LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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: VU059975.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	84	96	120	rBV	1107882	1525153	7.68%	0.868%
2	2.566	382	397	413	rBV4	312457	591528	2.98%	0.337%
3	4.656	1030	1047	1108	rBV	3150203	7066967	35.57%	4.022%
4	5.058	1157	1172	1209	rBV	94555	230723	1.16%	0.131%
5	5.721	1359	1378	1386	rBV2	163136	409816	2.06%	0.233%
6	5.769	1387	1393	1409	rVB	104753	201932	1.02%	0.115%
7	6.245	1528	1541	1563	rBV	148319	284845	1.43%	0.162%
8	7.894	2044	2054	2065	rBV	177445	288232	1.45%	0.164%
9	7.965	2065	2076	2091	rBV	670271	1102515	5.55%	0.627%
10	8.232	2150	2159	2190	rVB	94372	221036	1.11%	0.126%
11	8.630	2269	2283	2297	rBV	332760	612169	3.08%	0.348%
12	9.415	2516	2527	2534	rBV	221559	406124	2.04%	0.231%
13	9.566	2563	2574	2593	rBV	700276	1120985	5.64%	0.638%
14	9.688	2596	2612	2625	rVV	593744	1129384	5.68%	0.643%
15	10.097	2728	2739	2758	rVB	918541	1474529	7.42%	0.839%
16	10.270	2769	2793	2803	rBV6	144686	392280	1.97%	0.223%
17	10.357	2811	2820	2841	rVB7	113119	302628	1.52%	0.172%
18	10.479	2846	2858	2868	rBV	250651	408061	2.05%	0.232%
19	10.749	2933	2942	2952	rBV2	163911	274000	1.38%	0.156%
20	10.810	2953	2961	2976	rVB5	144580	265527	1.34%	0.151%
21	10.904	2977	2990	3009	rBV	750681	1363397	6.86%	0.776%
22	10.997	3010	3019	3022	rBV	294671	433811	2.18%	0.247%
23	11.087	3035	3047	3062	rBV2	988052	1959893	9.86%	1.115%
24	11.161	3062	3070	3085	rVB	644762	1094294	5.51%	0.623%
25	11.290	3099	3110	3129	rVB	1471240	2472420	12.44%	1.407%
26	11.463	3154	3164	3190	rVB	1338030	2285298	11.50%	1.301%
27	11.637	3199	3218	3231	rBV6	1039540	2398545	12.07%	1.365%
28	11.717	3233	3243	3257	rVV3	525269	1226714	6.17%	0.698%
29	11.791	3257	3266	3286	rVB	1904998	3266880	16.44%	1.859%
30	11.891	3286	3297	3317	rBV	699458	1396466	7.03%	0.795%
31	12.093	3348	3360	3366	rBV2	1246556	2066949	10.40%	1.176%
32	12.187	3378	3389	3413	rVB6	1563803	4095569	20.61%	2.331%
33	12.299	3415	3424	3430	rBV2	276194	481435	2.42%	0.274%
34	12.373	3438	3447	3462	rVB	905645	1474054	7.42%	0.839%
35	12.463	3463	3475	3483	rBV	1060491	1978398	9.96%	1.126%
36	12.569	3498	3508	3515	rBV	1543058	2229214	11.22%	1.269%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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	12.608	3515	3520	3532	rVB	483995	702023	3.53%	0.400%
38	12.679	3532	3542	3562	rBV4	1135548	3089704	15.55%	1.758%
39	12.807	3576	3582	3589	rBV	161308	216668	1.09%	0.123%
40	12.868	3593	3601	3612	rVB4	497460	935272	4.71%	0.532%
41	12.968	3613	3632	3641	rBV2	1588123	3760209	18.92%	2.140%
42	13.023	3641	3649	3665	rVB	2464234	3808472	19.17%	2.168%
43	13.106	3666	3675	3681	rBV4	434988	778484	3.92%	0.443%
44	13.251	3713	3720	3725	rBV3	393358	555848	2.80%	0.316%
45	13.289	3725	3732	3741	rVB2	955188	1399724	7.04%	0.797%
46	13.351	3745	3751	3758	rVB2	349609	480122	2.42%	0.273%
47	13.402	3758	3767	3773	rBV3	875125	1435332	7.22%	0.817%
48	13.450	3773	3782	3791	rVV3	2680100	4845387	24.39%	2.758%
49	13.511	3792	3801	3810	rVV2	2928333	4850943	24.41%	2.761%
50	13.556	3811	3815	3822	rVV	269032	299685	1.51%	0.171%
51	13.621	3826	3835	3857	rVB	1814857	3126001	15.73%	1.779%
52	13.733	3858	3870	3878	rBV4	1129760	1958364	9.86%	1.115%
53	13.781	3878	3885	3892	rVV	630066	943411	4.75%	0.537%
54	13.836	3892	3902	3917	rVV5	1571124	3466705	17.45%	1.973%
55	13.907	3919	3924	3928	rVV	494682	740750	3.73%	0.422%
56	13.939	3928	3934	3950	rVB2	1032001	2319726	11.68%	1.320%
57	14.084	3965	3979	3986	rBV	900892	1693523	8.52%	0.964%
58	14.187	4001	4011	4025	rVB3	986072	1737509	8.74%	0.989%
59	14.283	4026	4041	4053	rBV4	1283961	2746492	13.82%	1.563%
60	14.344	4053	4060	4069	rVV2	547601	967997	4.87%	0.551%
61	14.392	4070	4075	4089	rVB2	263551	471138	2.37%	0.268%
62	14.482	4093	4103	4123	rVB	1680195	2942356	14.81%	1.675%
63	14.675	4149	4163	4184	rBV6	2692064	6790437	34.18%	3.865%
64	14.807	4196	4204	4215	rBV	1092447	1666568	8.39%	0.949%
65	14.875	4216	4225	4236	rVB2	1860986	2950936	14.85%	1.680%
66	14.939	4237	4245	4258	rVB2	383981	650772	3.28%	0.370%
67	15.016	4259	4269	4282	rBV2	1770601	3211049	16.16%	1.828%
68	15.151	4304	4311	4317	rBV4	160880	257248	1.29%	0.146%
69	15.222	4317	4333	4343	rVV	12038381	19869144	100.00%	11.308%
70	15.273	4344	4349	4360	rVB4	611319	937226	4.72%	0.533%
71	15.344	4363	4371	4378	rBV3	350287	555014	2.79%	0.316%
72	15.408	4379	4391	4402	rBV	11648242	18277217	91.99%	10.402%
73	15.460	4402	4407	4415	rVB3	317739	454379	2.29%	0.259%
74	15.926	4542	4552	4568	rVB2	989017	1899715	9.56%	1.081%
75	16.145	4611	4620	4627	rBV2	1240450	1933292	9.73%	1.100%
76	16.257	4643	4655	4682	rVB	3278380	5737367	28.88%	3.265%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

77	16.405	4691	4701	4708	rBV	3727689	5746713	28.92%	3.271%
78	16.444	4708	4713	4729	rVB	1761748	2672829	13.45%	1.521%
79	16.527	4733	4739	4751	rVB3	130011	229680	1.16%	0.131%
80	16.637	4756	4773	4802	rVB	880180	2354780	11.85%	1.340%
81	16.781	4810	4818	4840	rVB	401684	704103	3.54%	0.401%

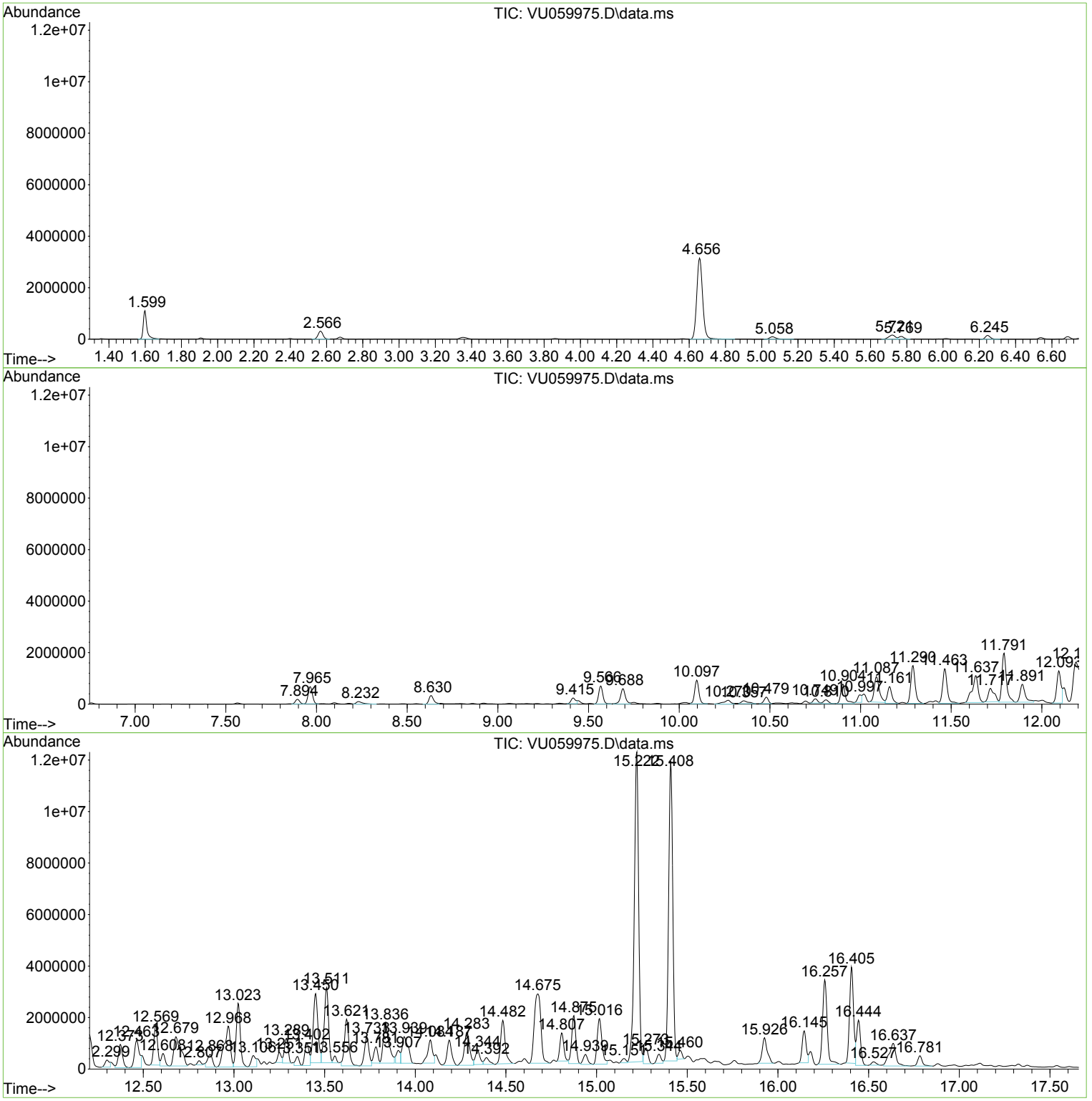
Sum of corrected areas: 175702085

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

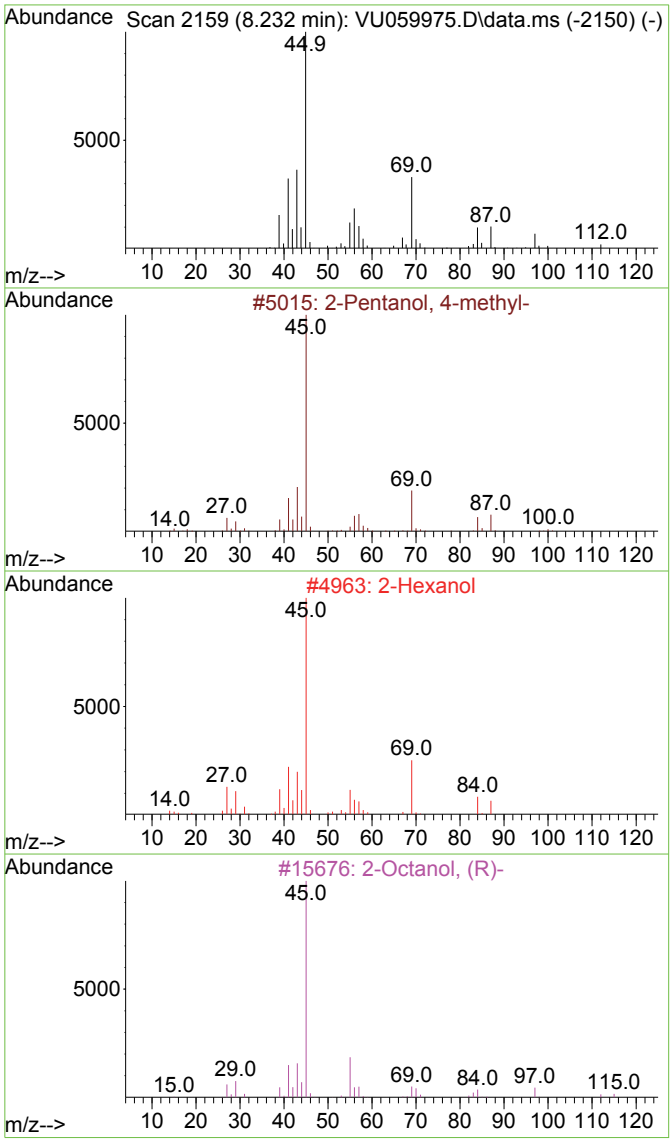
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

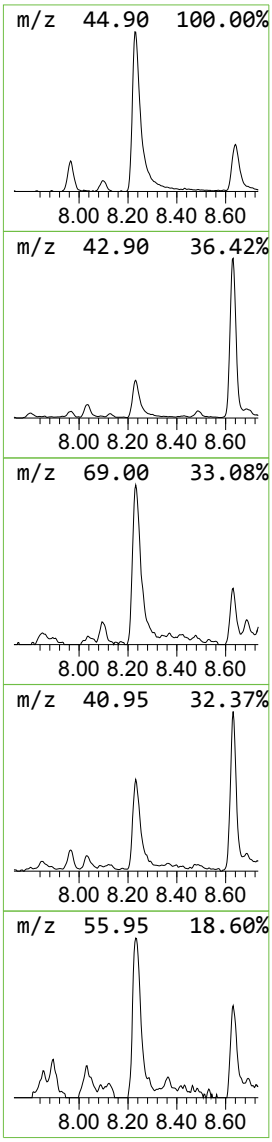
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.232	2.72 ug/L	221036	Chlorobenzene-d5	9.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Octanol, (R)-	130	C8H18O	005978-70-1	72
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

