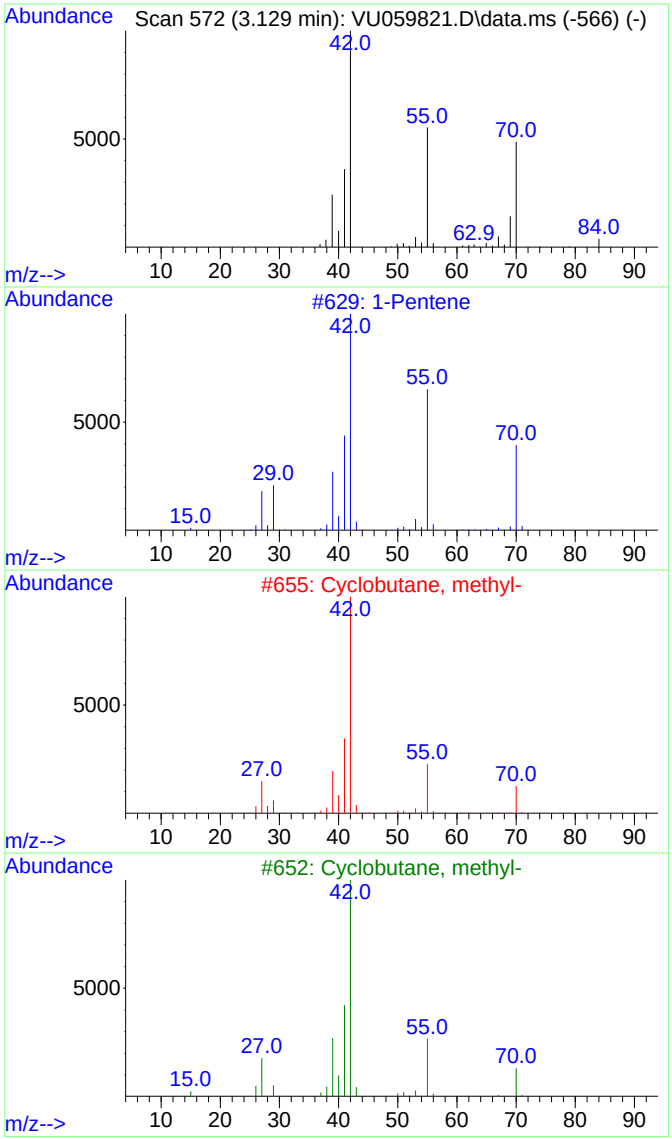
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

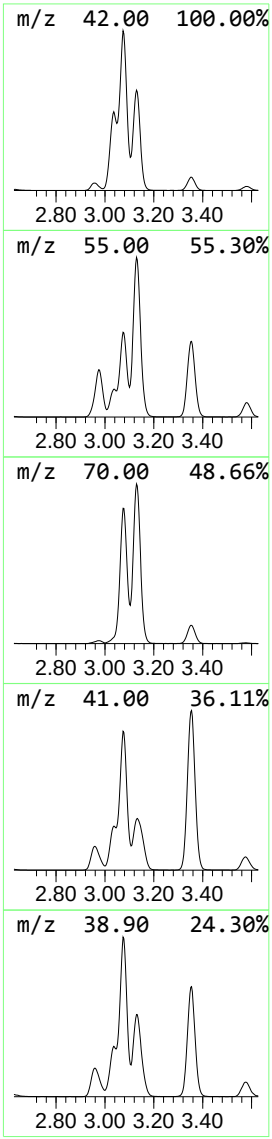
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.129	38.85 ug/L	3609670	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	1-Pentene	70	C5H10	000109-67-1	50
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	36





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

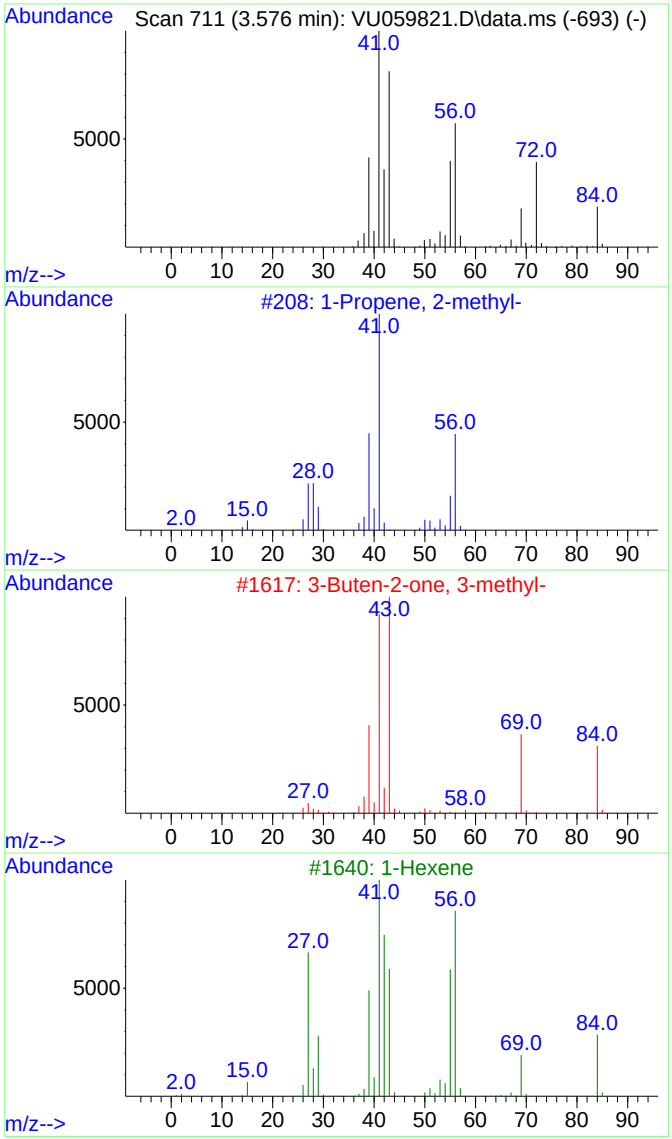
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

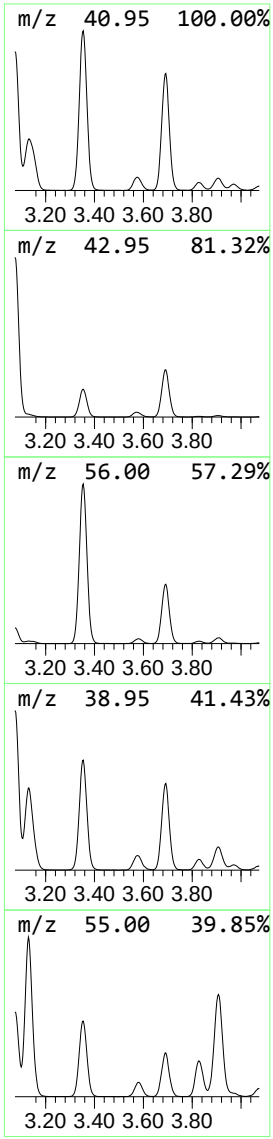
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.576	6.63 ug/L	615563	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	43
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	43
3	1-Hexene	84	C6H12	000592-41-6	43
4	2-Butene, (E)-	56	C4H8	000624-64-6	43
5	2-Butene	56	C4H8	000107-01-7	43





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

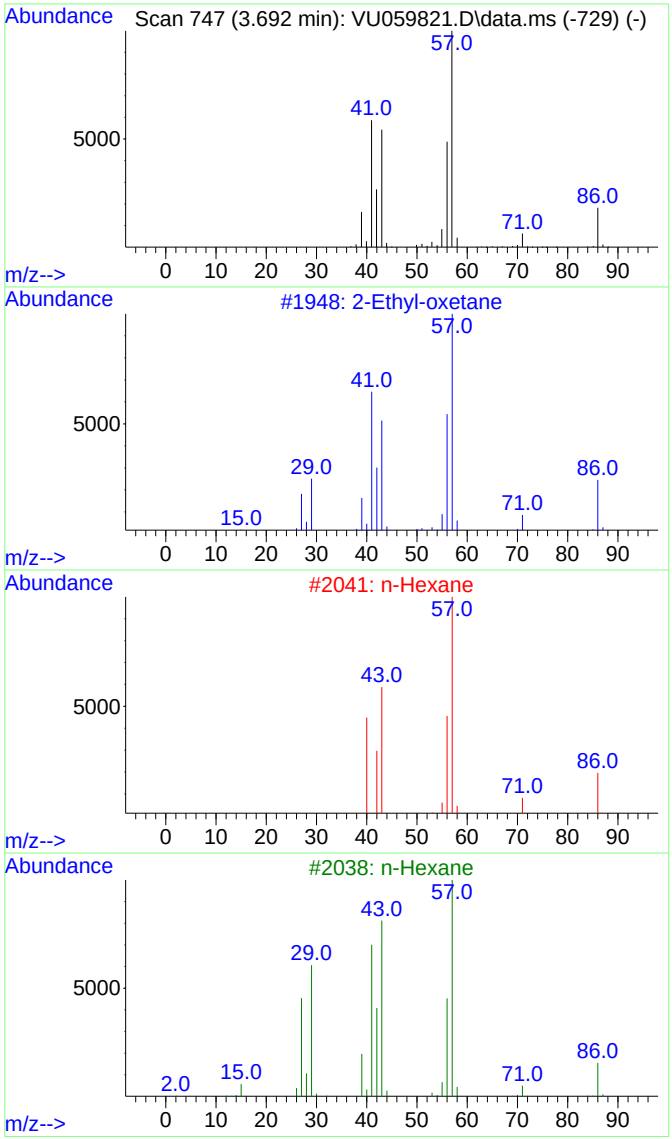
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

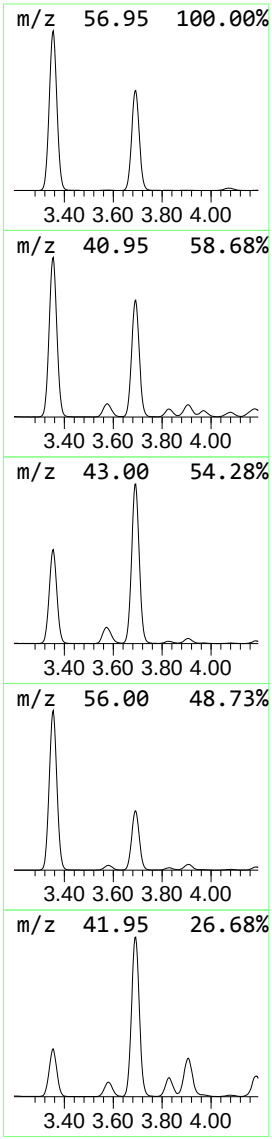
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Ethyl-oxetane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.692	64.75 ug/L	6016430	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
2	n-Hexane	86	C6H14	000110-54-3	87
3	n-Hexane	86	C6H14	000110-54-3	83
4	n-Hexane	86	C6H14	000110-54-3	83
5	n-Hexane	86	C6H14	000110-54-3	83





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

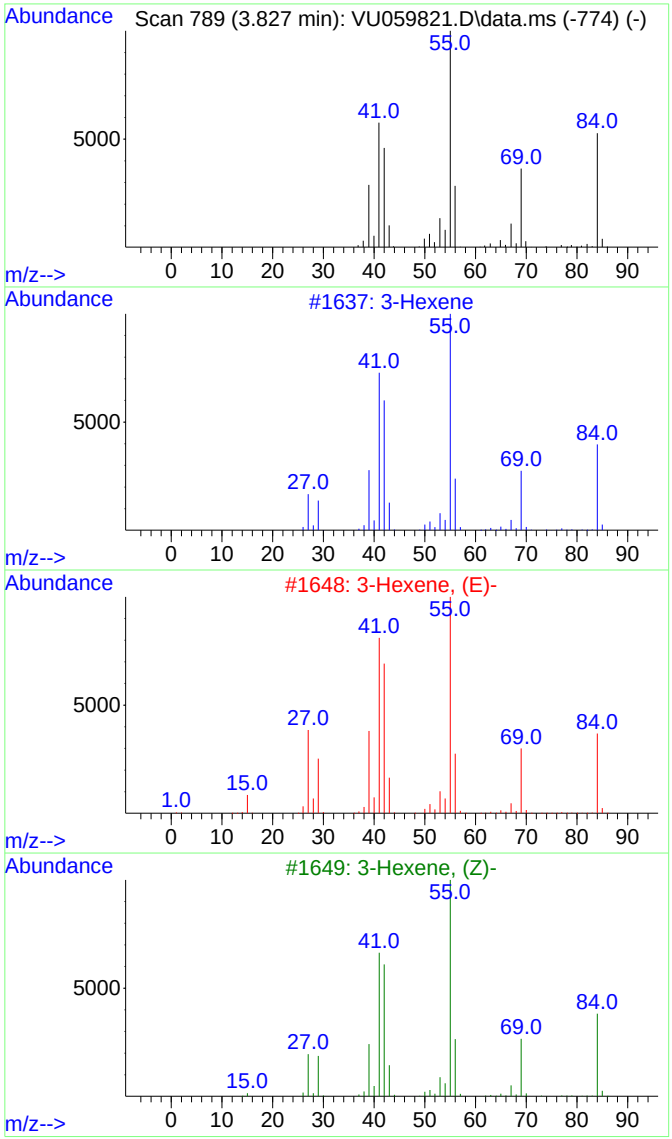
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

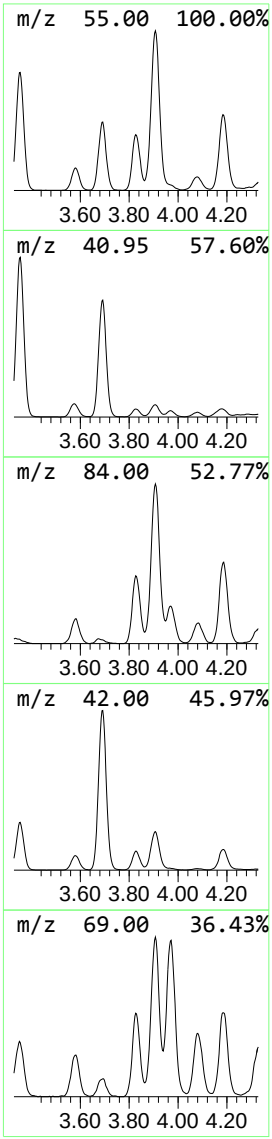
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.827	5.47 ug/L	508271	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene	84	C6H12	000592-47-2	91
2	3-Hexene, (E)-	84	C6H12	013269-52-8	91
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
4	3-Hexene, (E)-	84	C6H12	013269-52-8	91
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

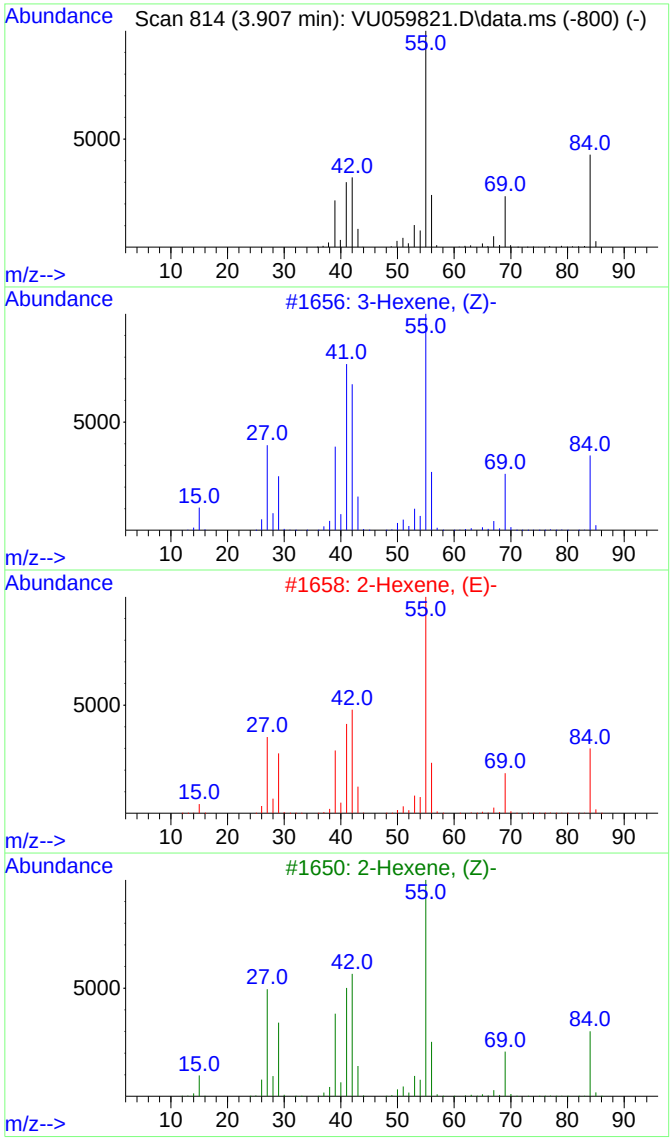
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

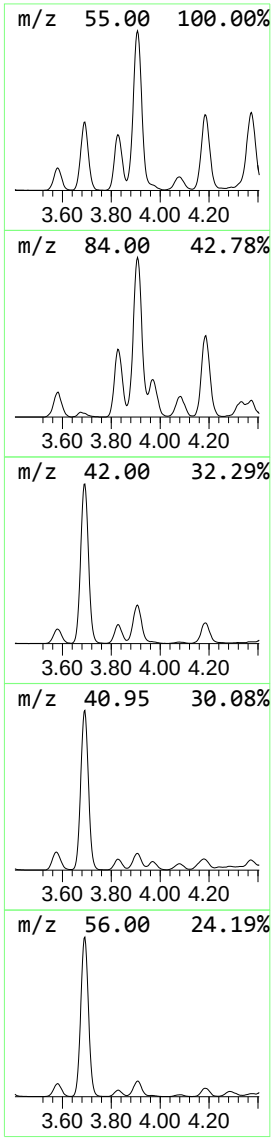
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.907	11.44 ug/L	1062580	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
2	2-Hexene, (E)-	84	C6H12	004050-45-7	91
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5	2-Hexene	84	C6H12	000592-43-8	91





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Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

