LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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: VU059767.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	86	95	111	rVB	82567	96527	10.31%	1.058%
2	1.907	183	192	209	rVV	64122	86825	9.27%	0.952%
3	1.991	209	218	231	rVB2	27926	39248	4.19%	0.430%
4	2.200	274	283	295	rVB	27601	39704	4.24%	0.435%
5	2.560	383	395	413	rBV	113753	186237	19.89%	2.042%
6	3.039	533	544	551	rBV2	12224	23296	2.49%	0.255%
7	3.129	563	572	583	rBV4	8628	15875	1.70%	0.174%
8	3.354	630	642	656	rVB5	7064	15277	1.63%	0.167%
9	3.692	737	747	760	rBV6	4868	10740	1.15%	0.118%
10	4.521	988	1005	1022	rBV2	28829	67556	7.22%	0.741%
11	4.653	1022	1046	1080	rBV3	133481	479995	51.27%	5.262%
12	5.052	1156	1170	1190	rBV	101509	226403	24.18%	2.482%
13	5.380	1256	1272	1290	rBV2	33930	78183	8.35%	0.857%
14	5.718	1357	1377	1408	rBV2	209551	545285	58.24%	5.977%
15	6.242	1527	1540	1565	rBV	188721	369153	39.43%	4.047%
16	6.541	1624	1633	1646	rBV	8362	17434	1.86%	0.191%
17	6.682	1665	1677	1692	rBV	129826	253471	27.07%	2.779%
18	6.756	1693	1700	1715	rVB8	10748	21439	2.29%	0.235%
19	7.560	1939	1950	1969	rBV	56594	101663	10.86%	1.114%
20	7.891	2032	2053	2067	rBV	252104	439609	46.96%	4.819%
21	7.965	2067	2076	2089	rVB	64222	113057	12.08%	1.239%
22	8.174	2128	2141	2156	rBV	33465	58815	6.28%	0.645%
23	8.627	2267	2282	2314	rBV	244371	466538	49.83%	5.114%
24	9.412	2511	2526	2550	rBV	277690	466194	49.80%	5.110%
25	9.563	2561	2573	2589	rBV	178491	288060	30.77%	3.158%
26	9.685	2596	2611	2633	rBV	557028	936210	100.00%	10.263%
27	10.094	2726	2738	2758	rVB	133843	220432	23.55%	2.416%
28	10.479	2847	2858	2869	rBV2	14744	22608	2.41%	0.248%
29	10.749	2929	2942	2955	rBV	102636	162054	17.31%	1.776%
30	10.901	2978	2989	3004	rBV	48330	76873	8.21%	0.843%
31	10.991	3005	3017	3023	rBV	111665	185108	19.77%	2.029%
32	11.081	3036	3045	3058	rVB	74361	113306	12.10%	1.242%
33	11.286	3098	3109	3124	rVB	56205	89610	9.57%	0.982%
34	11.463	3152	3164	3179	rBV	239606	373269	39.87%	4.092%
35	11.637	3212	3218	3230	rVB2	7398	11764	1.26%	0.129%
36	11.804	3258	3270	3287	rBV	286471	460006	49.13%	5.043%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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	11.891	3287	3297	3313	rVB	42382	68691	7.34%	0.753%
38	12.090	3347	3359	3377	rBV2	119303	210726	22.51%	2.310%
39	12.187	3377	3389	3410	rVV2	283726	483841	51.68%	5.304%
40	12.299	3414	3424	3433	rVV4	7422	13151	1.40%	0.144%
41	12.373	3437	3447	3459	rVB	9532	13322	1.42%	0.146%
42	12.460	3465	3474	3479	rBV2	14764	22679	2.42%	0.249%
43	12.489	3479	3483	3492	rVB	11725	16137	1.72%	0.177%
44	12.566	3495	3507	3514	rBV	71730	109777	11.73%	1.203%
45	12.605	3514	3519	3531	rVV2	23827	35160	3.76%	0.385%
46	12.672	3531	3540	3562	rVV	68645	119038	12.71%	1.305%
47	12.865	3590	3600	3610	rBV8	5672	10002	1.07%	0.110%
48	12.965	3615	3631	3640	rBV	37991	58993	6.30%	0.647%
49	13.019	3640	3648	3663	rVB2	22886	35502	3.79%	0.389%
50	13.106	3663	3675	3689	rBV6	6699	14311	1.53%	0.157%
51	13.245	3710	3718	3723	rBV3	7119	9665	1.03%	0.106%
52	13.286	3723	3731	3748	rVB	35252	57134	6.10%	0.626%
53	13.447	3770	3781	3796	rVV2	111893	178406	19.06%	1.956%
54	13.618	3824	3834	3846	rVB3	23694	38515	4.11%	0.422%
55	13.778	3875	3884	3892	rVV2	21104	35978	3.84%	0.394%
56	13.833	3892	3901	3910	rVV6	27440	47902	5.12%	0.525%
57	13.904	3910	3923	3926	rVV5	14855	26150	2.79%	0.287%
58	13.933	3927	3932	3951	rVB3	26755	49564	5.29%	0.543%
59	14.084	3964	3979	3998	rBV	33102	63994	6.84%	0.701%
60	14.187	4002	4011	4024	rVB5	6745	11490	1.23%	0.126%
61	14.280	4030	4040	4051	rBV4	15525	26149	2.79%	0.287%
62	14.341	4051	4059	4069	rVB2	11266	16701	1.78%	0.183%
63	14.479	4092	4102	4113	rBV3	16960	27095	2.89%	0.297%
64	14.666	4148	4160	4176	rBV5	18837	44441	4.75%	0.487%
65	14.868	4215	4223	4233	rVB4	13432	21465	2.29%	0.235%
66	15.010	4258	4267	4278	rBV5	10501	17001	1.82%	0.186%
67	15.222	4327	4333	4342	rVB	8139	11094	1.18%	0.122%
68	15.408	4379	4391	4400	rBV	27693	46649	4.98%	0.511%
69	16.261	4648	4656	4665	rBV5	5328	10210	1.09%	0.112%
70	16.408	4691	4702	4709	rBV4	7787	13793	1.47%	0.151%

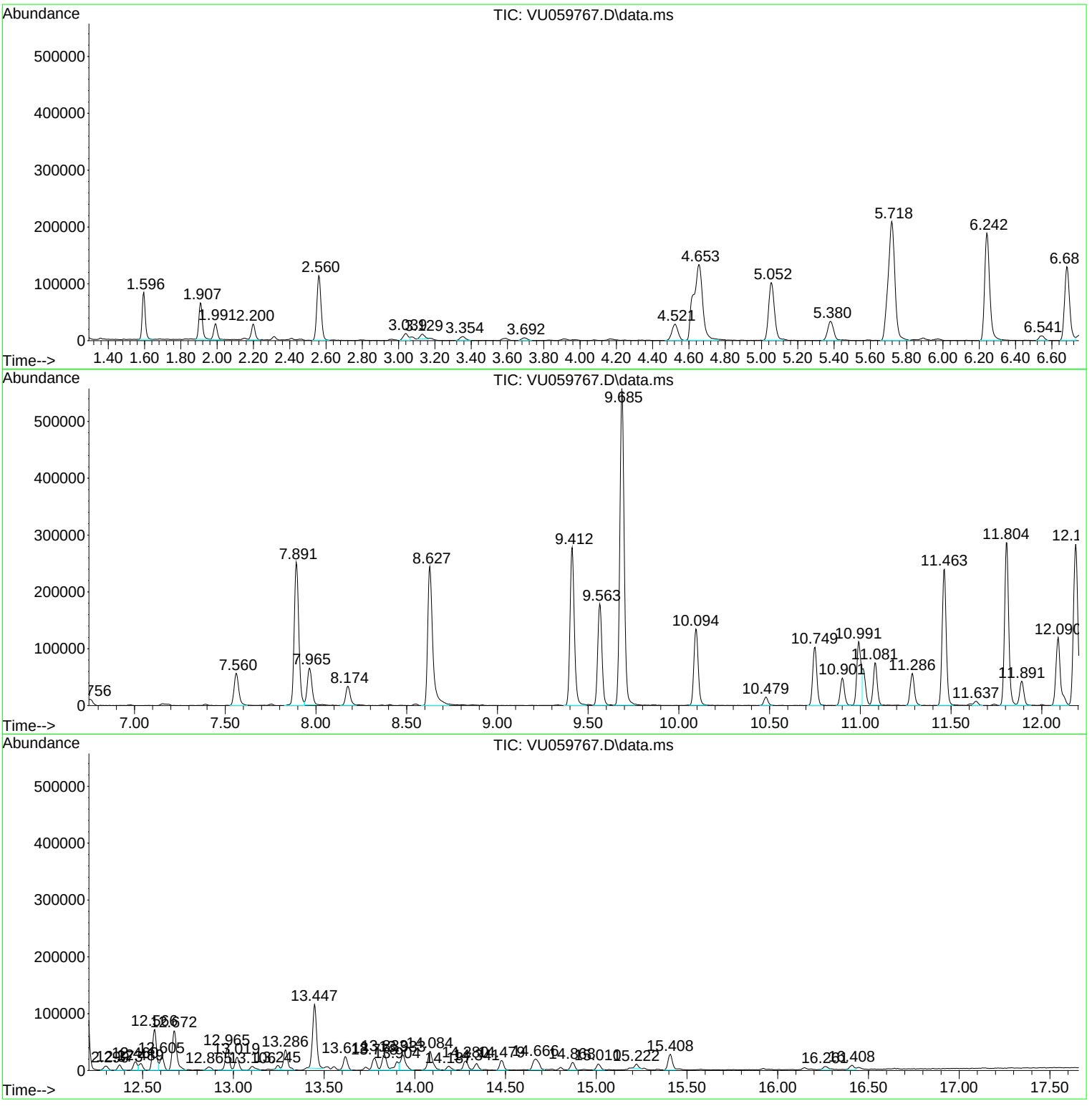
Sum of corrected areas: 9122550

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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 : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

