LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

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: VU059928.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	14	21	36	rBV2	90009	110990	1.85%	0.266%
2	1.592	83	94	106	rBV4	174316	284384	4.74%	0.683%
3	1.907	183	192	208	rVB	70418	107589	1.79%	0.258%
4	2.557	381	394	413	rVB	135071	222139	3.70%	0.533%
5	4.650	1029	1045	1065	rBV4	57027	212251	3.54%	0.509%
6	5.055	1155	1171	1200	rBV	112766	261619	4.36%	0.628%
7	5.718	1358	1377	1385	rBV3	242220	600737	10.01%	1.442%
8	5.766	1386	1392	1409	rVB	205053	398913	6.65%	0.957%
9	6.242	1528	1540	1563	rBV	225147	446523	7.44%	1.072%
10	6.560	1625	1639	1656	rBV	290615	558279	9.30%	1.340%
11	6.682	1667	1677	1688	rBV	135835	259676	4.33%	0.623%
12	6.753	1690	1699	1713	rVB	91600	191887	3.20%	0.461%
13	7.560	1936	1950	1969	rBV	71219	133727	2.23%	0.321%
14	7.891	2030	2053	2065	rBV	308021	532221	8.87%	1.277%
15	7.962	2065	2075	2091	rVB	278617	483659	8.06%	1.161%
16	8.174	2130	2141	2154	rBV	40958	72242	1.20%	0.173%
17	8.631	2272	2283	2312	rBV	294343	628861	10.48%	1.509%
18	9.412	2514	2526	2548	rBV2	332700	728021	12.13%	1.747%
19	9.689	2595	2612	2625	rBV	159991	279035	4.65%	0.670%
20	10.094	2727	2738	2755	rVB	264841	430561	7.17%	1.033%
21	10.476	2847	2857	2868	rBV	107844	168647	2.81%	0.405%
22	10.698	2914	2926	2933	rBV5	56111	100171	1.67%	0.240%
23	10.746	2933	2941	2953	rVB2	167644	279249	4.65%	0.670%
24	10.901	2977	2989	3006	rBV	315400	512270	8.54%	1.229%
25	10.991	3006	3017	3022	rBV	411894	672645	11.21%	1.614%
26	11.081	3036	3045	3062	rVB	287413	454222	7.57%	1.090%
27	11.283	3097	3108	3125	rVV	758645	1195245	19.91%	2.869%
28	11.460	3152	3163	3191	rVB	944995	1462777	24.37%	3.511%
29	11.631	3198	3216	3230	rBV6	118790	271727	4.53%	0.652%
30	11.740	3243	3250	3257	rVB3	57247	77914	1.30%	0.187%
31	11.807	3257	3271	3273	rBV2	428763	636950	10.61%	1.529%
32	11.888	3288	3296	3315	rVB	157220	275280	4.59%	0.661%
33	12.087	3340	3358	3377	rBV5	137409	312450	5.21%	0.750%
34	12.203	3377	3394	3413	rVB2	2039694	3773964	62.88%	9.058%
35	12.370	3438	3446	3459	rVB	57494	92257	1.54%	0.221%
36	12.457	3462	3473	3479	rBV	40060	71408	1.19%	0.171%

