LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

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: VU059757.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.592	86	94	110	rVB	86757	101929	11.06%	0.960%
2	1.907	183	192	207	rBV	64116	87940	9.54%	0.828%
3	1.991	208	218	236	rVB	94621	132114	14.34%	1.244%
4	2.197	272	282	296	rVB	129414	181998	19.75%	1.714%
5	2.313	308	318	327	rBV2	6771	10668	1.16%	0.100%
6	2.560	382	395	415	rBV	122698	210685	22.87%	1.984%
7	2.962	506	520	530	rBV6	7338	19836	2.15%	0.187%
8	3.036	532	543	546	rVV4	15136	26485	2.87%	0.249%
9	3.075	547	555	565	rVV4	33030	72270	7.84%	0.680%
10	3.136	566	574	596	rVB8	11825	34804	3.78%	0.328%
11	3.351	627	641	658	rBV2	30467	68205	7.40%	0.642%
12	3.692	733	747	766	rVB3	26145	58767	6.38%	0.553%
13	3.827	777	789	801	rBV4	7322	16531	1.79%	0.156%
14	3.911	801	815	828	rBV2	25013	58098	6.31%	0.547%
15	3.972	829	834	852	rVB3	6714	13990	1.52%	0.132%
16	4.084	854	869	883	rBV6	3978	9950	1.08%	0.094%
17	4.181	883	899	900	rBV5	8024	13160	1.43%	0.124%
18	4.521	985	1005	1023	rBV	114269	277797	30.15%	2.615%
19	4.657	1024	1047	1088	rVV3	226319	639239	69.38%	6.018%
20	5.055	1156	1171	1186	rBV	103472	236916	25.71%	2.231%
21	5.380	1256	1272	1287	rBV2	105066	252298	27.38%	2.375%
22	5.589	1324	1337	1345	rBV5	6637	14836	1.61%	0.140%
23	5.718	1358	1377	1406	rBV4	220052	573614	62.26%	5.401%
24	5.965	1444	1454	1472	rVB7	12342	33302	3.61%	0.314%
25	6.129	1490	1505	1516	rBV5	6489	13241	1.44%	0.125%
26	6.242	1528	1540	1567	rBV	201689	414044	44.94%	3.898%
27	6.547	1622	1635	1653	rBV5	27119	56264	6.11%	0.530%
28	6.682	1664	1677	1691	rBV	132204	261962	28.43%	2.466%
29	6.753	1691	1699	1713	rVB5	29381	61490	6.67%	0.579%
30	7.155	1814	1824	1845	rVB9	9414	27886	3.03%	0.263%
31	7.390	1886	1897	1910	rBV2	18391	34708	3.77%	0.327%
32	7.560	1935	1950	1965	rBV2	61494	112862	12.25%	1.063%
33	7.753	2001	2010	2024	rVB3	11752	21147	2.30%	0.199%
34	7.891	2032	2053	2068	rBV	273768	486077	52.76%	4.576%
35	7.965	2068	2076	2091	rVB	34622	61392	6.66%	0.578%
36	8.174	2126	2141	2157	rBV2	36264	66637	7.23%	0.627%

LSC Area Percent Report

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Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

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	8.406	2205	2213	2223	rVB3	6865	11203	1.22%	0.105%
38	8.550	2247	2258	2271	rBV3	17661	29104	3.16%	0.274%
39	8.627	2271	2282	2313	rBV	242746	496030	53.84%	4.670%
40	9.412	2513	2526	2546	rBV	294919	496515	53.89%	4.675%
41	9.566	2562	2574	2591	rBV	150361	244566	26.54%	2.303%
42	9.688	2599	2612	2639	rBV	416604	698872	75.85%	6.580%
43	10.094	2728	2738	2759	rBV2	67943	113837	12.36%	1.072%
44	10.479	2846	2858	2871	rBV2	16546	25817	2.80%	0.243%
45	10.750	2930	2942	2957	rBV	104452	166891	18.11%	1.571%
46	10.901	2977	2989	3004	rBV	49944	78226	8.49%	0.736%
47	10.994	3006	3018	3021	rBV	126654	186794	20.27%	1.759%
48	11.081	3036	3045	3059	rVB	65297	101974	11.07%	0.960%
49	11.286	3094	3109	3124	rBV	135315	220331	23.91%	2.074%
50	11.460	3151	3163	3180	rBV	595917	921353	100.00%	8.674%
51	11.807	3257	3271	3286	rBV	311764	508983	55.24%	4.792%
52	11.888	3287	3296	3308	rVB	53586	84707	9.19%	0.798%
53	12.087	3345	3358	3377	rBV2	152388	276326	29.99%	2.602%
54	12.187	3377	3389	3410	rVB	284387	493007	53.51%	4.642%
55	12.373	3439	3447	3459	rVB2	8818	12862	1.40%	0.121%
56	12.457	3464	3473	3479	rVV	23811	36916	4.01%	0.348%
57	12.489	3480	3483	3495	rVV3	16733	21385	2.32%	0.201%
58	12.566	3497	3507	3514	rVV	44695	66818	7.25%	0.629%
59	12.608	3514	3520	3530	rVV2	14981	21715	2.36%	0.204%
60	12.675	3530	3541	3560	rVB2	52475	89825	9.75%	0.846%
61	12.968	3623	3632	3640	rBV	26001	39582	4.30%	0.373%
62	13.020	3640	3648	3661	rVB	33894	51592	5.60%	0.486%
63	13.286	3722	3731	3744	rBV3	34111	50816	5.52%	0.478%
64	13.447	3771	3781	3795	rVB2	65686	108178	11.74%	1.018%
65	13.621	3826	3835	3847	rBV5	12773	22166	2.41%	0.209%
66	13.778	3875	3884	3893	rVV3	11352	18552	2.01%	0.175%
67	13.830	3893	3900	3913	rBV6	11608	21818	2.37%	0.205%
68	14.084	3965	3979	4001	rBV	72490	125614	13.63%	1.183%
69	15.228	4325	4335	4350	rBV5	8151	15885	1.72%	0.150%

Sum of corrected areas: 10621402

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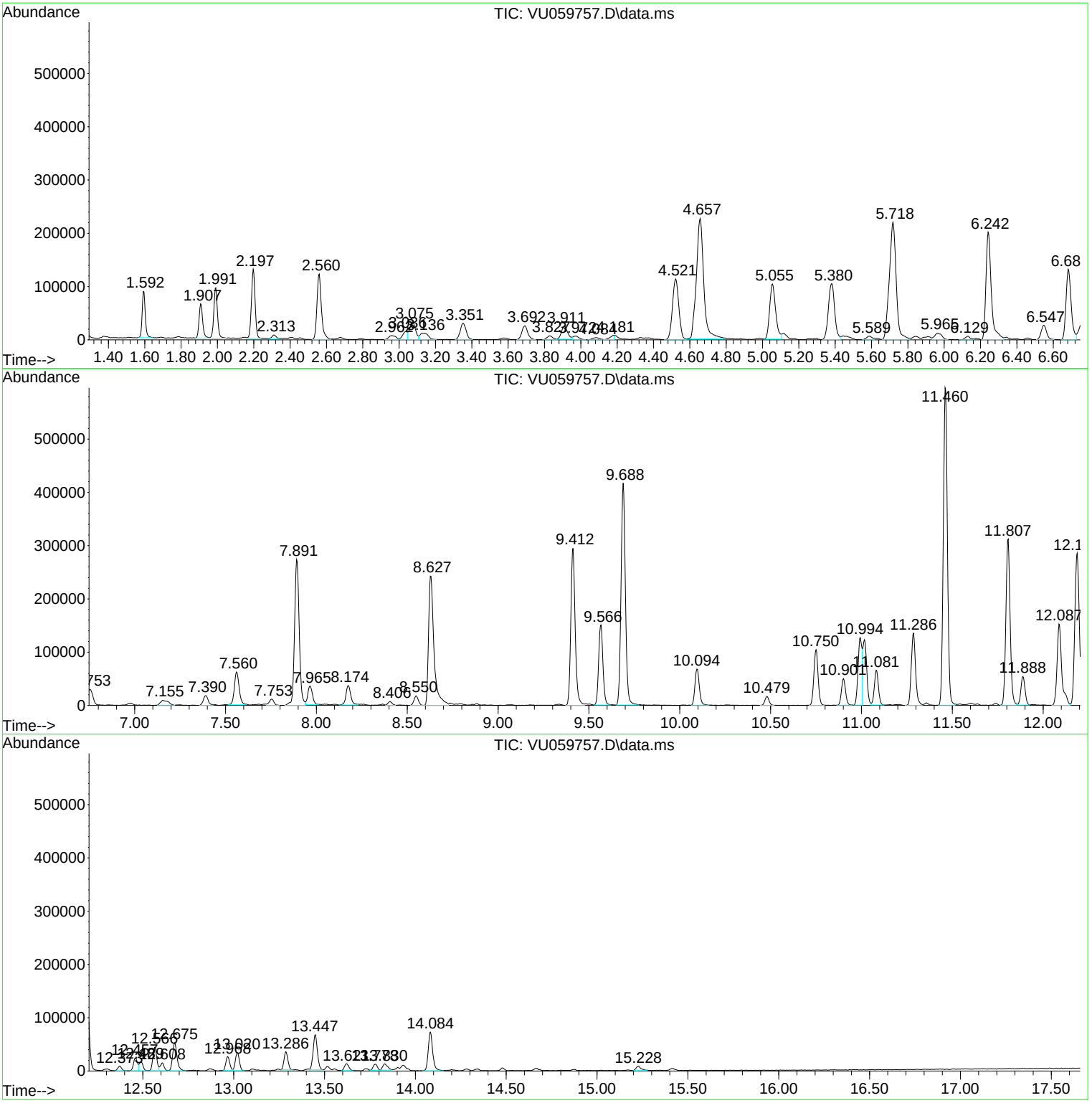
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