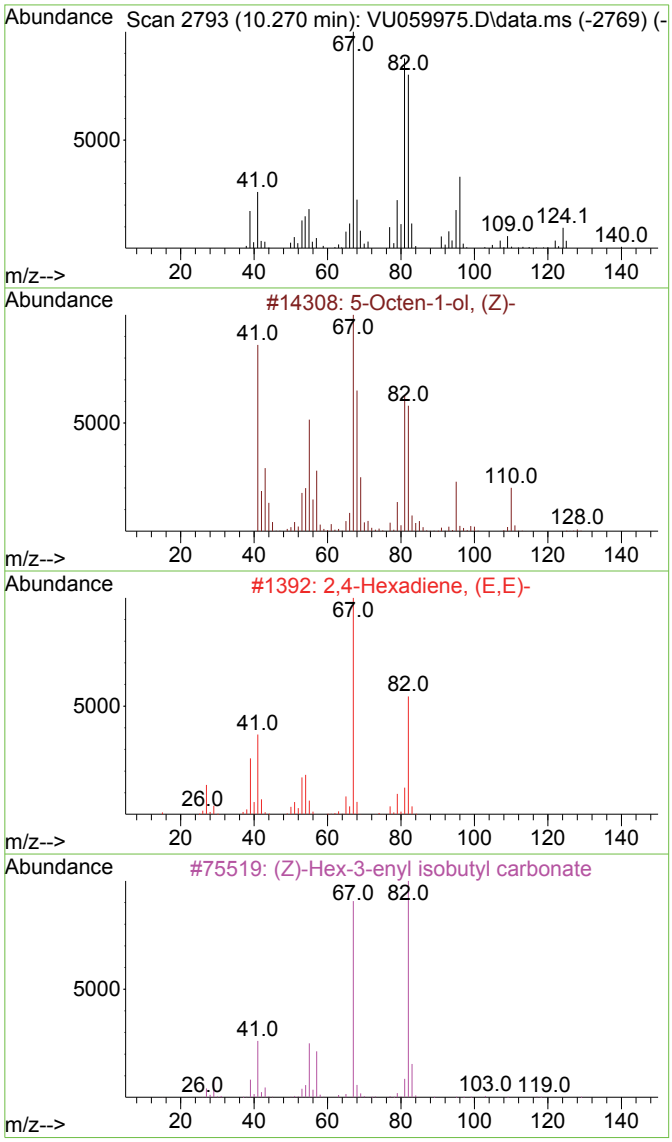
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

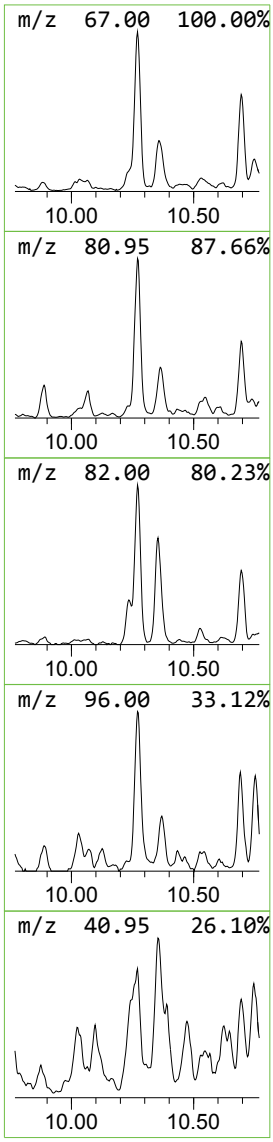
****

Peak Number 2 5-Octen-1-ol, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.270	4.83 ug/L	392280	Chlorobenzene-d5	9.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	64
2	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
3	(Z)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-75-0	38
4	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	38
5	1,5-Cyclooctadiene, 1,2-dimethyl-	136	C10H16	006588-51-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

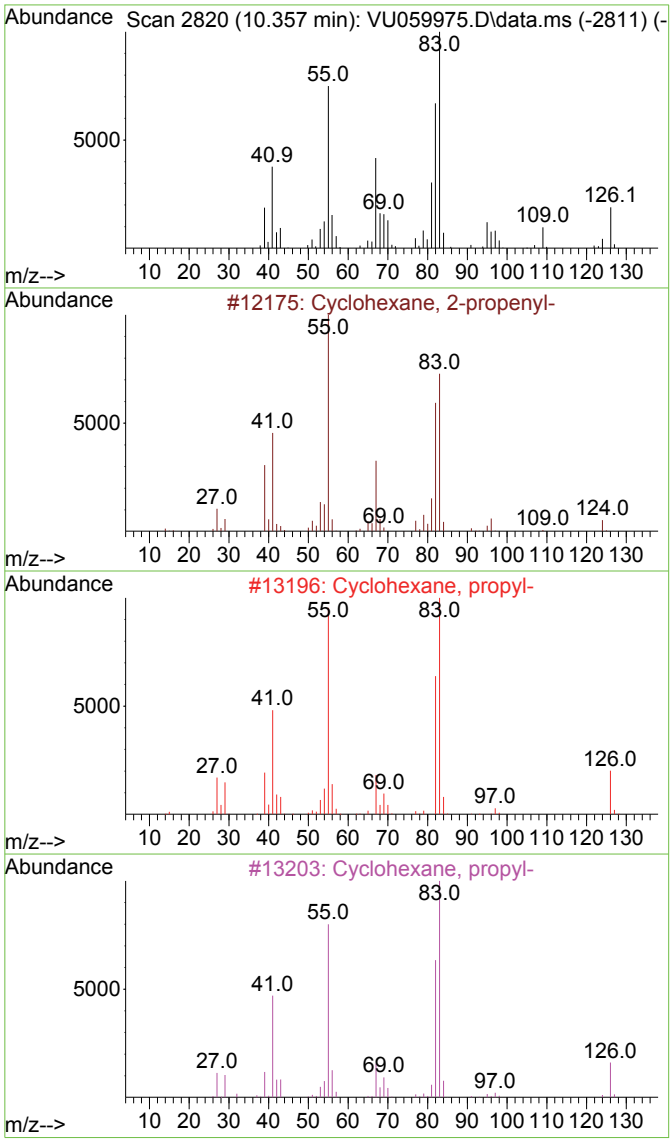
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

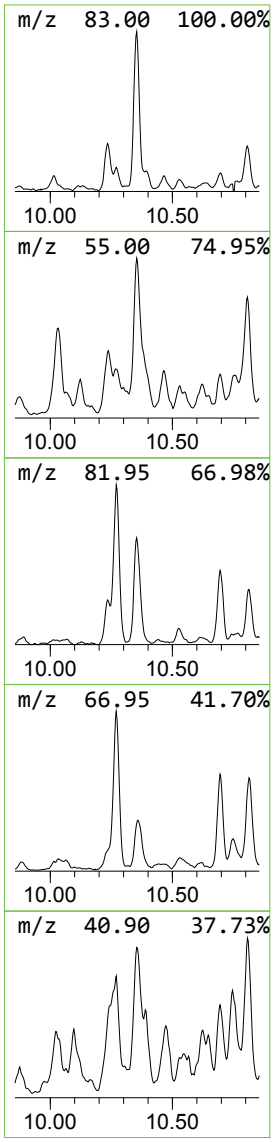
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 2-propenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	3.73 ug/L	302628	Chlorobenzene-d5	9.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	76
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	62
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

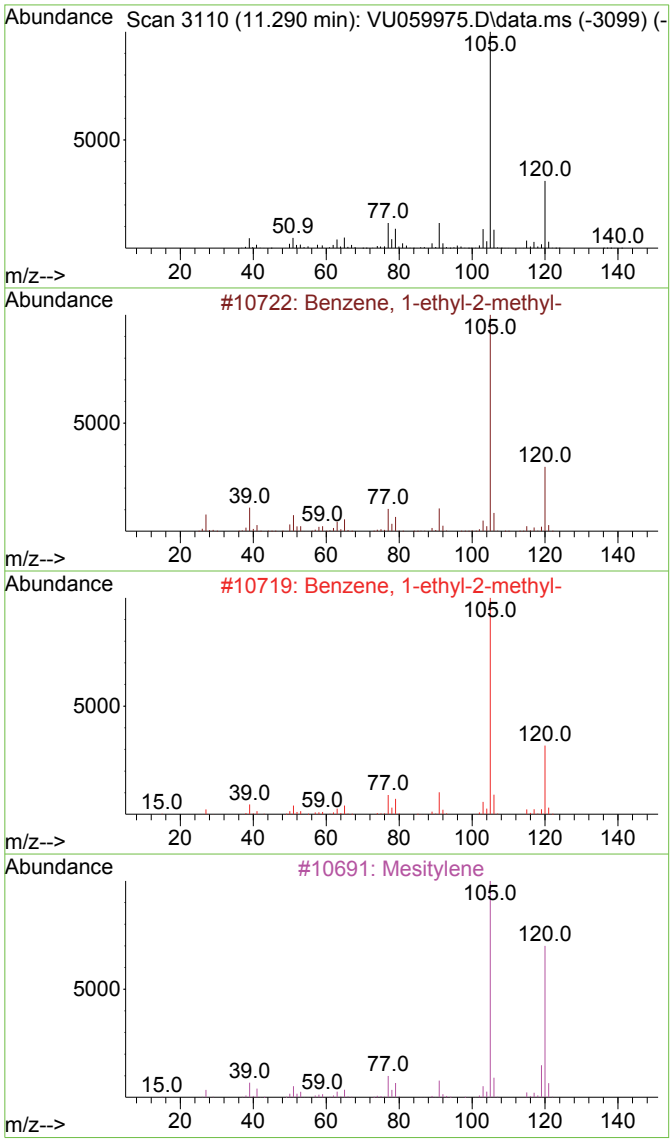
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

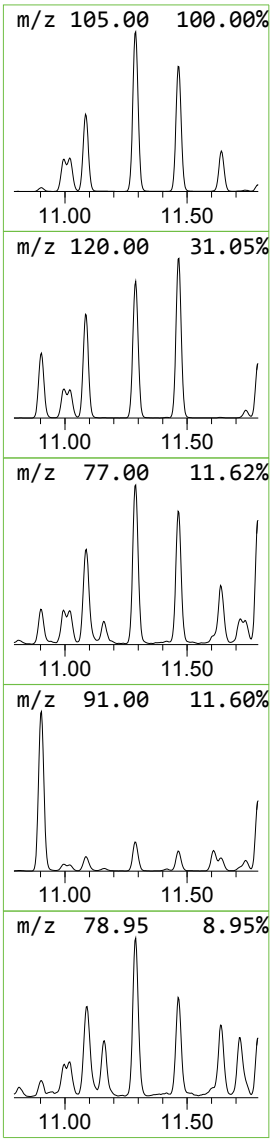
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	3.78 ug/L	2472420	1,4-Dichlorobenzene-d4	11.810

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	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

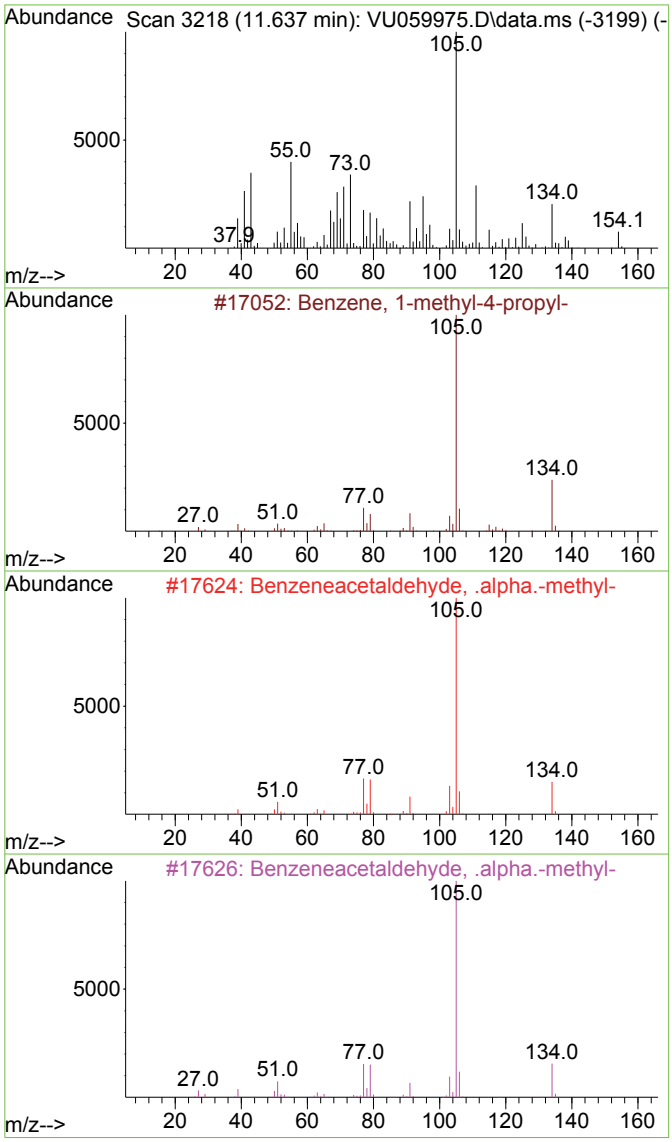
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

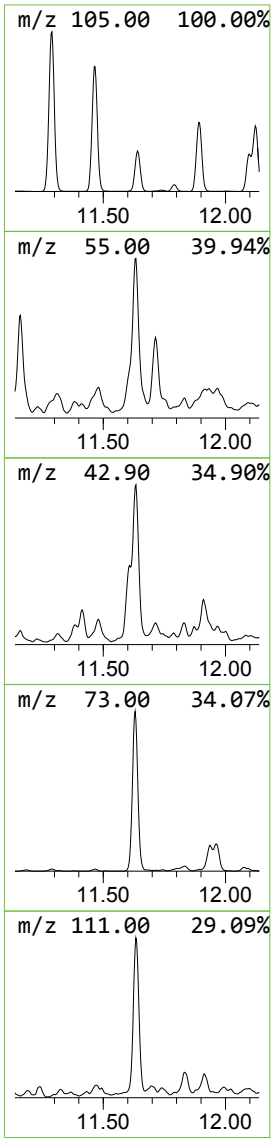
****

Peak Number 8 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.637	3.67 ug/L	2398550	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	20
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	20