LSC Area Percent Report

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ClientSampleId :
YDZJ9

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	12.563	3497	3506	3514	rBV2	62441	92385	1.54%	0.222%
38	12.676	3532	3541	3549	rBV	68568	125501	2.09%	0.301%
39	12.859	3591	3598	3612	rVB2	37089	78541	1.31%	0.189%
40	12.942	3612	3624	3640	rBV3	142183	363325	6.05%	0.872%
41	13.020	3640	3648	3664	rVB	90918	152771	2.55%	0.367%
42	13.106	3665	3675	3688	rBV6	30140	70332	1.17%	0.169%
43	13.399	3757	3766	3772	rBV4	71747	124084	2.07%	0.298%
44	13.444	3772	3780	3793	rVV3	244472	466209	7.77%	1.119%
45	13.508	3794	3800	3808	rVV5	40593	82568	1.38%	0.198%
46	13.618	3826	3834	3850	rBV4	86044	154584	2.58%	0.371%
47	13.727	3859	3868	3877	rBV4	134457	223525	3.72%	0.536%
48	13.778	3877	3884	3890	rVV	84071	130909	2.18%	0.314%
49	13.827	3890	3899	3917	rVV6	209202	595816	9.93%	1.430%
50	13.904	3918	3923	3927	rVV2	122400	183291	3.05%	0.440%
51	13.936	3928	3933	3952	rVB5	174783	410076	6.83%	0.984%
52	14.077	3962	3977	3998	rVB	391185	884285	14.73%	2.122%
53	14.184	4000	4010	4023	rVB2	186622	321960	5.36%	0.773%
54	14.280	4023	4040	4052	rBV4	348616	724026	12.06%	1.738%
55	14.341	4052	4059	4068	rVV4	108323	185022	3.08%	0.444%
56	14.389	4068	4074	4090	rVB6	55410	127139	2.12%	0.305%
57	14.476	4090	4101	4120	rBV2	309636	620443	10.34%	1.489%
58	14.663	4148	4159	4182	rVB4	508197	1208605	20.14%	2.901%
59	14.801	4193	4202	4213	rBV	441794	665435	11.09%	1.597%
60	14.868	4214	4223	4234	rVB2	500465	817758	13.63%	1.963%
61	14.933	4235	4243	4256	rVB2	97745	158617	2.64%	0.381%
62	15.010	4257	4267	4281	rBV3	457292	830193	13.83%	1.993%
63	15.142	4301	4308	4314	rBV2	48448	75593	1.26%	0.181%
64	15.212	4315	4330	4341	rVV	2849191	4708378	78.45%	11.301%
65	15.264	4341	4346	4359	rVB3	203983	315528	5.26%	0.757%
66	15.338	4361	4369	4376	rBV3	76562	115150	1.92%	0.276%
67	15.402	4377	4389	4401	rBV	3708860	6001743	100.00%	14.405%
68	15.457	4401	4406	4412	rVB3	60464	79783	1.33%	0.191%
69	15.756	4483	4499	4505	rBV5	38281	91864	1.53%	0.220%
70	15.920	4538	4550	4566	rVB2	237340	452883	7.55%	1.087%
71	16.000	4567	4575	4590	rVB9	34892	71493	1.19%	0.172%
72	16.142	4610	4619	4624	rBV2	161325	248222	4.14%	0.596%
73	16.174	4625	4629	4638	rVB2	124198	166366	2.77%	0.399%
74	16.254	4644	4654	4664	rBV	361836	575067	9.58%	1.380%
75	16.402	4690	4700	4707	rBV	518030	832159	13.87%	1.997%
76	16.441	4707	4712	4725	rVB	245544	370557	6.17%	0.889%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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	16.521	4729	4737	4750	rVB4	39892	71526	1.19%	0.172%
78	16.605	4754	4763	4766	rBV3	62716	93145	1.55%	0.224%
79	16.634	4767	4772	4782	rVB	103936	156791	2.61%	0.376%
80	16.778	4809	4817	4838	rVB	69962	141042	2.35%	0.339%

Sum of corrected areas: 41665180

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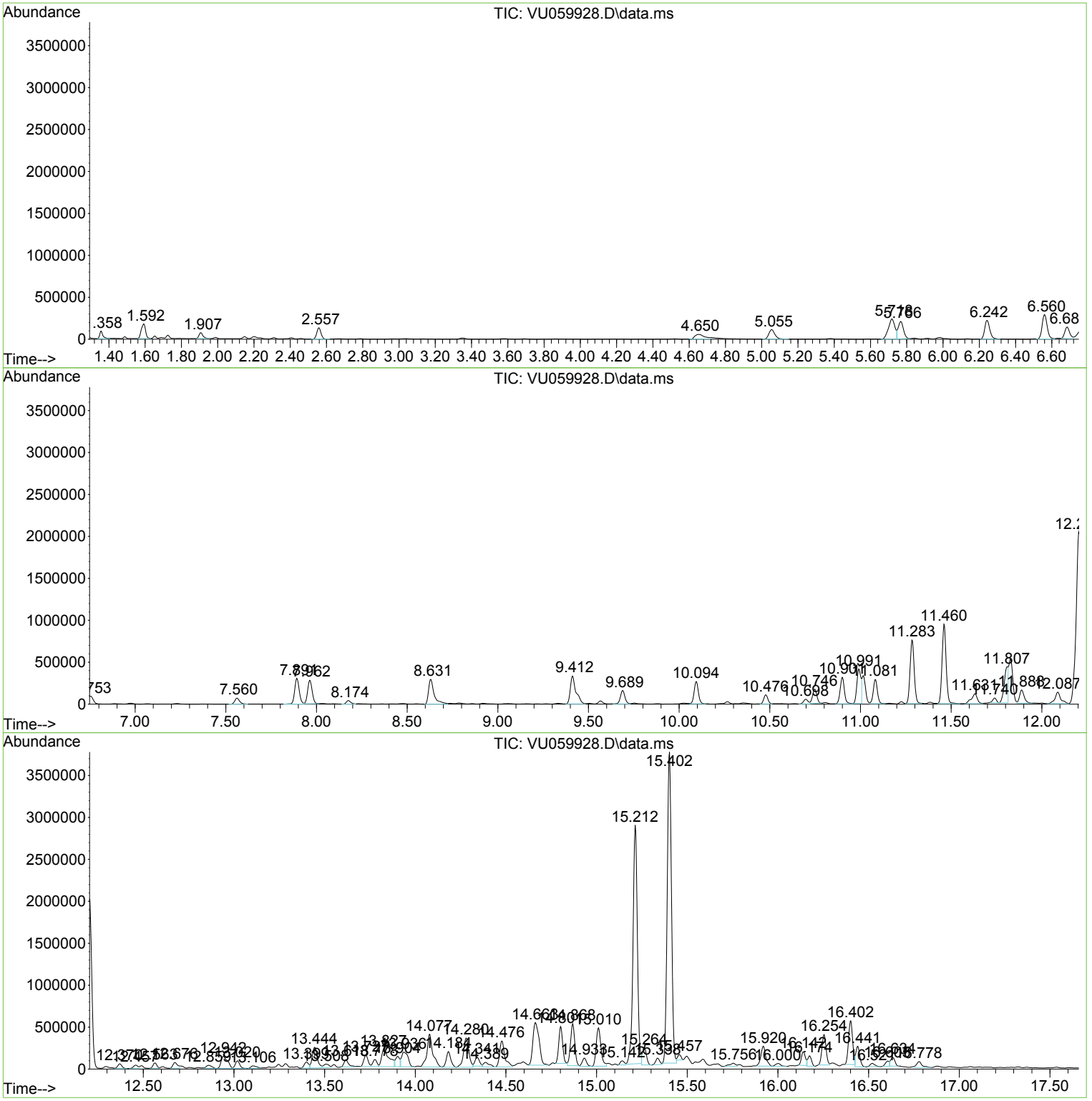
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