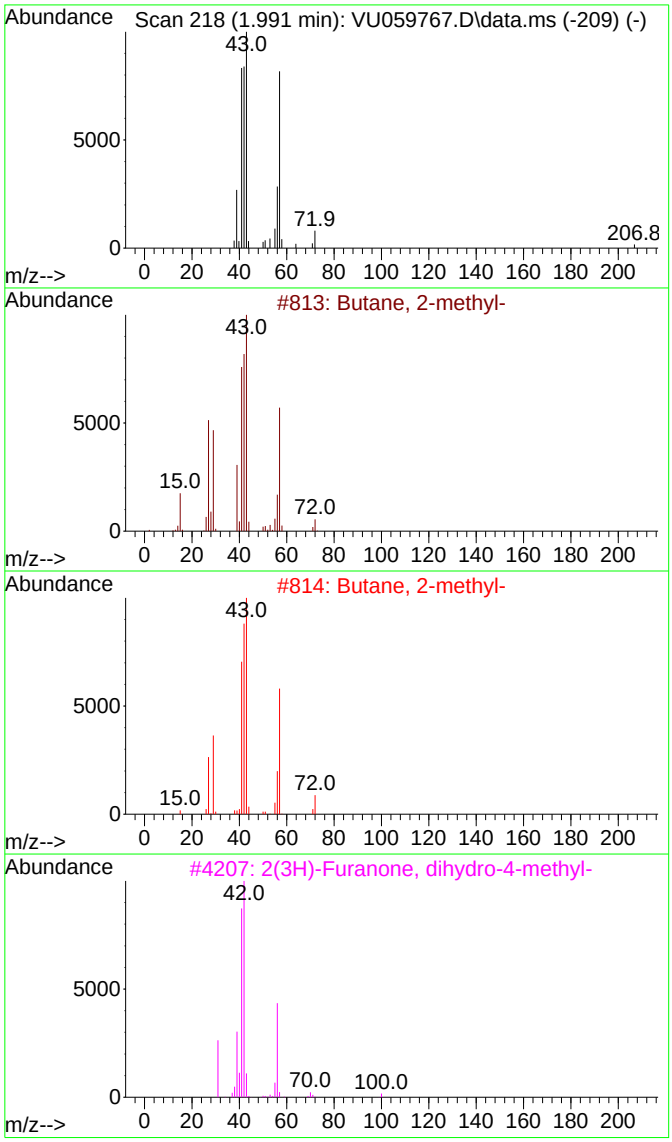
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

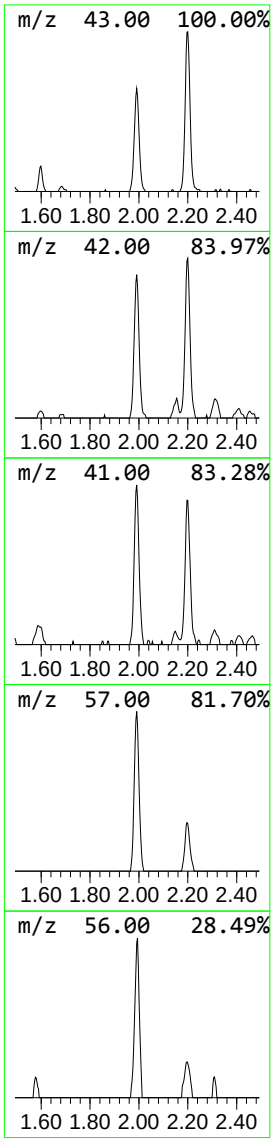
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	0.53 ug/L	39248	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	80
2	Butane, 2-methyl-	72	C5H12	000078-78-4	72
3	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	42
4	Pentane	72	C5H12	000109-66-0	38
5	3-Buten-1-ol	72	C4H8O	000627-27-0	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

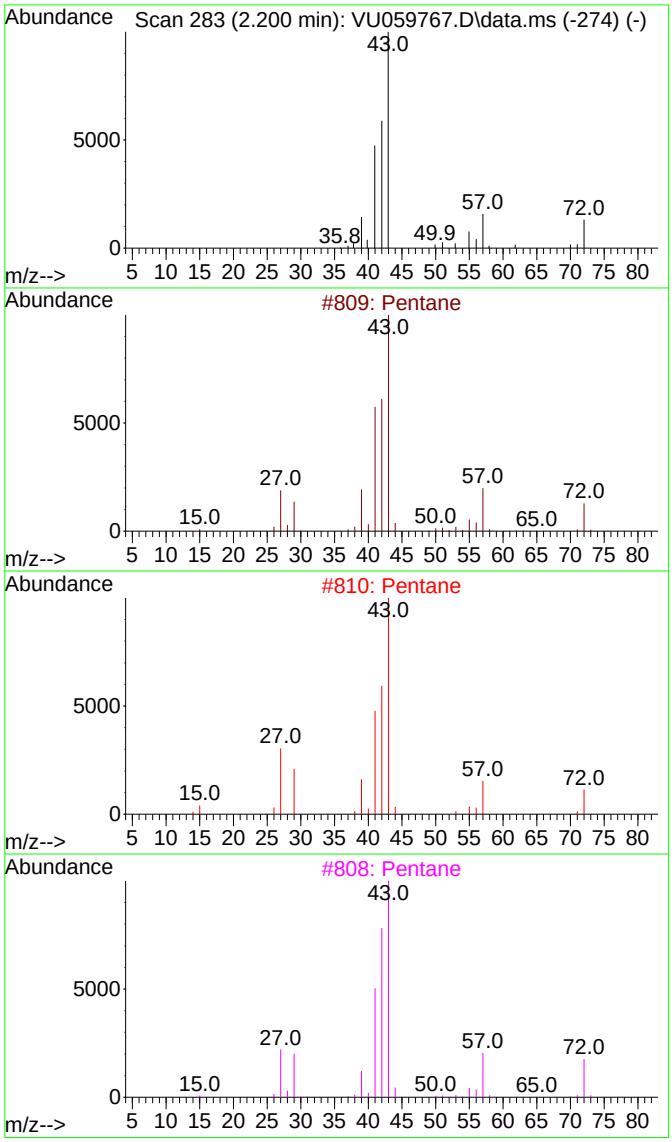
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

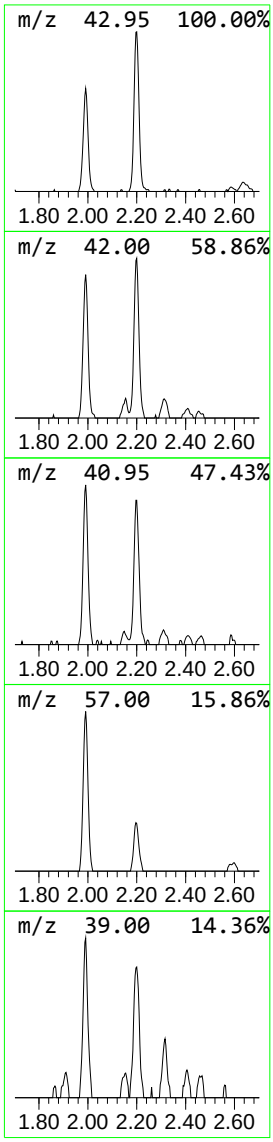
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.200	0.54 ug/L	39704	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	78
4	Pentane	72	C5H12	000109-66-0	78
5	Pentane	72	C5H12	000109-66-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