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 : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
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ClientSampleId :
C0BH2

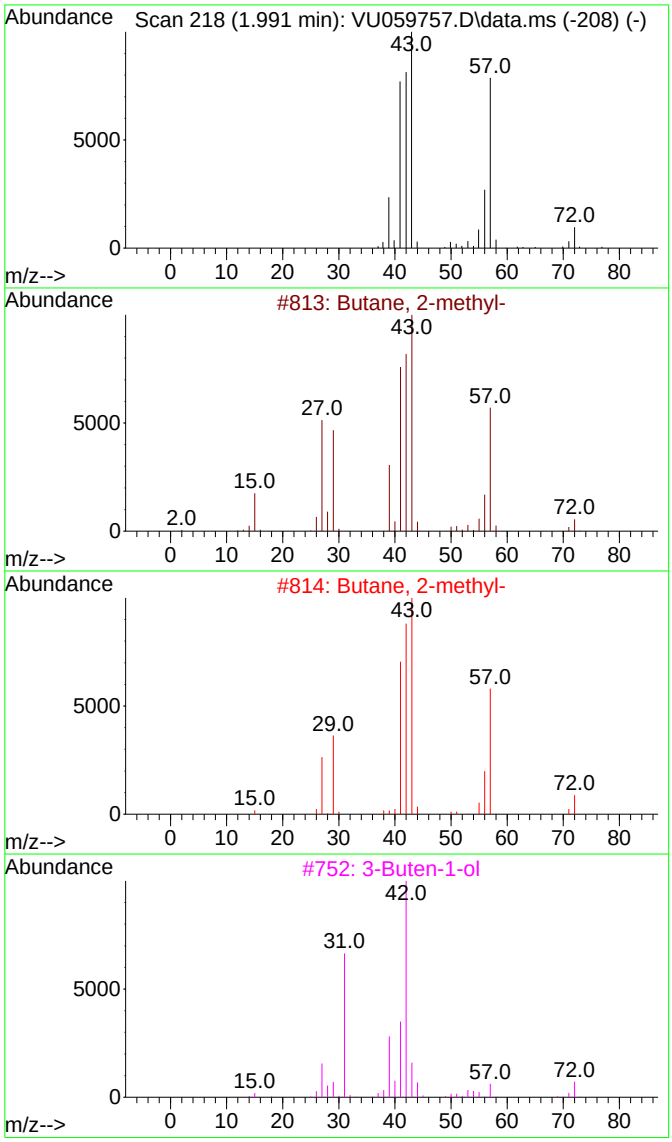
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

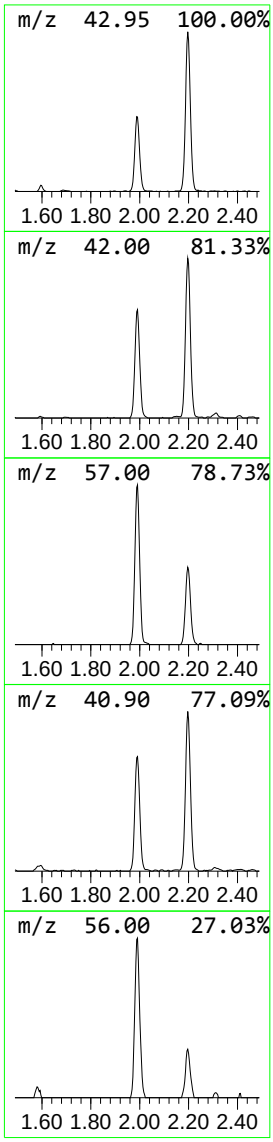
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	1.60 ug/L	132114	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	72
3	3-Buten-1-ol	72	C4H8O	000627-27-0	43
4	Pentane	72	C5H12	000109-66-0	43
5	Pentane	72	C5H12	000109-66-0	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

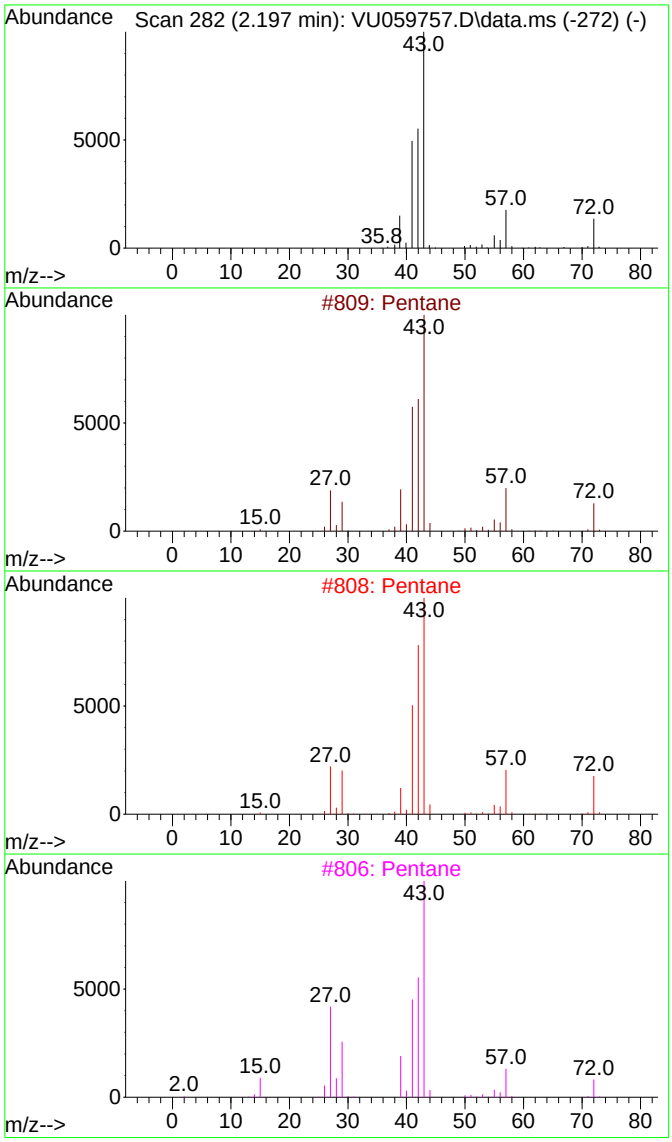
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

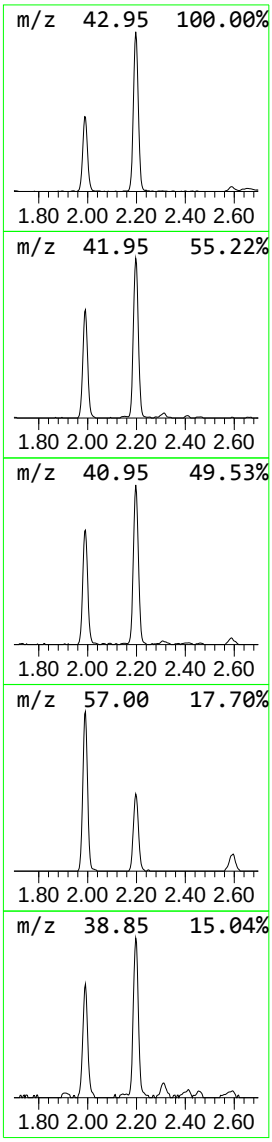
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.197	2.20 ug/L	181998	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	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

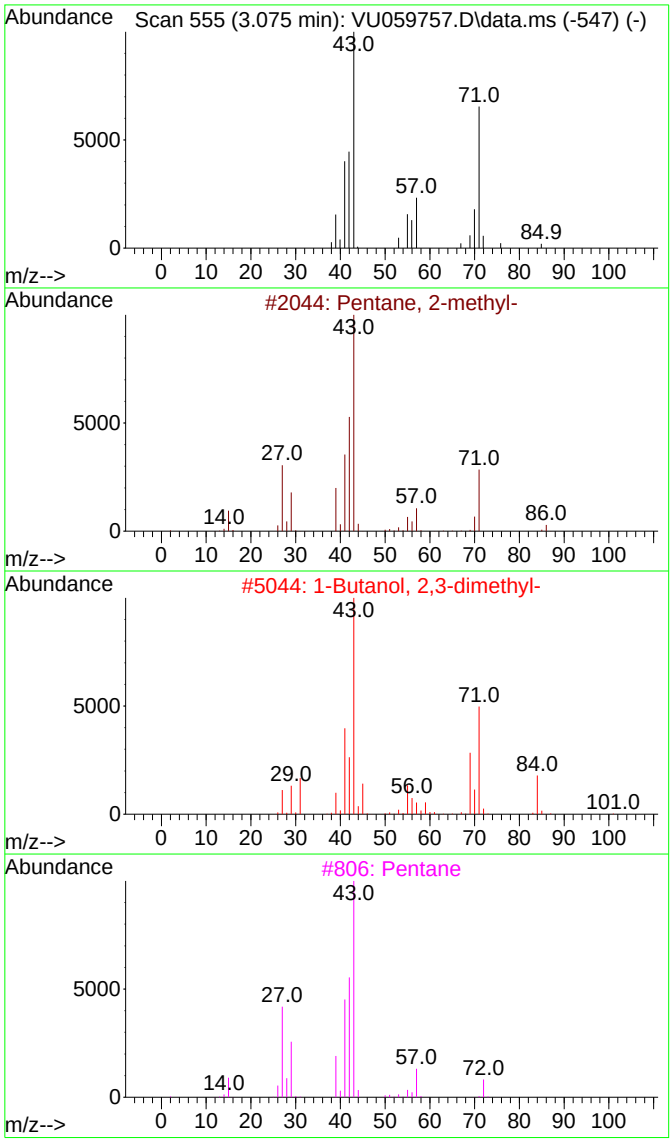
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