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

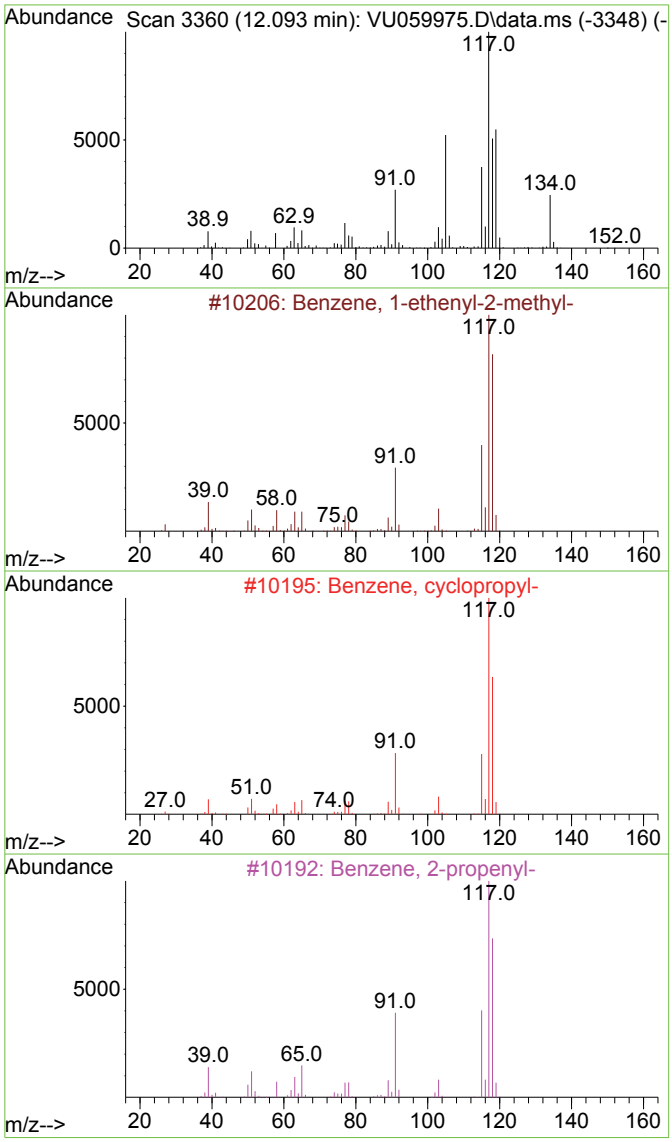
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

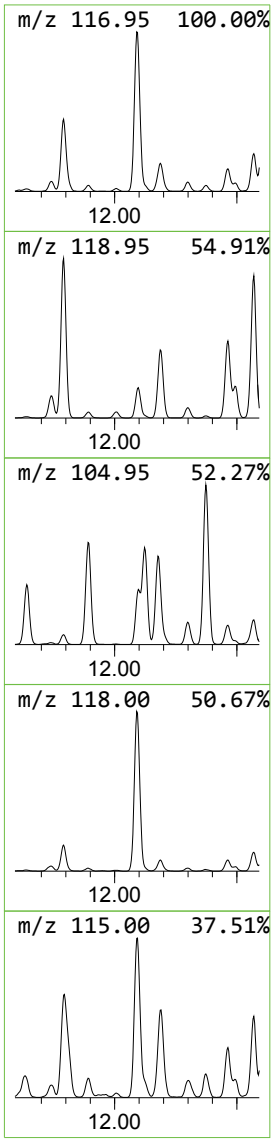
****

Peak Number 11 Benzene, cyclopropyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.093	3.16 ug/L	2066950	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

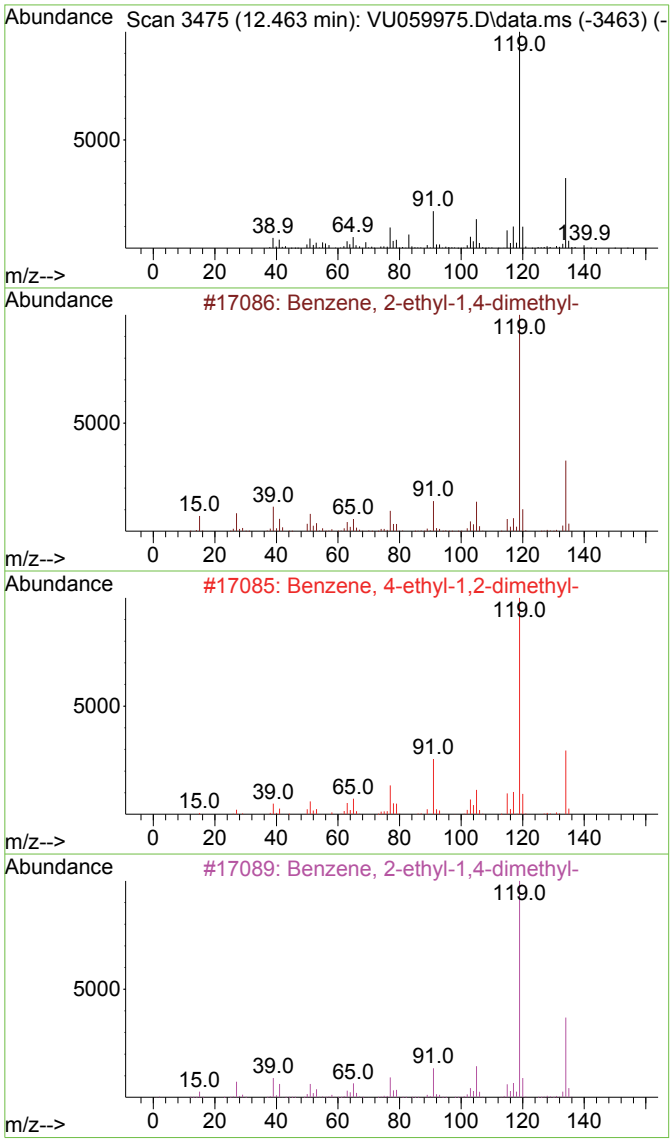
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

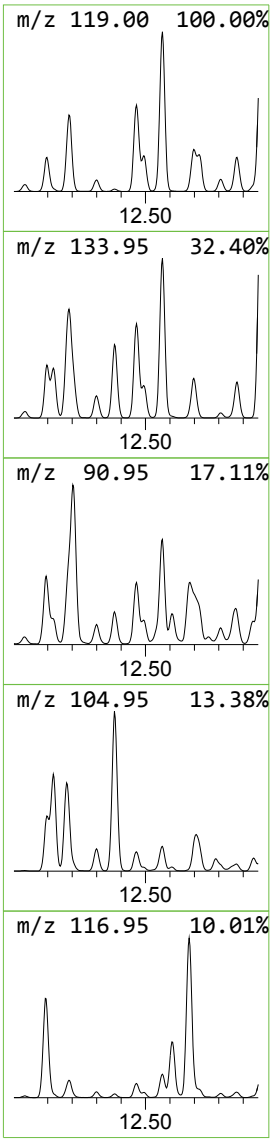
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.03 ug/L	1978400	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

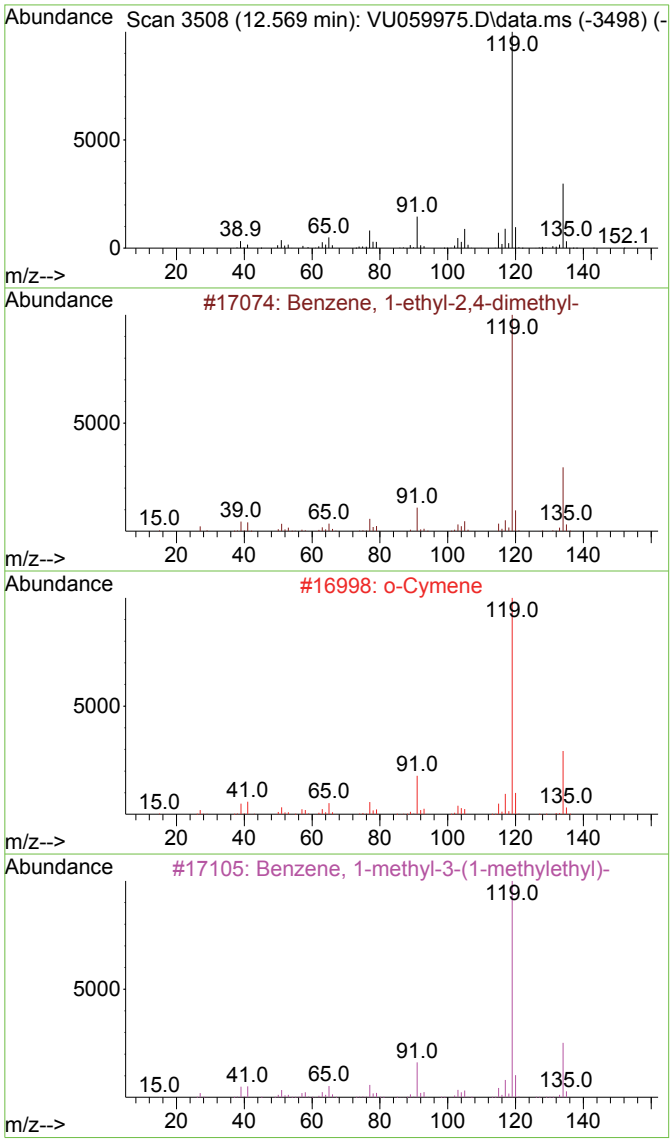
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

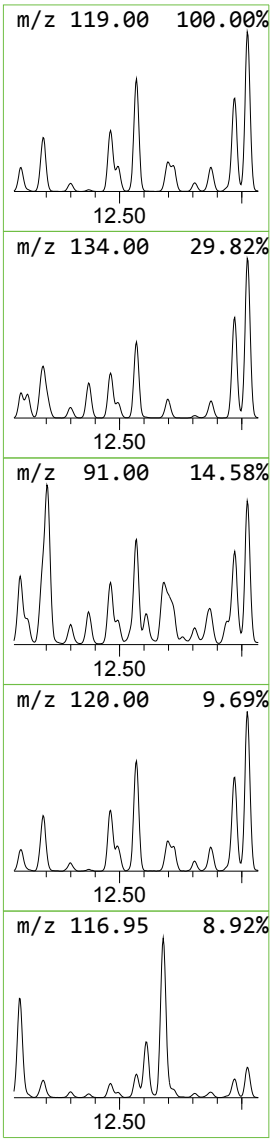
****

Peak Number 15 o-Cymene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	3.41 ug/L	2229210	1,4-Dichlorobenzene-d4	11.810

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	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

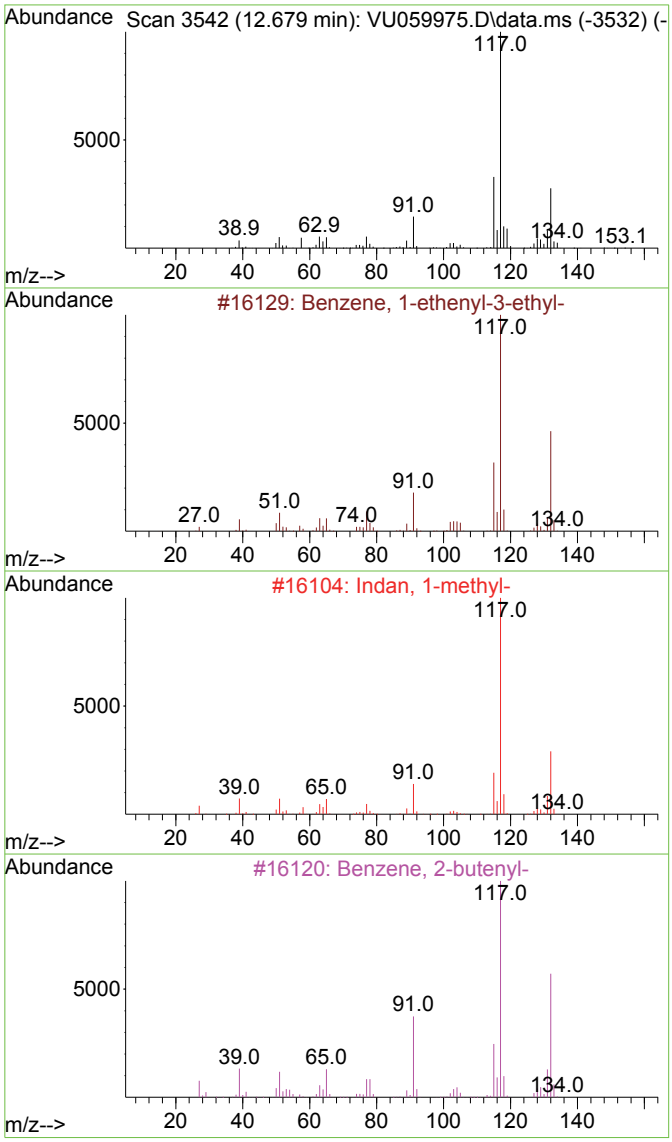
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

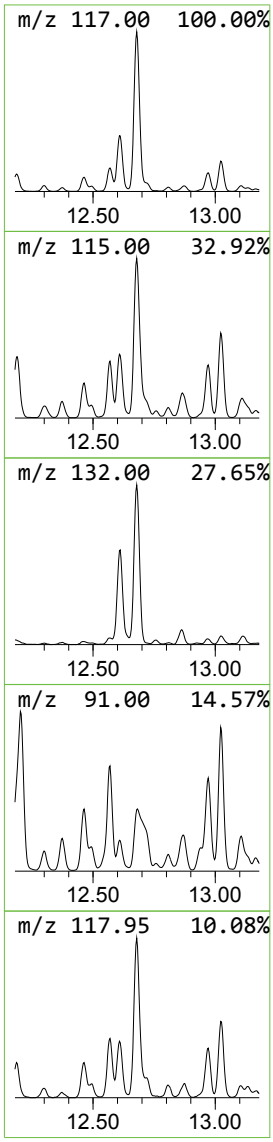
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.679	4.73 ug/L	3089700	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

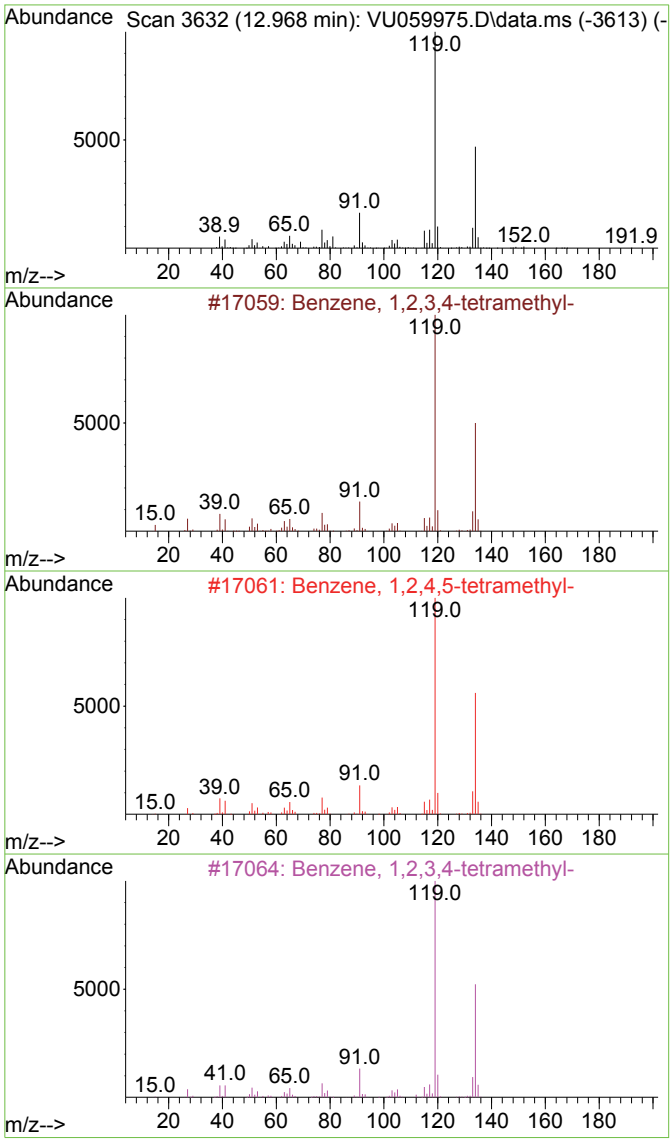
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