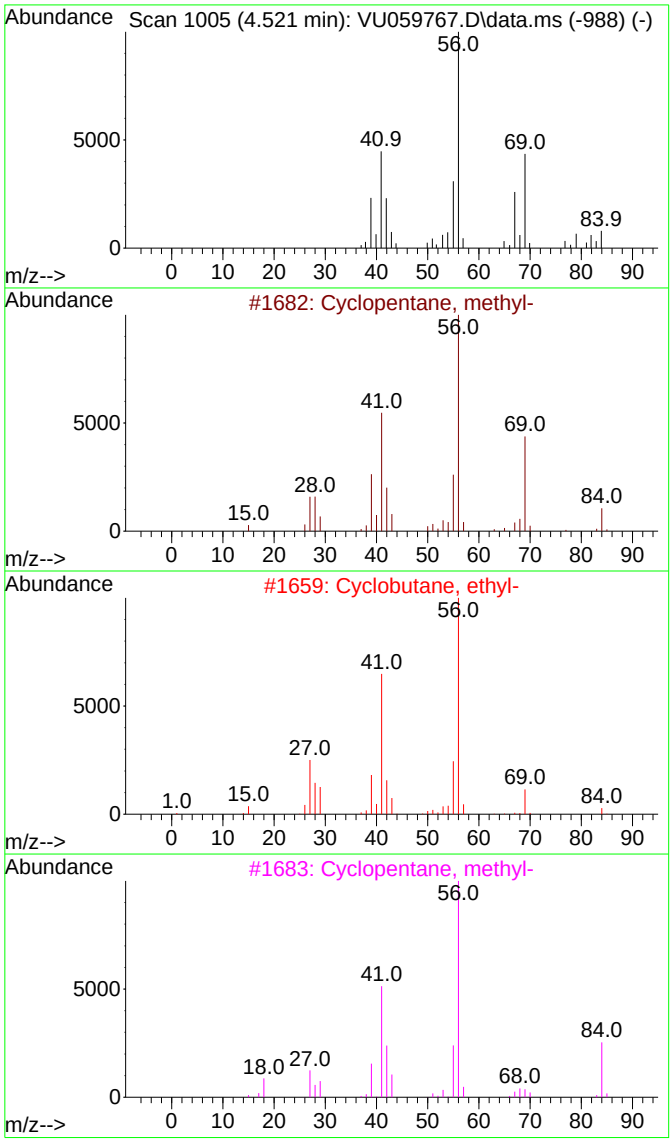
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

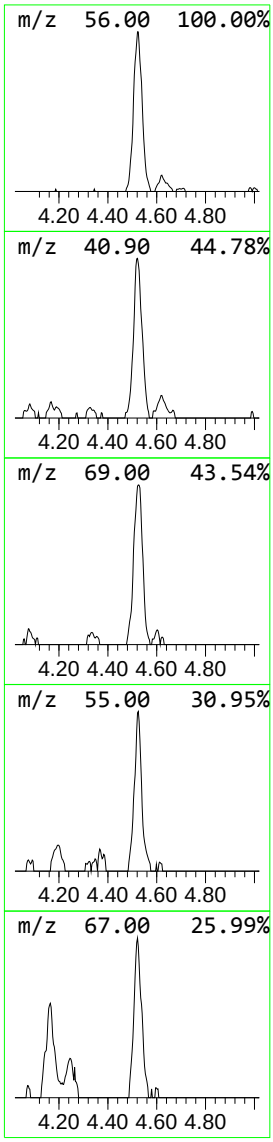
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.521 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.521	0.92 ug/L	67556	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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

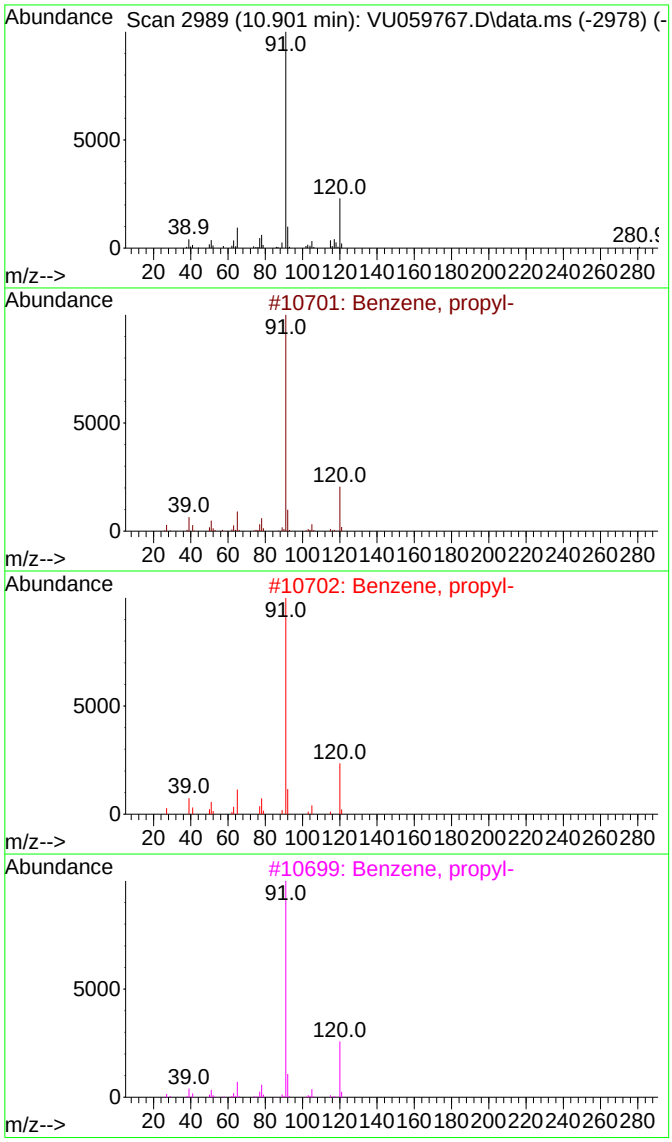
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

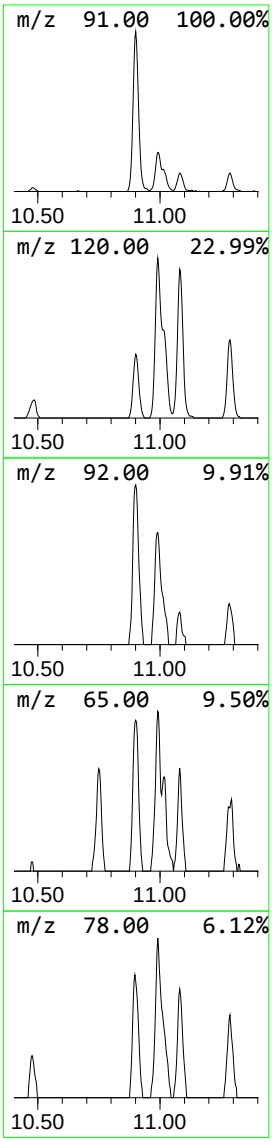
****

Peak Number 5 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	0.84 ug/L	76873	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	68
4	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

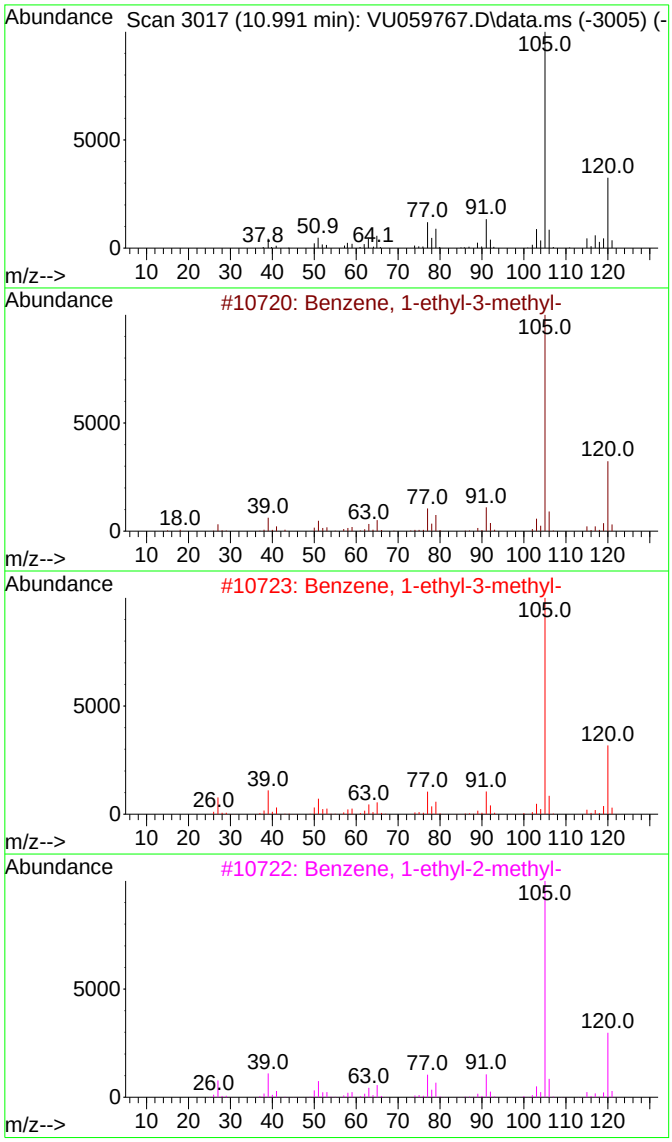
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