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\VU071224\
Data File : VU059928.D
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Operator : MD/SY
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

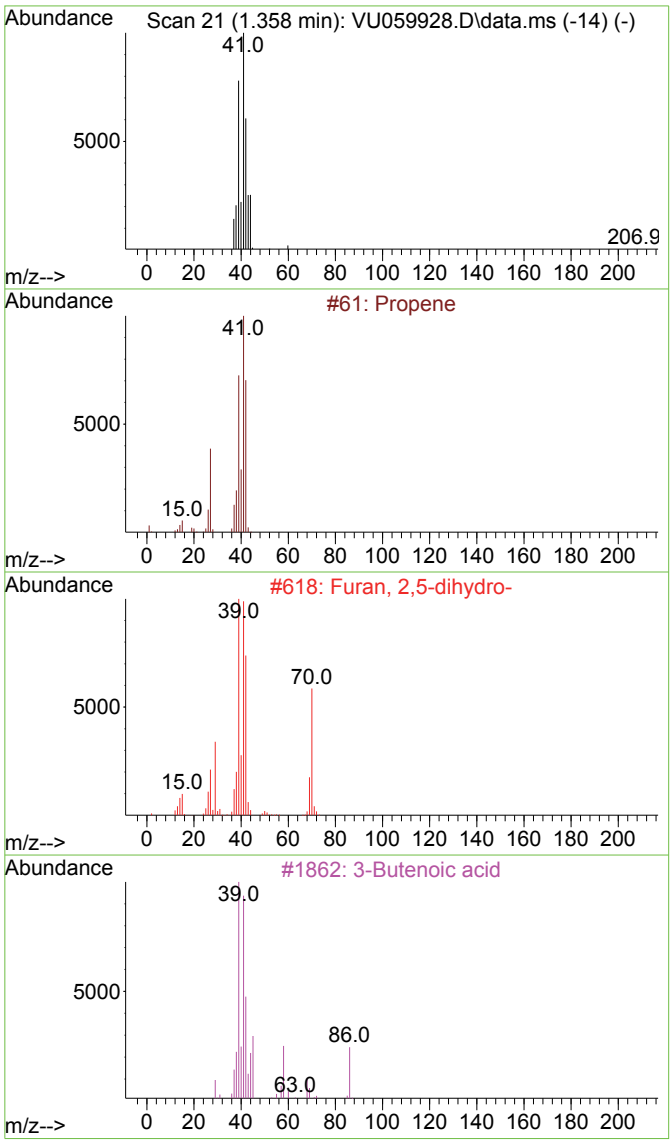
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