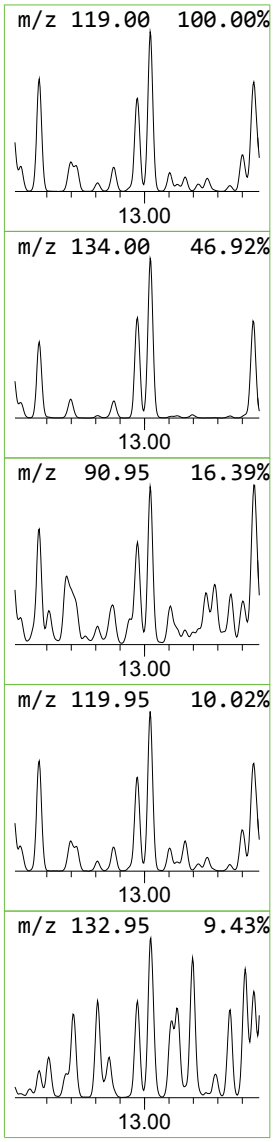
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	5.76 ug/L	3760210	1,4-Dichlorobenzene-d4	11.810

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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

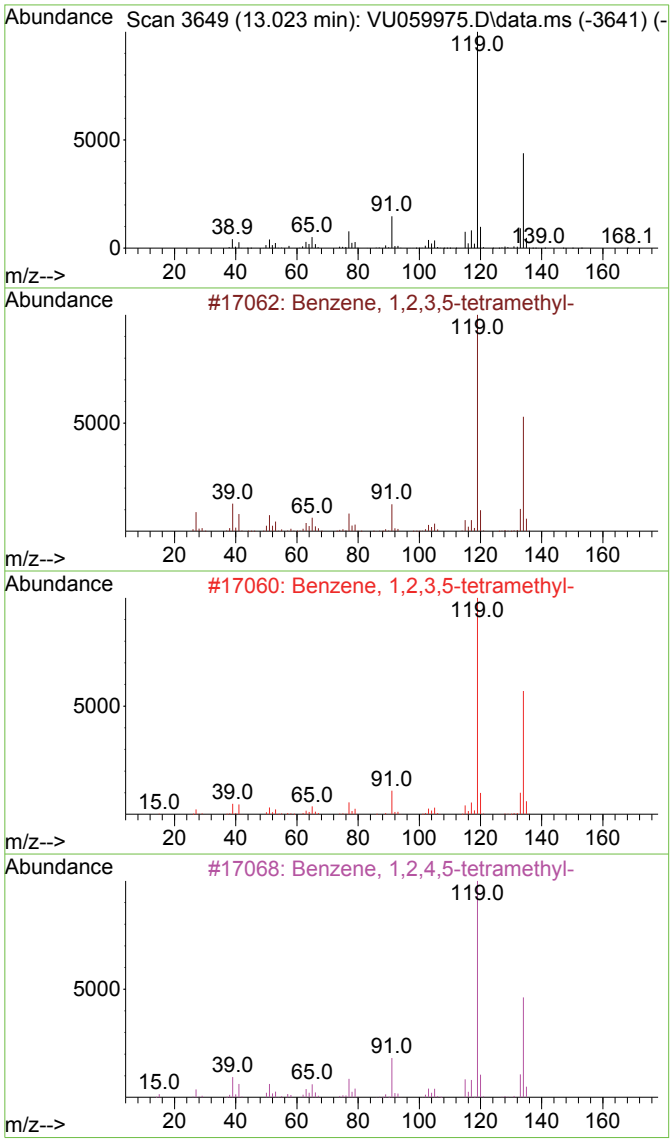
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

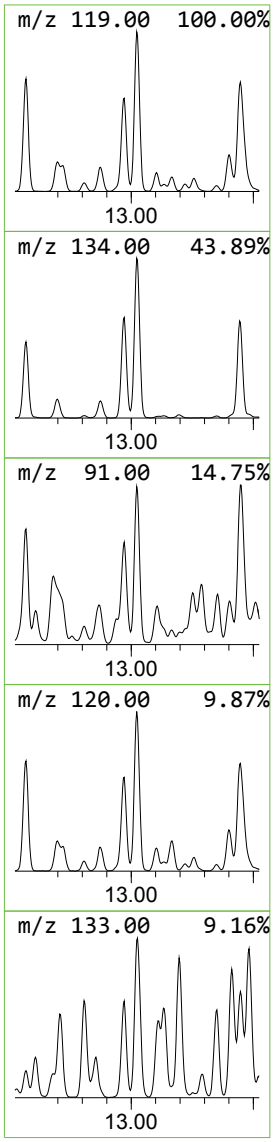
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.023	5.83 ug/L	3808470	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

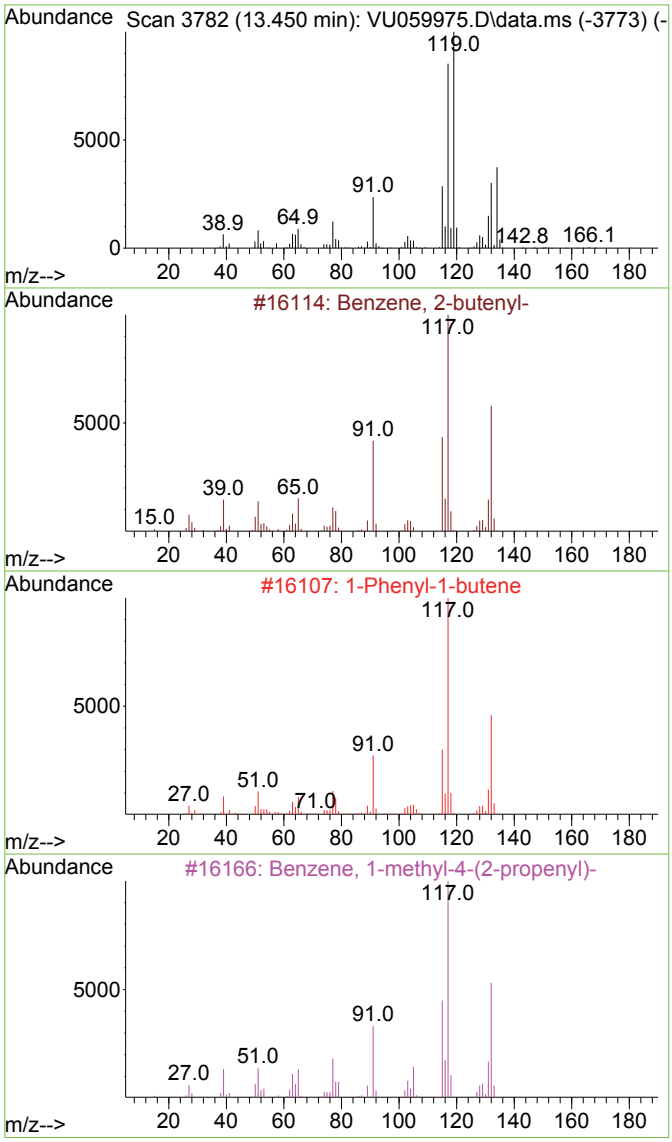
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

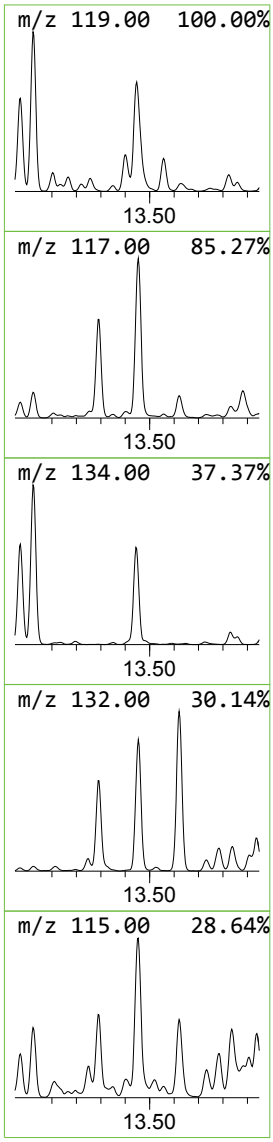
****

Peak Number 26 Benzene, 2-butenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.450	7.42 ug/L	4845390	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

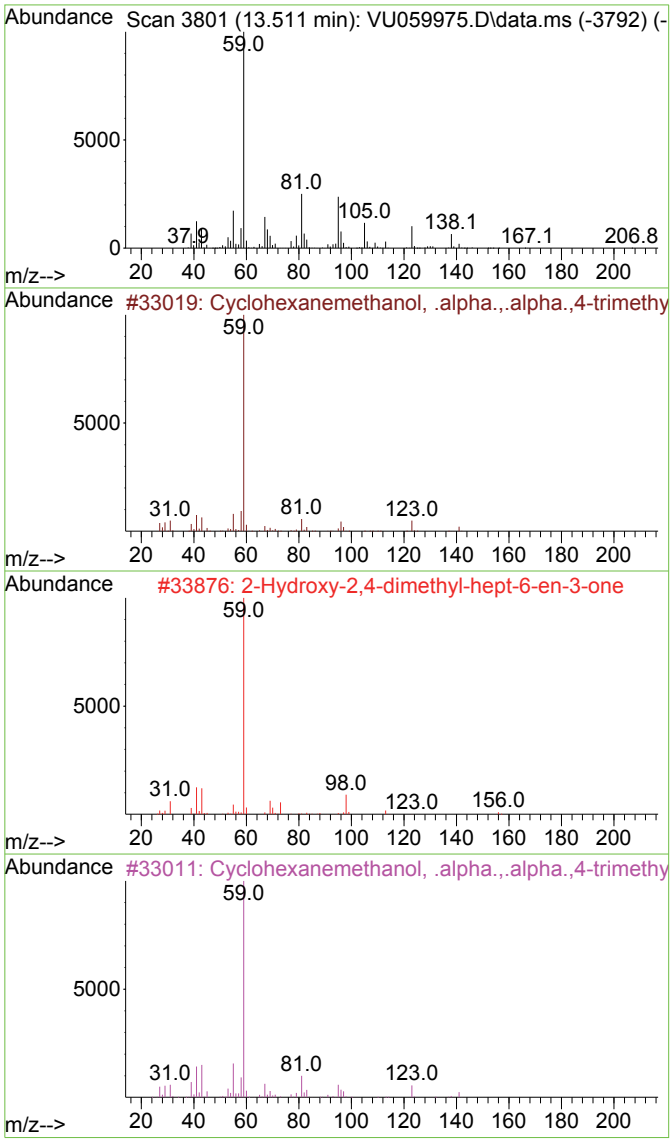
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

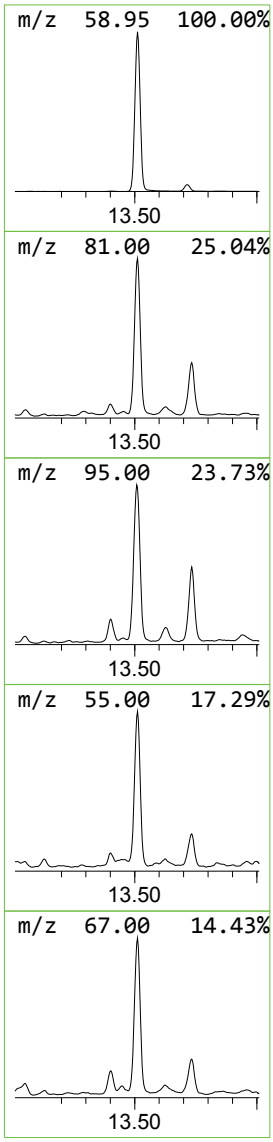
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclohexanemethanol, .alpha... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.511	7.42 ug/L	4850940	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	53
2	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	43
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	42
4	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	42
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

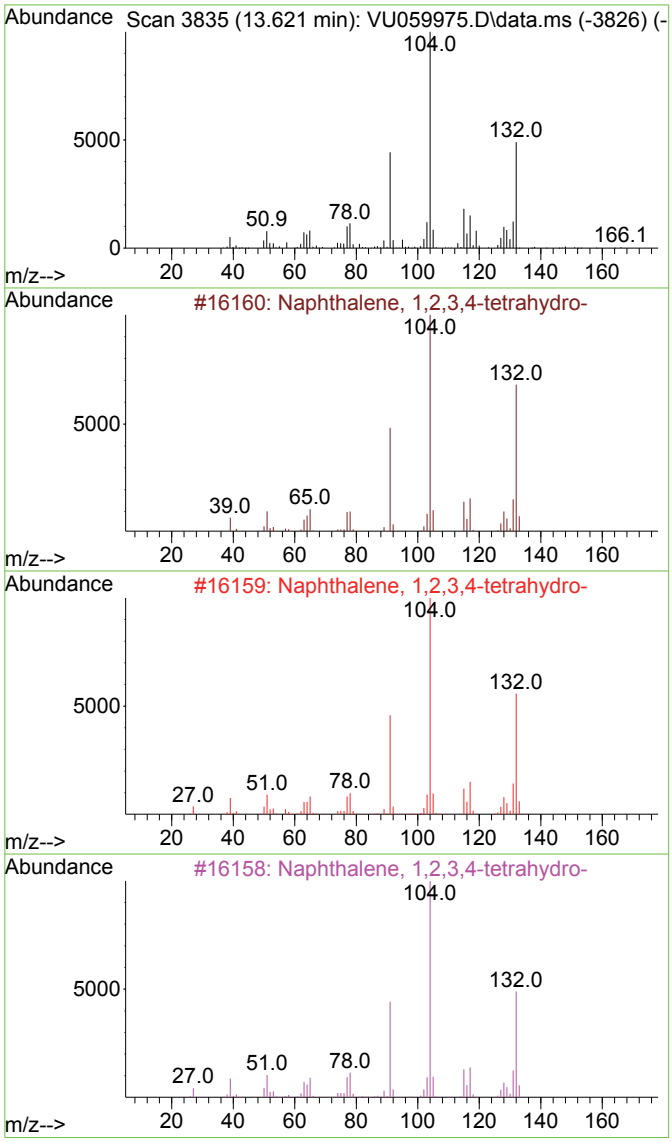
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