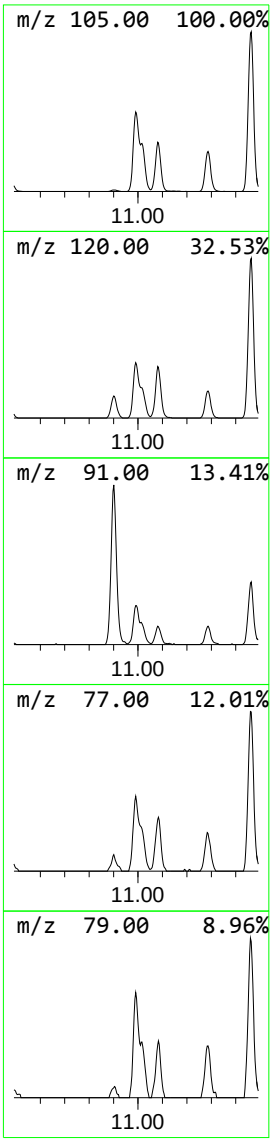
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.991	2.01 ug/L	185108	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





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Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

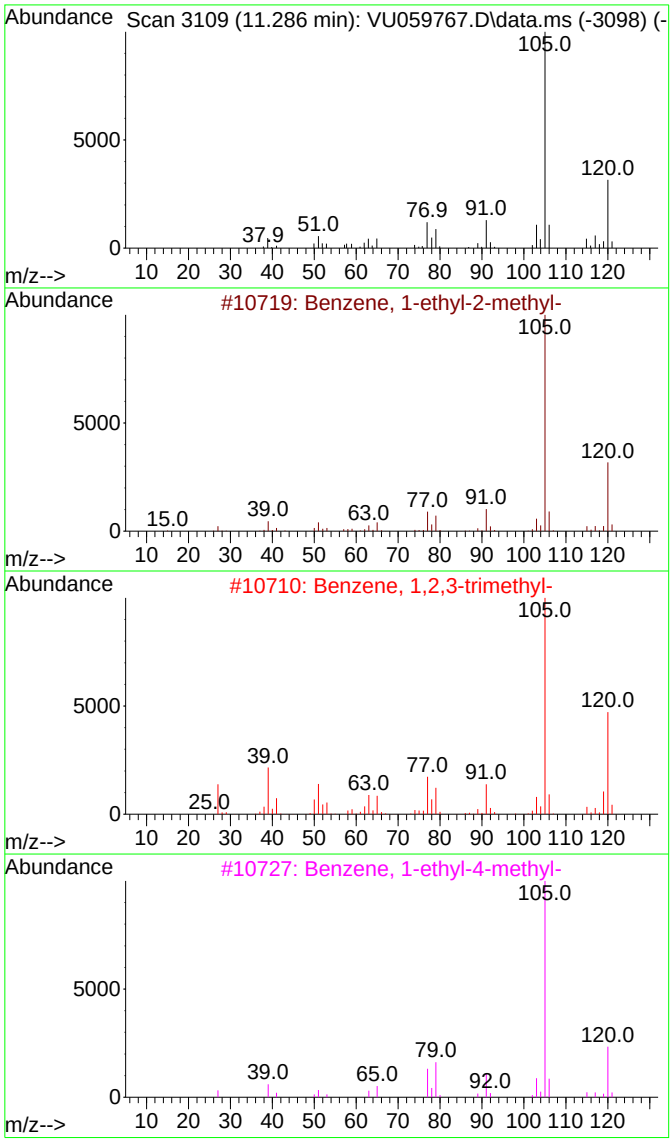
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

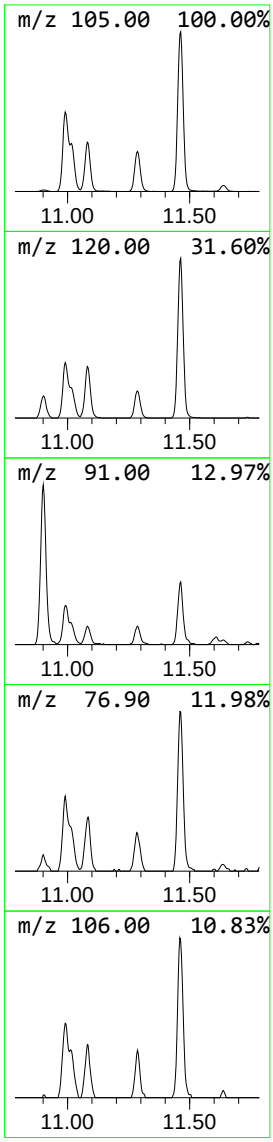
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	0.97 ug/L	89610	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

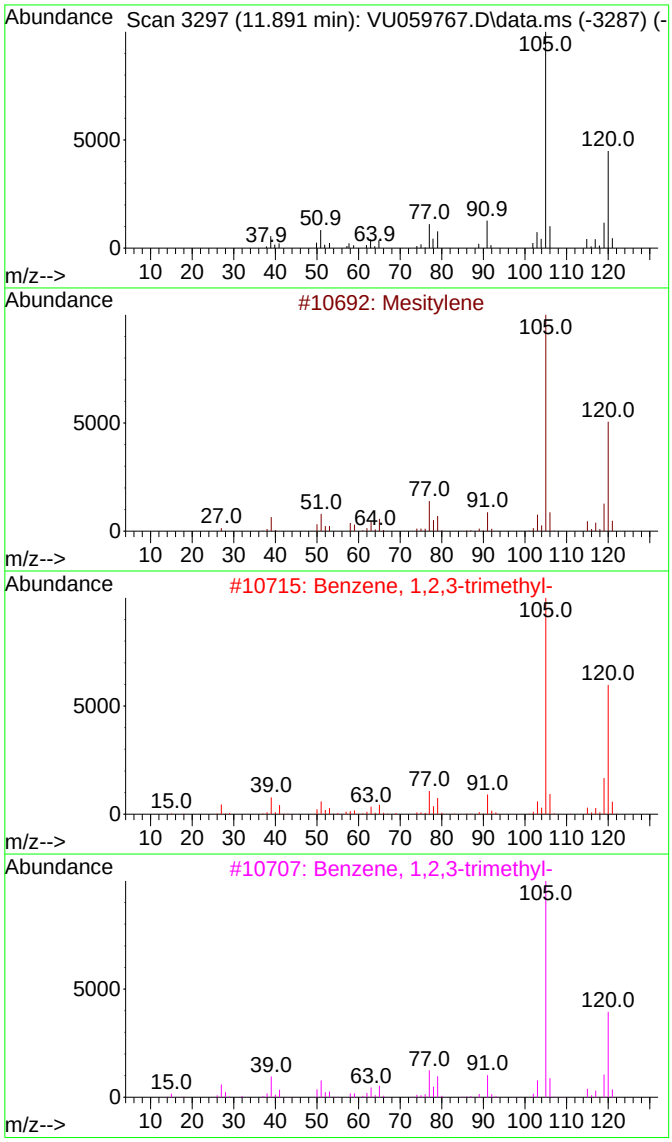
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

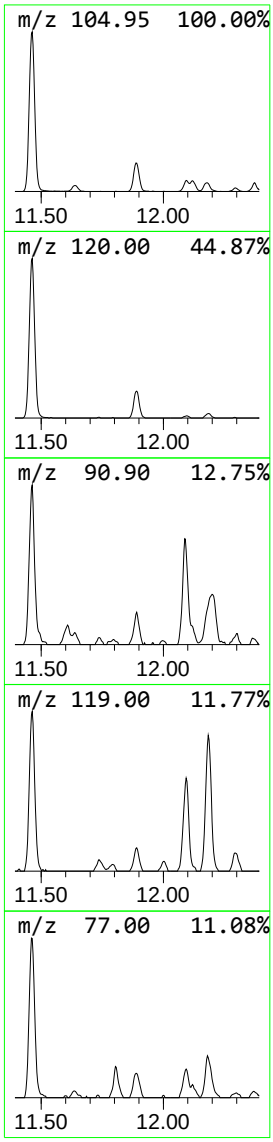
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	0.75 ug/L	68691	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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