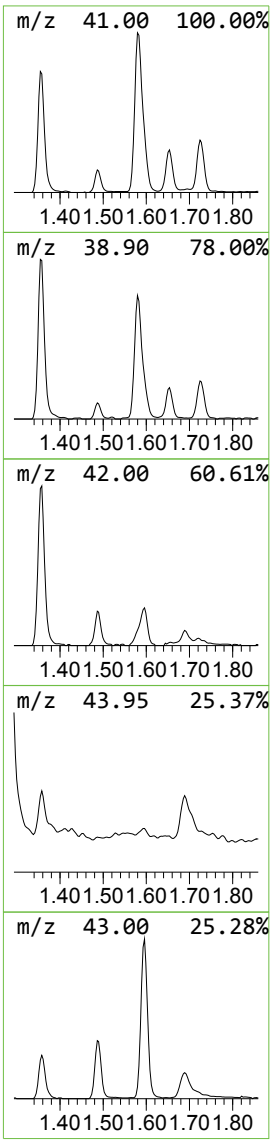
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	1.24 ug/L	110990	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
5	Cycloheptano[d]imidazolidine, 1,...	186	C9H18N2O2	306947-39-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

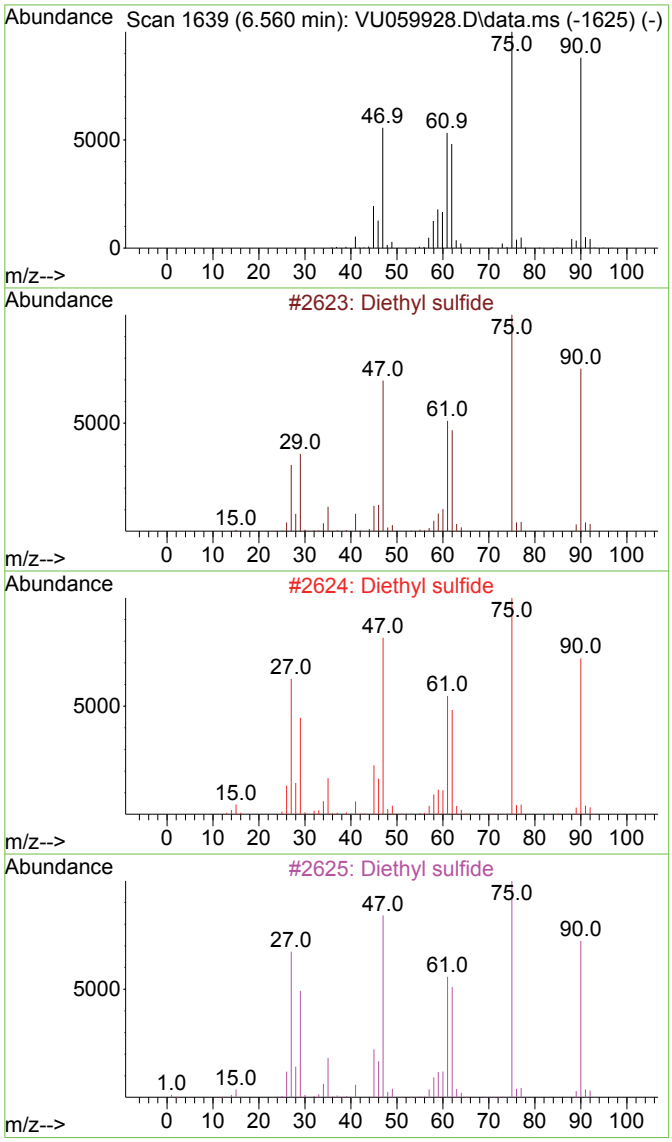
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

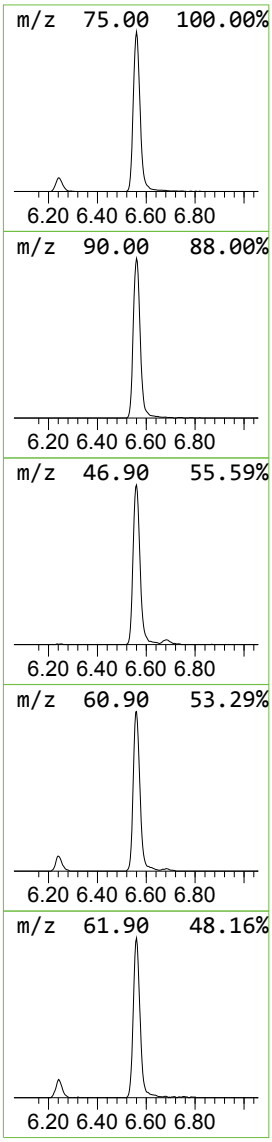
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diethyl sulfide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.560	6.25 ug/L	558279	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	97
2	Diethyl sulfide	90	C4H10S	000352-93-2	95
3	Diethyl sulfide	90	C4H10S	000352-93-2	91
4	Diethyl sulfide	90	C4H10S	000352-93-2	91
5	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