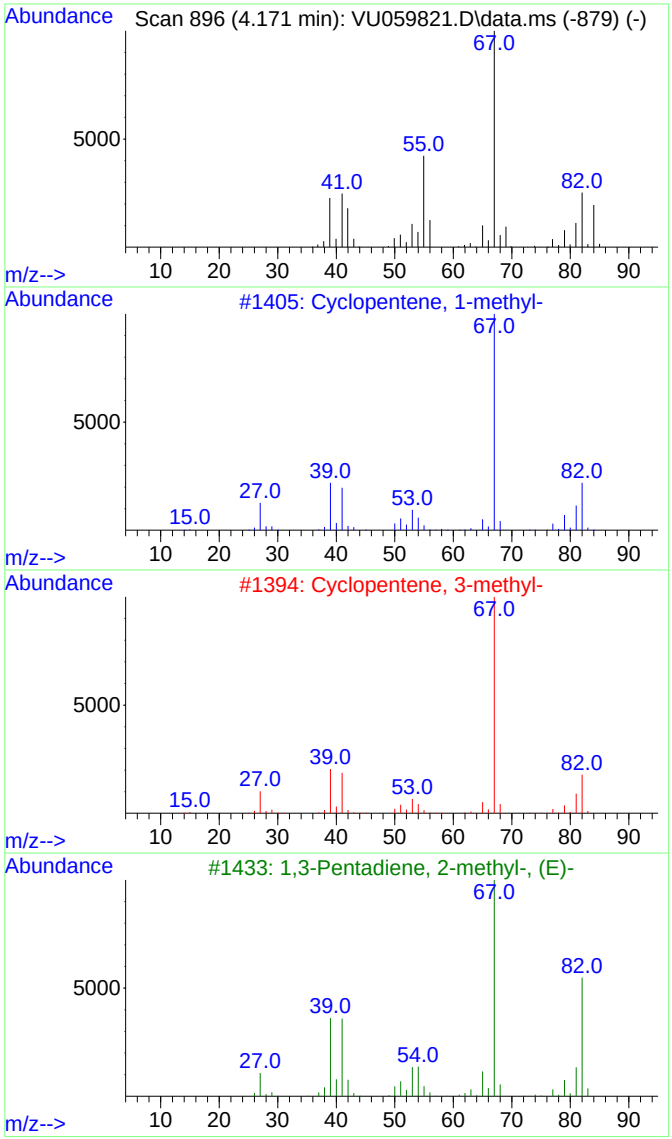
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

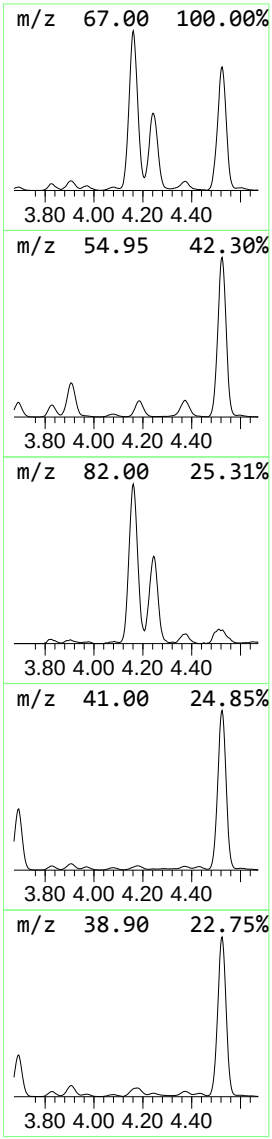
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopentene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.171	13.54 ug/L	1258100	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	70
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	70
3	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	70
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	64
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	64





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

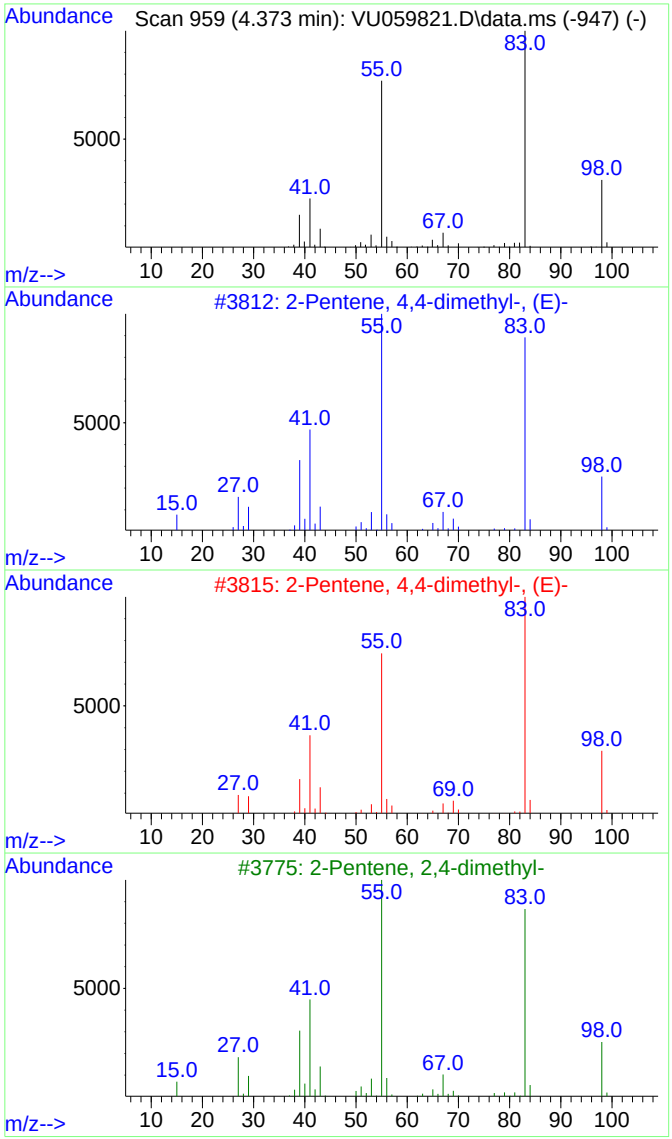
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

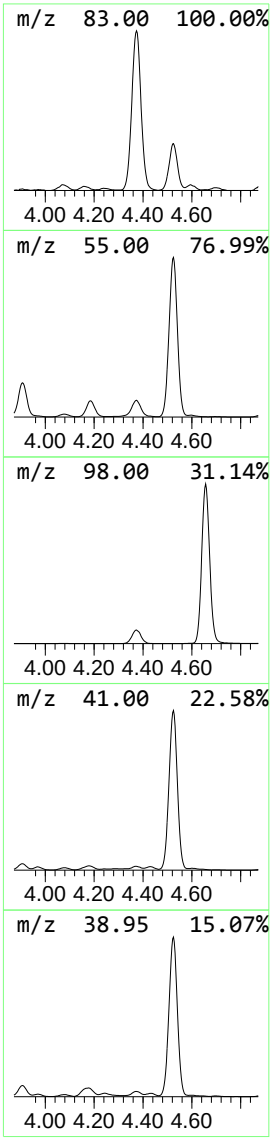
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.373	6.02 ug/L	558871	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	90
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	83
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	78
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

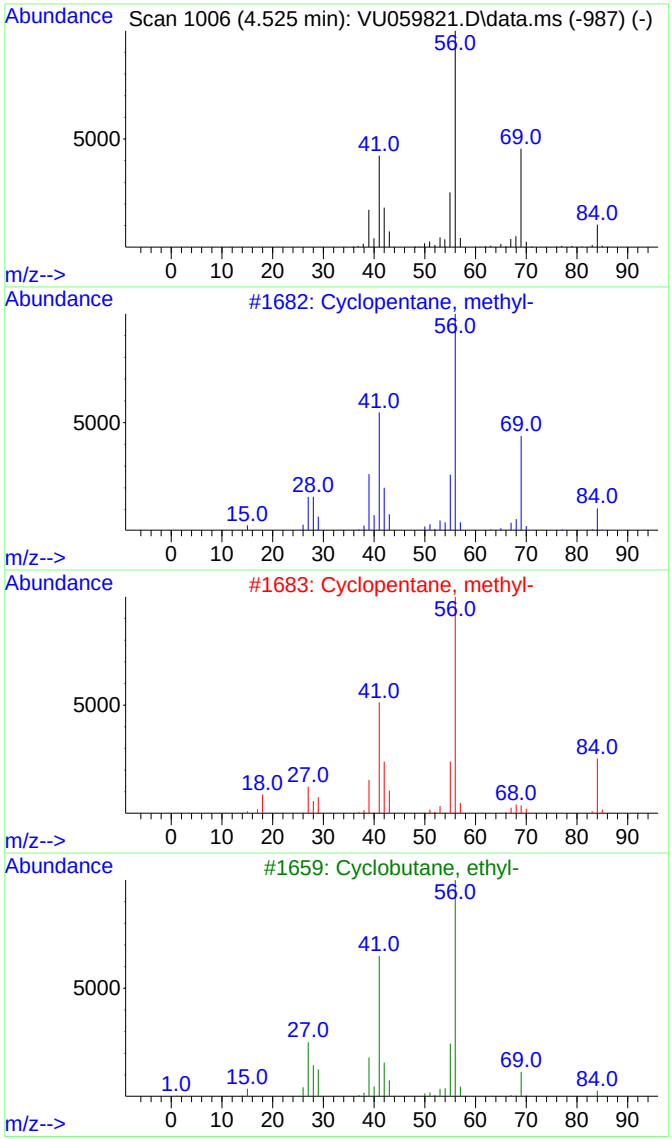
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

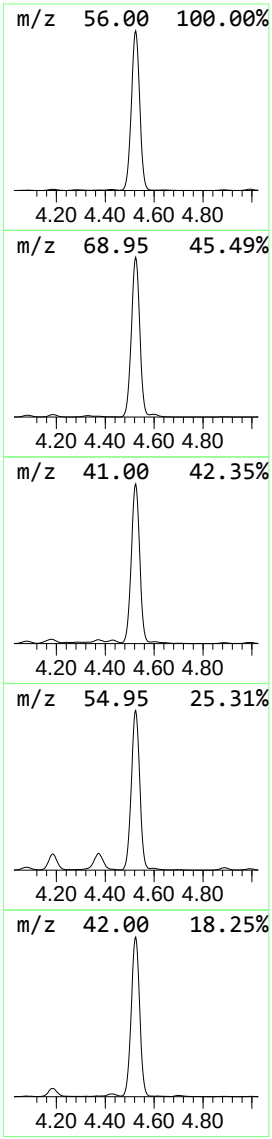
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic4.525 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.525	216.40 ug/L	20105900	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	78





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

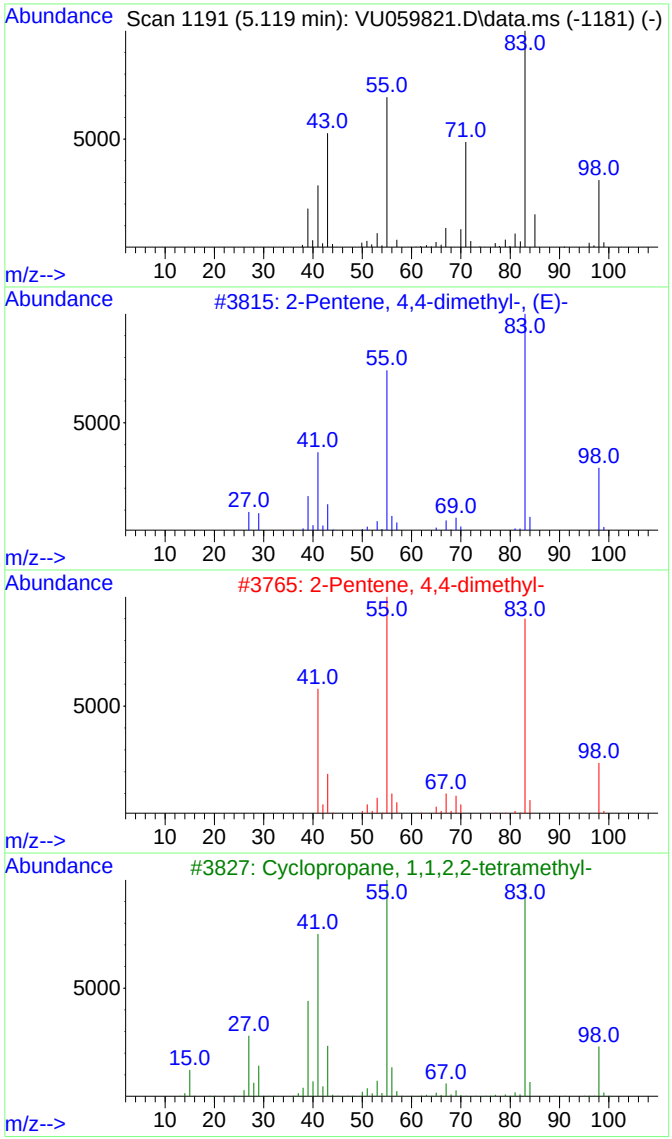
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

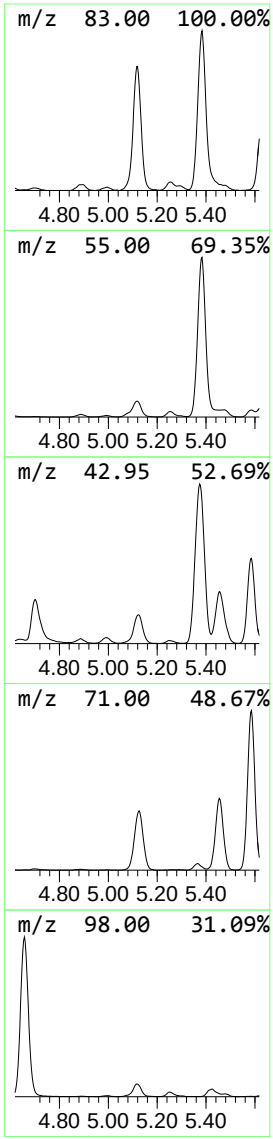
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.119	11.25 ug/L	1045070	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	52
2	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	50
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	50
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	50
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	50





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

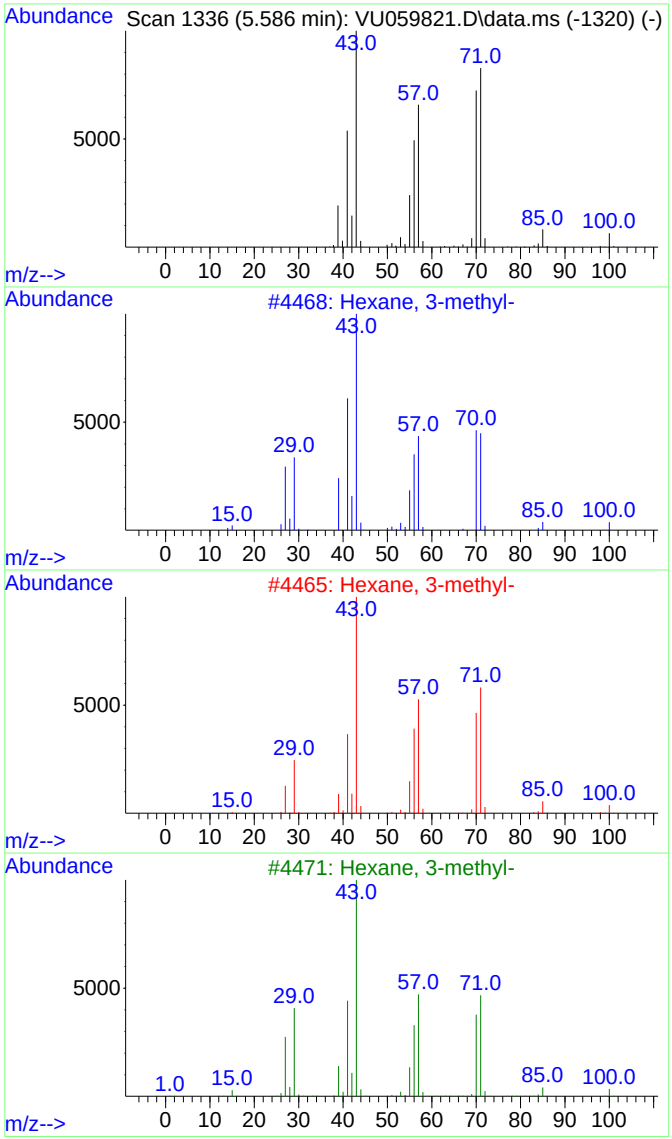
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

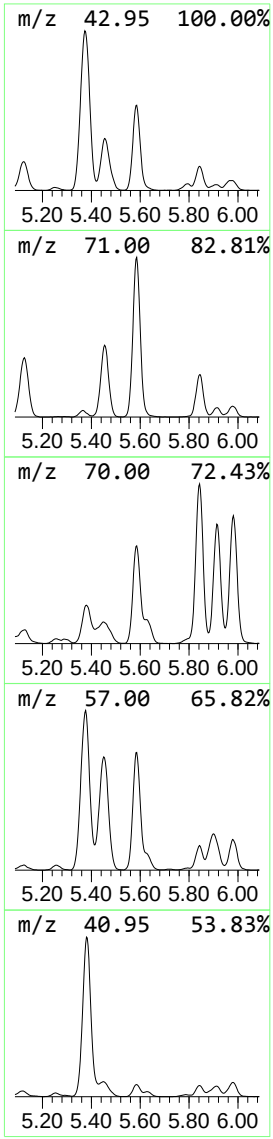
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.586	14.90 ug/L	1384070	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

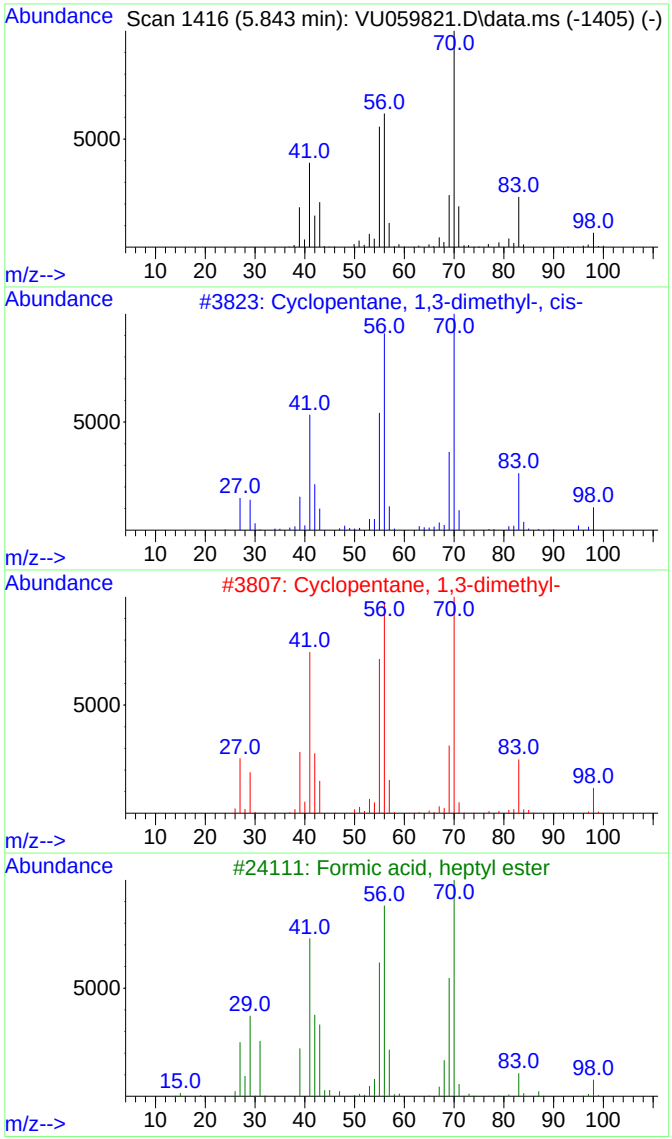
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