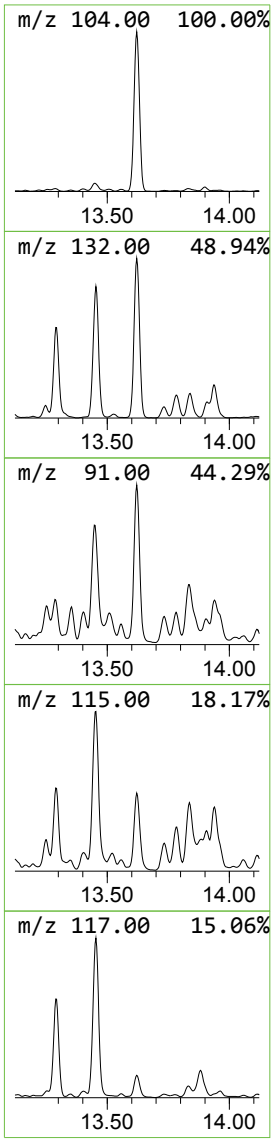
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	4.78 ug/L	3126000	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

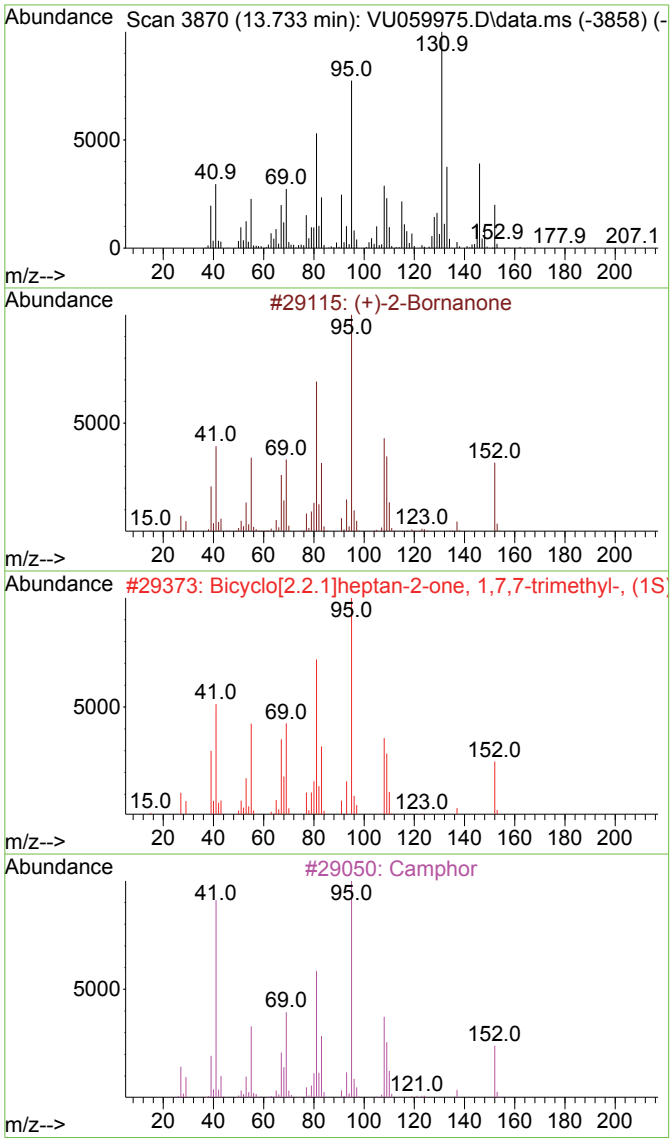
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

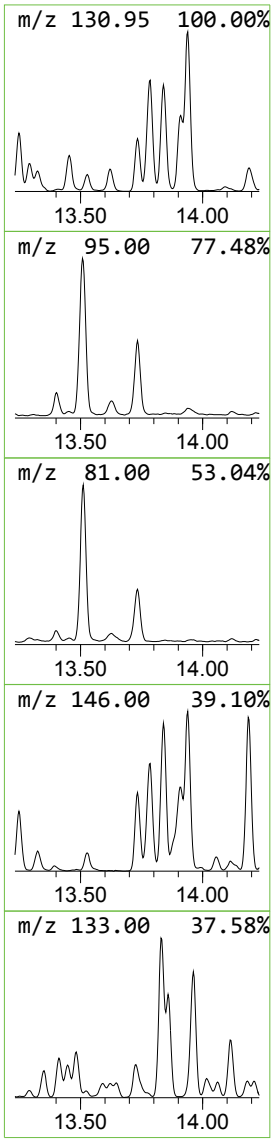
****

Peak Number 29 (+)-2-Bornanone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	3.00 ug/L	1958360	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
3	Camphor	152	C10H16O	000076-22-2	95
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
5	Camphor	152	C10H16O	000076-22-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

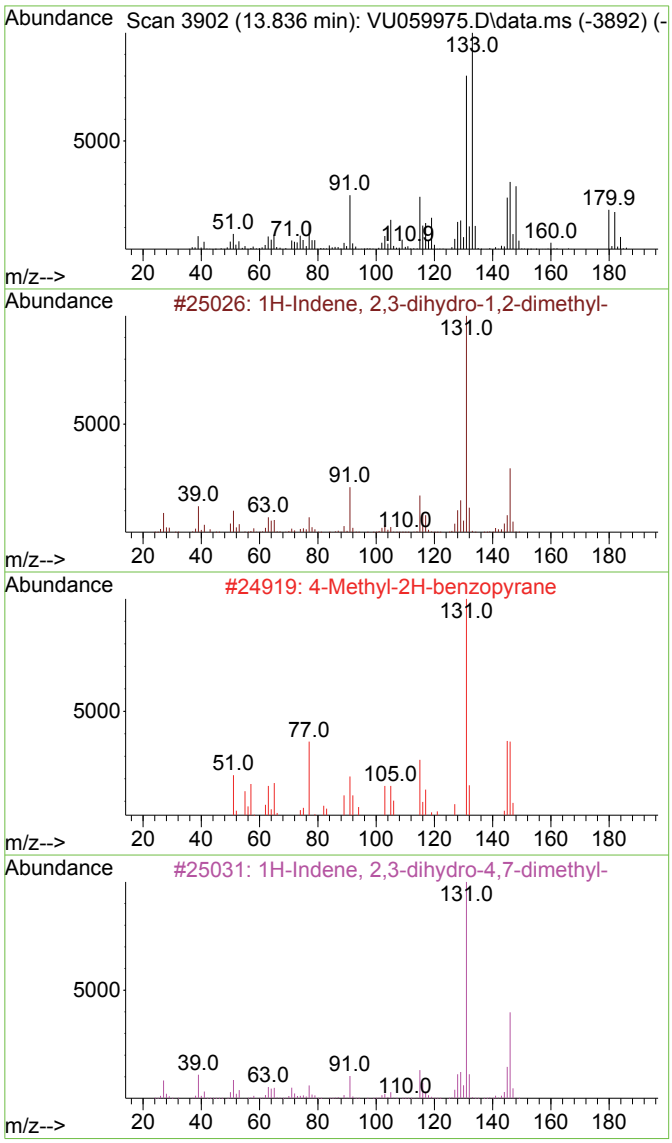
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

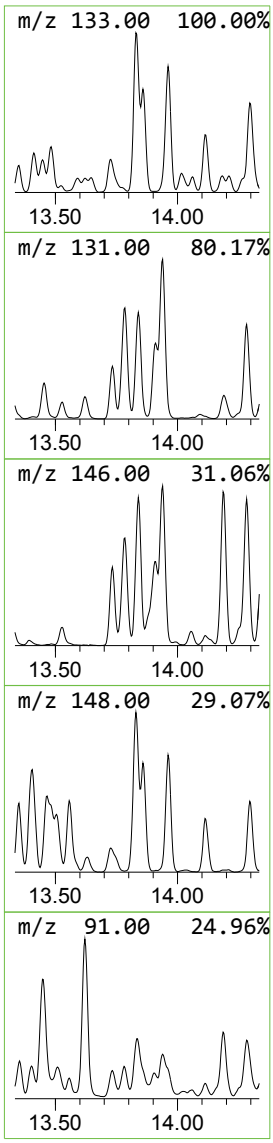
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.836	5.31 ug/L	3466710	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
2	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	50
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
5	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

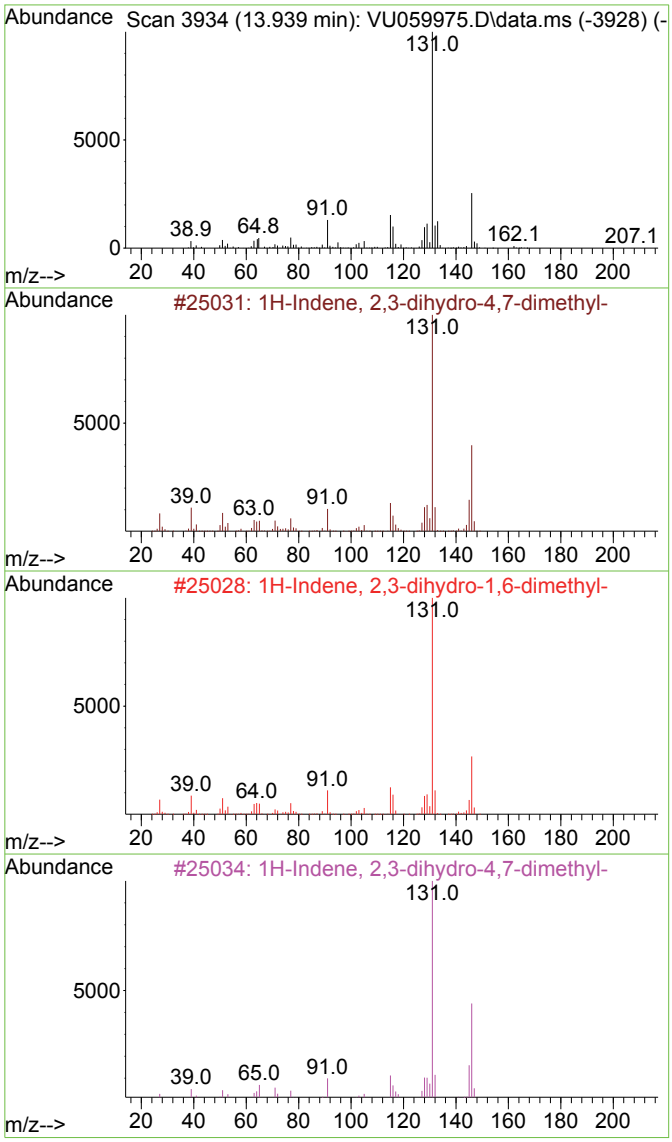
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

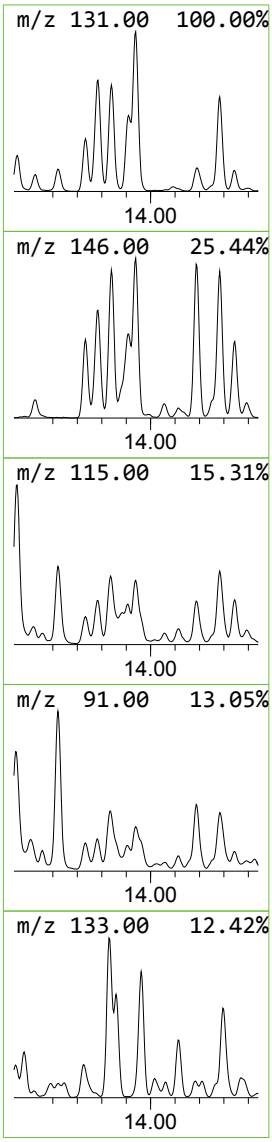
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	3.55 ug/L	2319730	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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

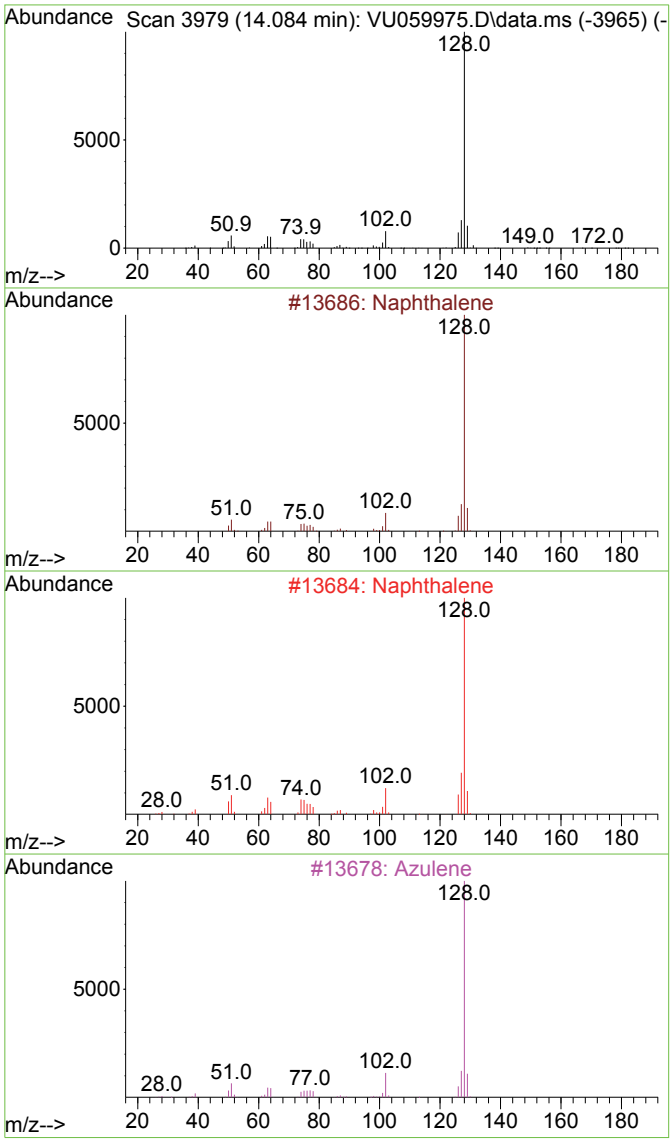
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

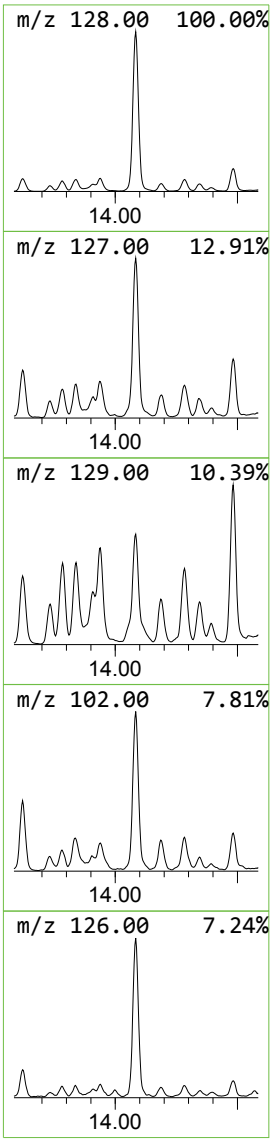
****

Peak Number 34 Azulene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	2.59 ug/L	1693520	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