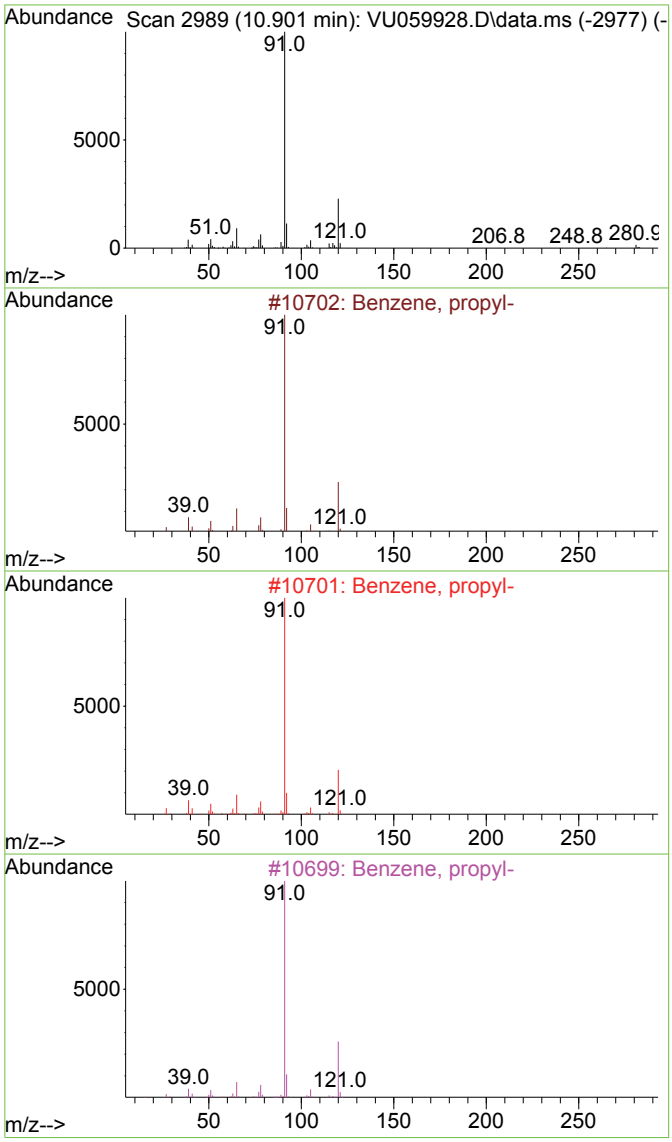
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

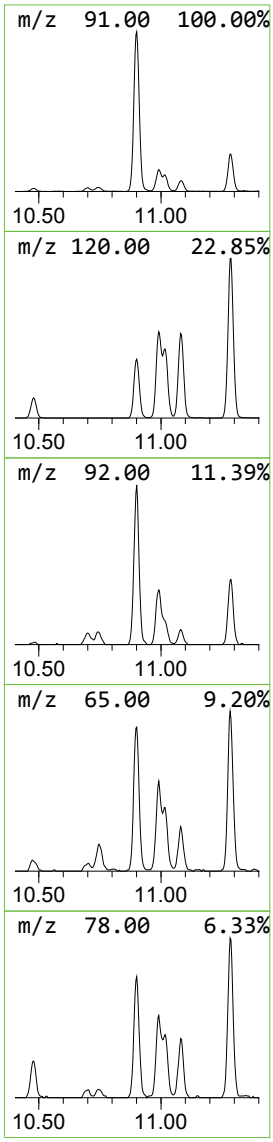
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.901	4.02 ug/L	512270	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
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	76
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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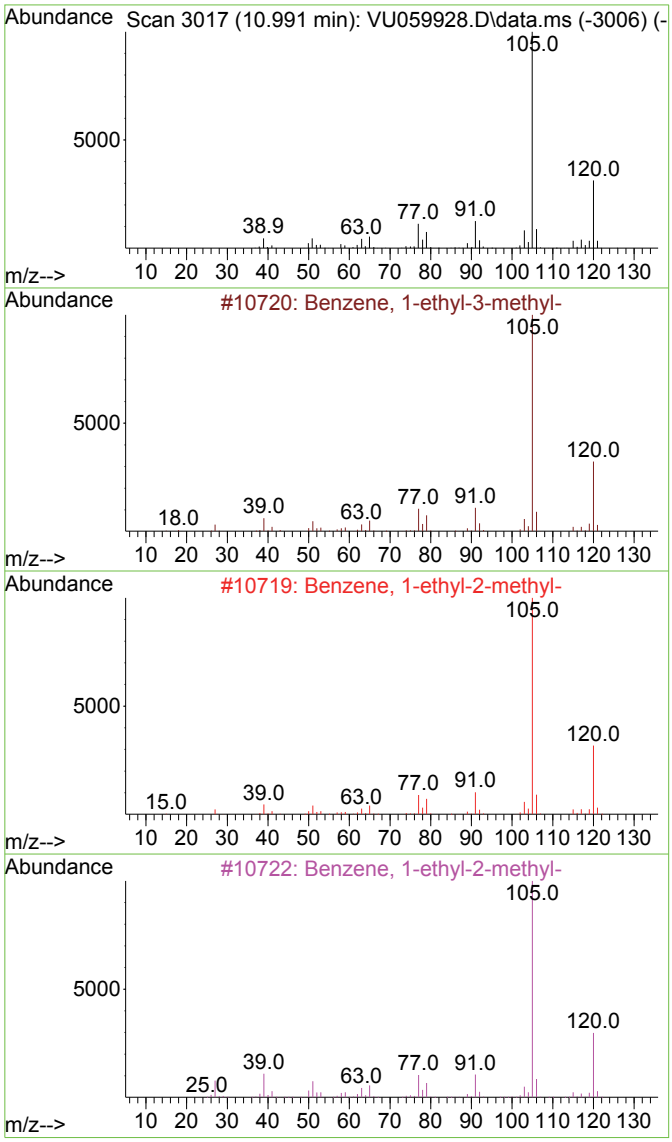
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