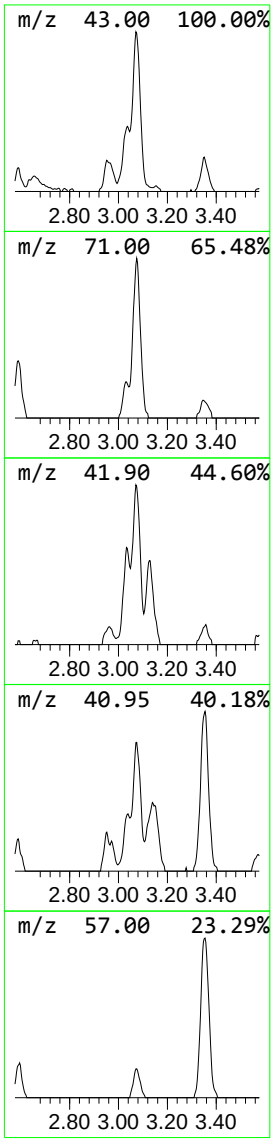
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.075	0.87 ug/L	72270	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
2	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	39
3	Pentane	72	C5H12	000109-66-0	37
4	Pentane, 3-bromo-	150	C5H11Br	001809-10-5	37
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
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Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

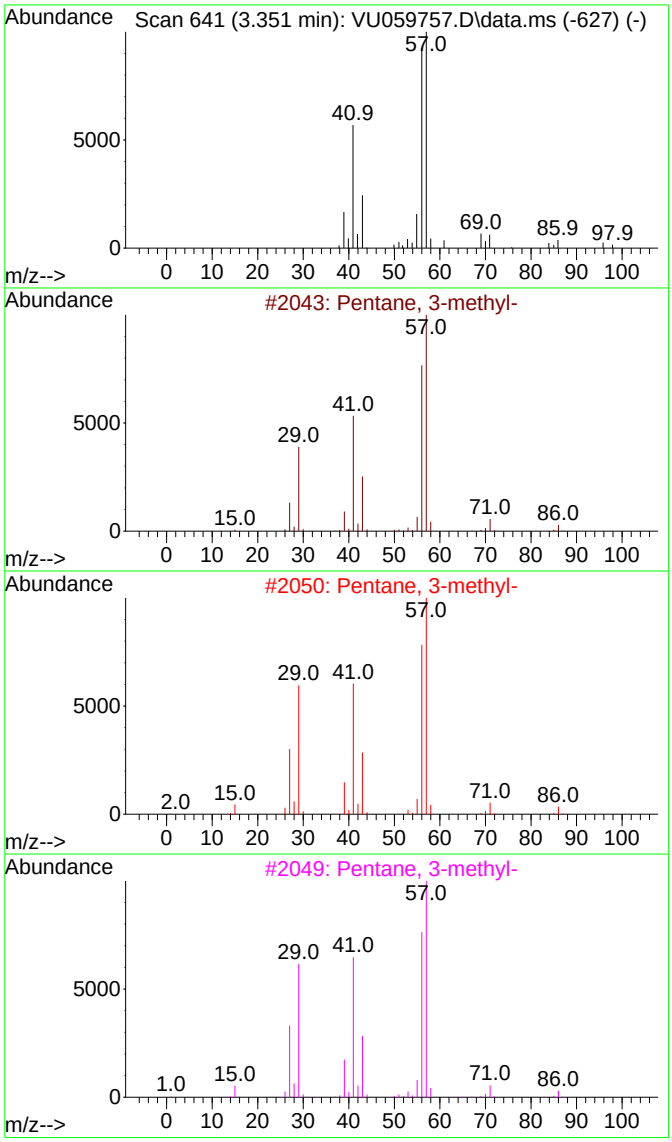
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

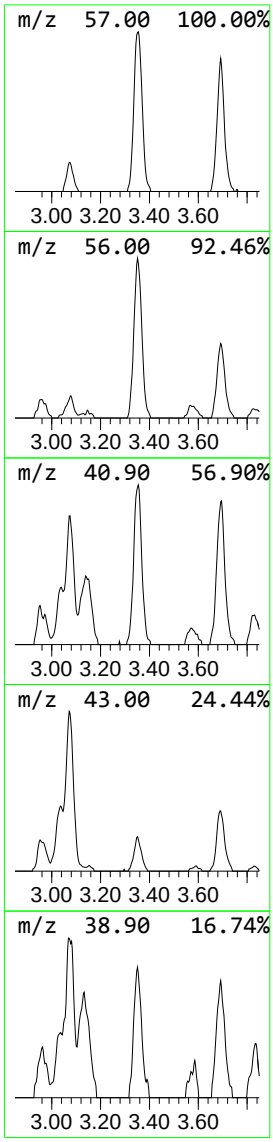
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.351	0.82 ug/L	68205	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
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Operator : MD/SY
Sample : P3121-05
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

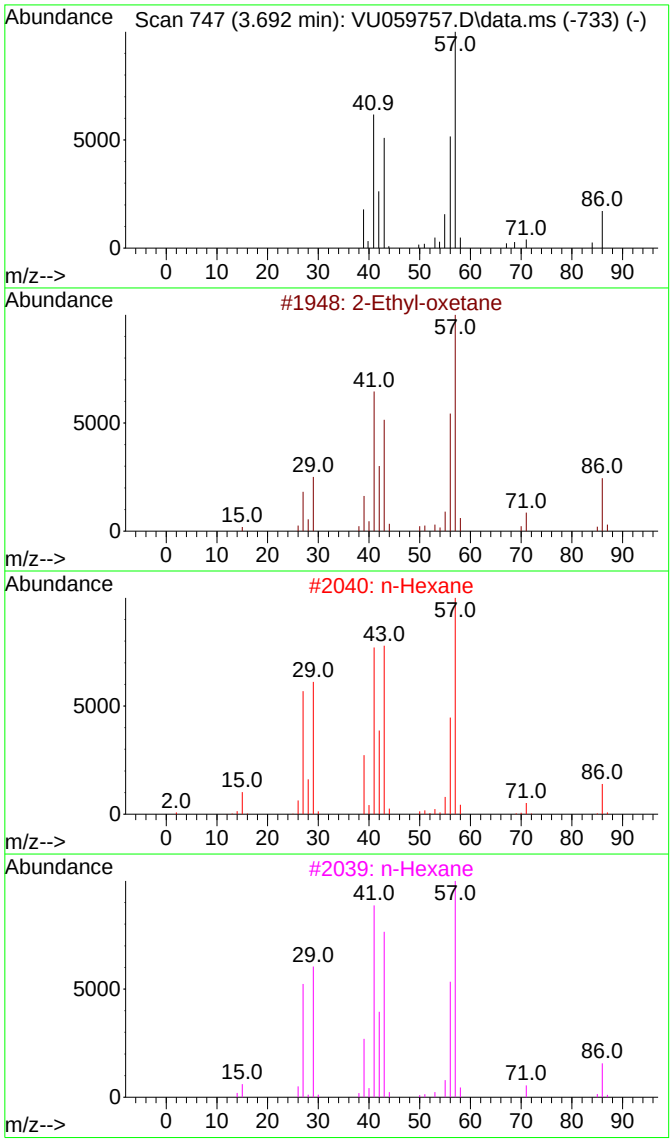
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

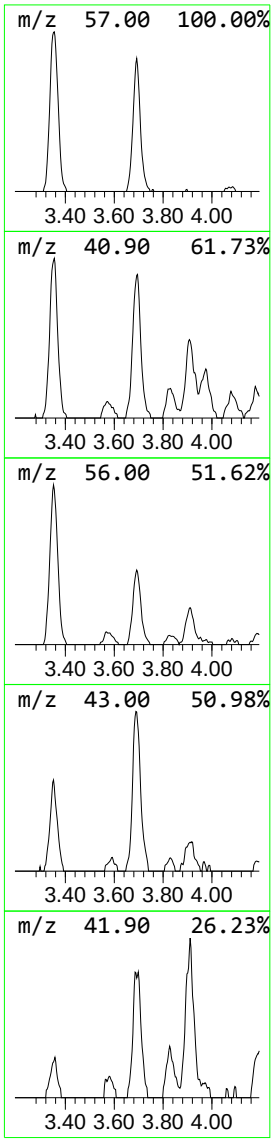
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Ethyl-oxetane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.692	0.71 ug/L	58767	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	83
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	72
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	50





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MSVOA_U
ClientSampleId :
C0BH2