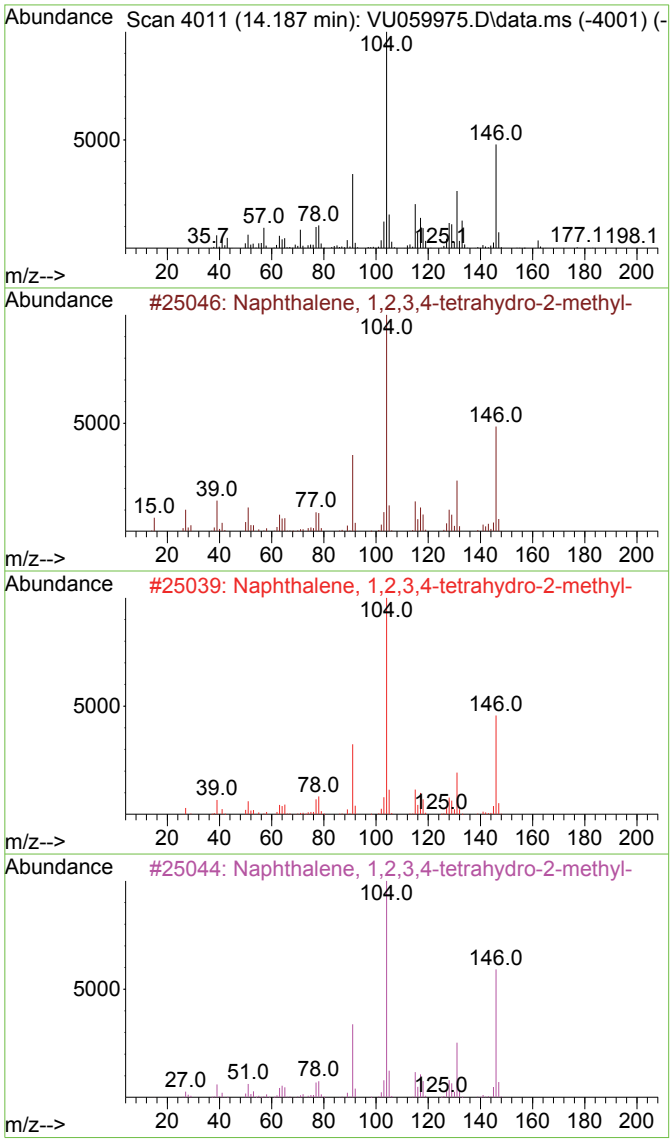
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

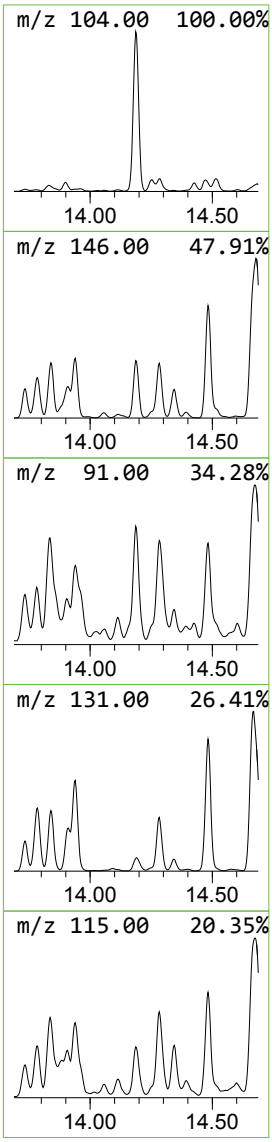
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.187	2.66 ug/L	1737510	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

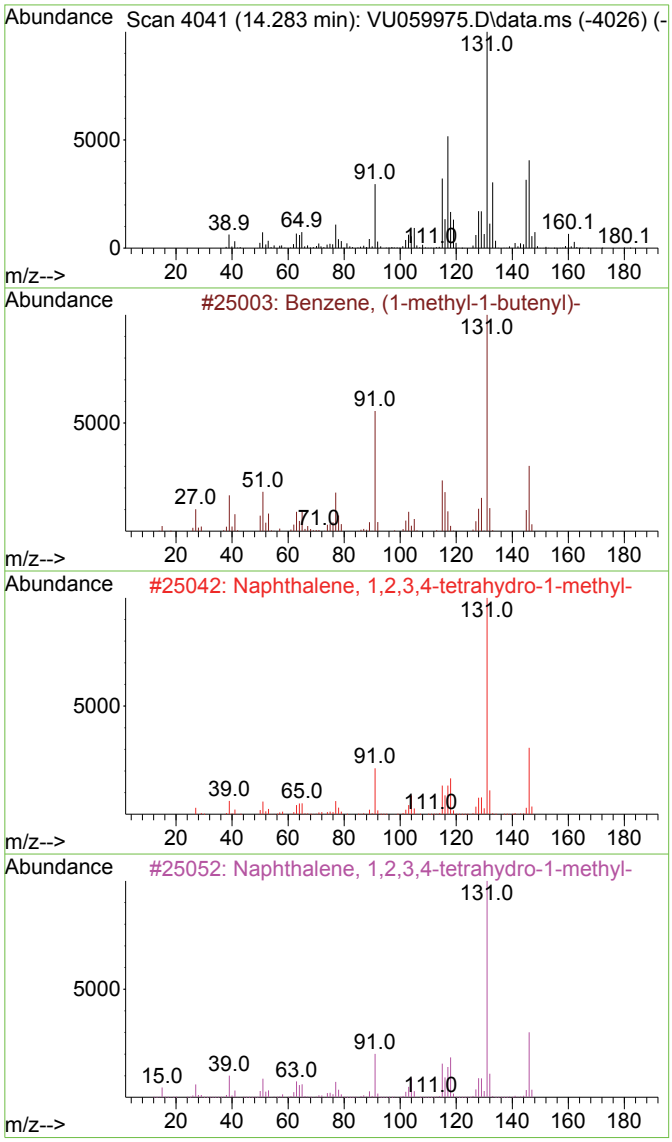
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

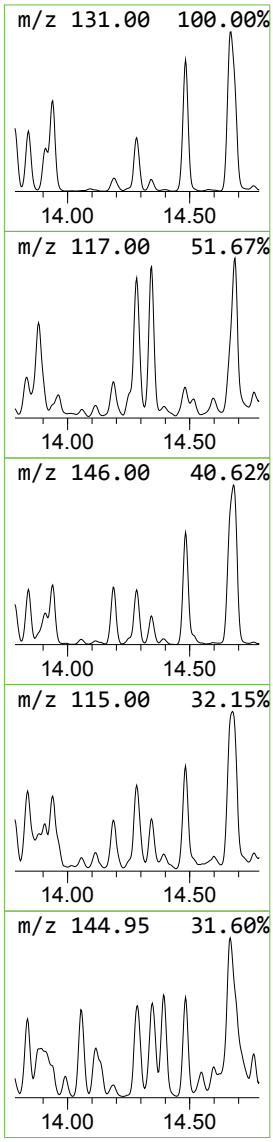
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, (1-methyl-1-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.283	4.20 ug/L	2746490	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

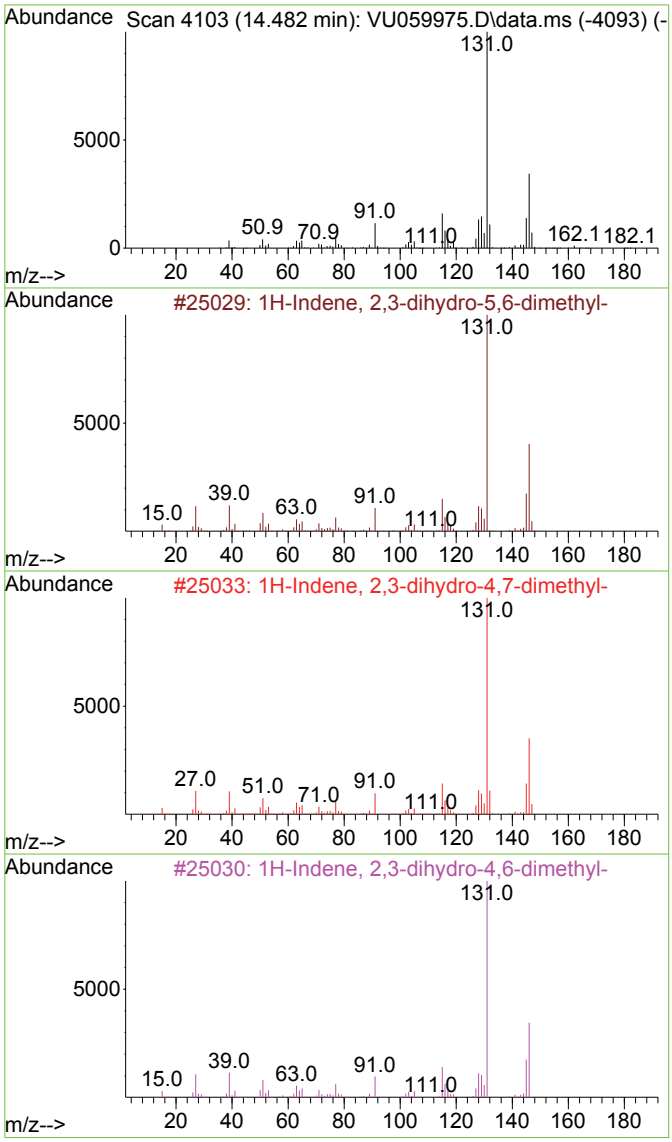
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

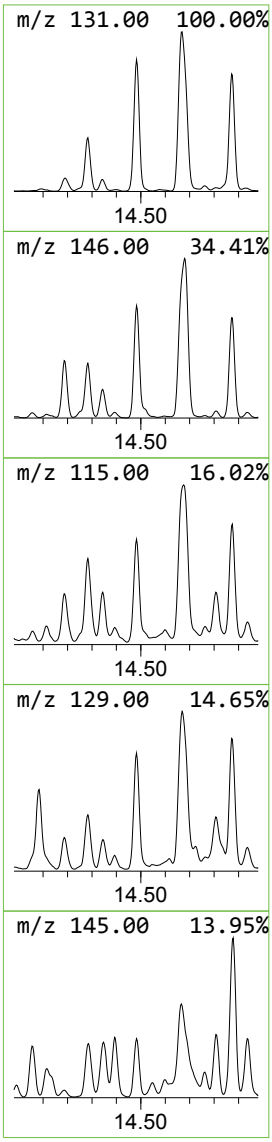
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.482	4.50 ug/L	2942360	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

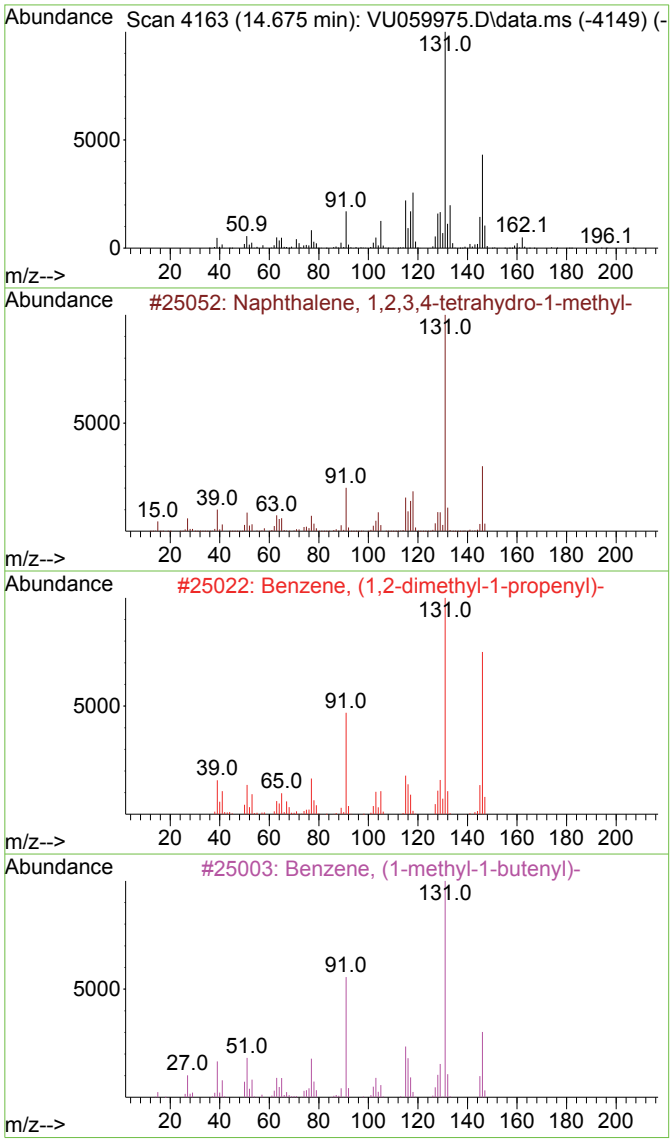
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

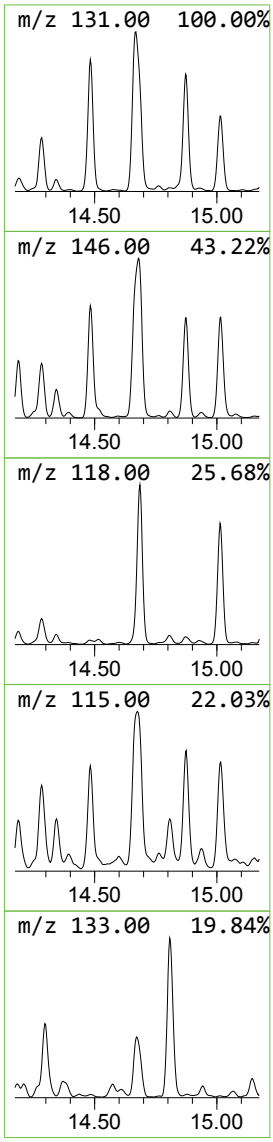
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.675	10.39 ug/L	6790440	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

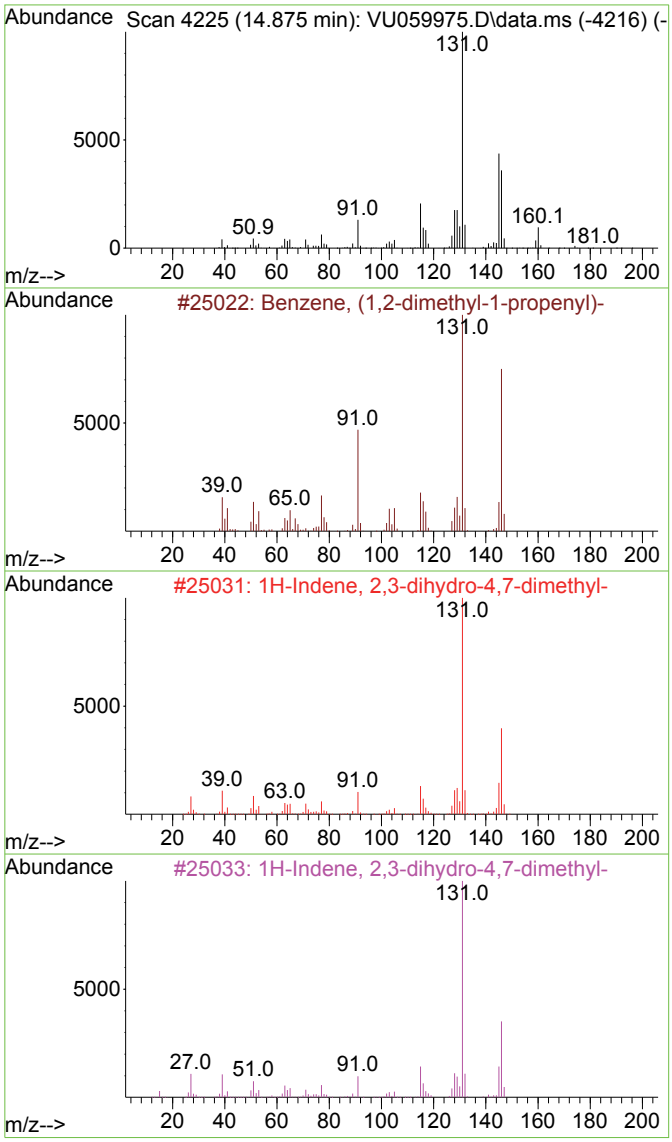
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