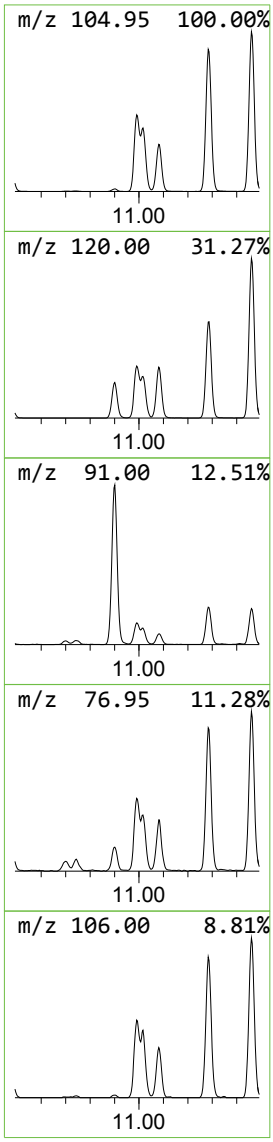
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.991	5.28 ug/L	672645	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	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

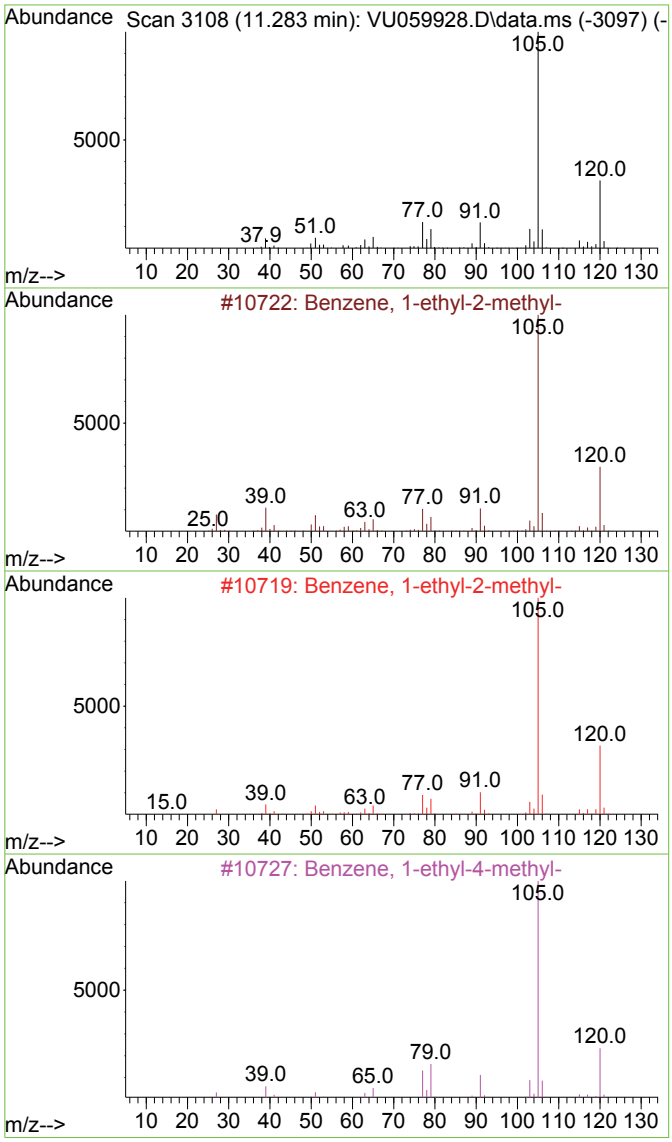
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