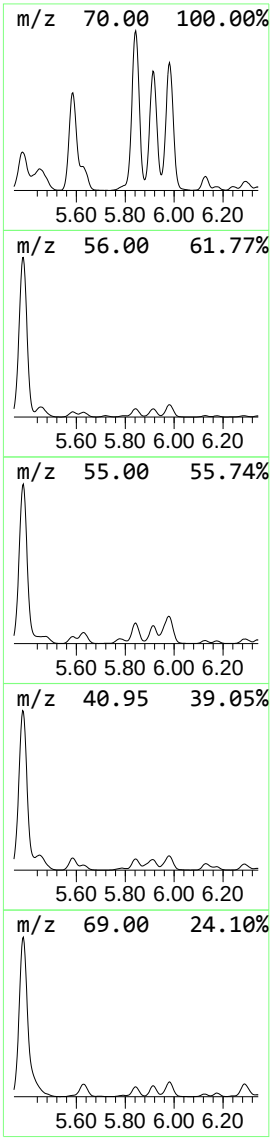
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic5.843 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.843	13.01 ug/L	1208320	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	78
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
3	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	59
4	Isopropylcyclobutane	98	C7H14	000872-56-0	59
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

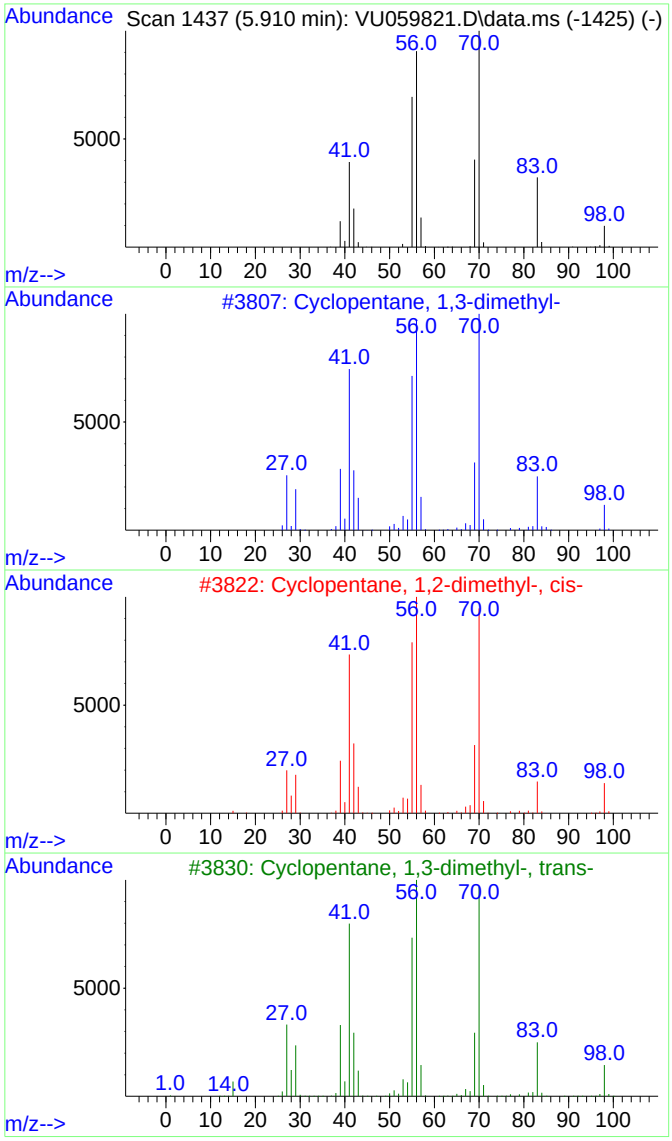
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

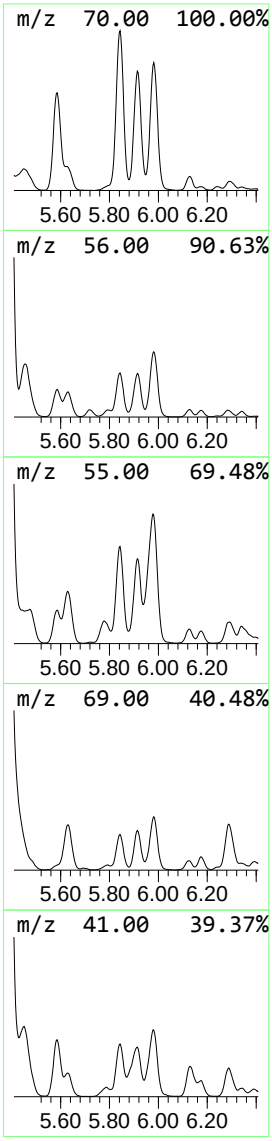
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic5.910 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.910	16.91 ug/L	1570740	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86
4	Cycloheptane	98	C7H14	000291-64-5	86
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

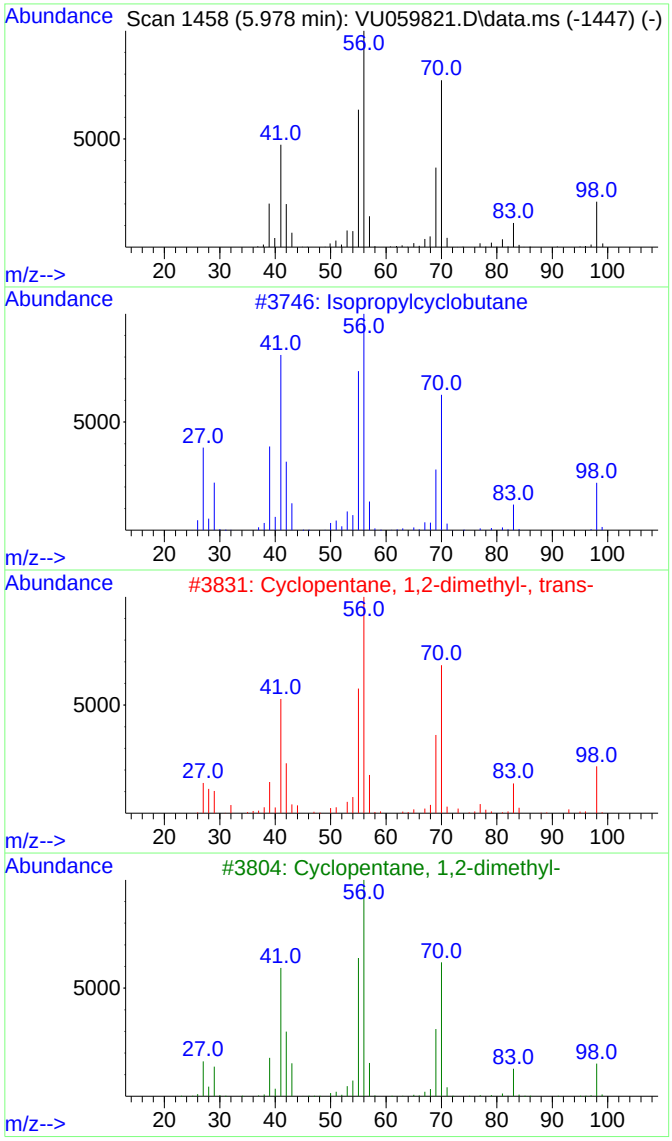
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

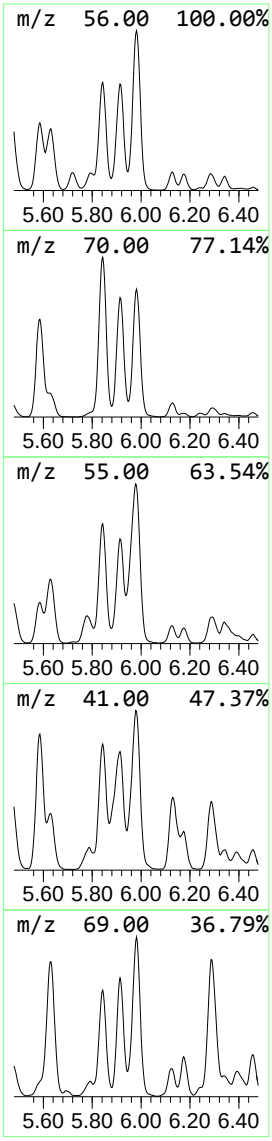
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic5.978 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.978	20.67 ug/L	1920270	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

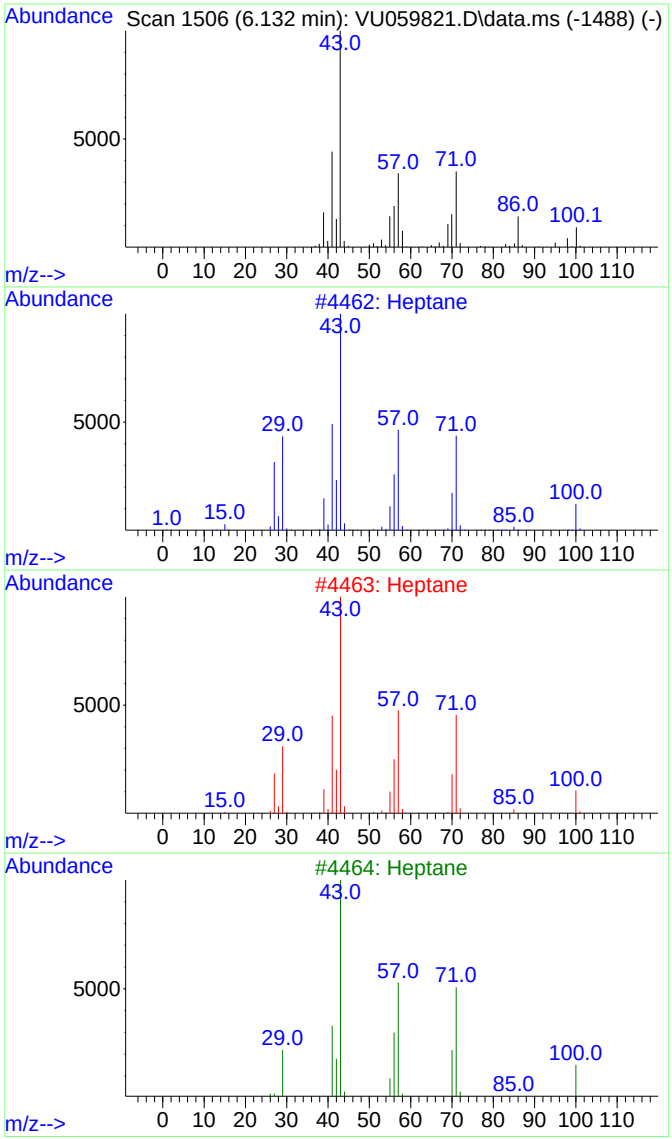
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

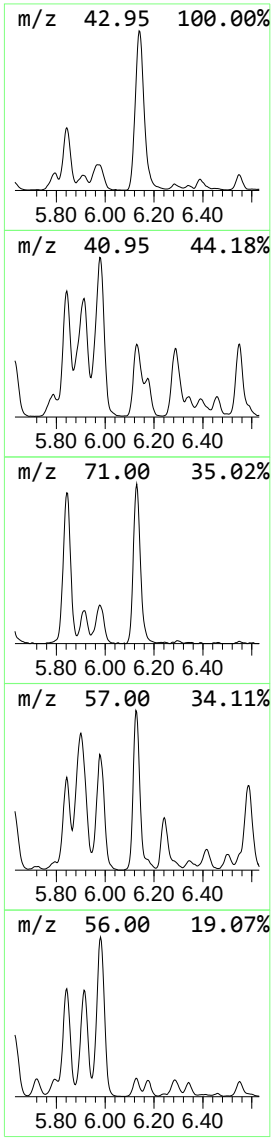
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.132	9.23 ug/L	857166	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	52
2	Heptane	100	C7H16	000142-82-5	52
3	Heptane	100	C7H16	000142-82-5	52
4	Heptane	100	C7H16	000142-82-5	50
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

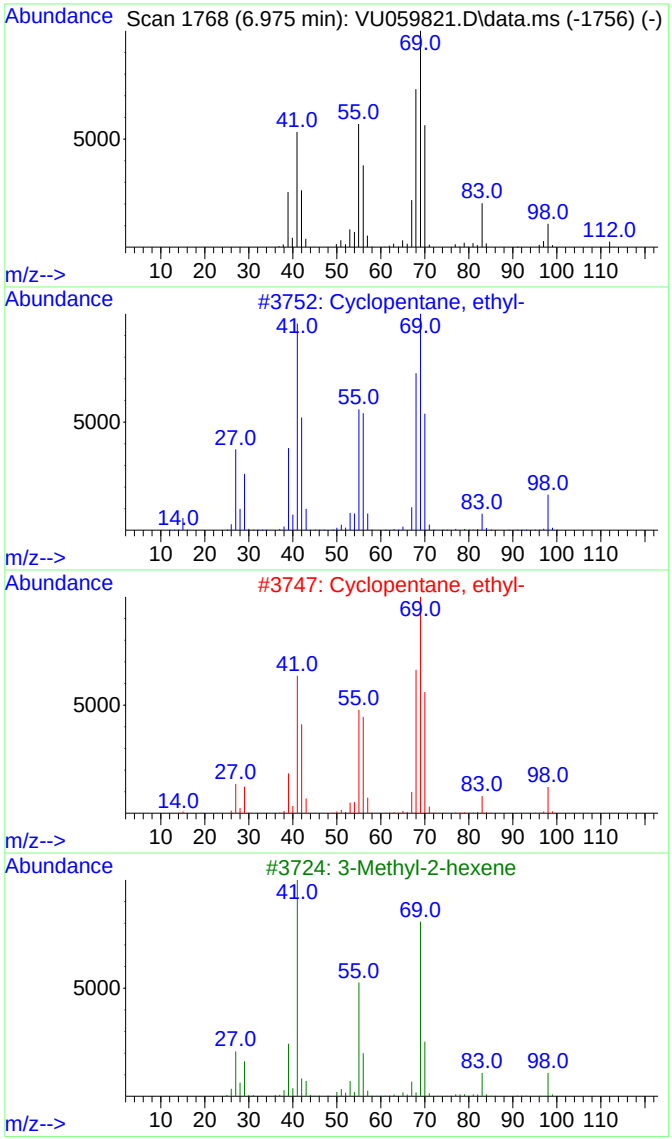
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

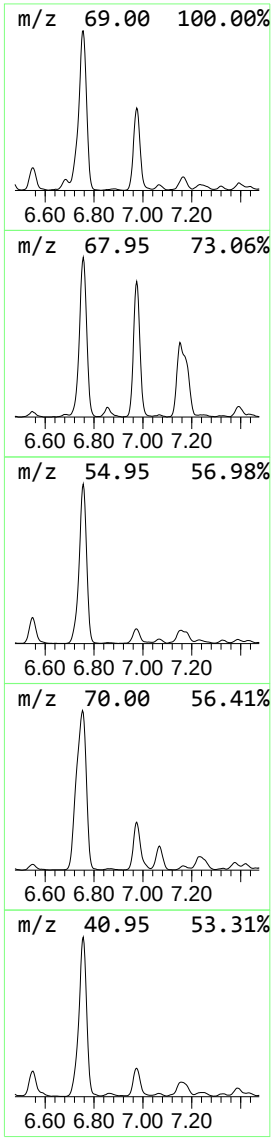
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic6.975 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	7.70 ug/L	715626	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	87
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	83
3	3-Methyl-2-hexene	98	C7H14	017618-77-8	46
4	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	43
5	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

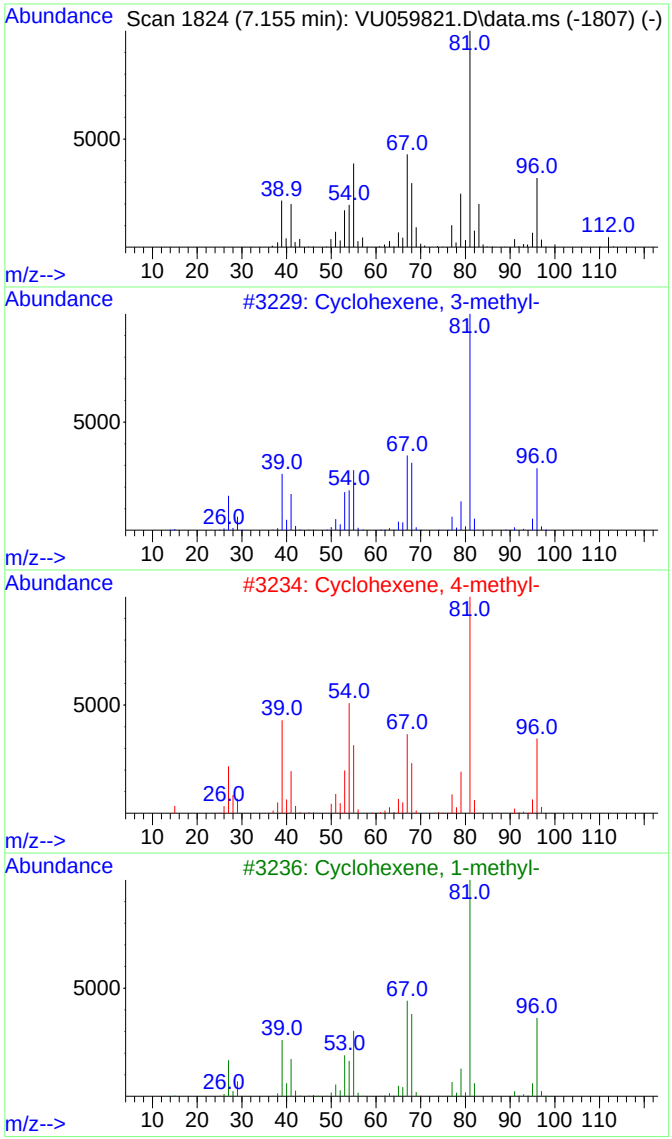
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

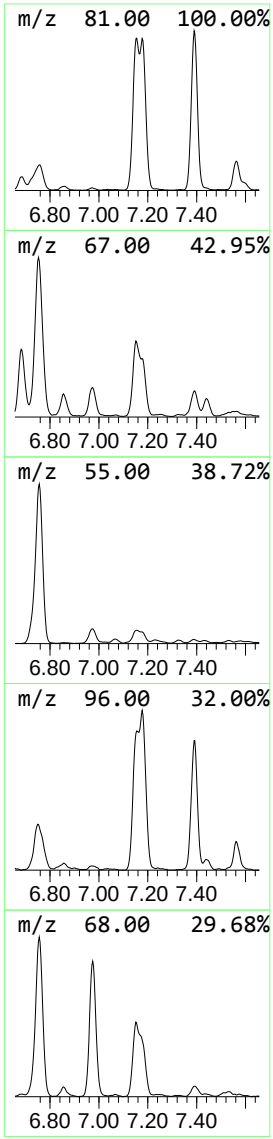
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.155	9.36 ug/L	870028	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	76
5	2-Heptyne	96	C7H12	001119-65-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