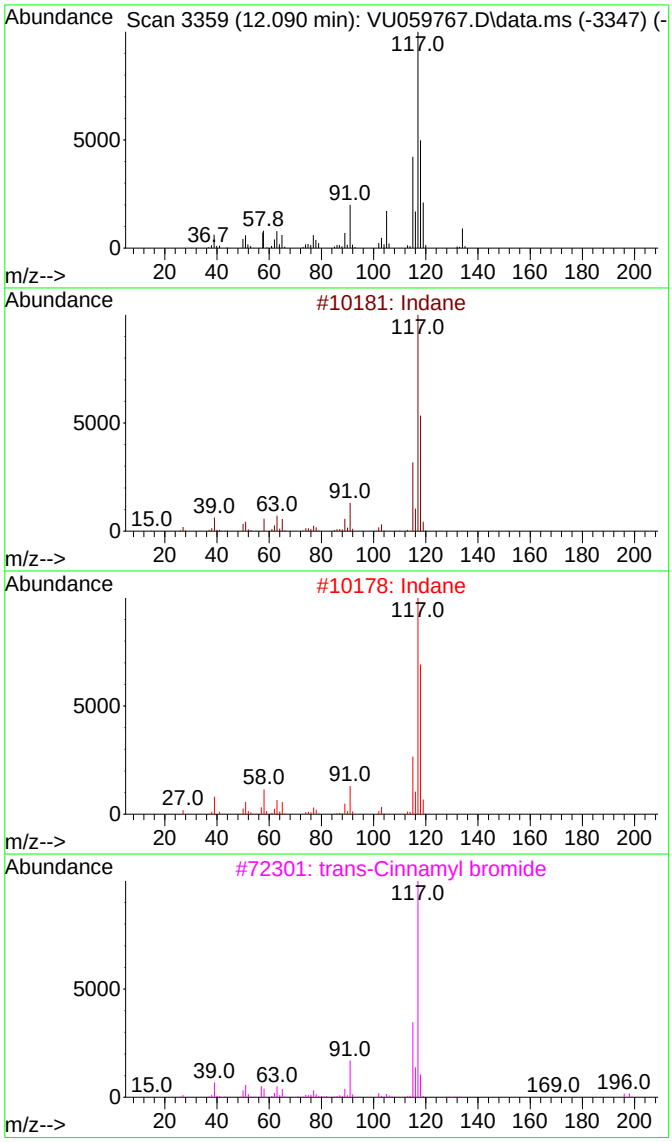
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

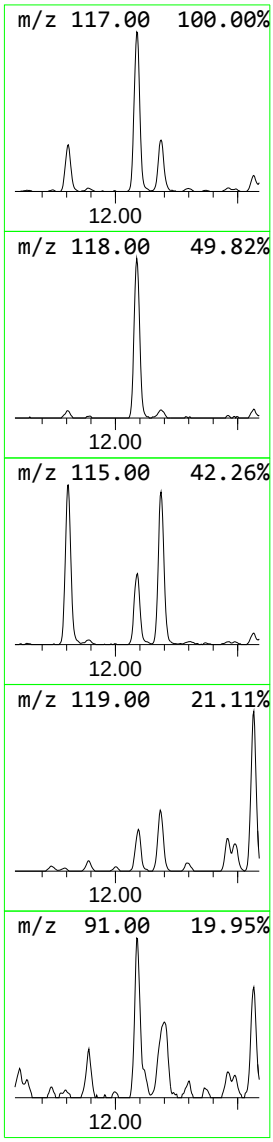
****

Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	2.29 ug/L	210726	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	64
2	Indane	118	C9H10	000496-11-7	60
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	52
4	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	50
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	49





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Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

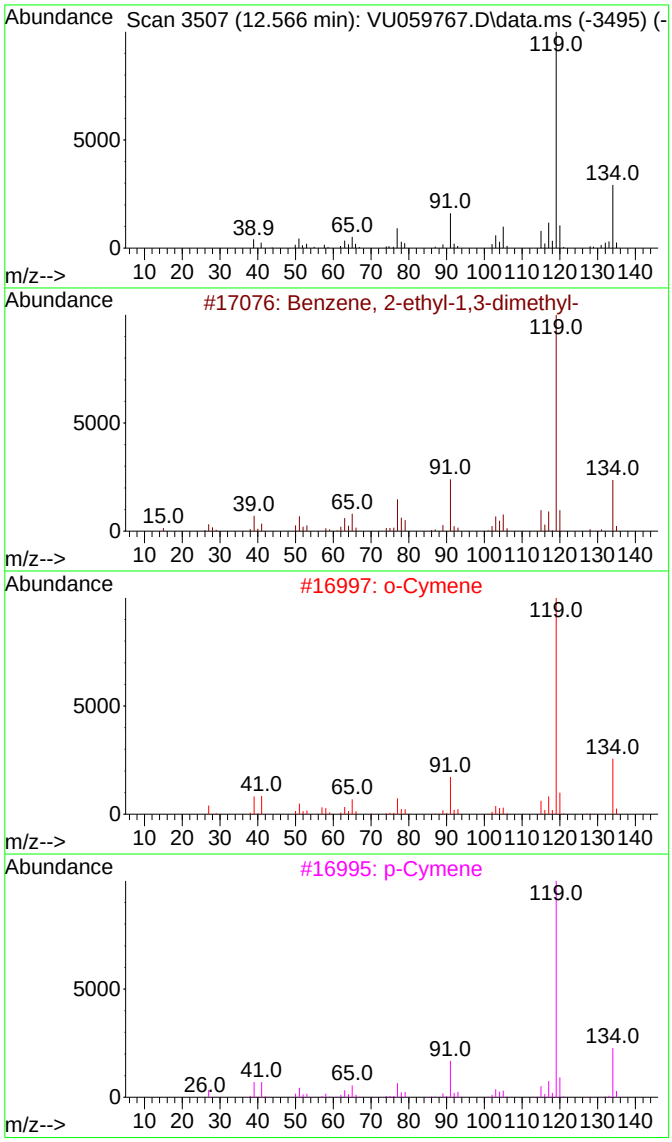
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

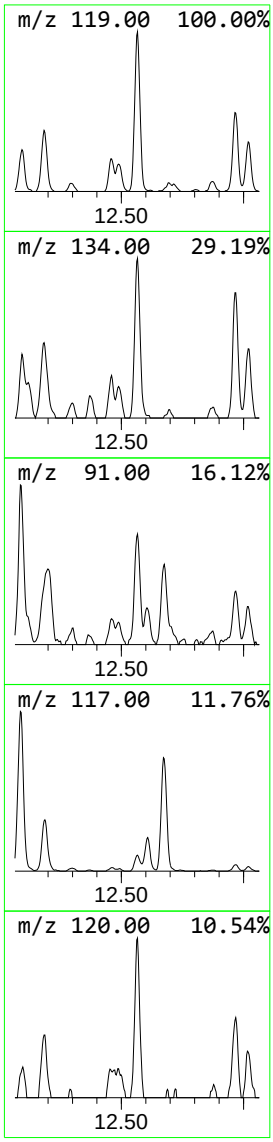
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	1.19 ug/L	109777	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

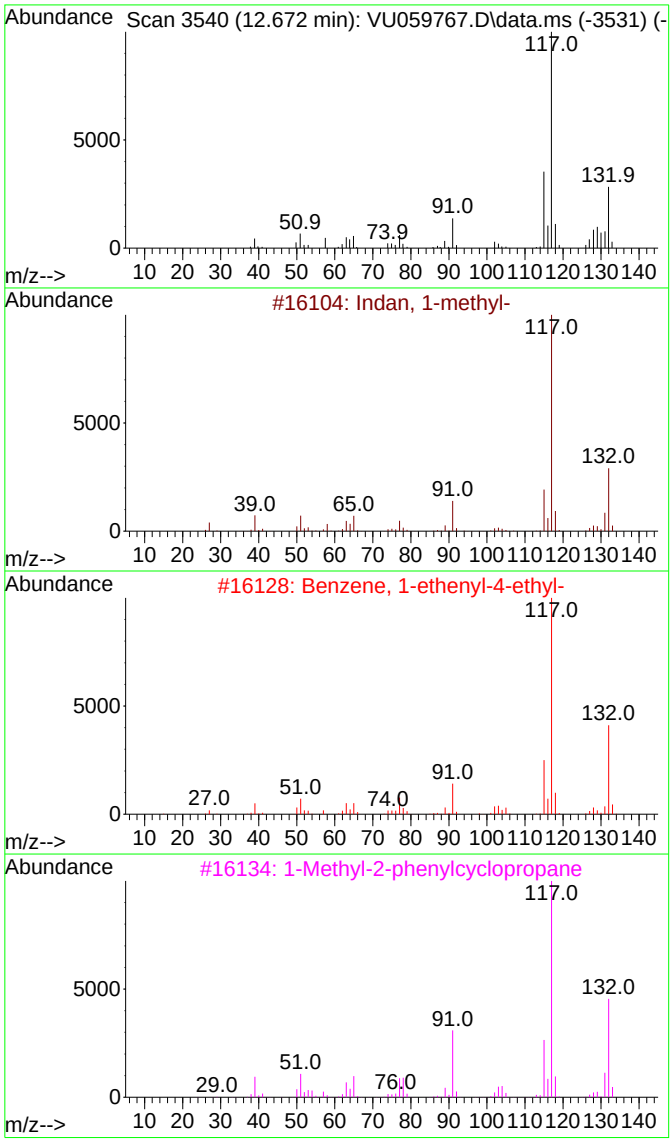
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