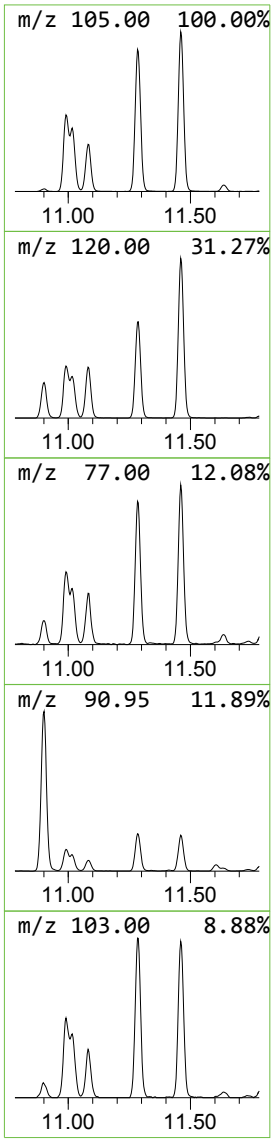
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	9.38 ug/L	1195250	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	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
YDZJ9

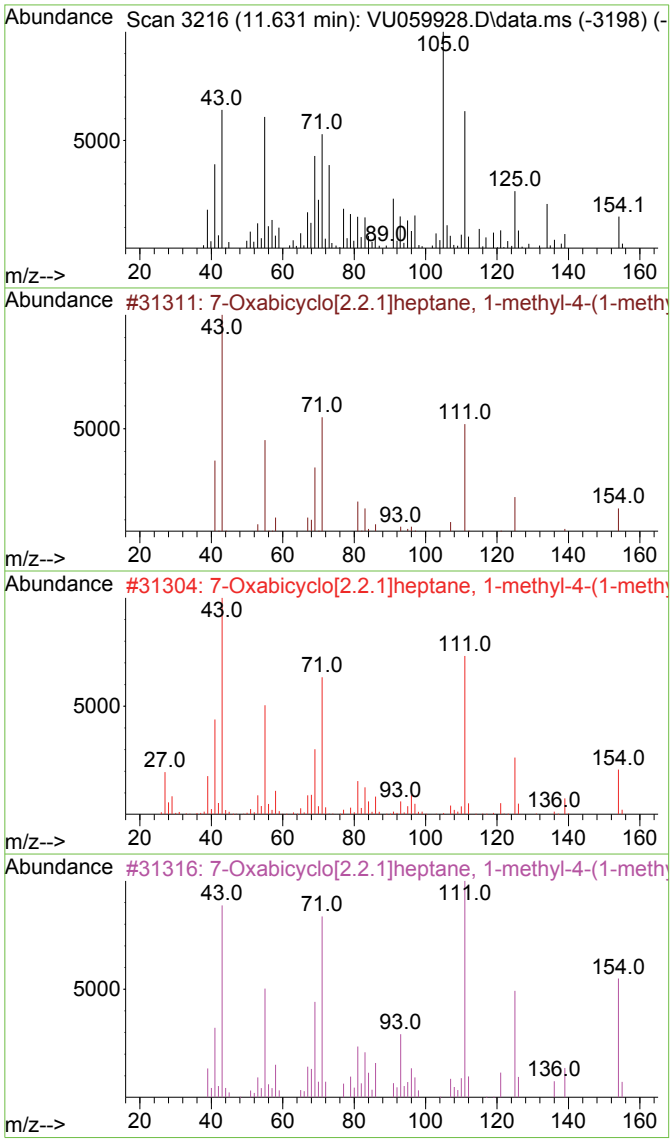
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