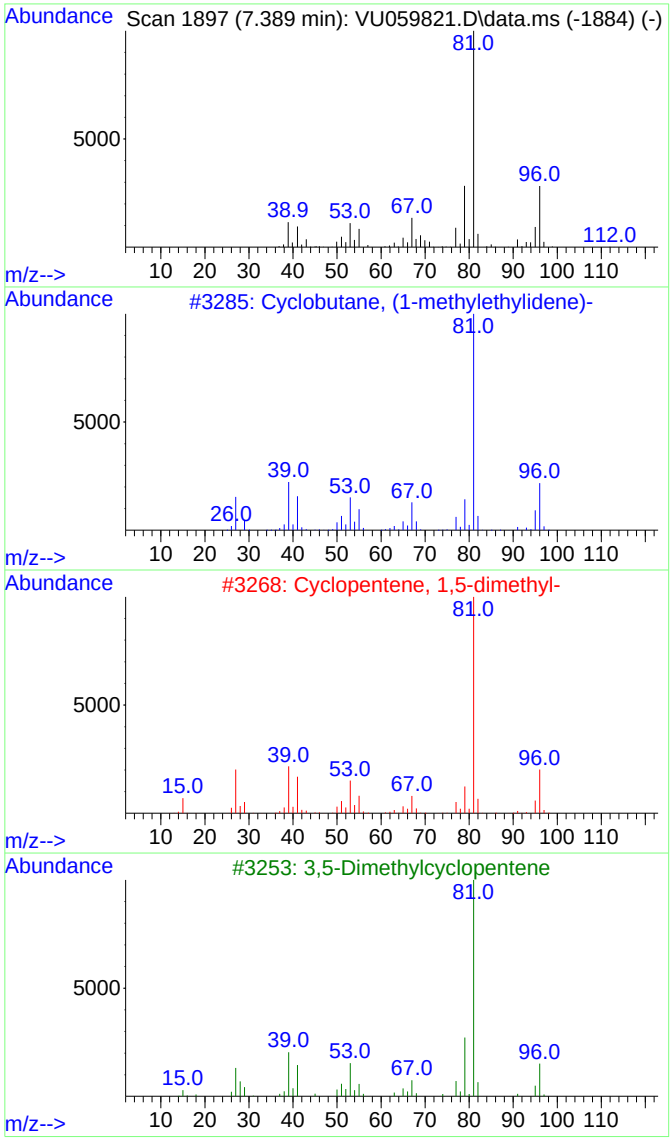
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

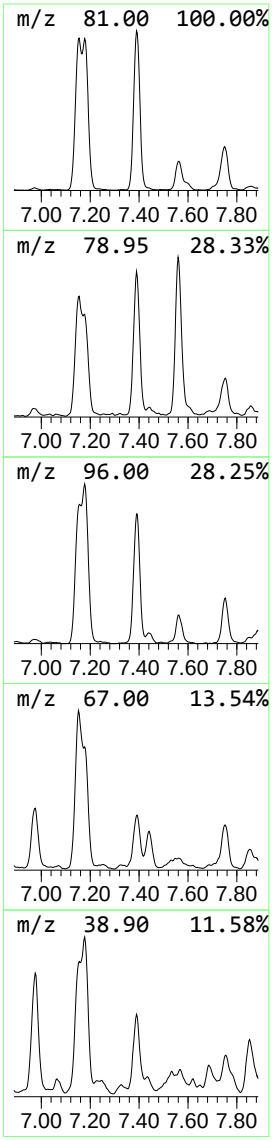
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclobutane, (1-methylethyl... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.389	6.26 ug/L	581797	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	72
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
5	(S)-2,5-Dimethyl-3-vinylhex-4-en...	154	C10H18O	035671-15-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

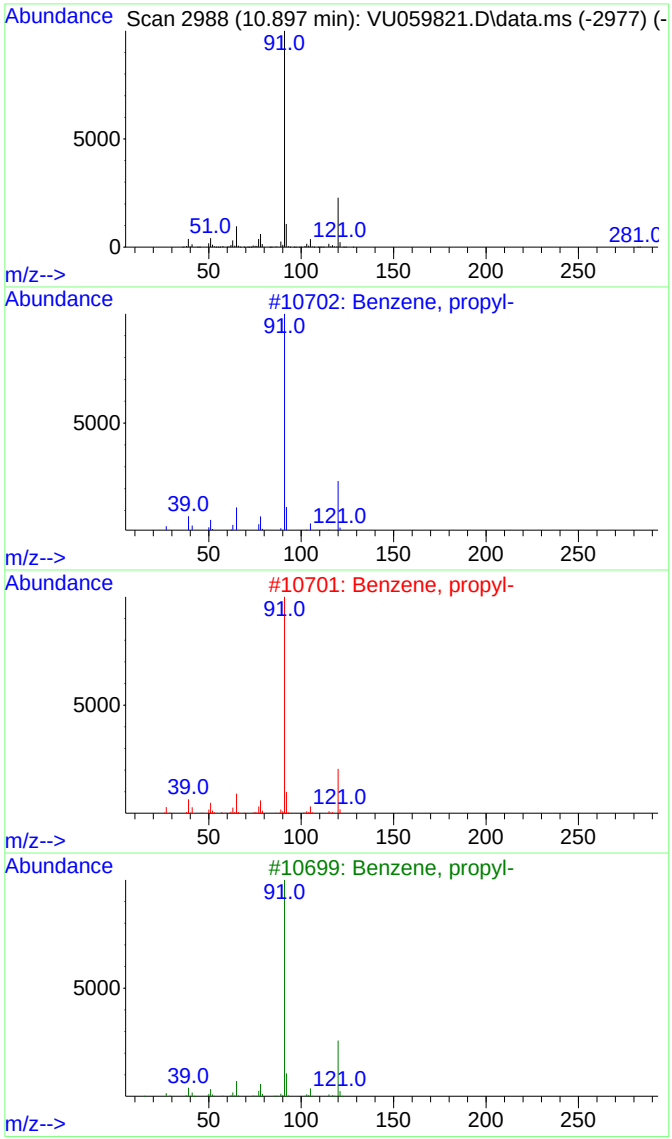
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

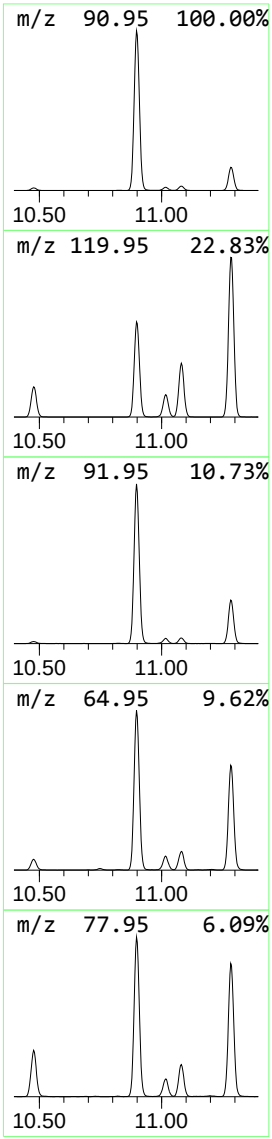
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.897	36.81 ug/L	5749470	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

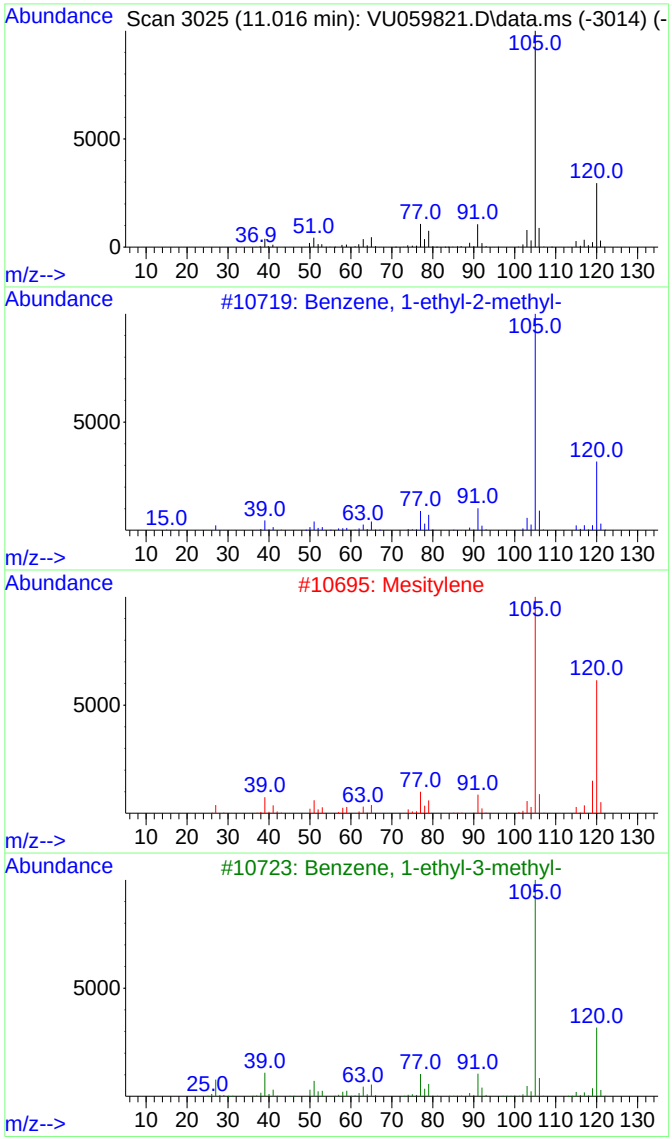
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

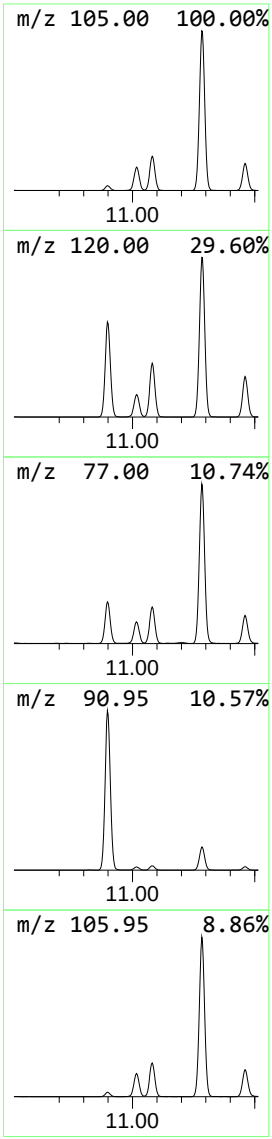
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	8.00 ug/L	1250180	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	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

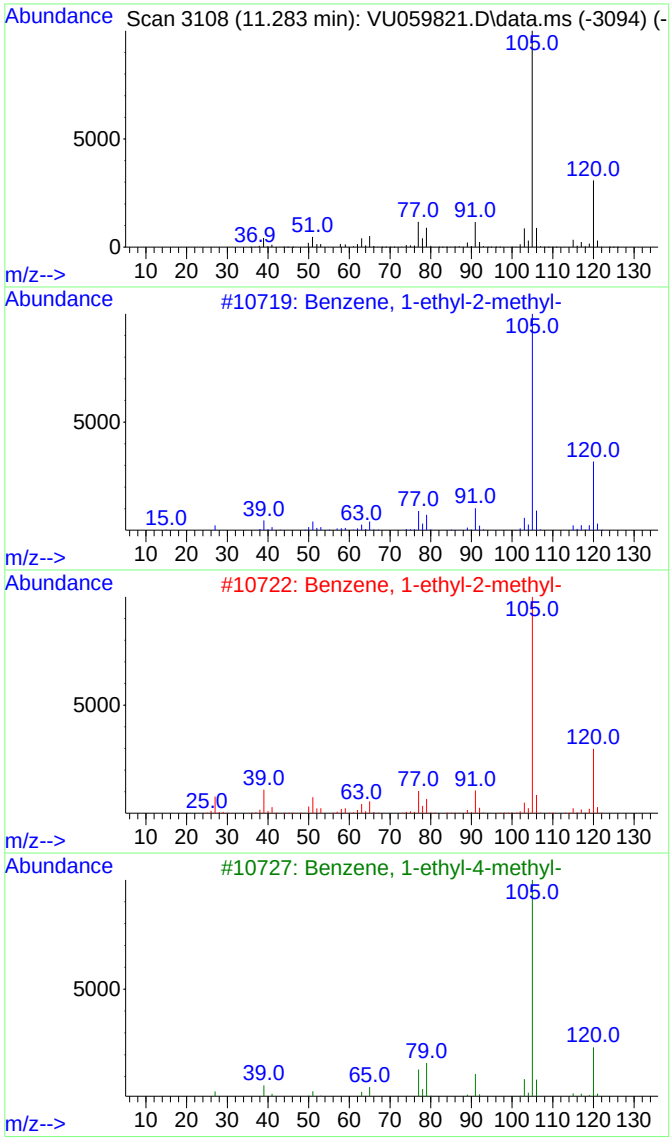
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

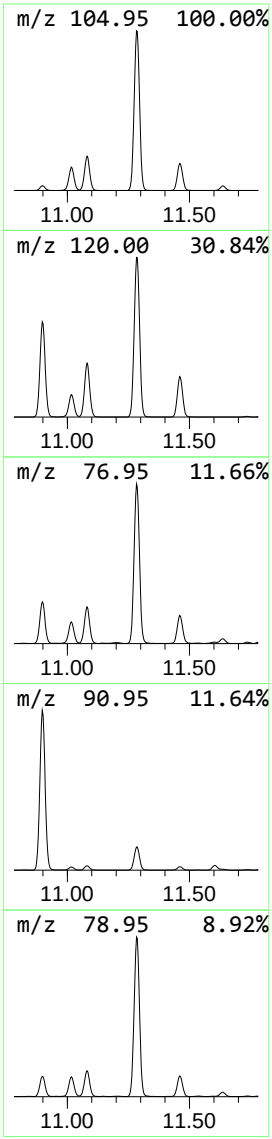
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	59.61 ug/L	9310560	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	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

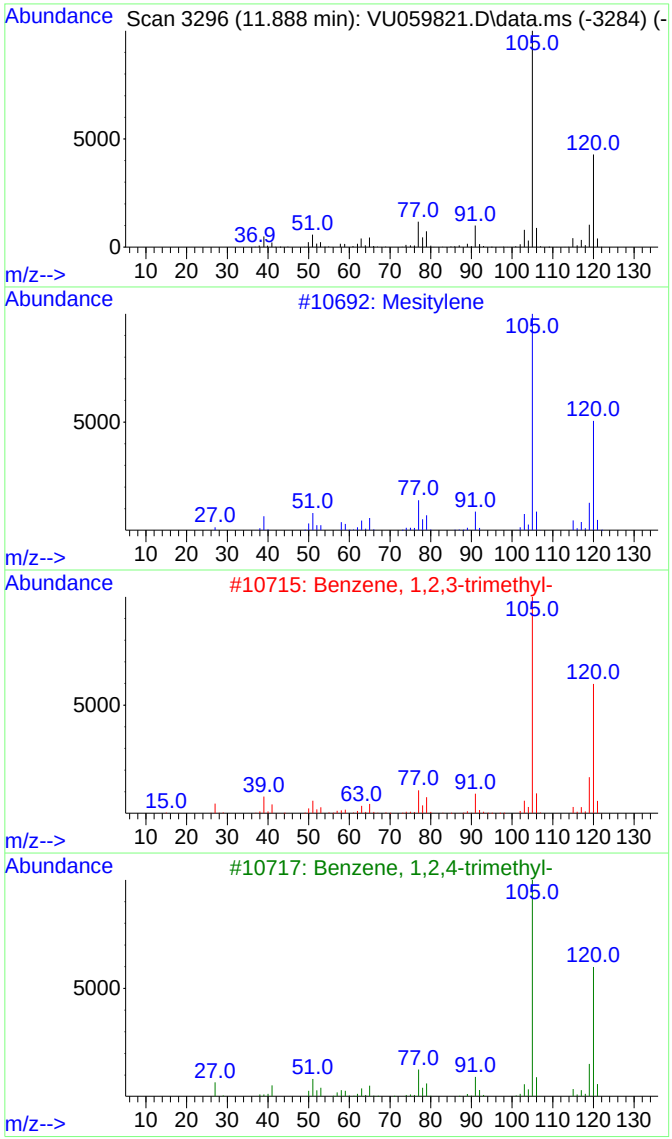
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

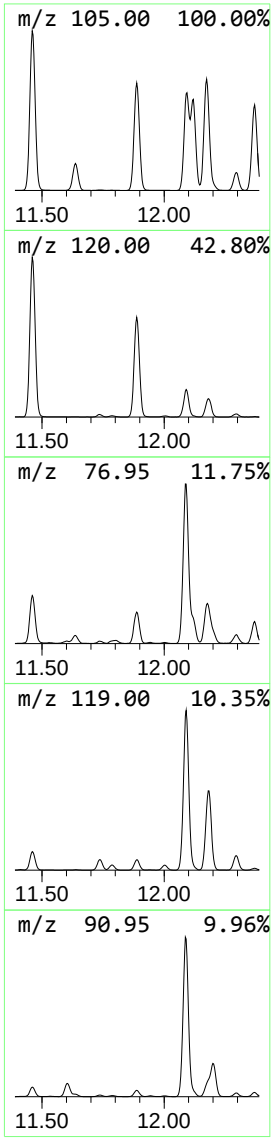
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	7.46 ug/L	1164530	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

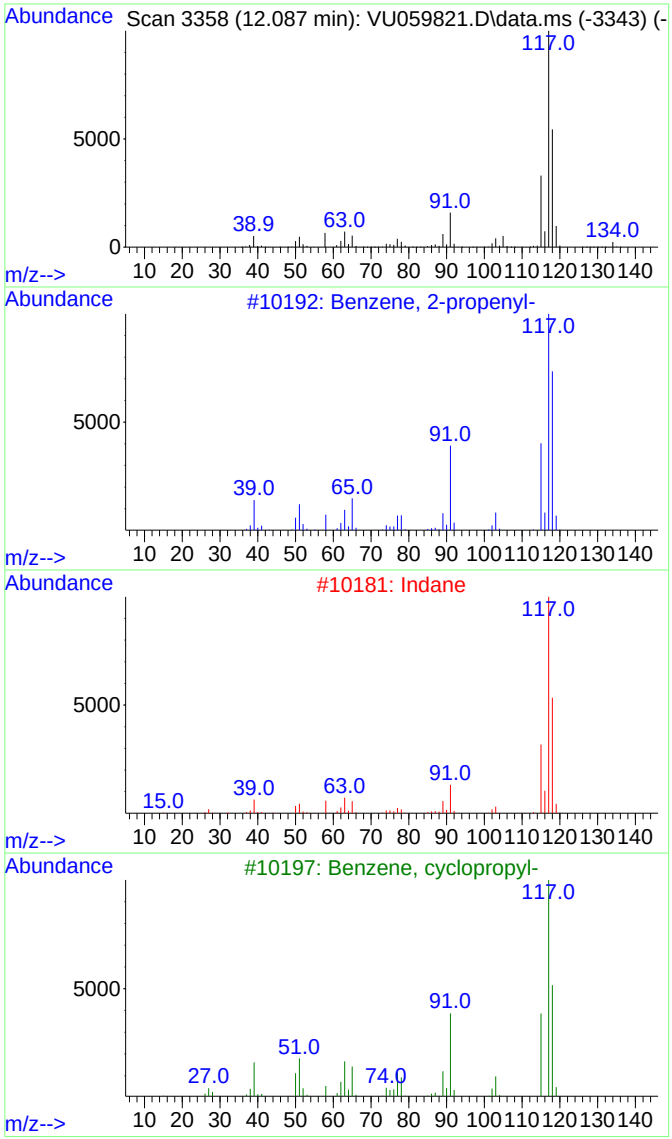
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