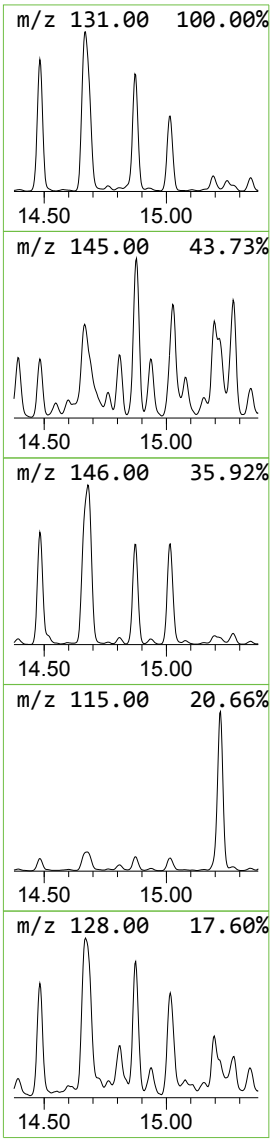
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.875	4.52 ug/L	2950940	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

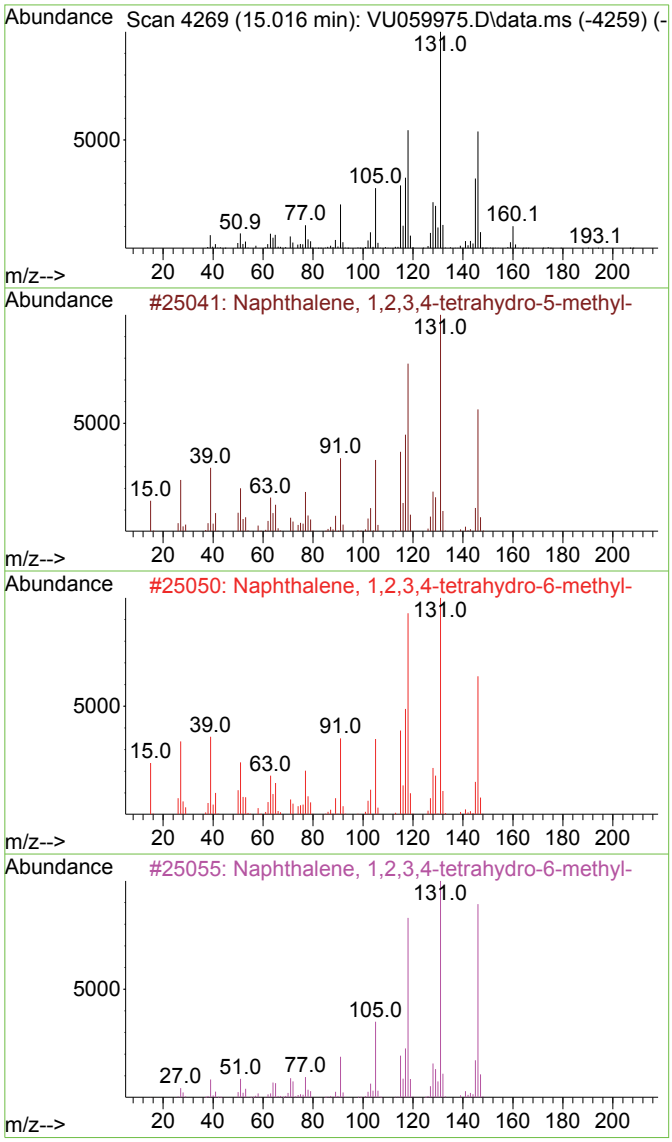
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

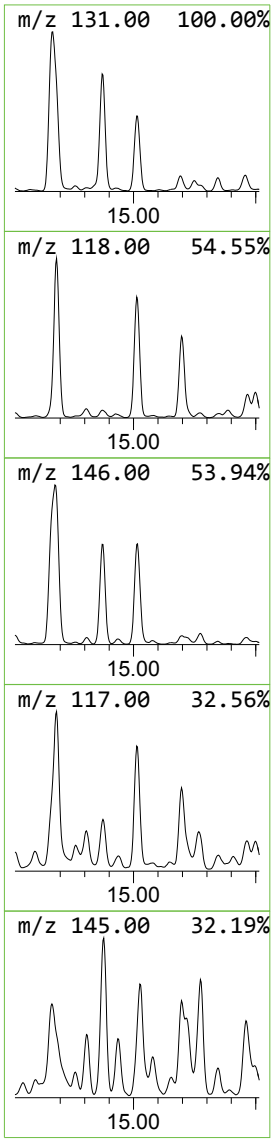
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.016	4.91 ug/L	3211050	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

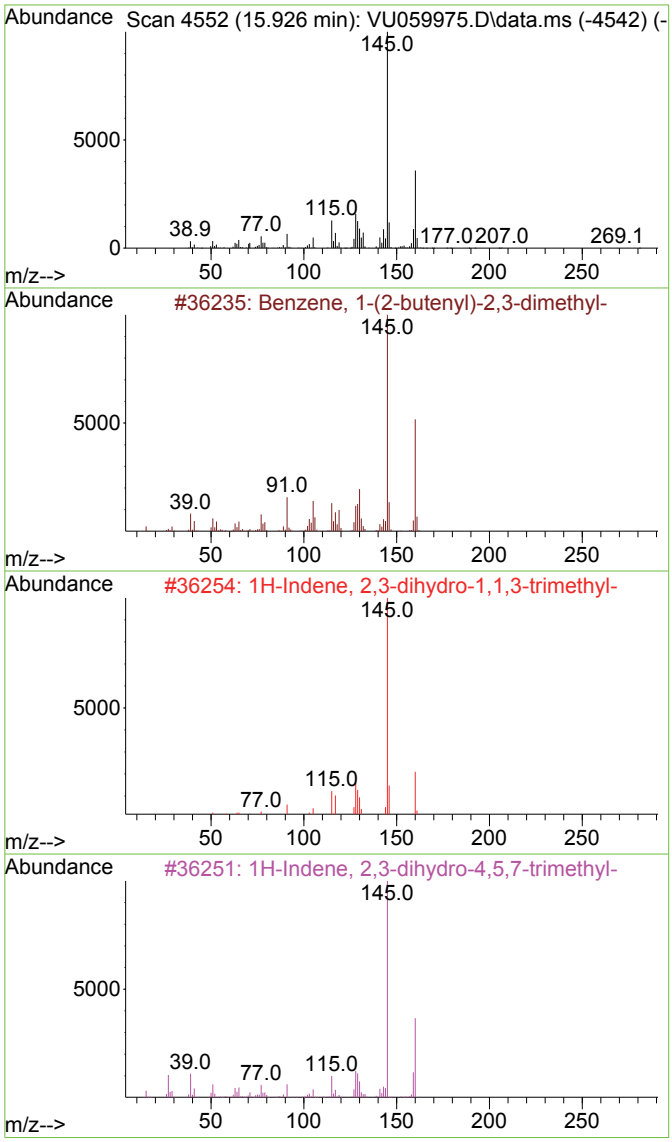
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

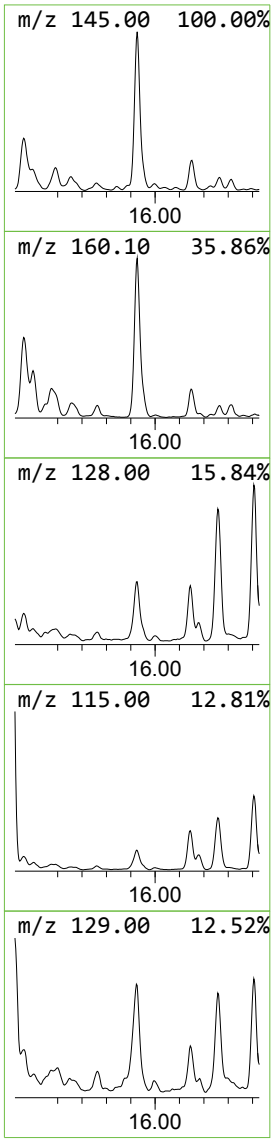
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.926	2.91 ug/L	1899720	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
3	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

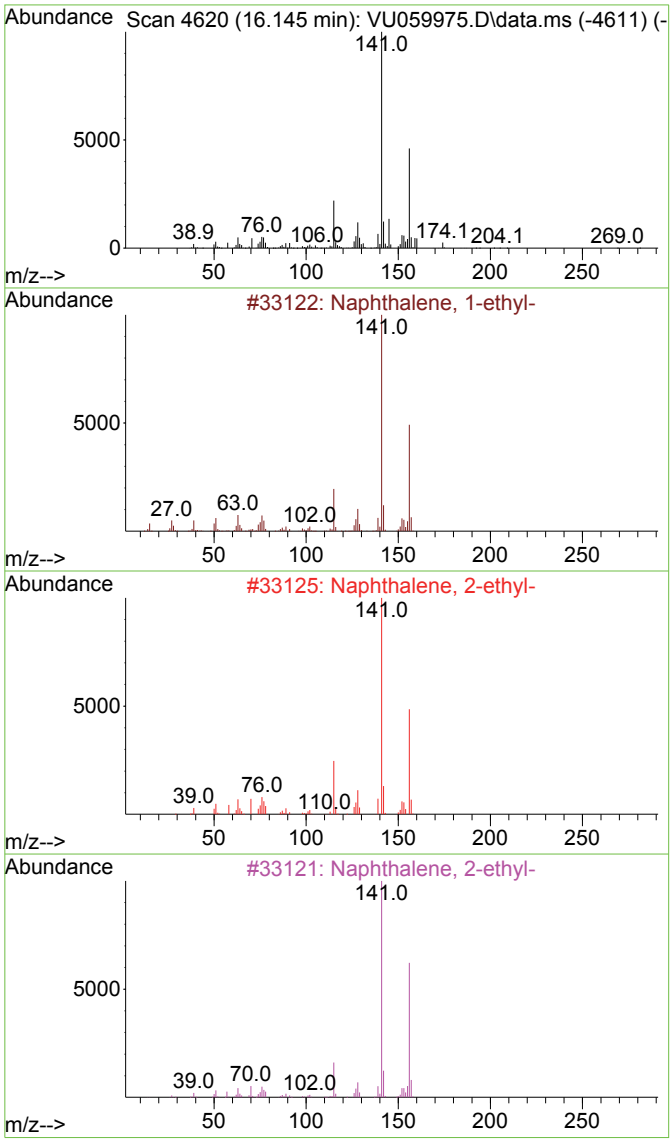
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

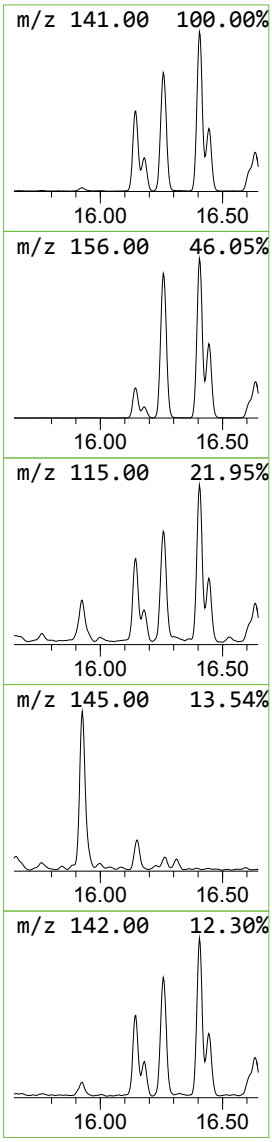
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Naphthalene, 1-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	2.96 ug/L	1933290	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

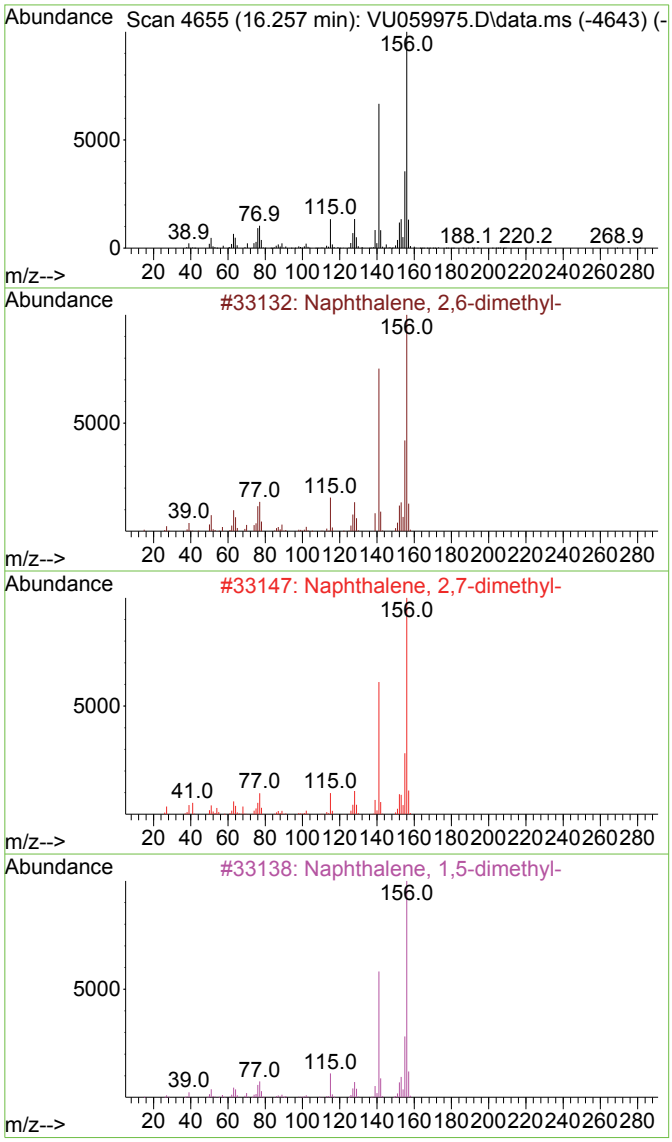
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