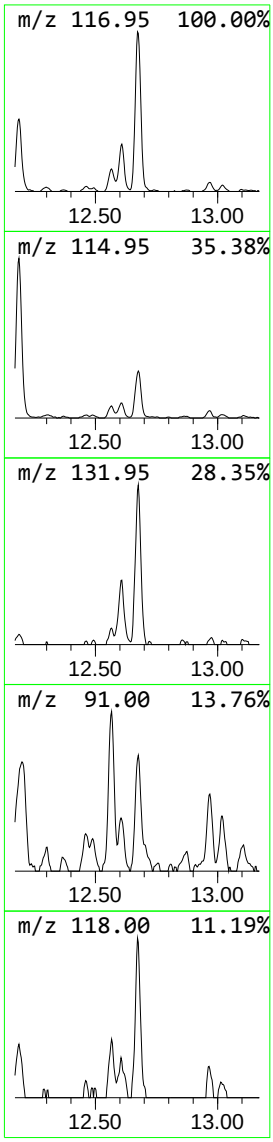
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.672	1.29 ug/L	119038	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	80
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

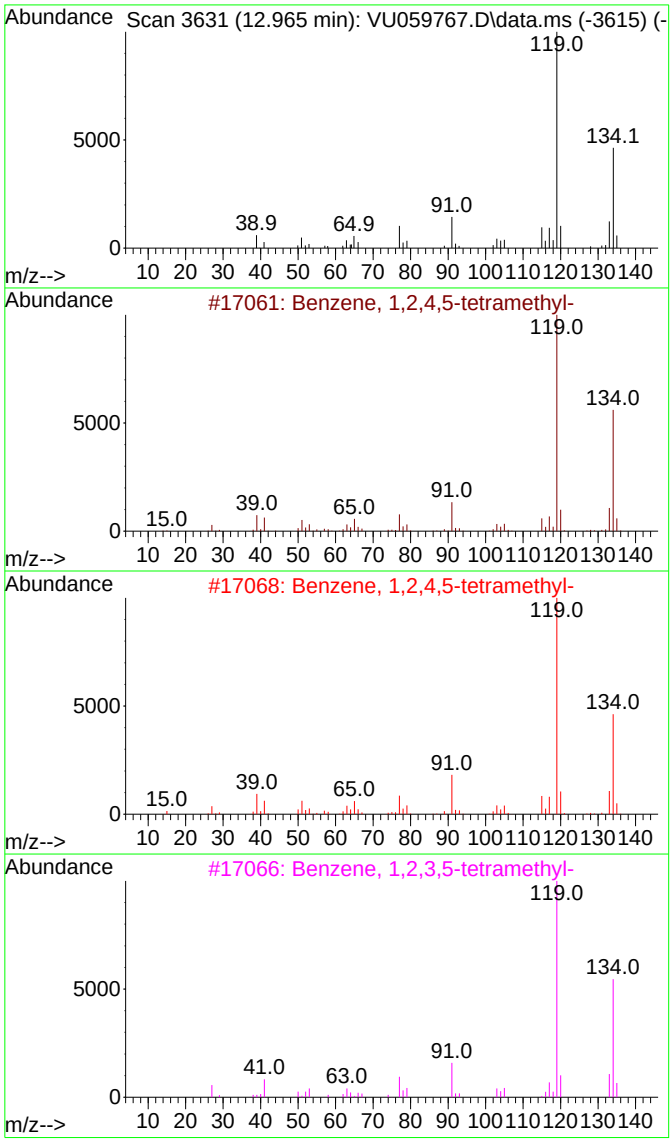
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

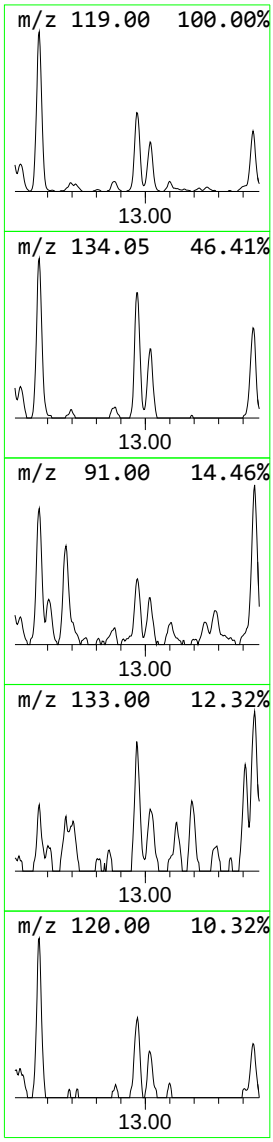
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	0.64 ug/L	58993	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	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

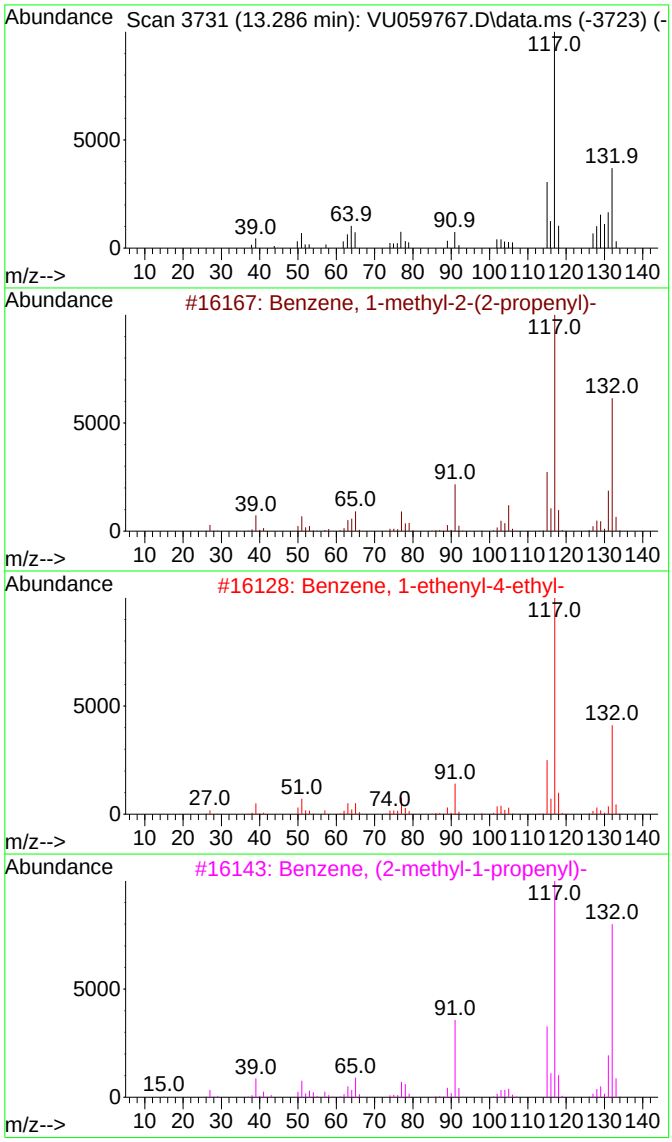
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

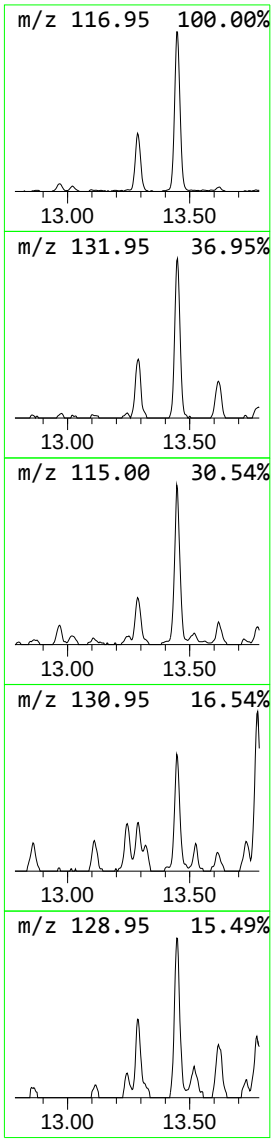
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-2-(2-prop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	0.62 ug/L	57134	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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

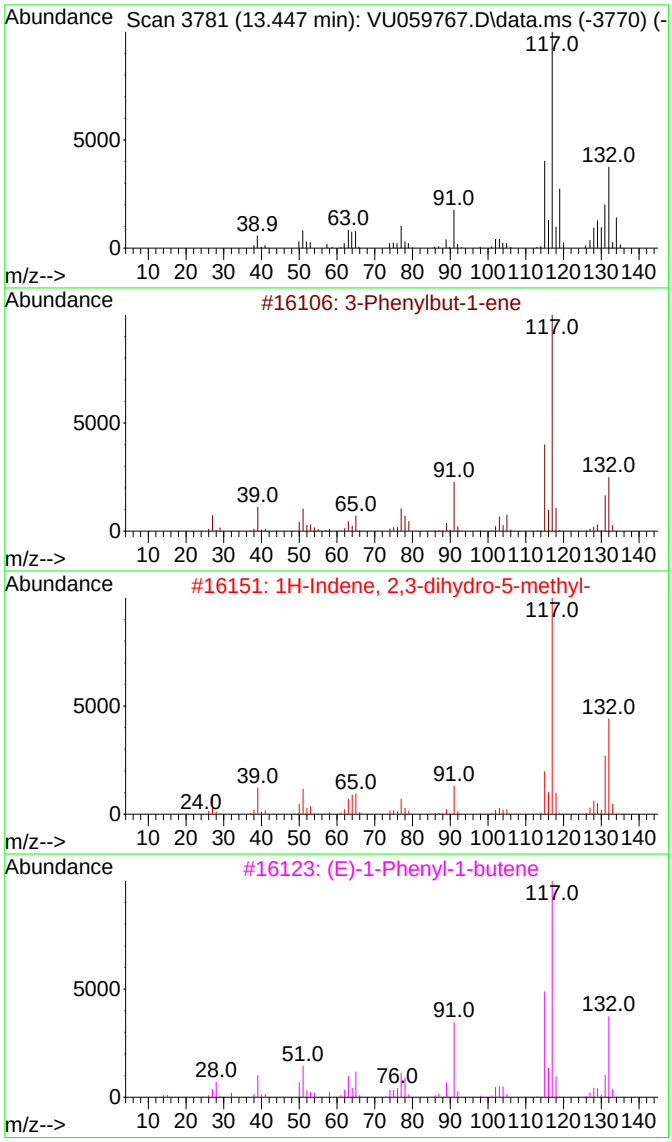
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