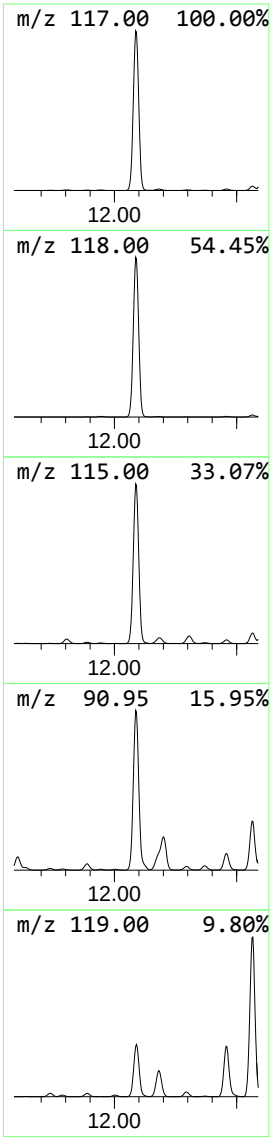
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	137.17 ug/L	21422900	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

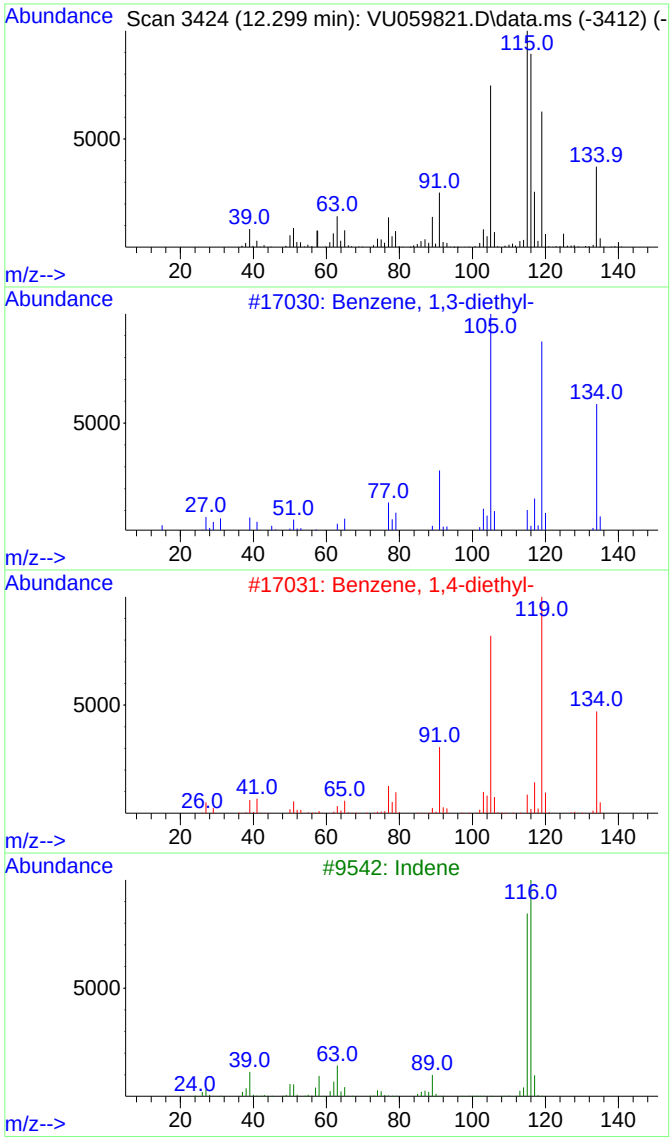
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

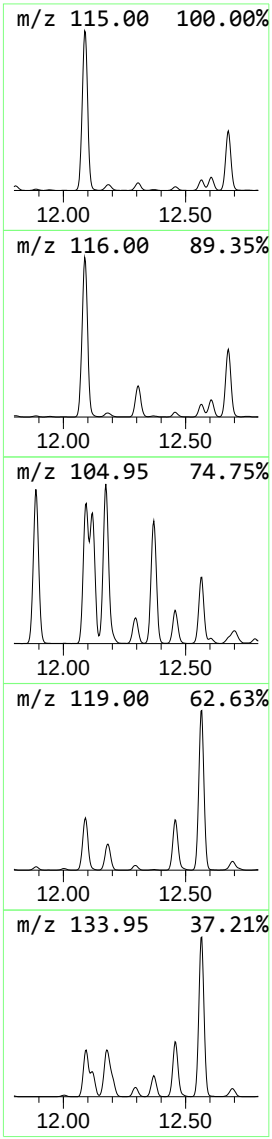
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,3-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.299	4.34 ug/L	677691	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
3	Indene	116	C9H8	000095-13-6	60
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	60
5	Indene	116	C9H8	000095-13-6	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

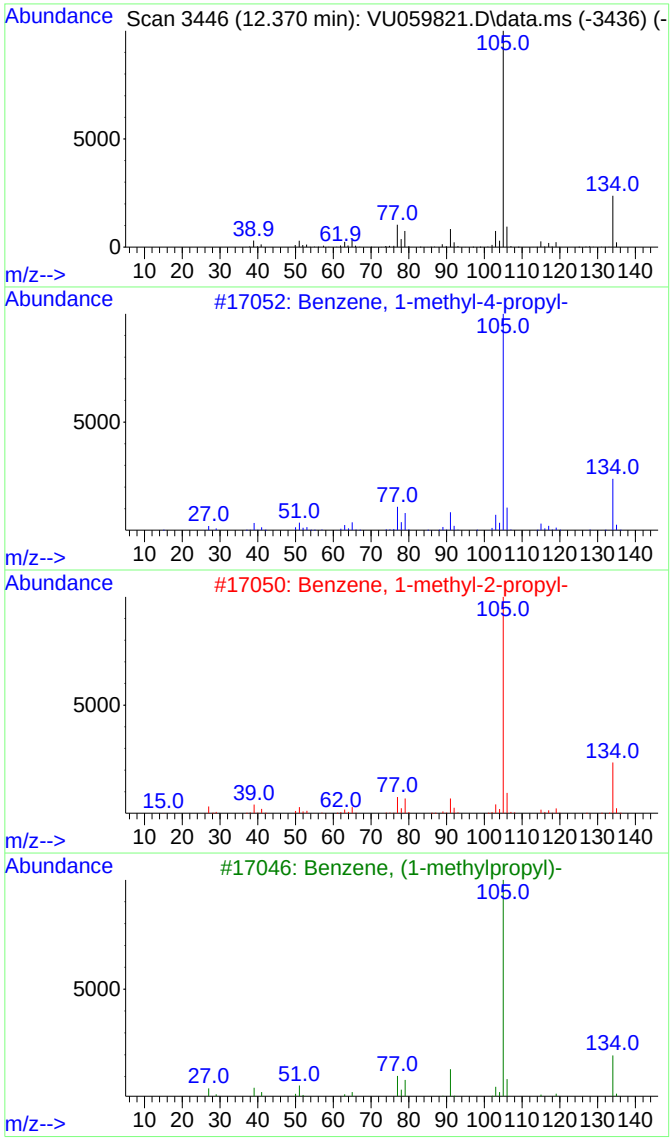
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

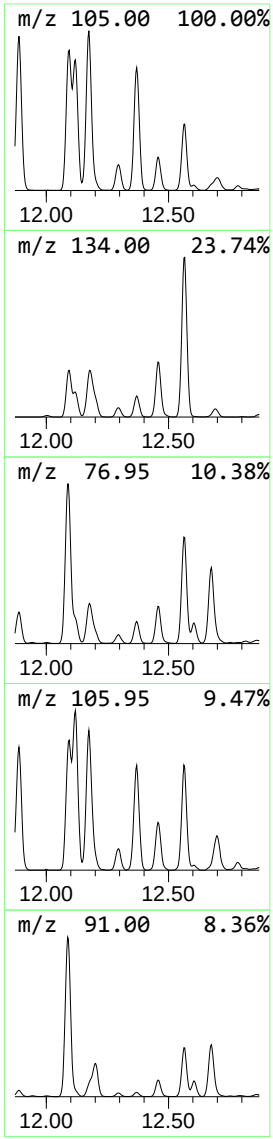
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-methyl-4-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.370	4.73 ug/L	739190	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	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	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\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

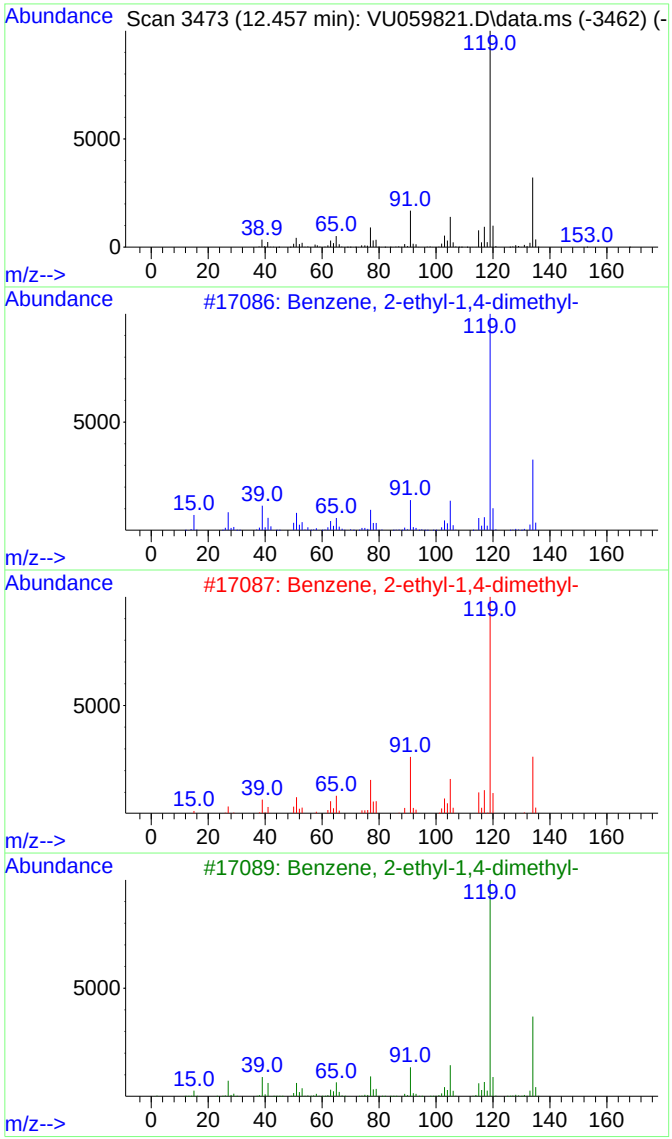
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

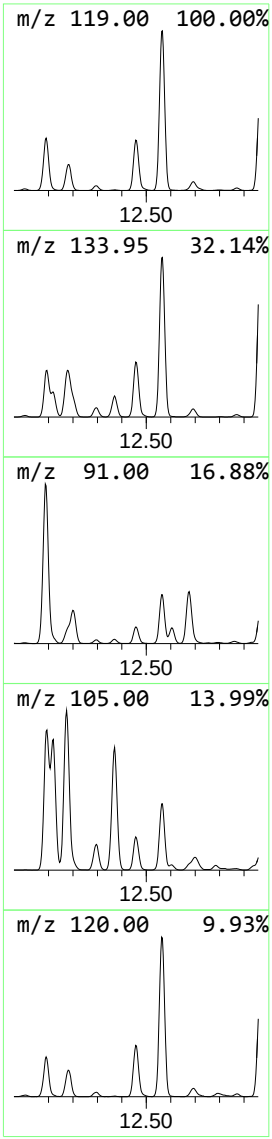
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	11.47 ug/L	1790780	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

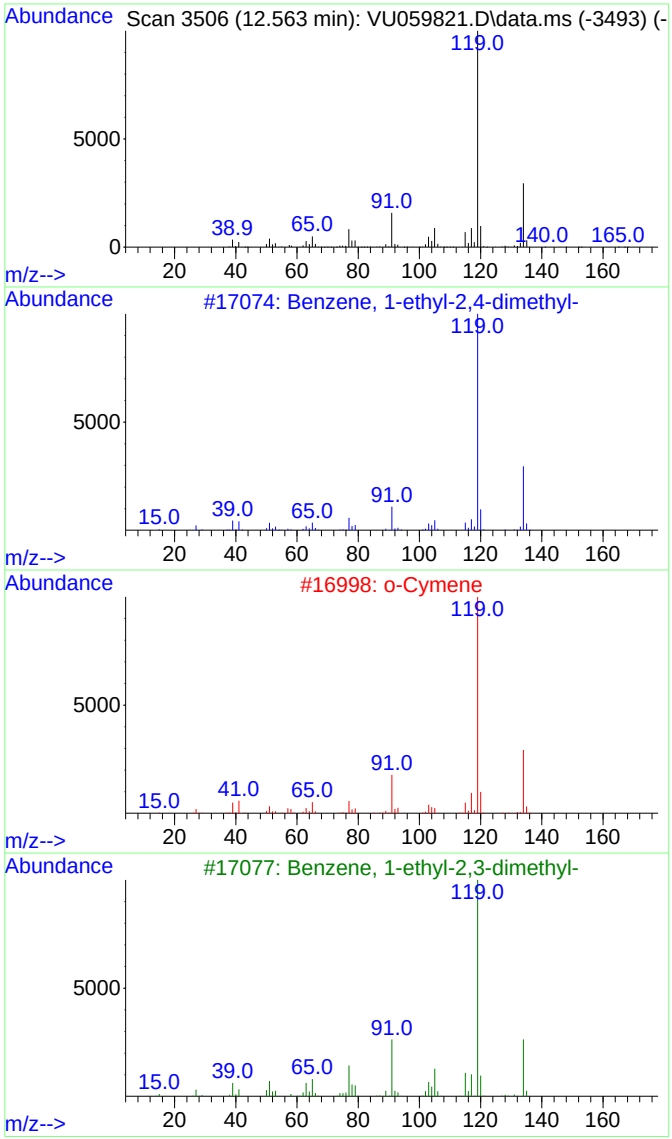
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

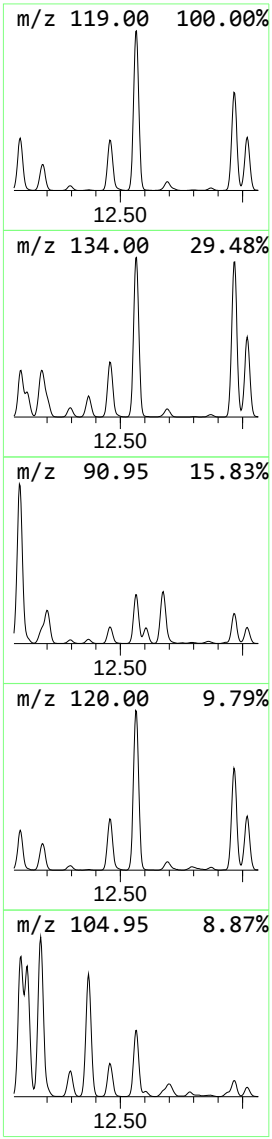
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	33.86 ug/L	5288540	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	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

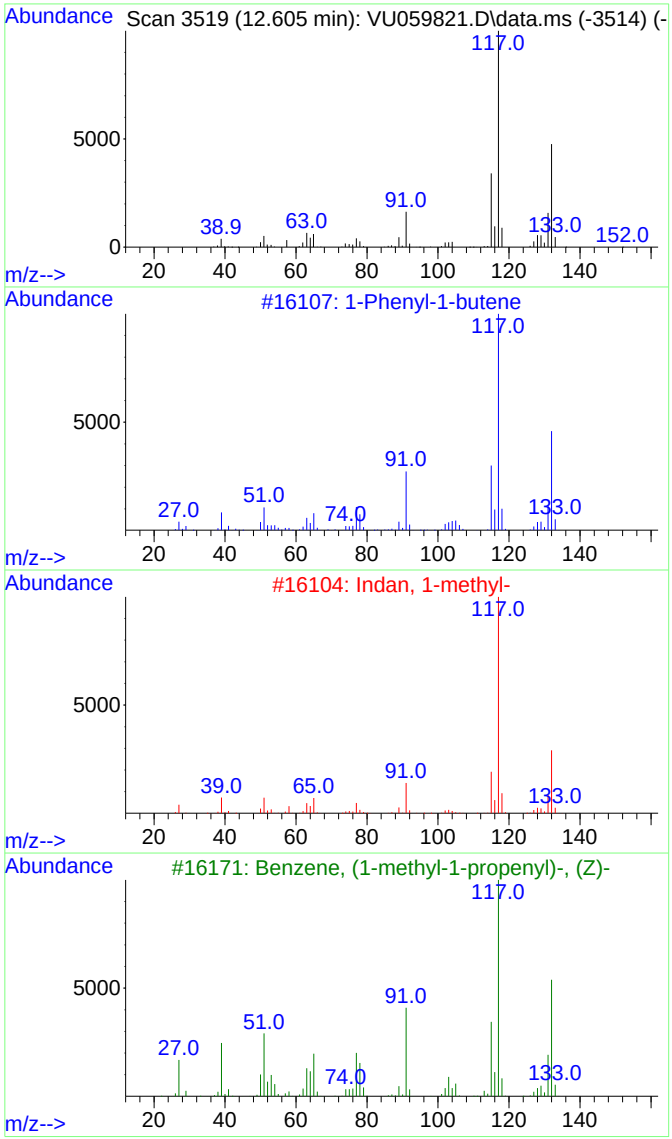
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

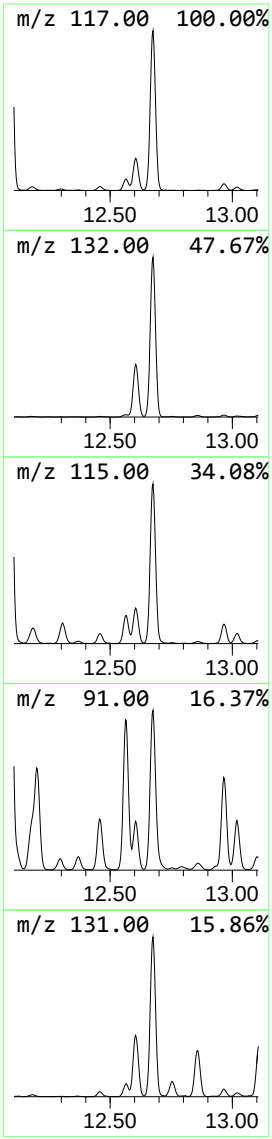
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1-Phenyl-1-butene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	10.70 ug/L	1670990	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