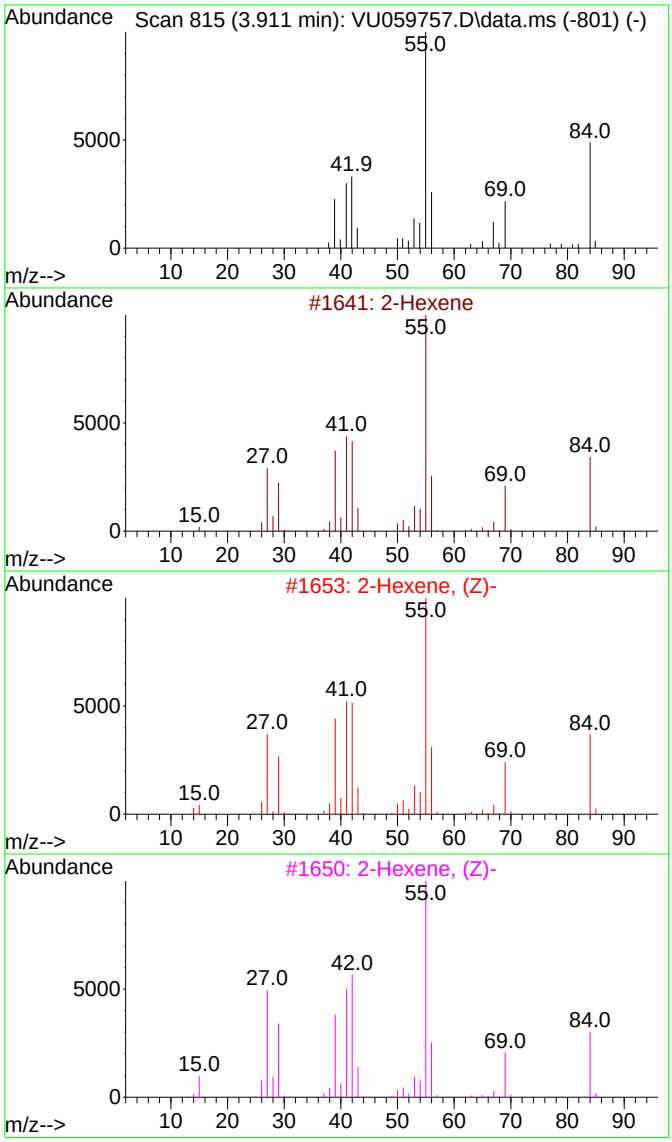
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

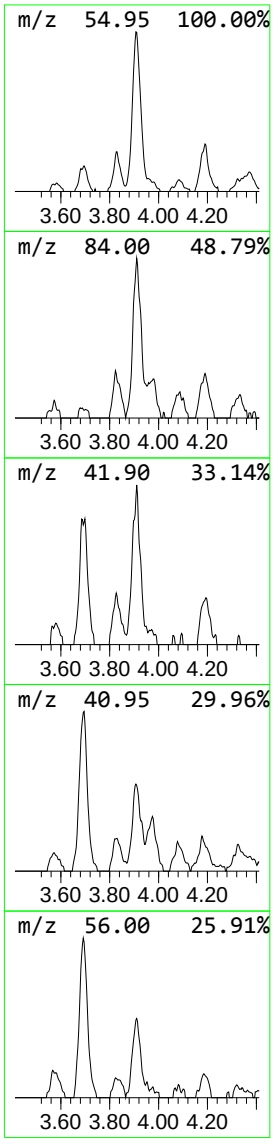
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.911	0.70 ug/L	58098	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	91
2	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	87
4	3-Hexene, (E)-	84	C6H12	013269-52-8	86
5	2-Hexene, (E)-	84	C6H12	004050-45-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

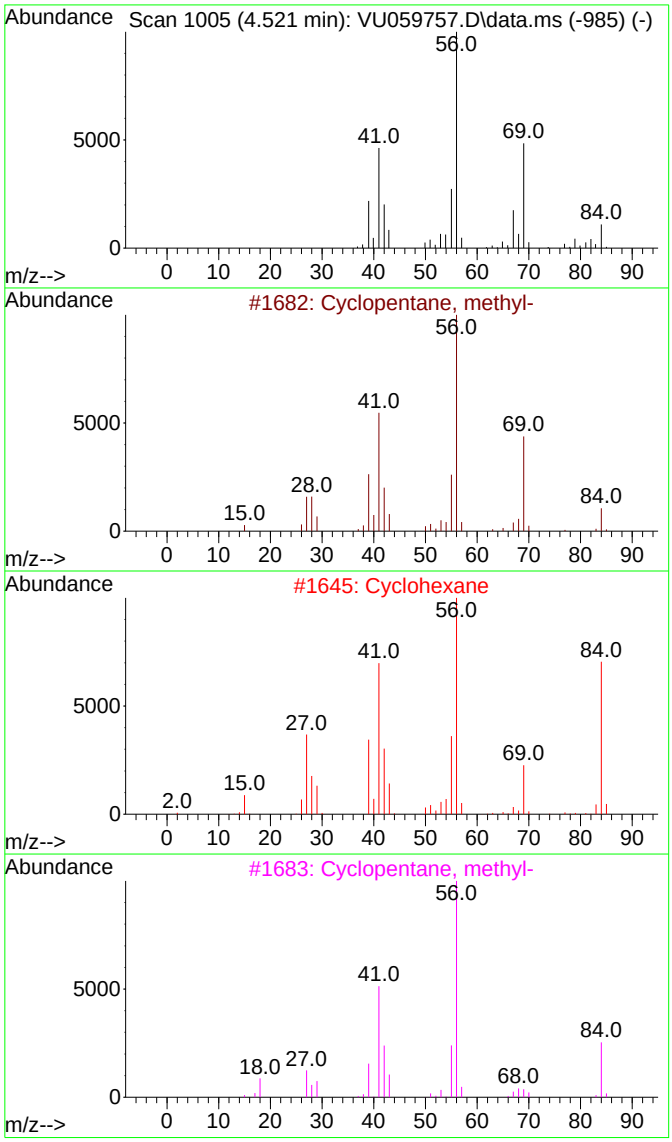
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

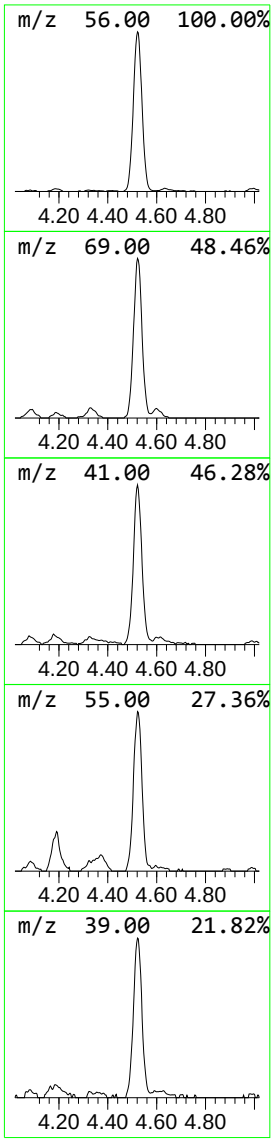
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic4.521 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.521	3.35 ug/L	277797	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	74
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclohexane	84	C6H12	000110-82-7	59





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Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

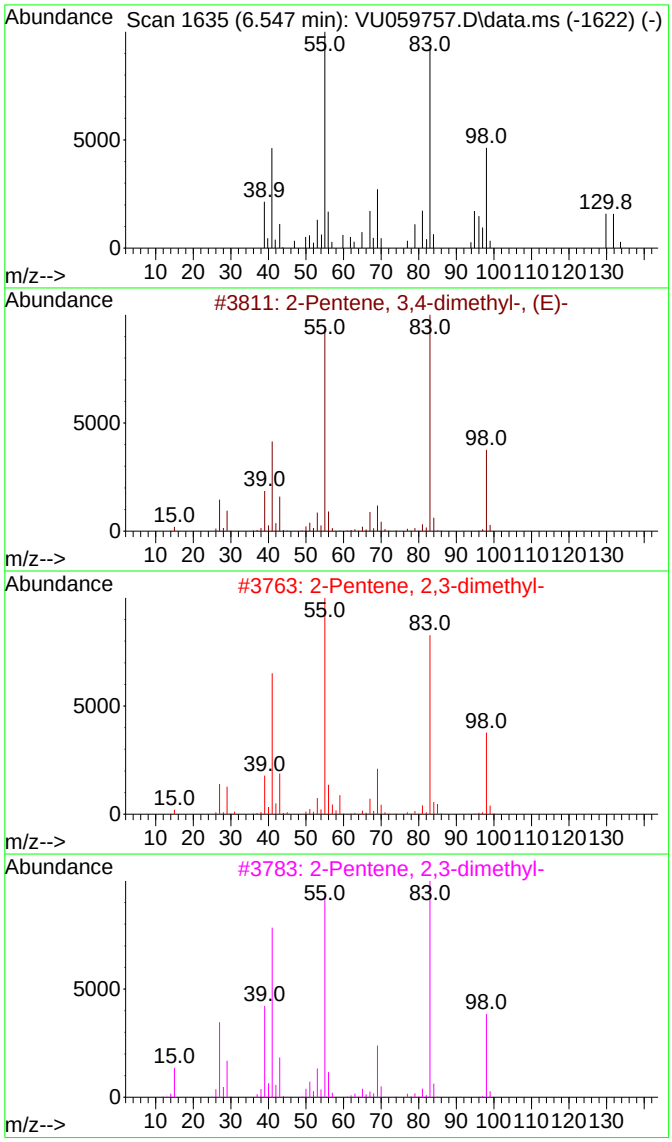
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