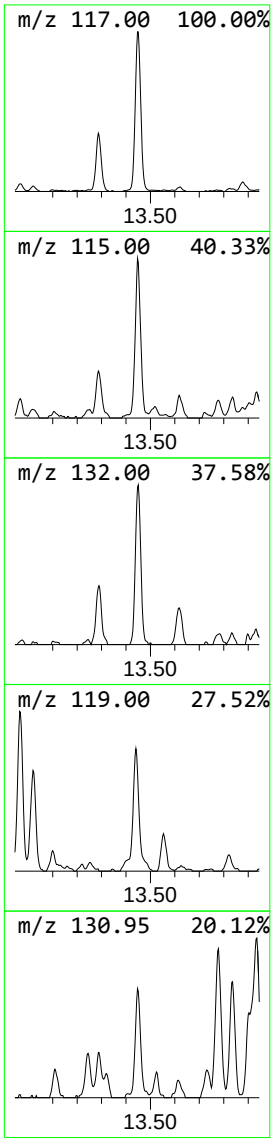
****

Peak Number 14 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	1.94 ug/L	178406	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	68
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	62
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

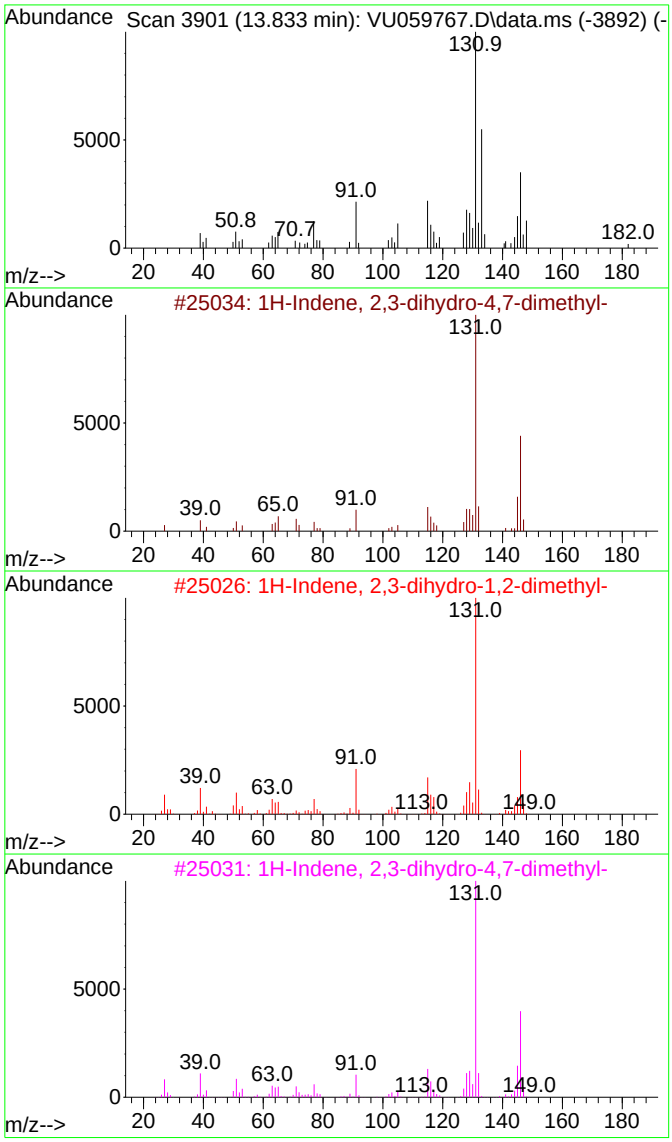
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

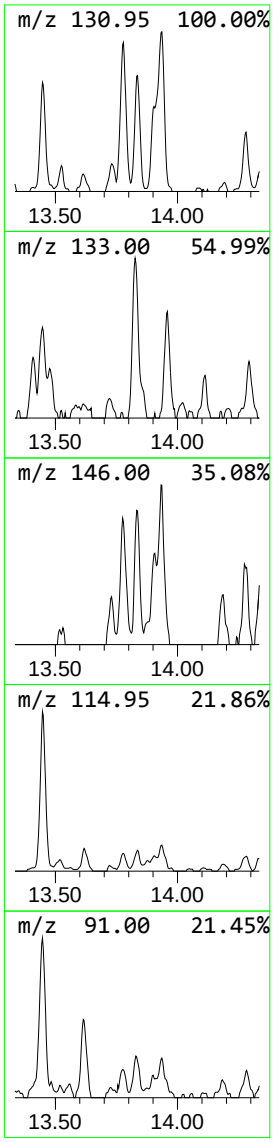
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	0.52 ug/L	47902	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

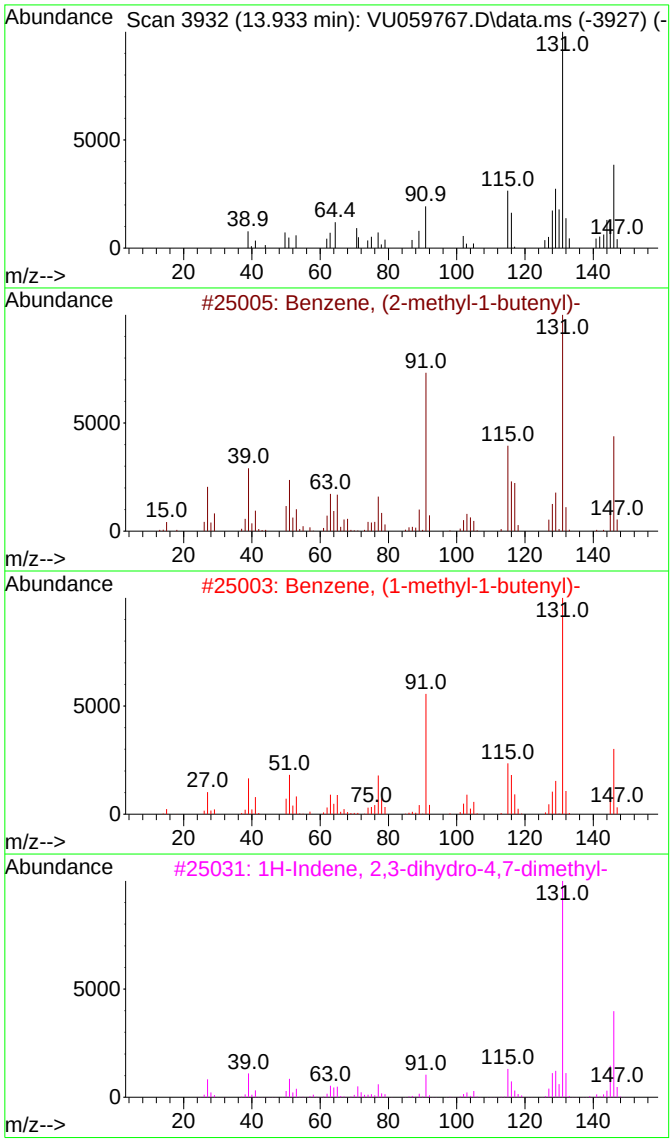
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

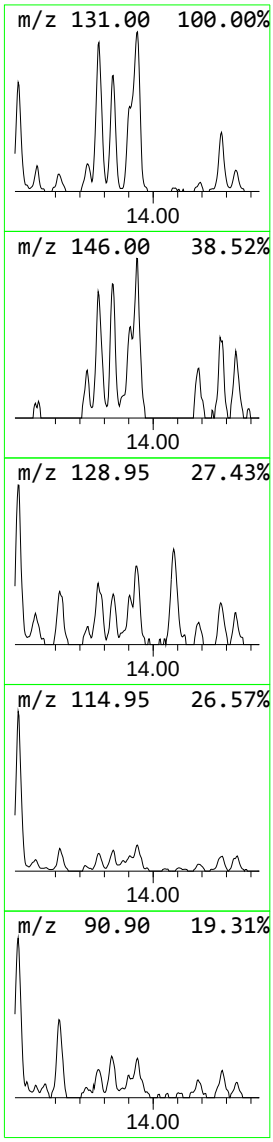
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	0.54 ug/L	49564	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	80
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	80
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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