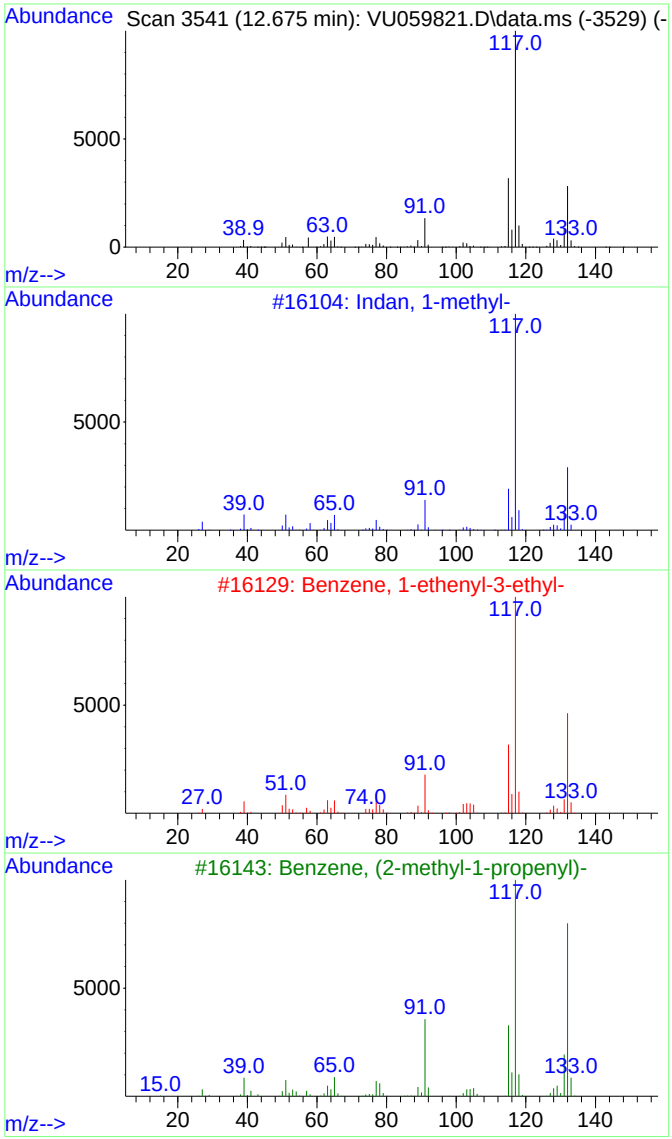
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

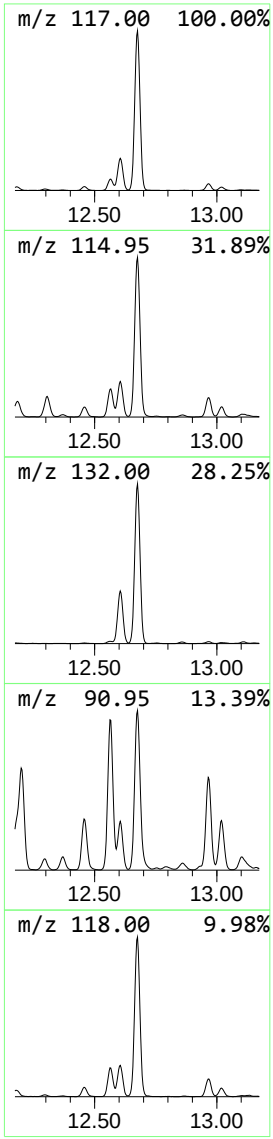
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	47.03 ug/L	7344820	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

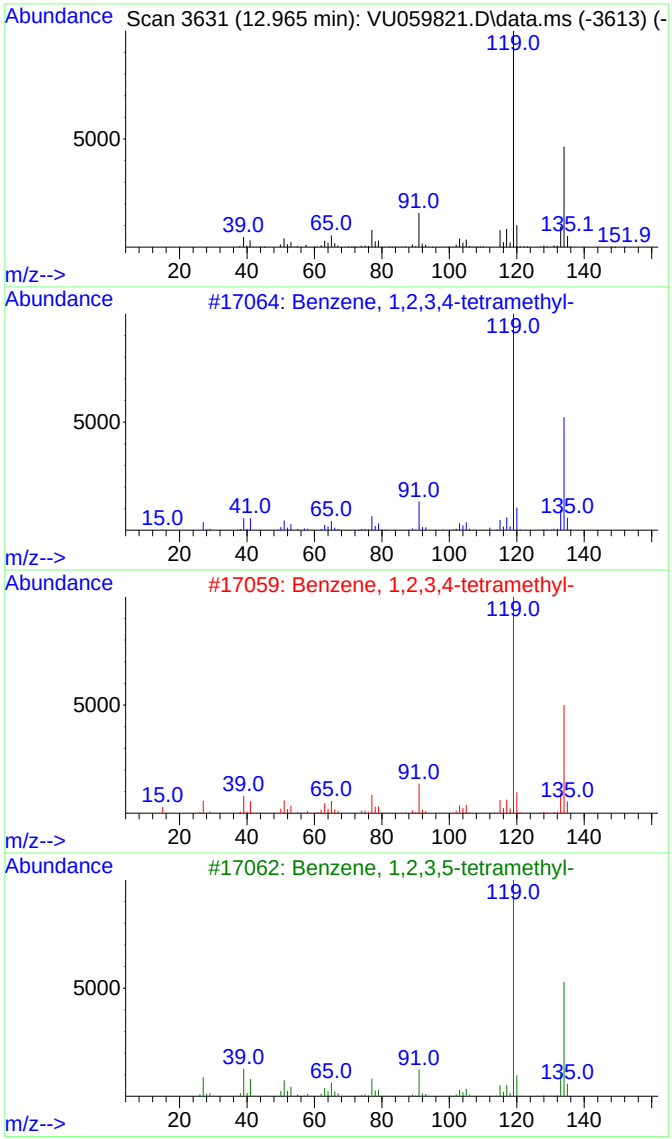
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

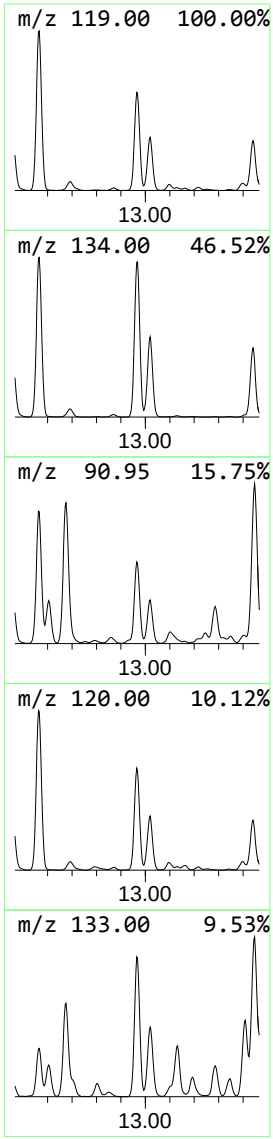
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	23.01 ug/L	3593460	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

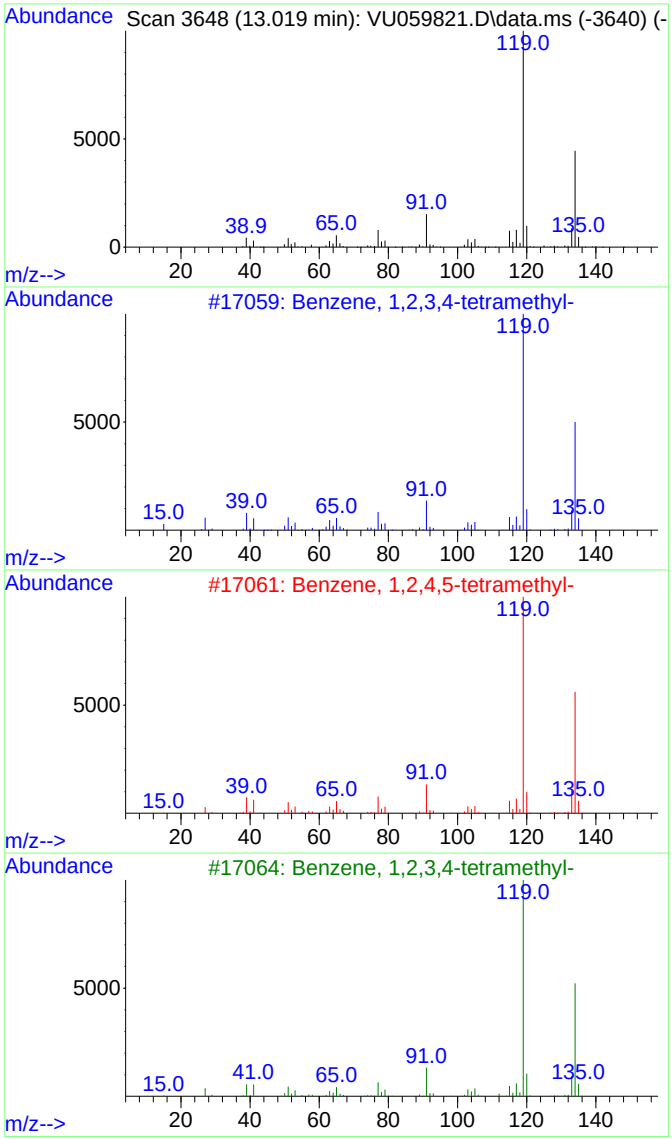
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

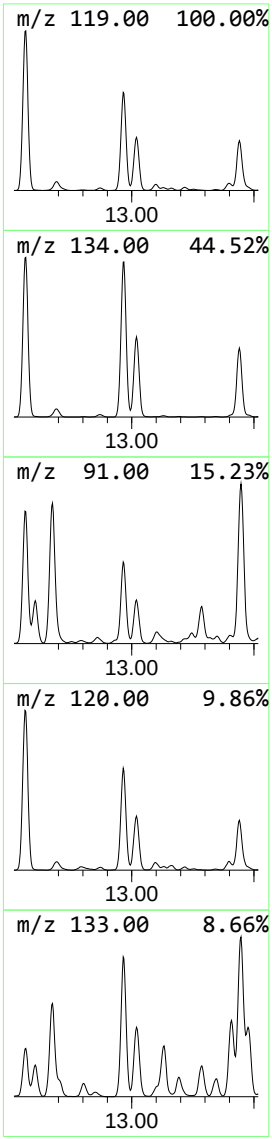
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	12.16 ug/L	1899450	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

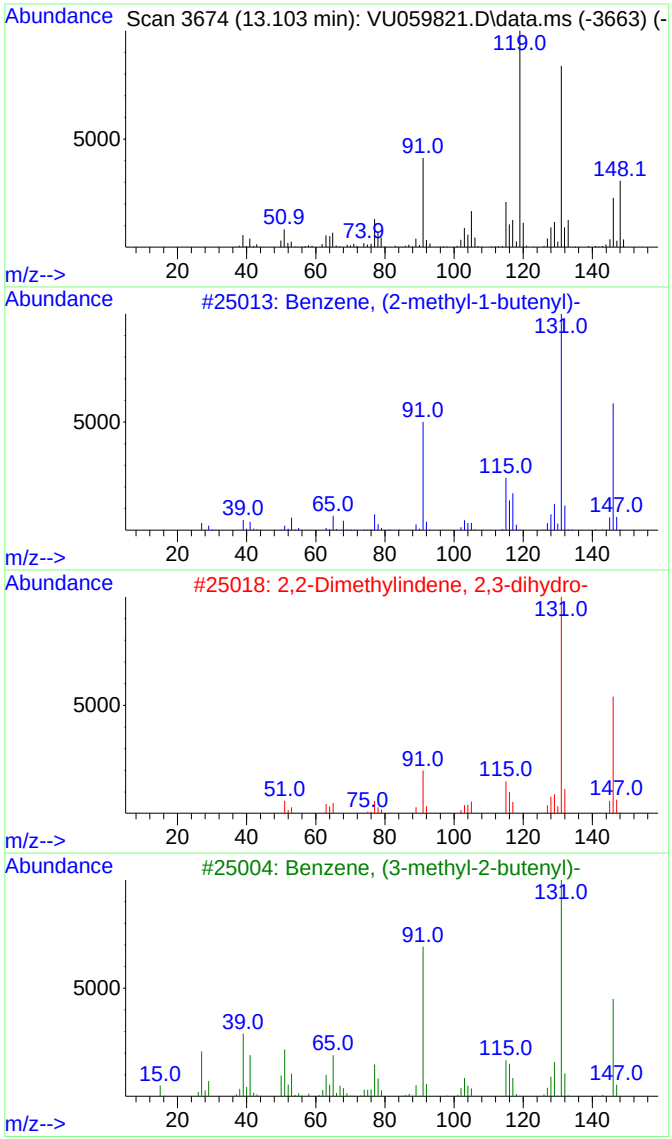
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

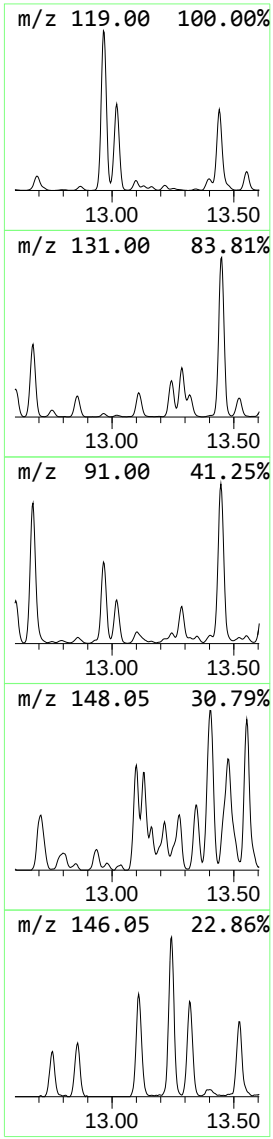
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, (2-methyl-1-butenyl)- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	3.99 ug/L	623501	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

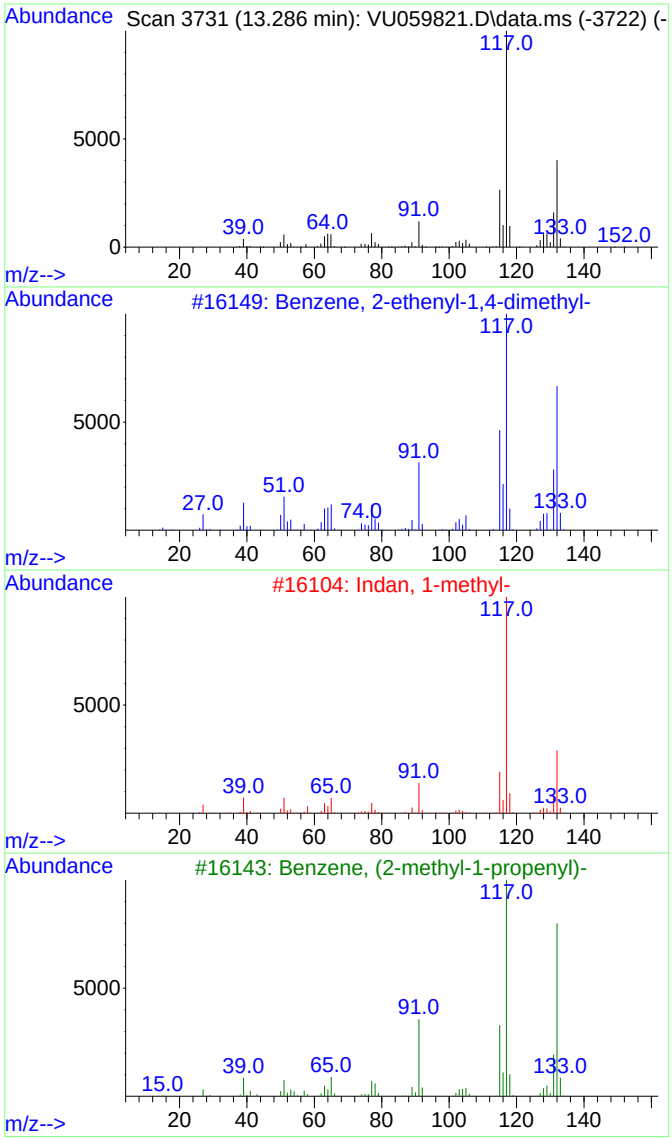
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

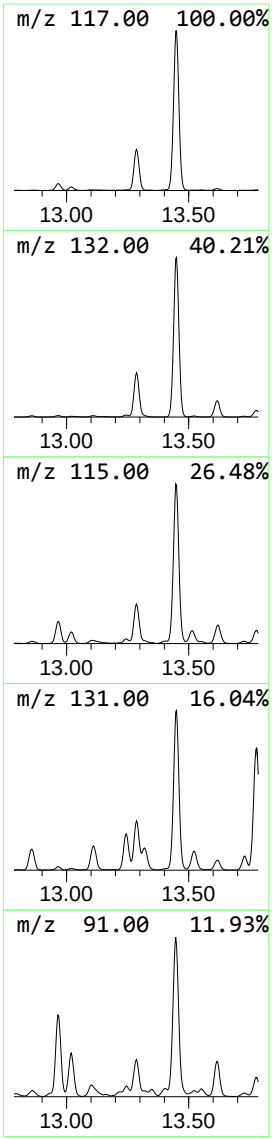
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	13.02 ug/L	2033360	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

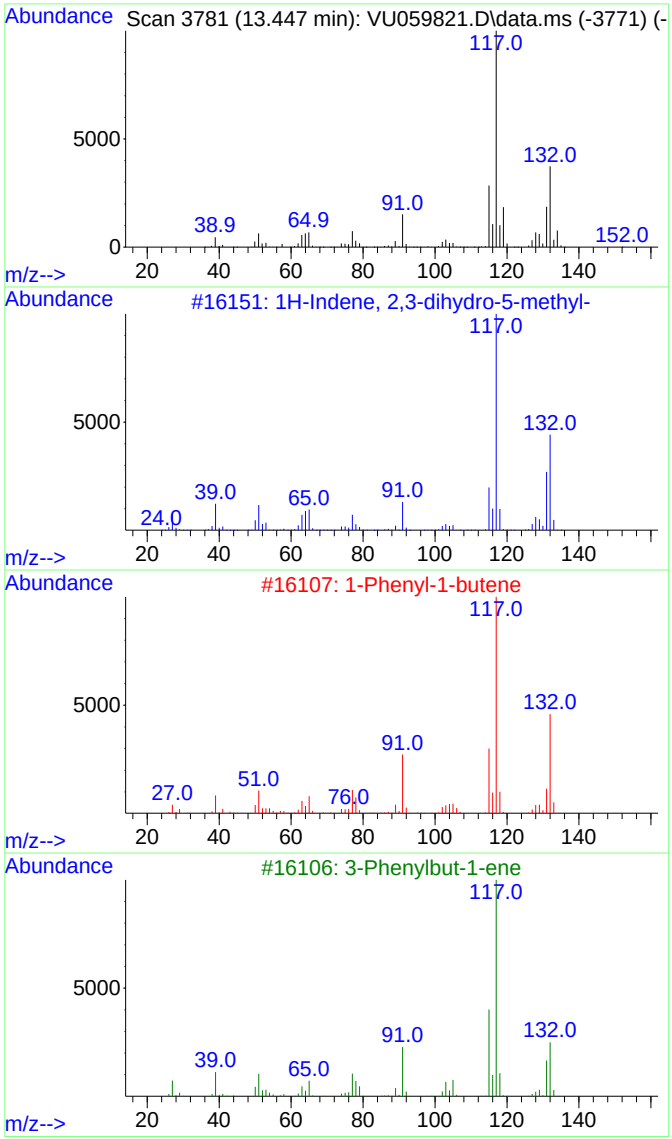
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