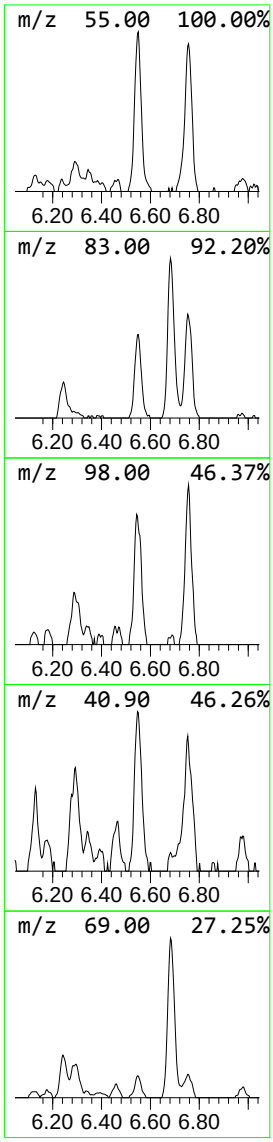
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.547	0.68 ug/L	56264	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	70
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	58
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	58
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	58
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	58





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Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

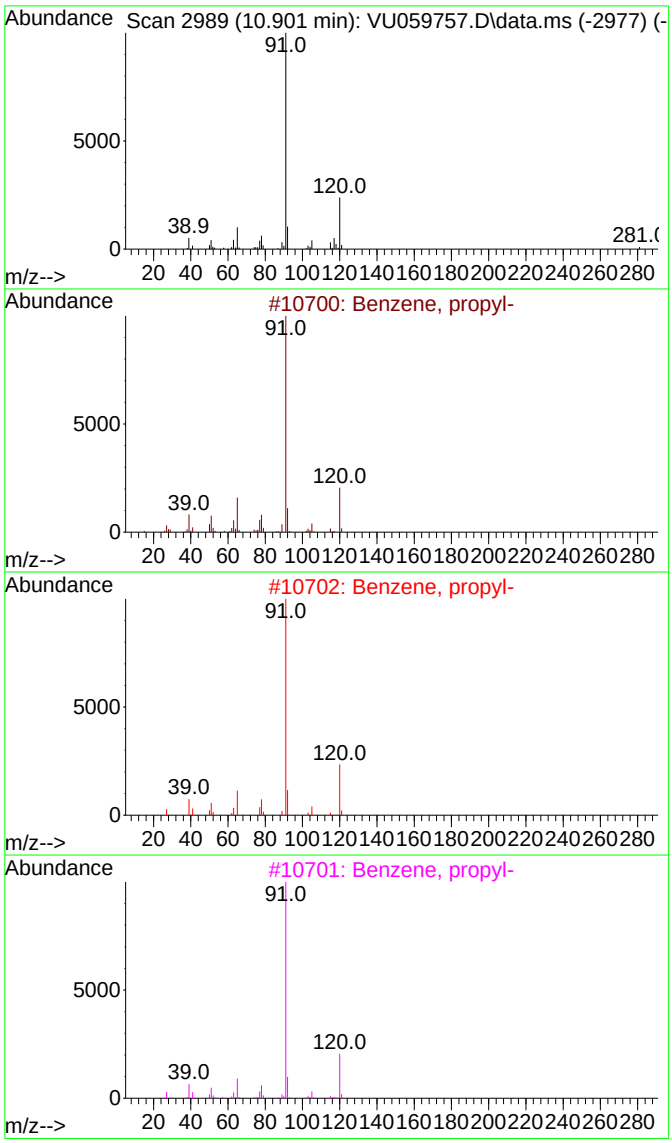
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

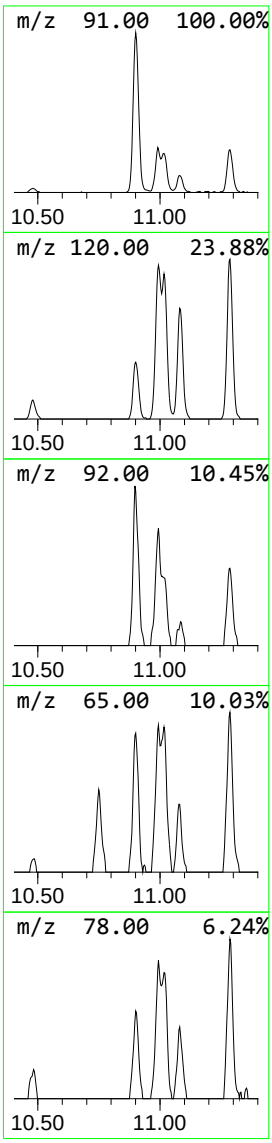
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	0.77 ug/L	78226	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Butylbenzylamine	163	C11H17N	002403-22-7	72





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Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

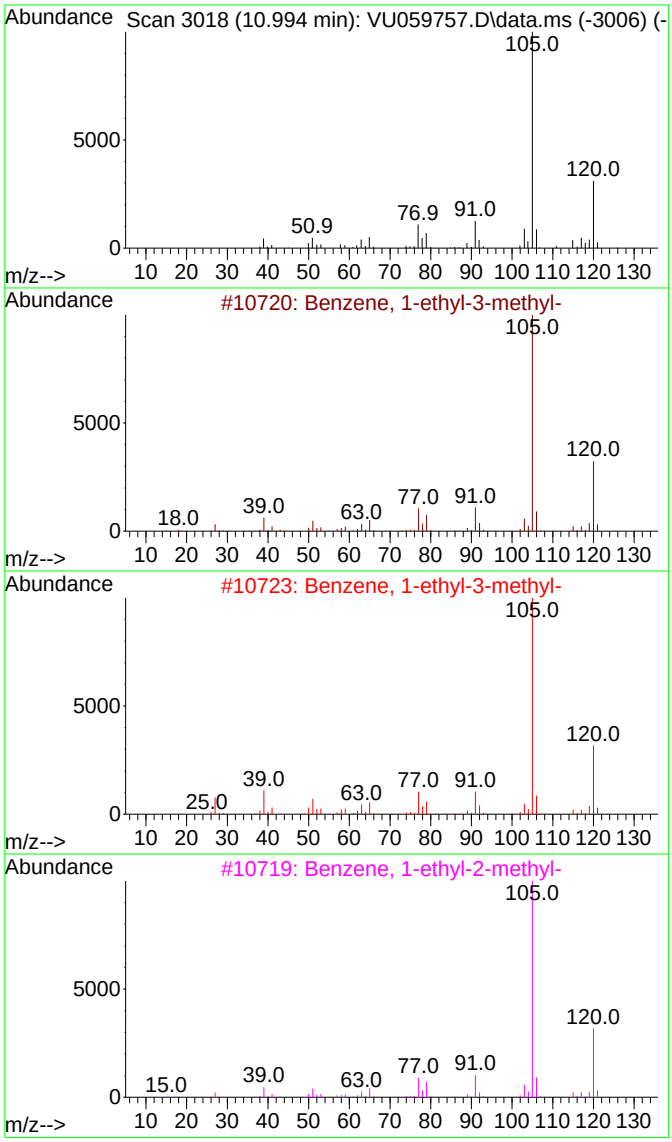
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

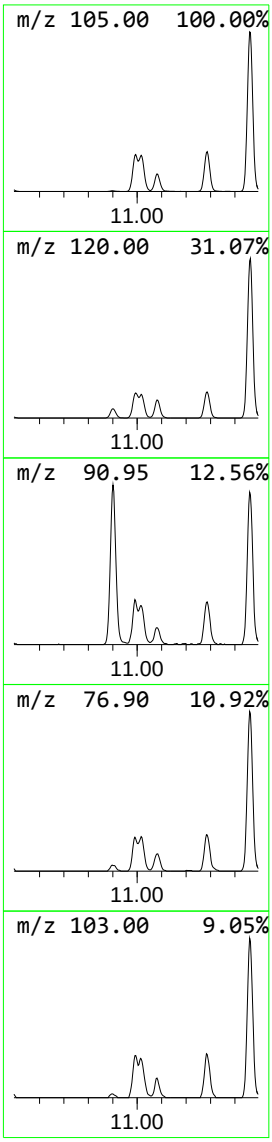
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	1.83 ug/L	186794	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

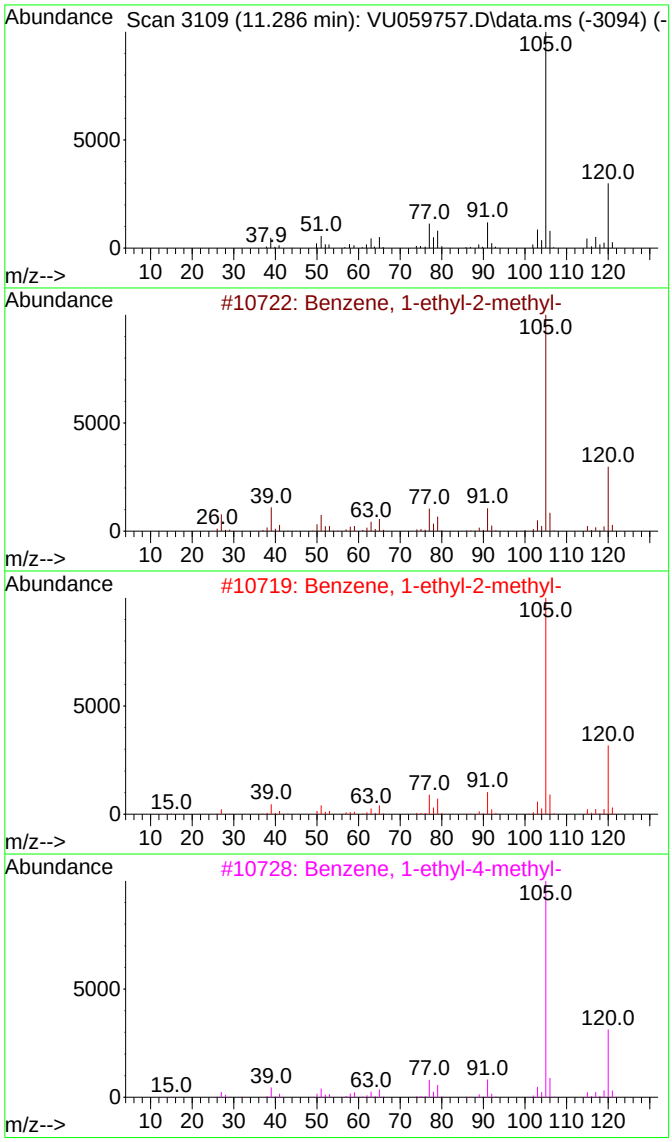
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