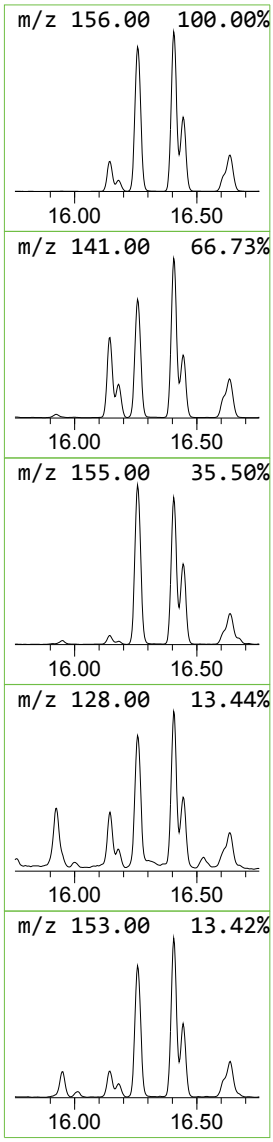
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	8.78 ug/L	5737370	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

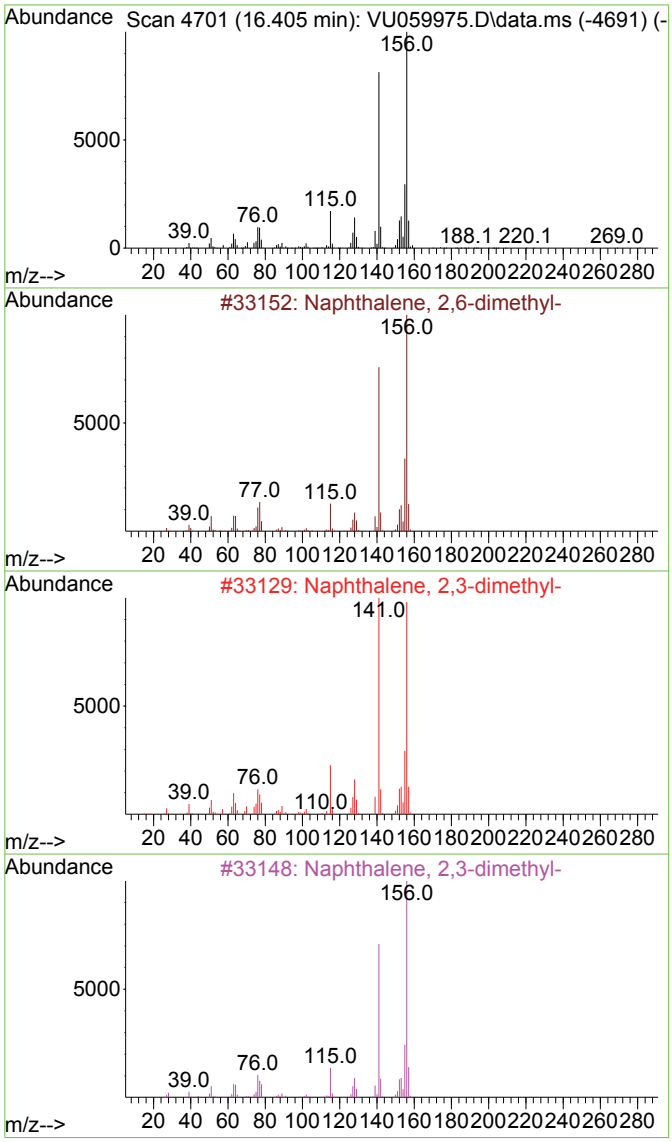
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

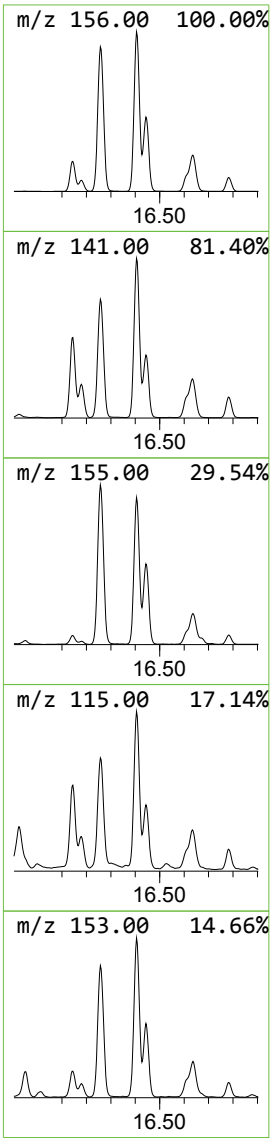
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.405	8.80 ug/L	5746710	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

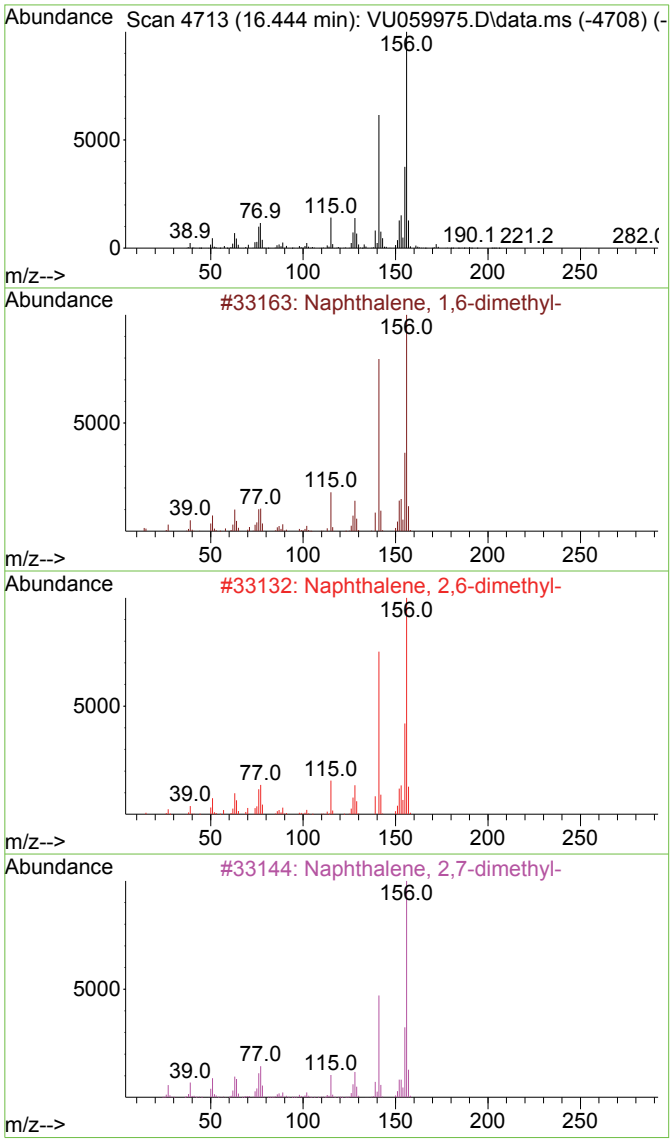
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

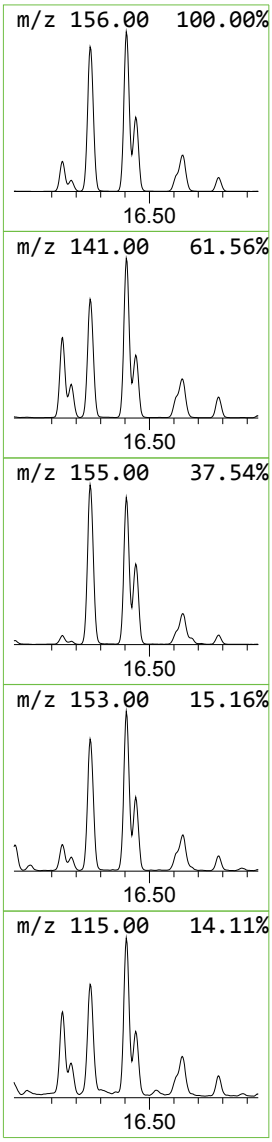
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.444	4.09 ug/L	2672830	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

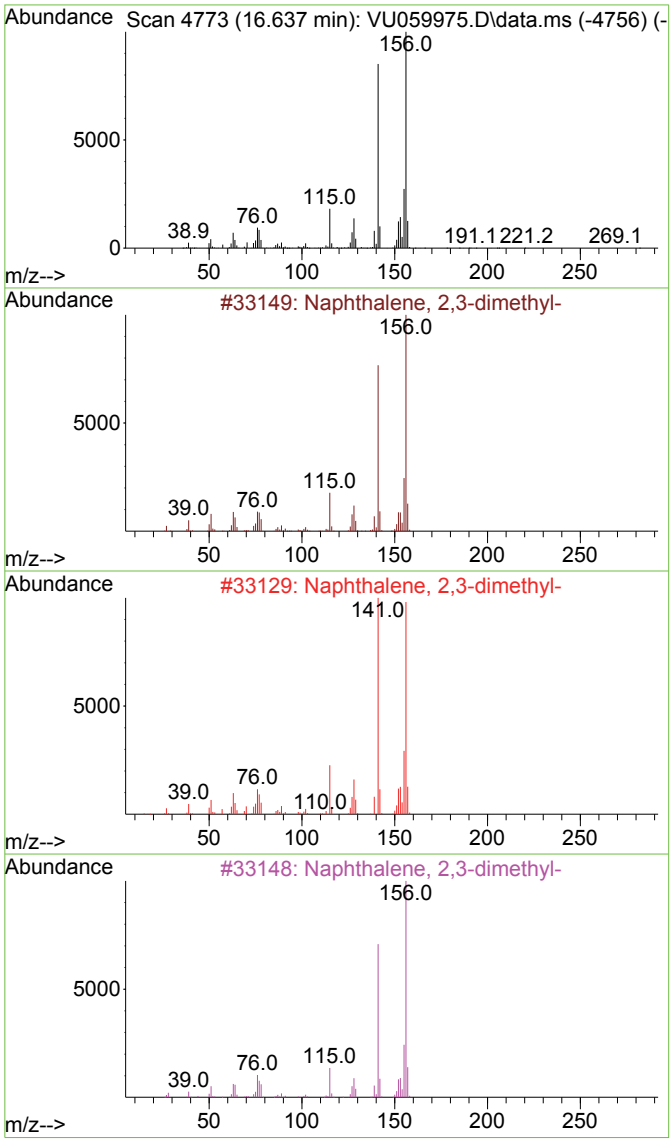
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

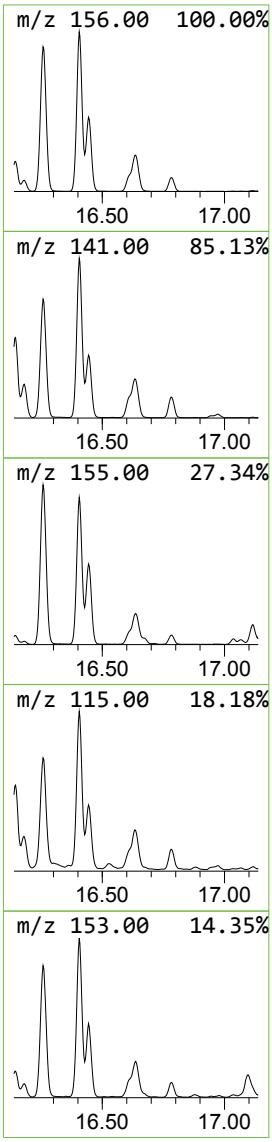
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Naphthalene, 1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.637	3.60 ug/L	2354780	1,4-Dichlorobenzene-d4	11.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059975.D
Acq On : 16 Jul 2024 15:30
Operator : MD/SY
Sample : P3217-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD7

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
2-Pentanol, 4-m...	8.232	2.7	ug/L	221036	2	9.415	406124	5.0
5-Octen-1-ol, (Z)-	10.270	4.8	ug/L	392280	2	9.415	406124	5.0
Cyclohexane, 2-...	10.357	3.7	ug/L	302628	2	9.415	406124	5.0
Benzene, 1-ethy...	11.290	3.8	ug/L	2472420	3	11.810	3266880	5.0
unknown-01	11.637	3.7	ug/L	2398550	3	11.810	3266880	5.0
Benzene, cyclop...	12.093	3.2	ug/L	2066950	3	11.810	3266880	5.0
Benzene, 2-ethy...	12.463	3.0	ug/L	1978400	3	11.810	3266880	5.0
o-Cymene	12.569	3.4	ug/L	2229210	3	11.810	3266880	5.0
Benzene, 1-ethe...	12.679	4.7	ug/L	3089700	3	11.810	3266880	5.0
Benzene, 1,2,3,...	12.968	5.8	ug/L	3760210	3	11.810	3266880	5.0
Benzene, 1,2,4,...	13.023	5.8	ug/L	3808470	3	11.810	3266880	5.0
Benzene, 2-bute...	13.450	7.4	ug/L	4845390	3	11.810	3266880	5.0
Cyclohexanemeth...	13.511	7.4	ug/L	4850940	3	11.810	3266880	5.0
Naphthalene, 1,...	13.621	4.8	ug/L	3126000	3	11.810	3266880	5.0
(+)-2-Bornanone	13.733	3.0	ug/L	1958360	3	11.810	3266880	5.0
1H-Indene, 2,3-...	13.836	5.3	ug/L	3466710	3	11.810	3266880	5.0
1H-Indene, 2,3-...	13.939	3.5	ug/L	2319730	3	11.810	3266880	5.0
Azulene	14.084	2.6	ug/L	1693520	3	11.810	3266880	5.0
Naphthalene, 1,...	14.187	2.7	ug/L	1737510	3	11.810	3266880	5.0
Benzene, (1-met...	14.283	4.2	ug/L	2746490	3	11.810	3266880	5.0
1H-Indene, 2,3-...	14.482	4.5	ug/L	2942360	3	11.810	3266880	5.0
Naphthalene, 1,...	14.675	10.4	ug/L	6790440	3	11.810	3266880	5.0
Benzene, (1,2-d...	14.875	4.5	ug/L	2950940	3	11.810	3266880	5.0
Naphthalene, 1,...	15.016	4.9	ug/L	3211050	3	11.810	3266880	5.0
Benzene, 1-(2-b...	15.926	2.9	ug/L	1899720	3	11.810	3266880	5.0
Naphthalene, 1-...	16.145	3.0	ug/L	1933290	3	11.810	3266880	5.0
Naphthalene, 2,...	16.257	8.8	ug/L	5737370	3	11.810	3266880	5.0
Naphthalene, 2,...	16.405	8.8	ug/L	5746710	3	11.810	3266880	5.0
Naphthalene, 1,...	16.444	4.1	ug/L	2672830	3	11.810	3266880	5.0
Naphthalene, 1,...	16.637	3.6	ug/L	2354780	3	11.810	3266880	5.0