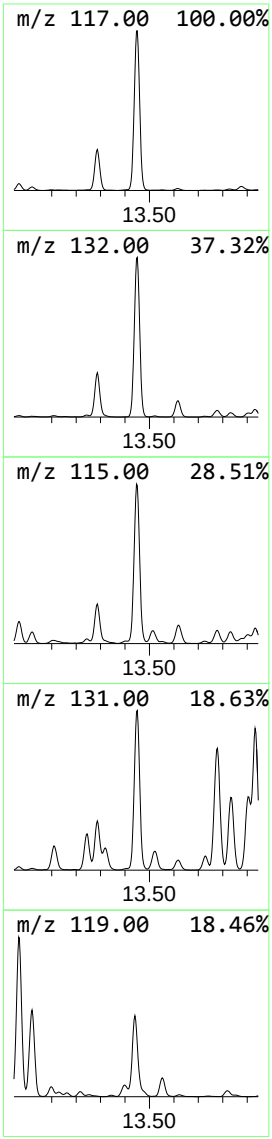
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	60.46 ug/L	9441990	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

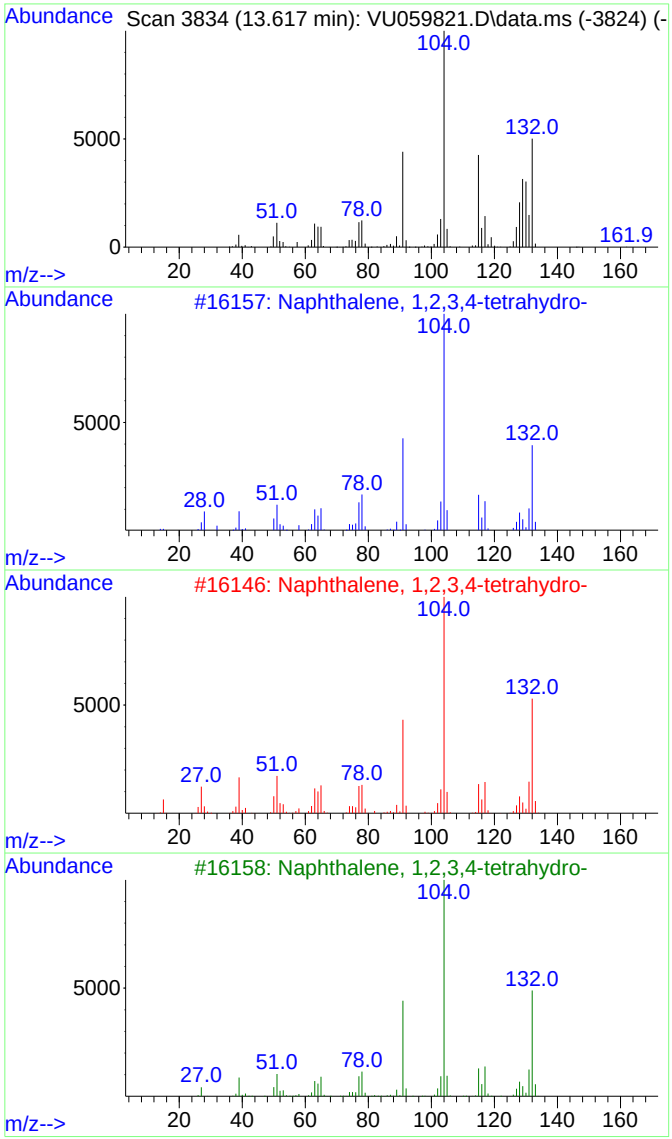
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

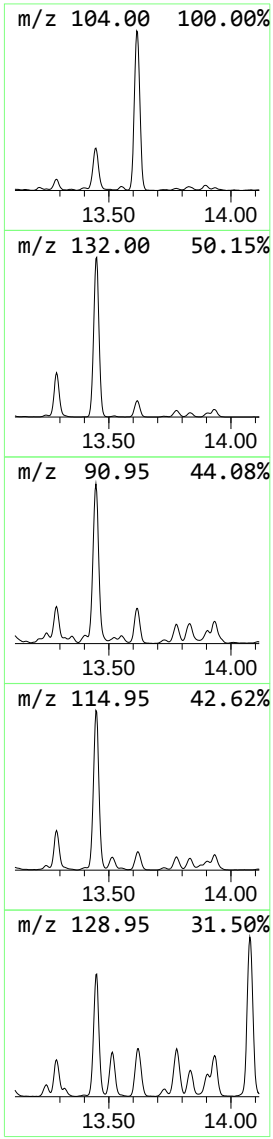
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	7.29 ug/L	1139060	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	78
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

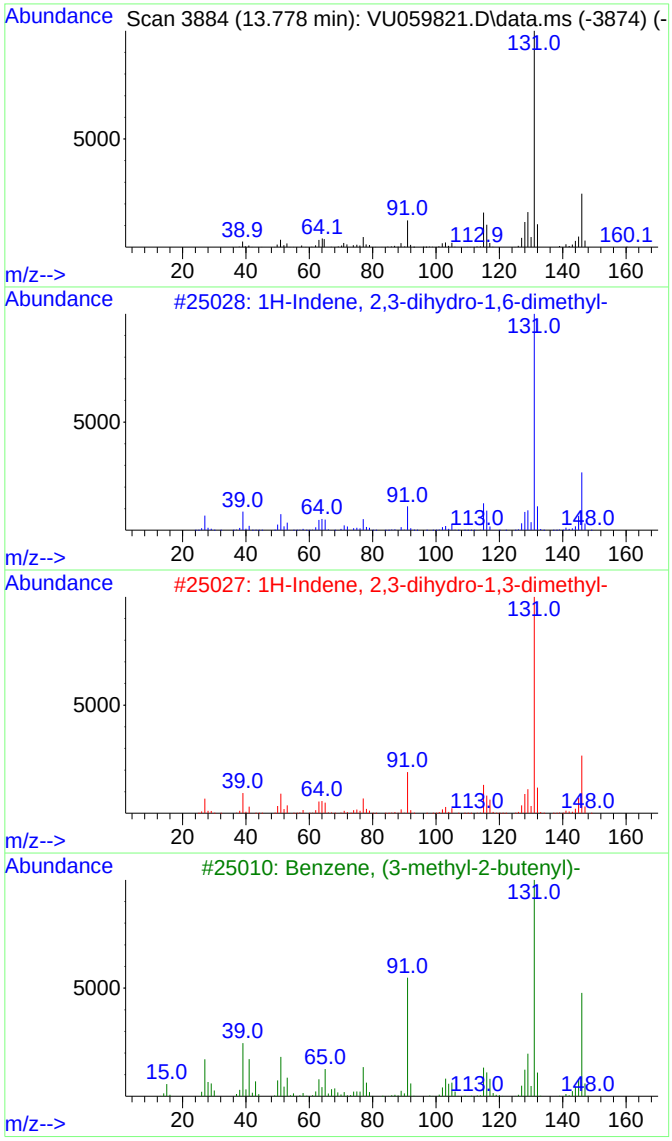
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

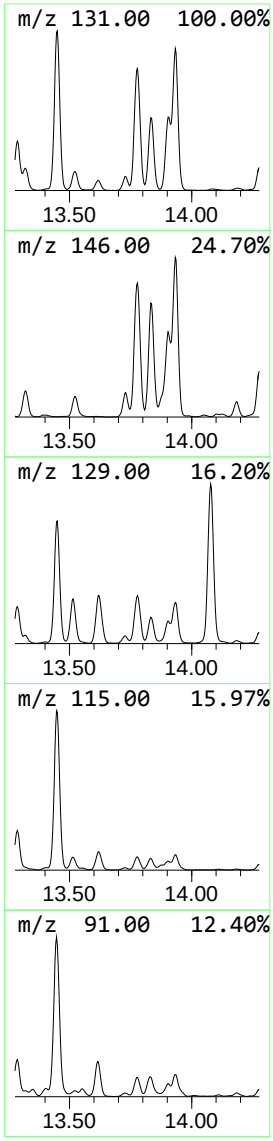
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.778	6.58 ug/L	1027710	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	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

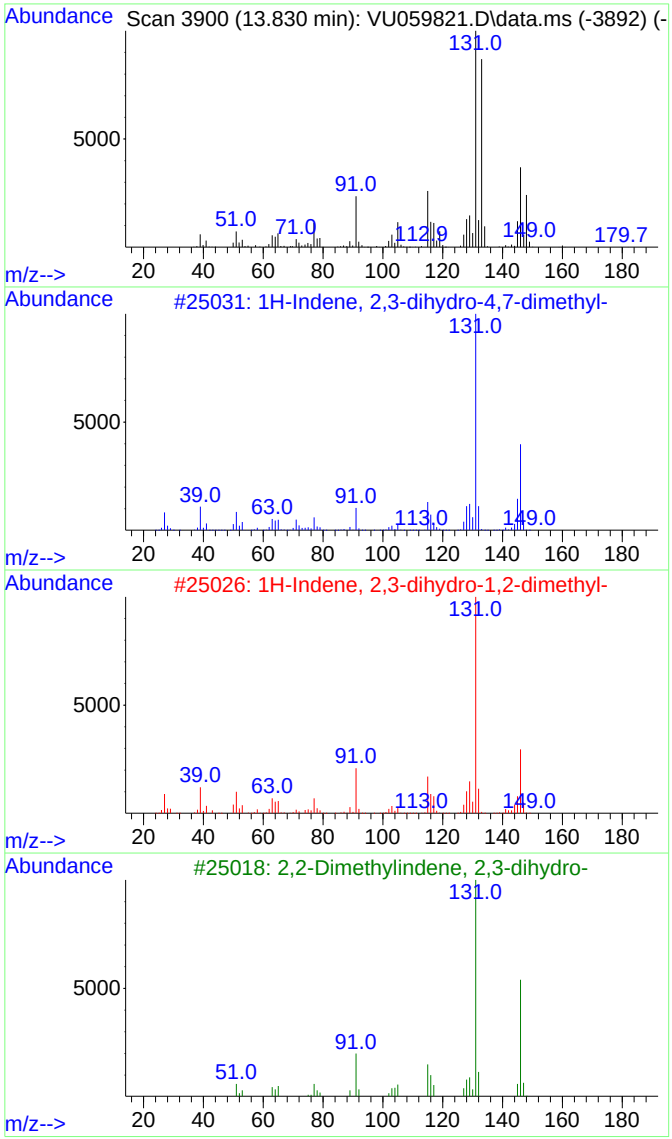
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

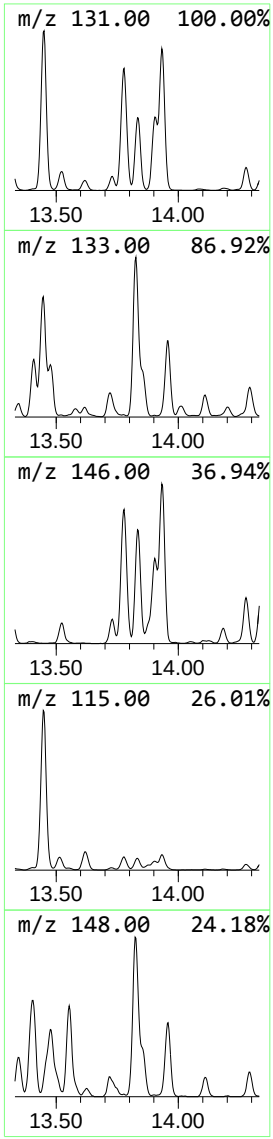
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.830	8.07 ug/L	1260450	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	89
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

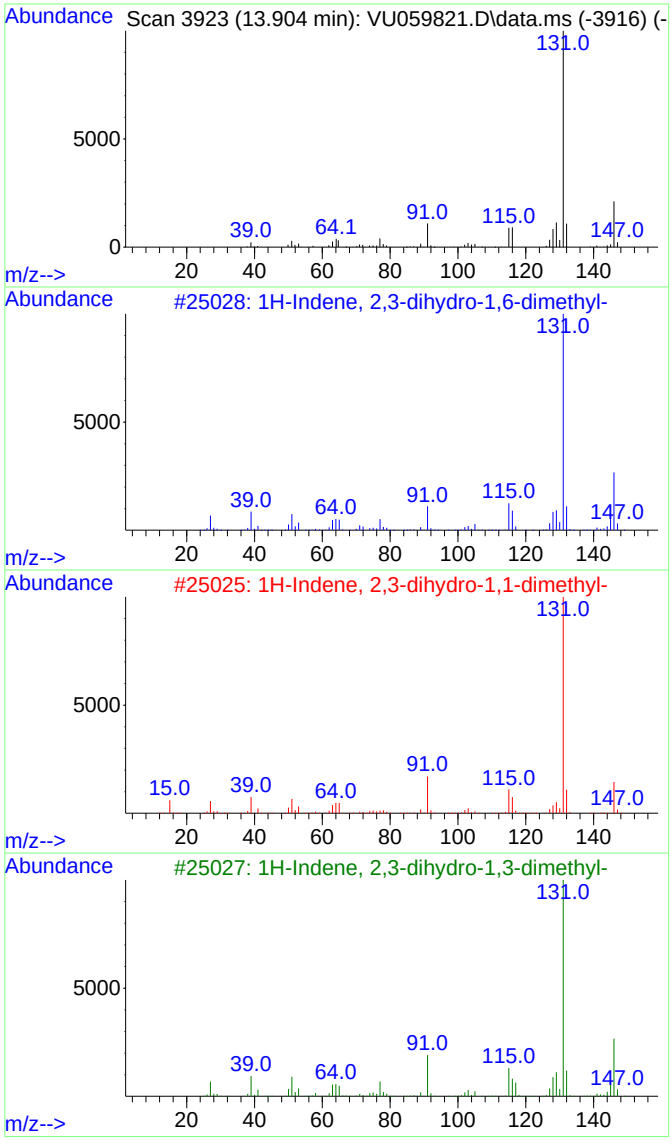
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

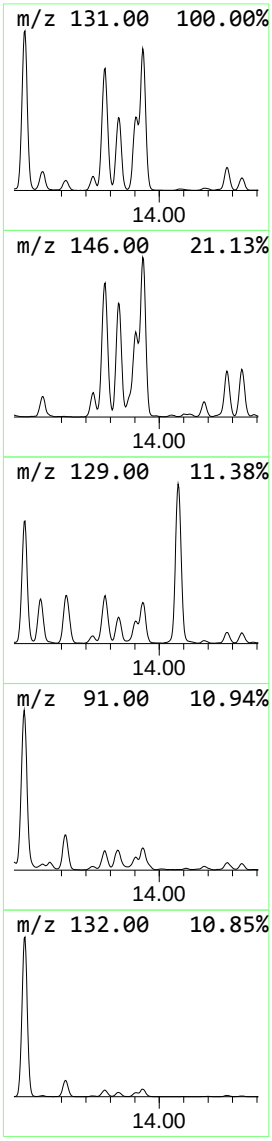
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.68 ug/L	574416	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	94
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





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Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

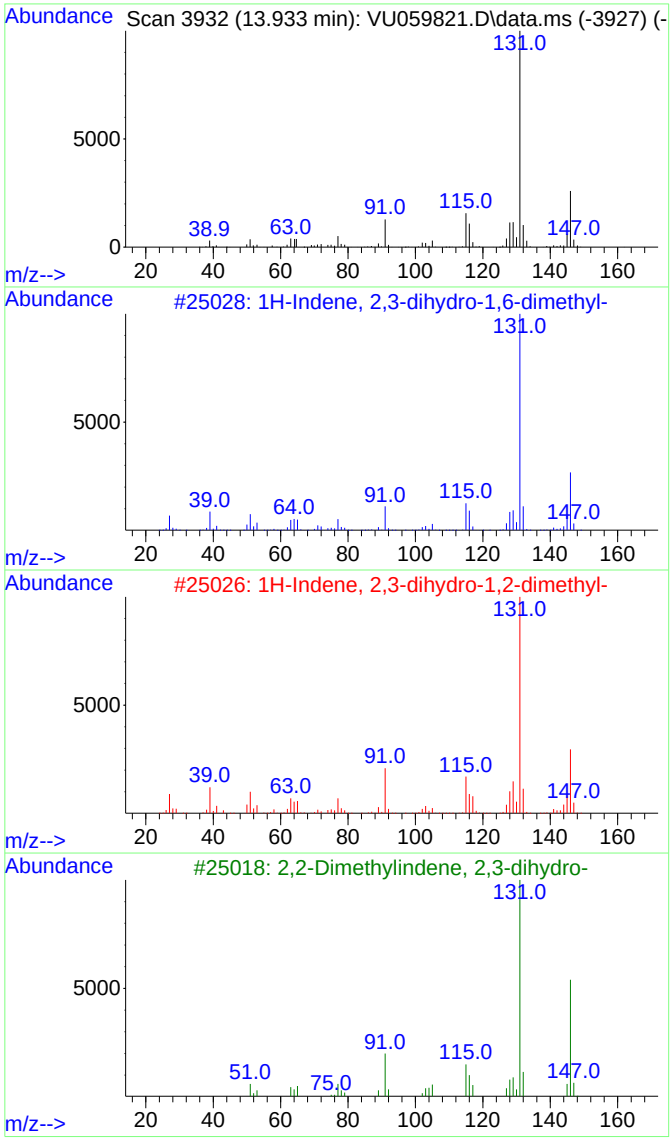
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

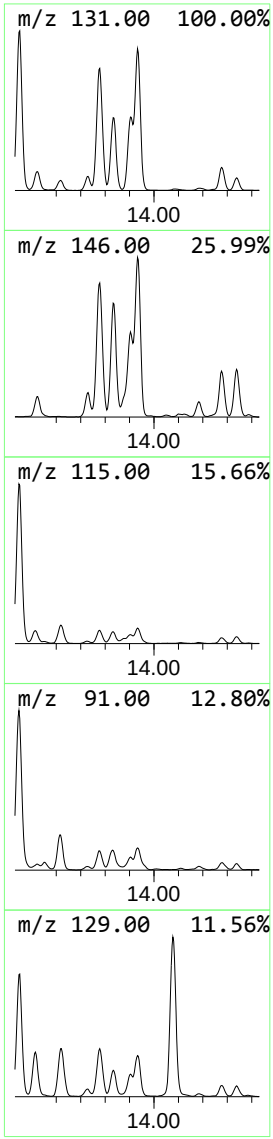
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 2,2-Dimethylindene, 2,3-dih... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.932	8.55 ug/L	1336090	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	97
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