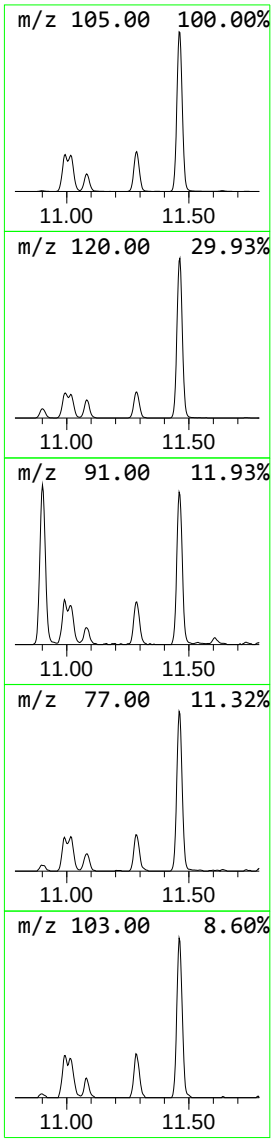
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	2.16 ug/L	220331	1,4-Dichlorobenzene-d4	11.807

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	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

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

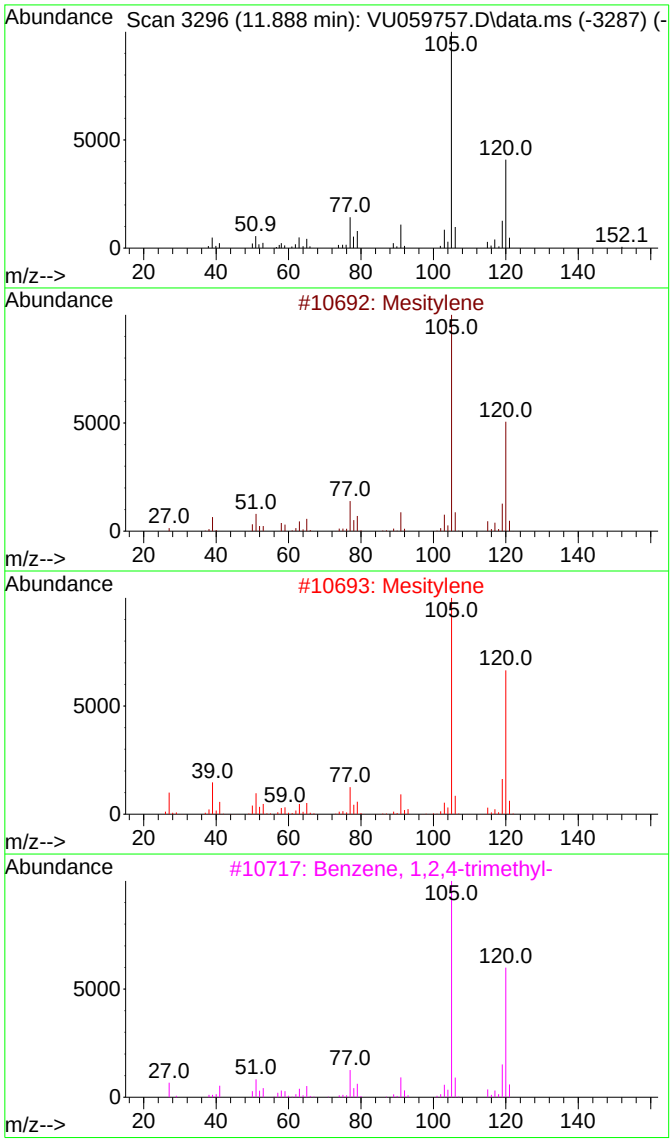
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

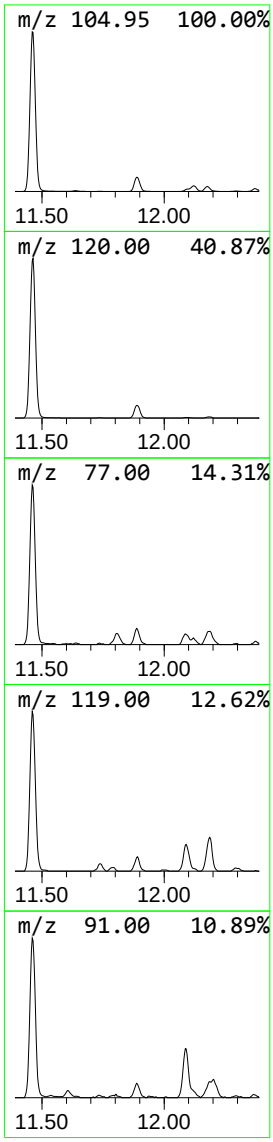
****

Peak Number 13 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	0.83 ug/L	84707	1,4-Dichlorobenzene-d4	11.807

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





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Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

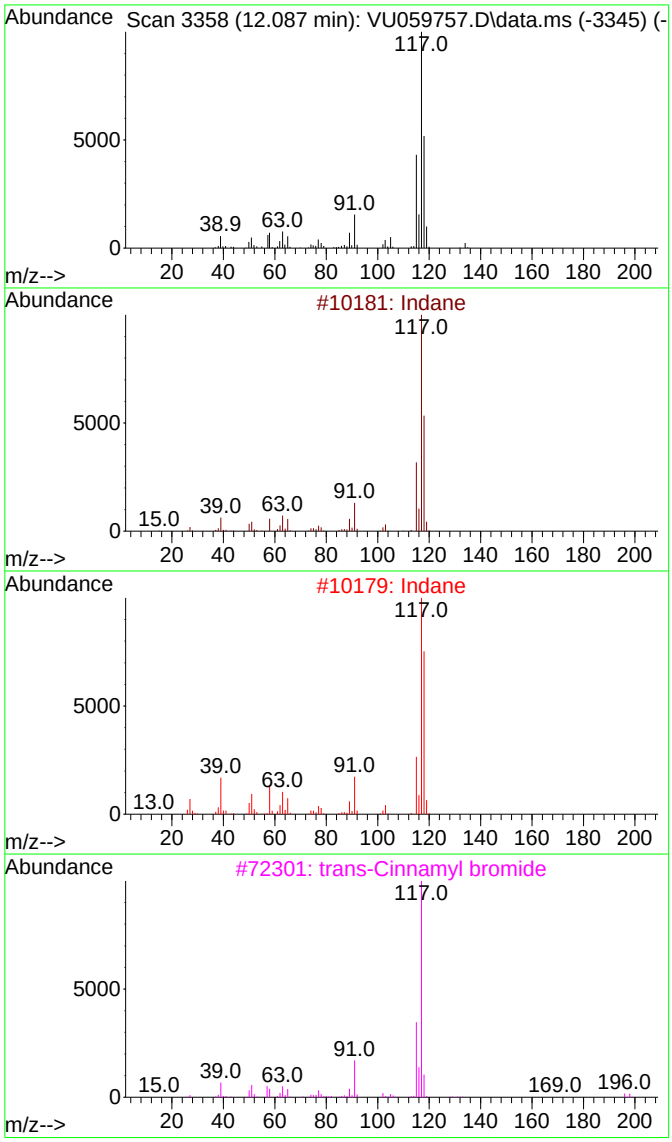
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

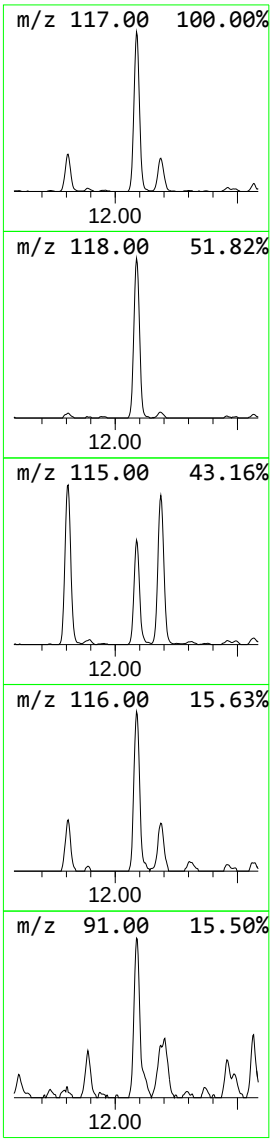
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	2.71 ug/L	276326	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	70
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