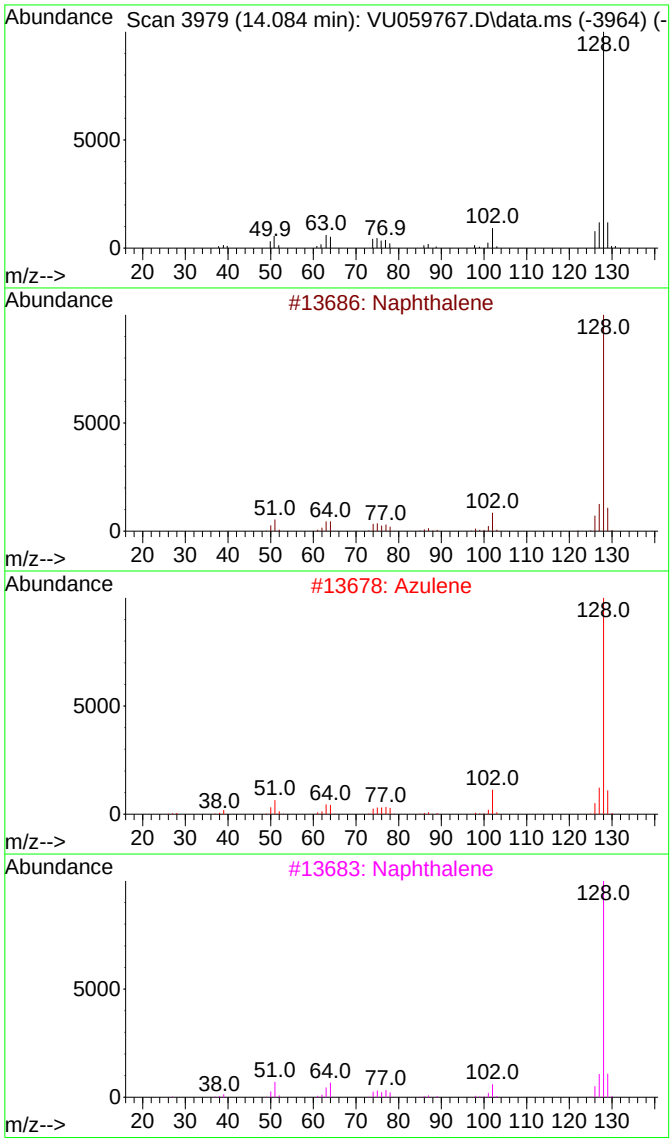
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

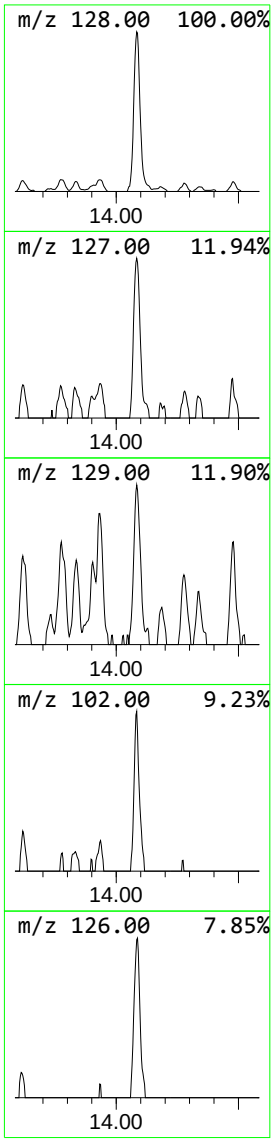
****

Peak Number 17 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	0.70 ug/L	63994	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

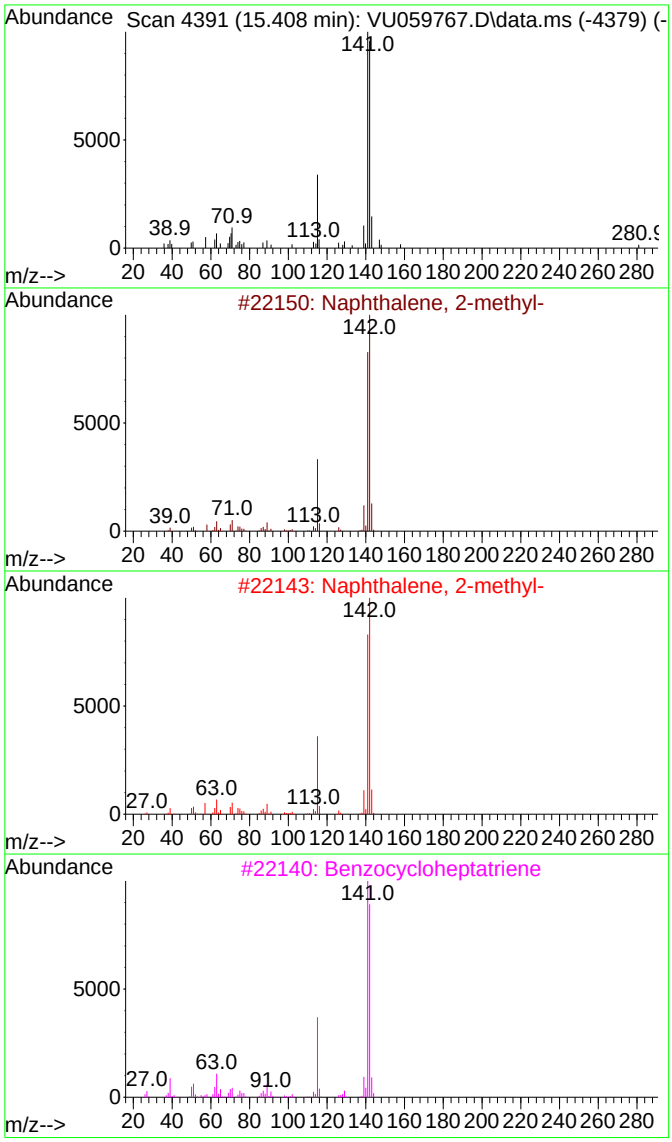
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

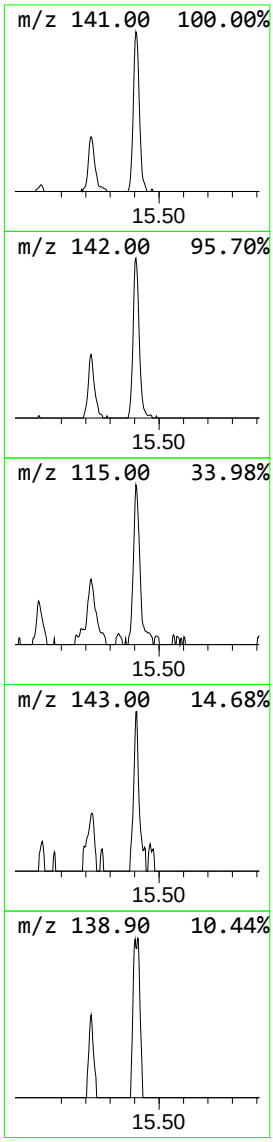
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.409	0.51 ug/L	46649	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
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 : VU059767.D
Acq On : 03 Jul 2024 03:08
Operator : MD/SY
Sample : P3121-03DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BG8DL

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	0.5	ug/L	39248	1	6.242	369153	5.0
(DEL) Alkane: S...	2.200	0.5	ug/L	39704	1	6.242	369153	5.0
(DEL) Alkane: C...	4.521	0.9	ug/L	67556	1	6.242	369153	5.0
Benzene, propyl-	10.901	0.8	ug/L	76873	3	11.807	460006	5.0
Benzene, 1-ethy...	10.991	2.0	ug/L	185108	3	11.807	460006	5.0
Benzene, 1-ethy...	11.286	1.0	ug/L	89610	3	11.807	460006	5.0
Benzene, 1,2,3-...	11.891	0.8	ug/L	68691	3	11.807	460006	5.0
Indane	12.090	2.3	ug/L	210726	3	11.807	460006	5.0
Benzene, 2-ethy...	12.566	1.2	ug/L	109777	3	11.807	460006	5.0
Indan, 1-methyl-	12.672	1.3	ug/L	119038	3	11.807	460006	5.0
Benzene, 1,2,4,...	12.965	0.6	ug/L	58993	3	11.807	460006	5.0
Benzene, 1-meth...	13.286	0.6	ug/L	57134	3	11.807	460006	5.0
3-Phenylbut-1-ene	13.447	1.9	ug/L	178406	3	11.807	460006	5.0
1H-Indene, 2,3-...	13.833	0.5	ug/L	47902	3	11.807	460006	5.0
Benzene, (2-met...	13.933	0.5	ug/L	49564	3	11.807	460006	5.0
Azulene	14.084	0.7	ug/L	63994	3	11.807	460006	5.0
Naphthalene, 2-...	15.409	0.5	ug/L	46649	3	11.807	460006	5.0