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

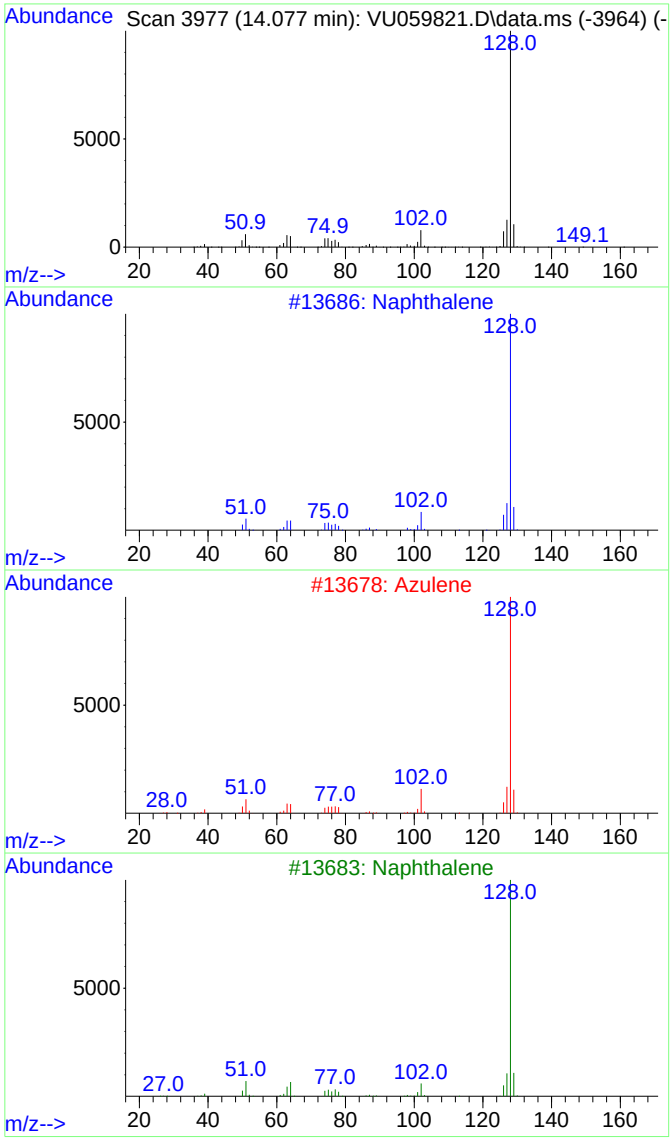
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

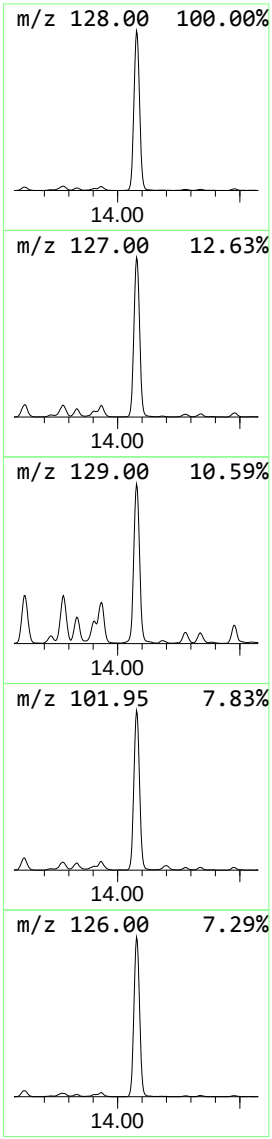
****

Peak Number 45 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	25.22 ug/L	3939240	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Naphthalene	128	C10H8	000091-20-3	94
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

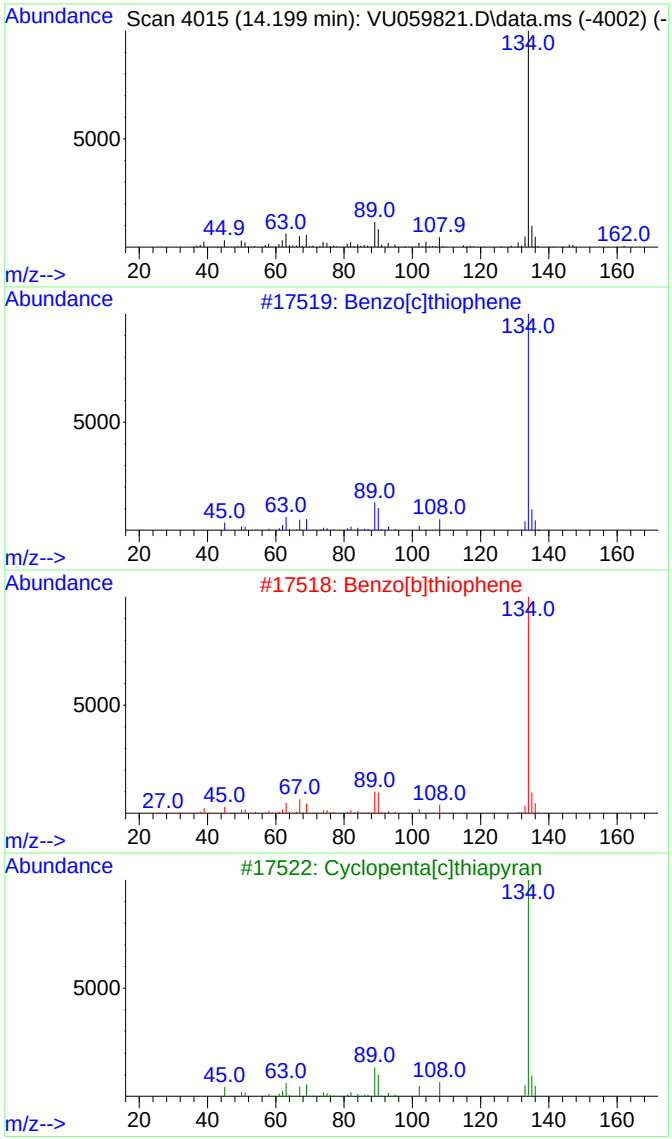
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

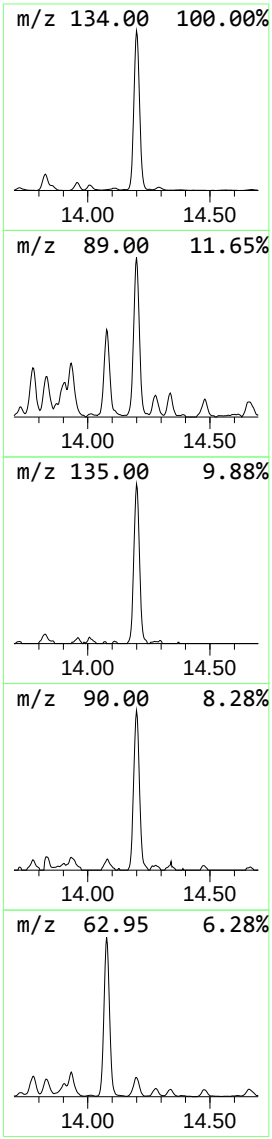
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzo[c]thiophene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.199	3.31 ug/L	517508	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

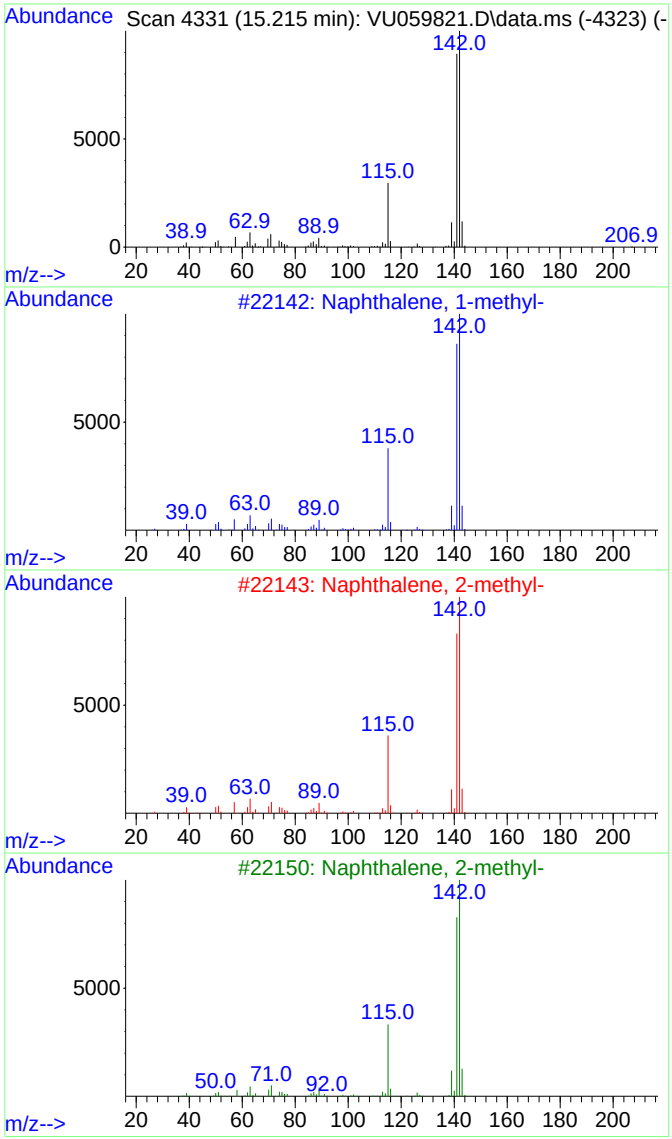
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

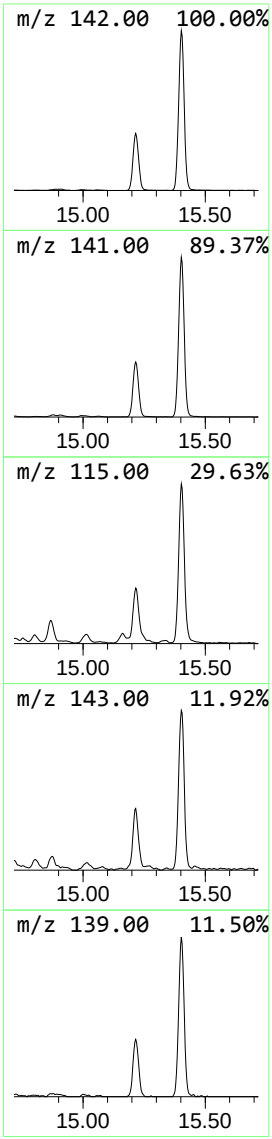
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Naphthalene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	3.44 ug/L	537718	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

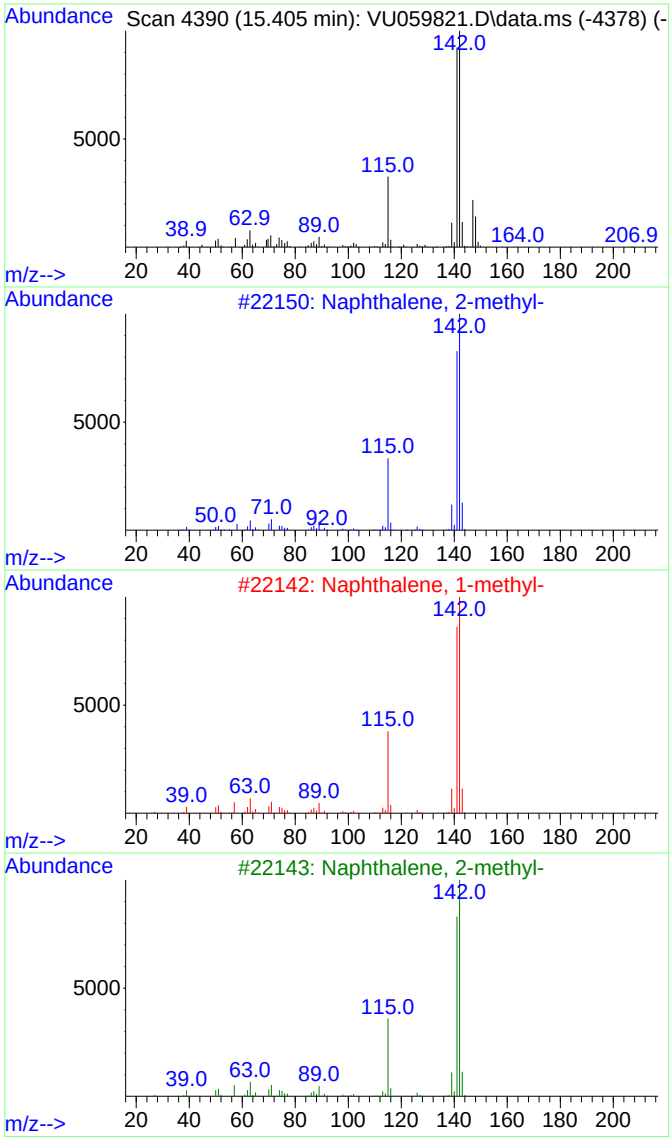
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

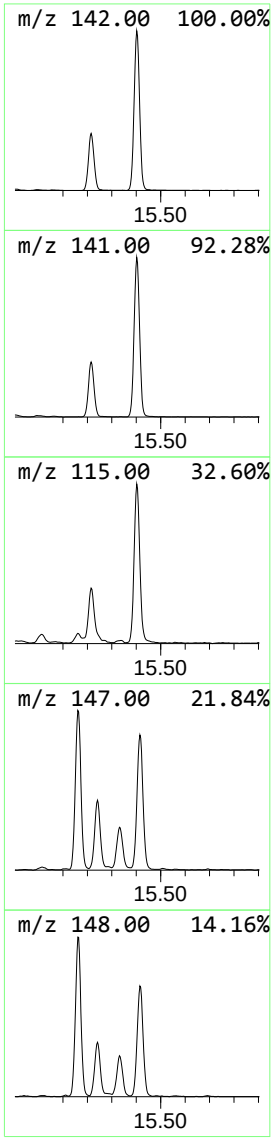
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Naphthalene, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.405	8.00 ug/L	1248990	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059821.D
Acq On : 04 Jul 2024 00:53
Operator : MD/SY
Sample : P3136-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN0

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.991	165.5	ug/L	15375700	1	6.242	464555	5.0
(DEL) Alkane: S...	2.197	161.4	ug/L	14995400	1	6.242	464555	5.0
(DEL) Alkane: S...	2.312	7.9	ug/L	735758	1	6.242	464555	5.0
(DEL) Alkane: S...	2.962	15.0	ug/L	1393440	1	6.242	464555	5.0
(DEL) Alkane: S...	3.036	25.6	ug/L	2377070	1	6.242	464555	5.0
(DEL) Alkane: S...	3.074	100.4	ug/L	9329390	1	6.242	464555	5.0
(DEL) Alkane: S...	3.129	38.9	ug/L	3609670	1	6.242	464555	5.0
(DEL) Alkane: S...	3.576	6.6	ug/L	615563	1	6.242	464555	5.0
2-Ethyl-oxetane	3.692	64.8	ug/L	6016430	1	6.242	464555	5.0
(DEL) Alkane: S...	3.827	5.5	ug/L	508271	1	6.242	464555	5.0
(DEL) Alkane: S...	3.907	11.4	ug/L	1062580	1	6.242	464555	5.0
Cyclopentene, 1...	4.171	13.5	ug/L	1258100	1	6.242	464555	5.0
(DEL) Alkane: S...	4.373	6.0	ug/L	558871	1	6.242	464555	5.0
(DEL) Alkane: C...	4.525	216.4	ug/L	20105900	1	6.242	464555	5.0
(DEL) Alkane: S...	5.119	11.3	ug/L	1045070	1	6.242	464555	5.0
(DEL) Alkane: S...	5.586	14.9	ug/L	1384070	1	6.242	464555	5.0
(DEL) Alkane: C...	5.843	13.0	ug/L	1208320	1	6.242	464555	5.0
(DEL) Alkane: C...	5.910	16.9	ug/L	1570740	1	6.242	464555	5.0
(DEL) Alkane: C...	5.978	20.7	ug/L	1920270	1	6.242	464555	5.0
(DEL) Alkane: S...	6.132	9.2	ug/L	857166	1	6.242	464555	5.0
(DEL) Alkane: C...	6.975	7.7	ug/L	715626	1	6.242	464555	5.0
Cyclohexene, 3-...	7.155	9.4	ug/L	870028	1	6.242	464555	5.0
Cyclobutane, (1...	7.389	6.3	ug/L	581797	1	6.242	464555	5.0
Benzene, propyl-	10.897	36.8	ug/L	5749470	3	11.804	780892	5.0
Benzene, 1-ethy...	11.016	8.0	ug/L	1250180	3	11.804	780892	5.0
Benzene, 1-ethy...	11.283	59.6	ug/L	9310560	3	11.804	780892	5.0
Benzene, 1,2,3-...	11.888	7.5	ug/L	1164530	3	11.804	780892	5.0
Benzene, 2-prop...	12.087	137.2	ug/L	21422900	3	11.804	780892	5.0
Benzene, 1,3-di...	12.299	4.3	ug/L	677691	3	11.804	780892	5.0
Benzene, 1-meth...	12.370	4.7	ug/L	739190	3	11.804	780892	5.0
Benzene, 2-ethy...	12.457	11.5	ug/L	1790780	3	11.804	780892	5.0
Benzene, 1-ethy...	12.563	33.9	ug/L	5288540	3	11.804	780892	5.0
1-Phenyl-1-butene	12.605	10.7	ug/L	1670990	3	11.804	780892	5.0
Indan, 1-methyl-	12.675	47.0	ug/L	7344820	3	11.804	780892	5.0
Benzene, 1,2,3,...	12.965	23.0	ug/L	3593460	3	11.804	780892	5.0
Benzene, 1,2,4,...	13.019	12.2	ug/L	1899450	3	11.804	780892	5.0
Benzene, (2-met...	13.103	4.0	ug/L	623501	3	11.804	780892	5.0
Benzene, 2-ethe...	13.286	13.0	ug/L	2033360	3	11.804	780892	5.0
1H-Indene, 2,3-...	13.447	60.5	ug/L	9441990	3	11.804	780892	5.0
Naphthalene, 1,...	13.617	7.3	ug/L	1139060	3	11.804	780892	5.0
1H-Indene, 2,3-...	13.778	6.6	ug/L	1027710	3	11.804	780892	5.0
1H-Indene, 2,3-...	13.830	8.1	ug/L	1260450	3	11.804	780892	5.0
1H-Indene, 2,3-...	13.904	3.7	ug/L	574416	3	11.804	780892	5.0
2,2-Dimethylind...	13.932	8.6	ug/L	1336090	3	11.804	780892	5.0
Azulene	14.077	25.2	ug/L	3939240	3	11.804	780892	5.0
Benzo[c]thiophene	14.199	3.3	ug/L	517508	3	11.804	780892	5.0
Naphthalene, 1-...	15.216	3.4	ug/L	537718	3	11.804	780892	5.0
Naphthalene, 2-...	15.405	8.0	ug/L	1248990	3	11.804	780892	5.0