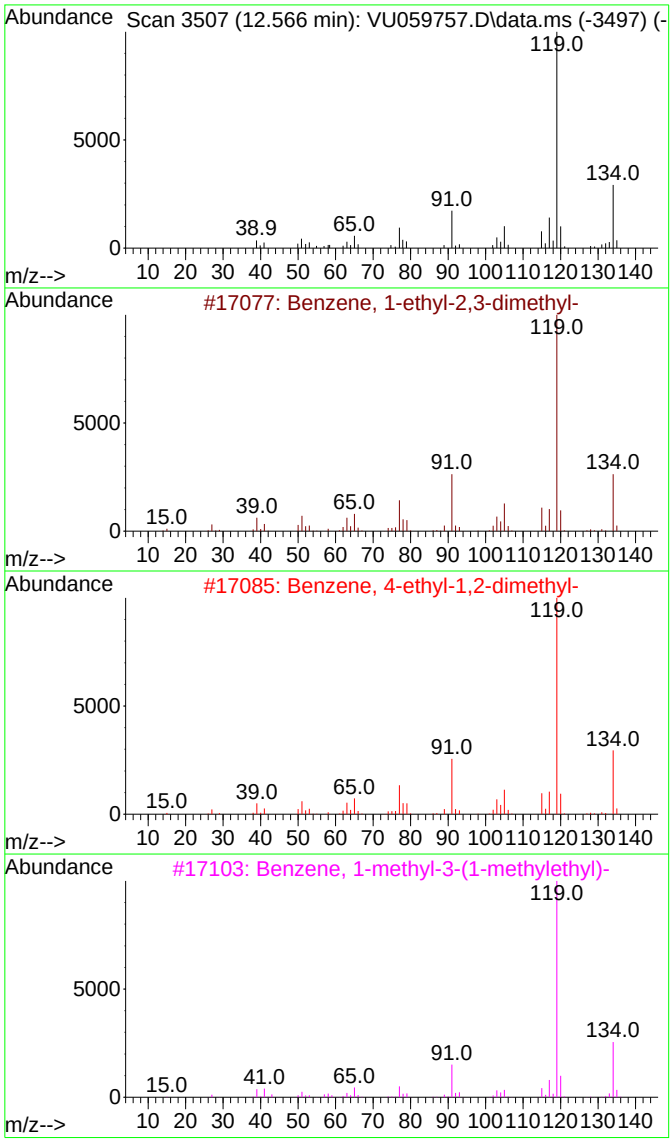
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

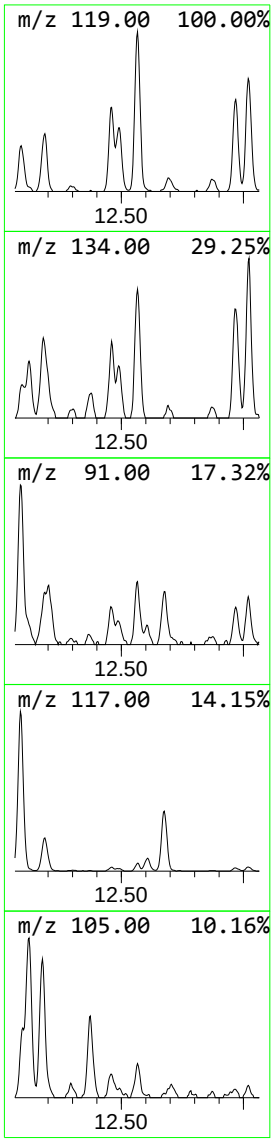
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	0.66 ug/L	66818	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

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

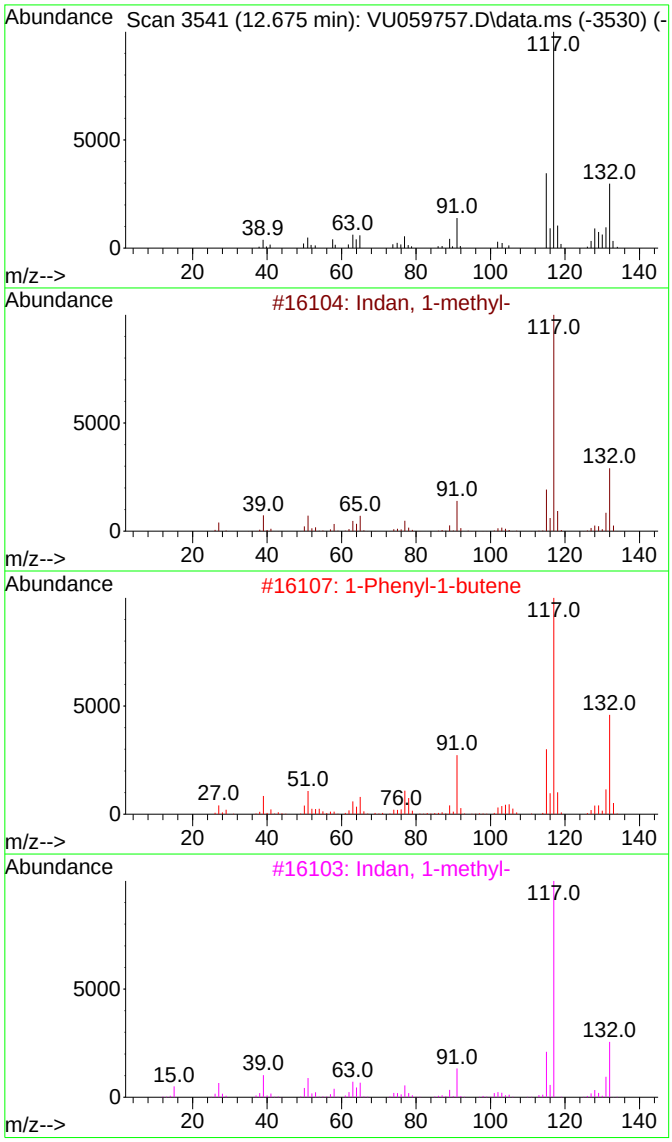
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

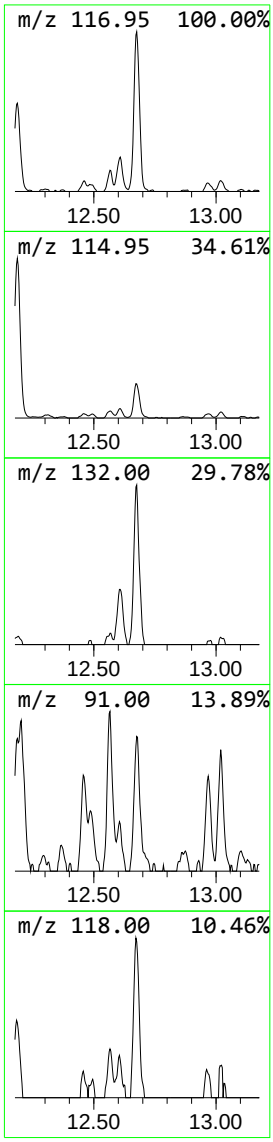
****

Peak Number 16 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	0.88 ug/L	89825	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





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Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

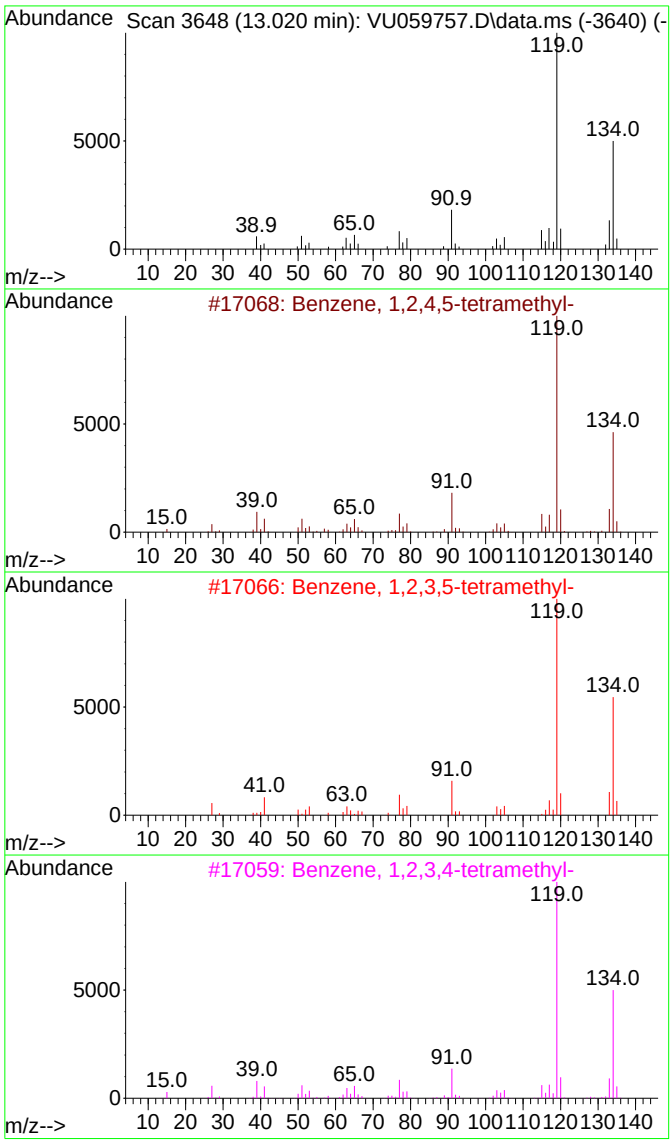
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

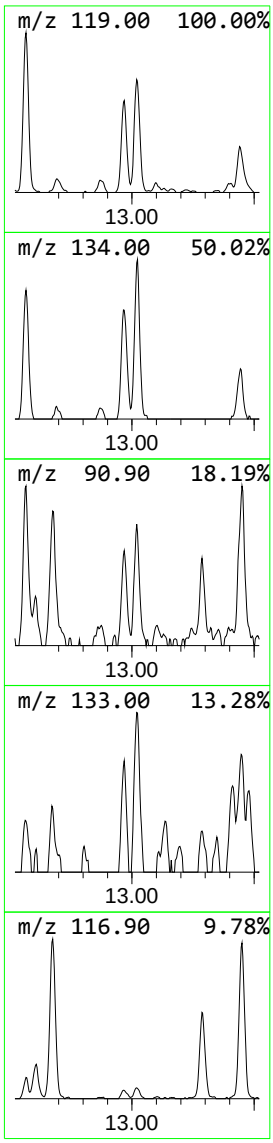
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.020	0.51 ug/L	51592	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

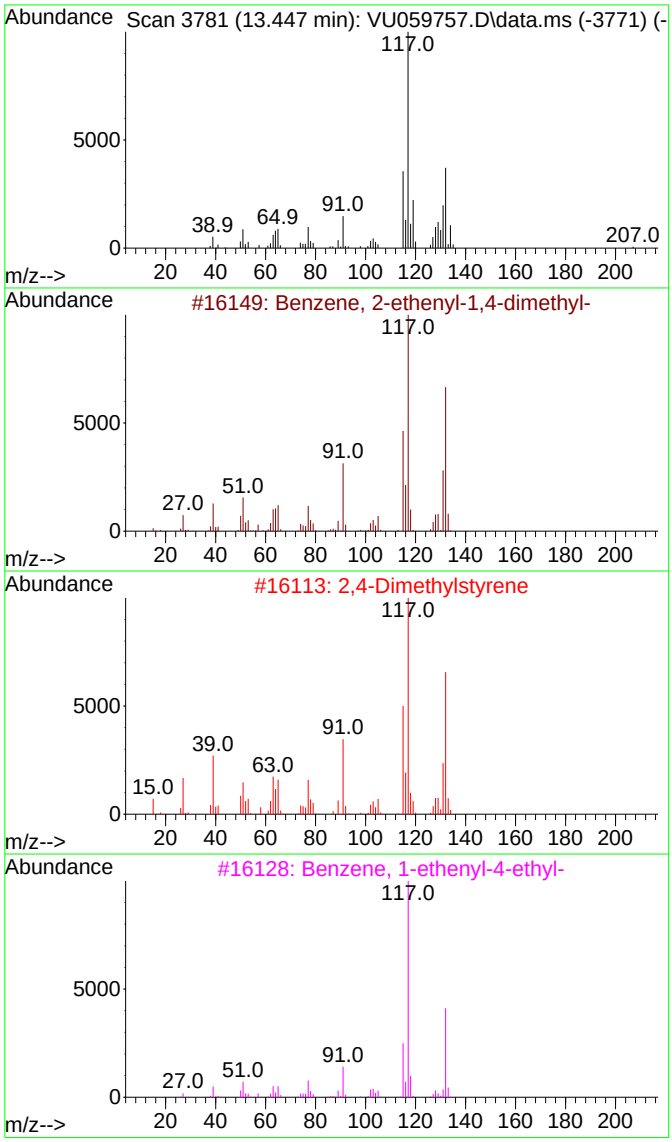
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

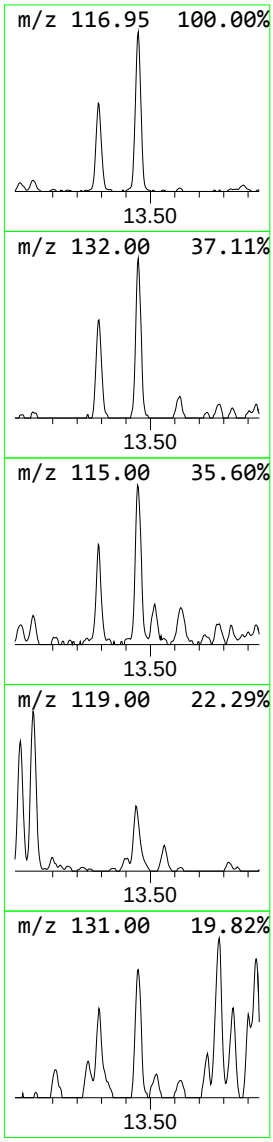
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	1.06 ug/L	108178	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70





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Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

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

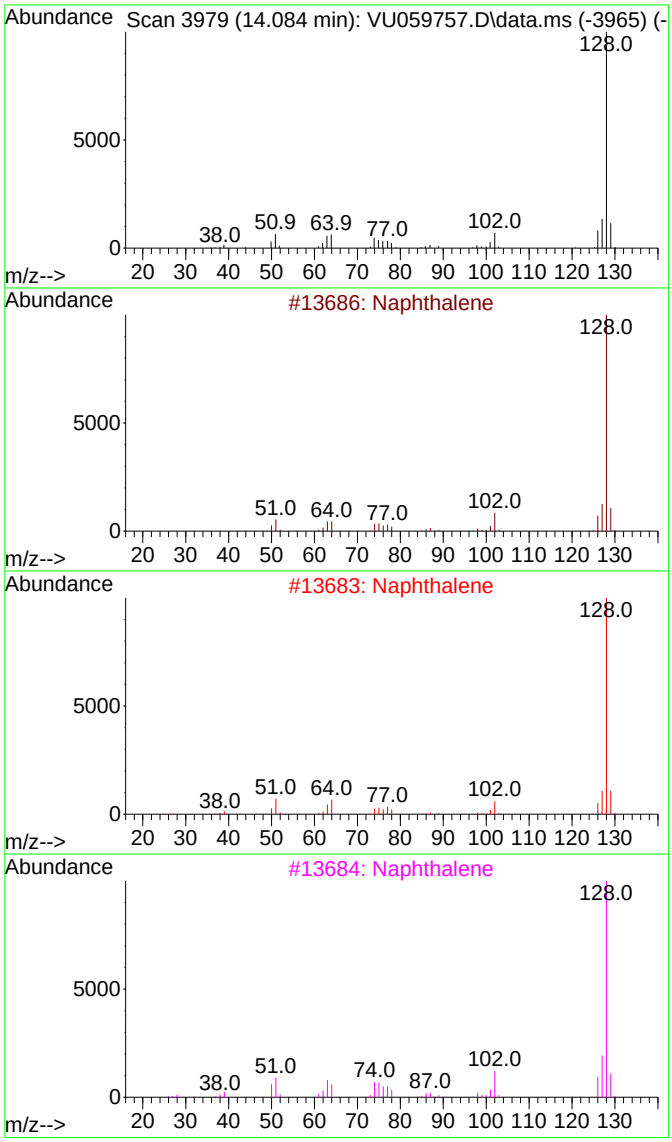
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

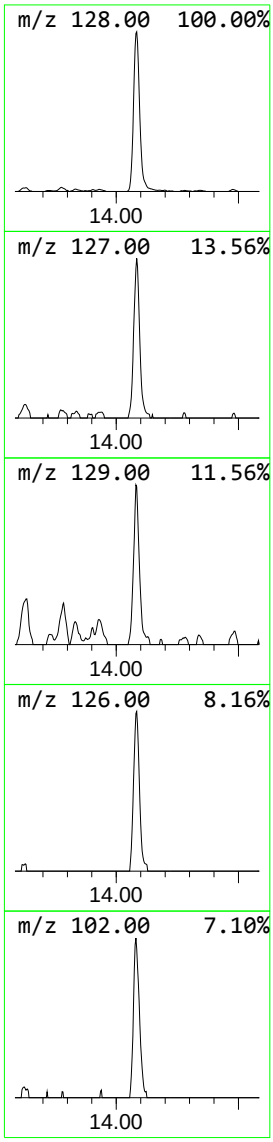
****

Peak Number 19 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	1.23 ug/L	125614	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

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	1.6	ug/L	132114	1	6.242	414044	5.0
(DEL) Alkane: S...	2.197	2.2	ug/L	181998	1	6.242	414044	5.0
(DEL) Alkane: S...	3.075	0.9	ug/L	72270	1	6.242	414044	5.0
(DEL) Alkane: S...	3.351	0.8	ug/L	68205	1	6.242	414044	5.0
2-Ethyl-oxetane	3.692	0.7	ug/L	58767	1	6.242	414044	5.0
(DEL) Alkane: S...	3.911	0.7	ug/L	58098	1	6.242	414044	5.0
(DEL) Alkane: C...	4.521	3.4	ug/L	277797	1	6.242	414044	5.0
(DEL) Alkane: S...	6.547	0.7	ug/L	56264	1	6.242	414044	5.0
Benzene, propyl-	10.901	0.8	ug/L	78226	3	11.807	508983	5.0
Benzene, 1-ethy...	10.994	1.8	ug/L	186794	3	11.807	508983	5.0
Benzene, 1-ethy...	11.287	2.2	ug/L	220331	3	11.807	508983	5.0
unknown-01	11.888	0.8	ug/L	84707	3	11.807	508983	5.0
Indane	12.087	2.7	ug/L	276326	3	11.807	508983	5.0
Benzene, 1-ethy...	12.566	0.7	ug/L	66818	3	11.807	508983	5.0
Indan, 1-methyl-	12.676	0.9	ug/L	89825	3	11.807	508983	5.0
Benzene, 1,2,4,...	13.020	0.5	ug/L	51592	3	11.807	508983	5.0
Benzene, 2-ethe...	13.447	1.1	ug/L	108178	3	11.807	508983	5.0
Azulene	14.084	1.2	ug/L	125614	3	11.807	508983	5.0