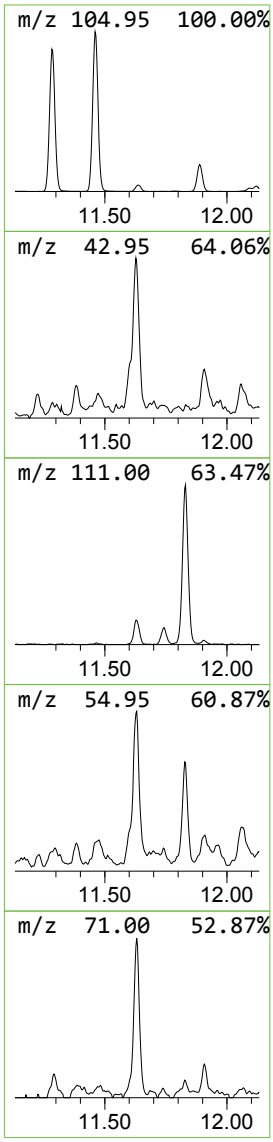
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.631	2.13 ug/L	271727	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	64
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	60
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	49
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	45
5	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	38





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

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

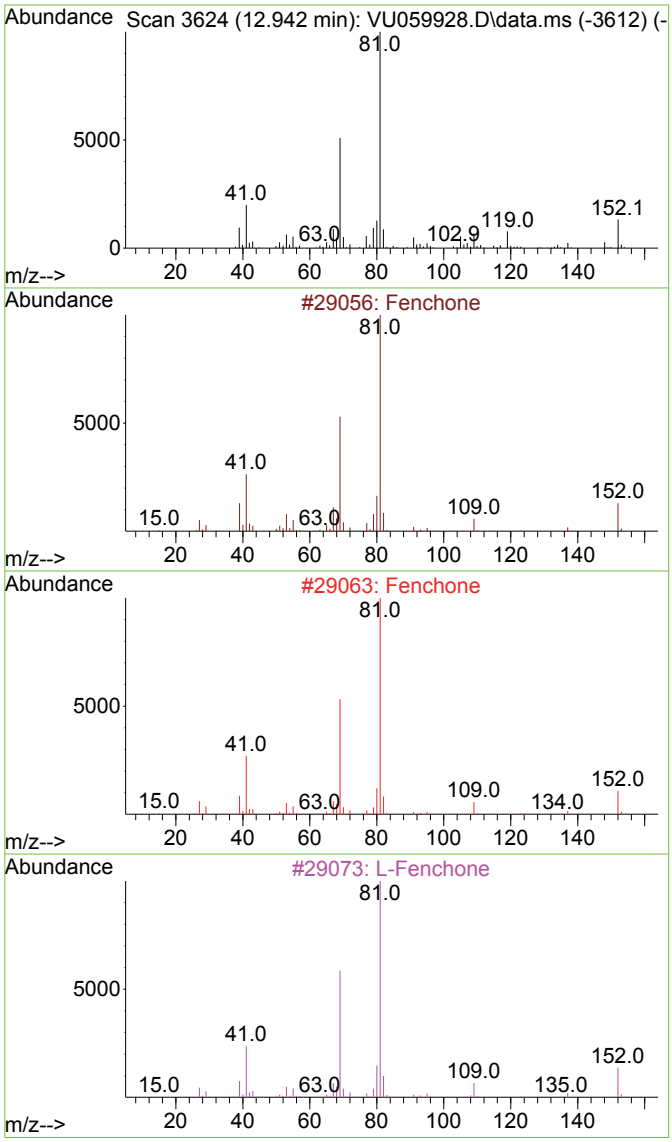
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

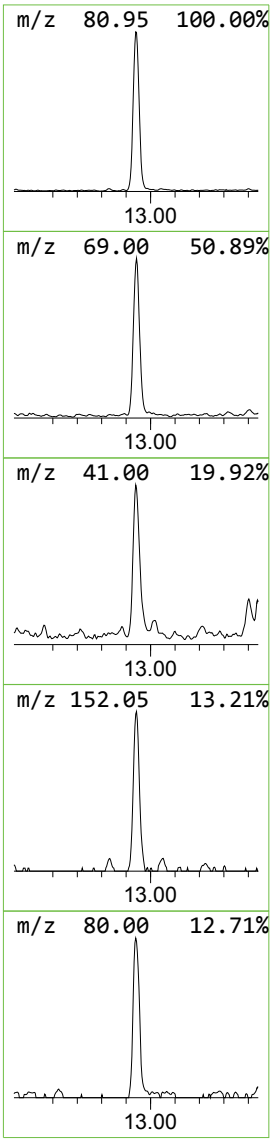
****

Peak Number 16 Fenchone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.942	2.85 ug/L	363325	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	Fenchone	152	C10H16O	001195-79-5	93
3	L-Fenchone	152	C10H16O	007787-20-4	93
4	L-Fenchone	152	C10H16O	007787-20-4	91
5	D-Fenchone	152	C10H16O	004695-62-9	90





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

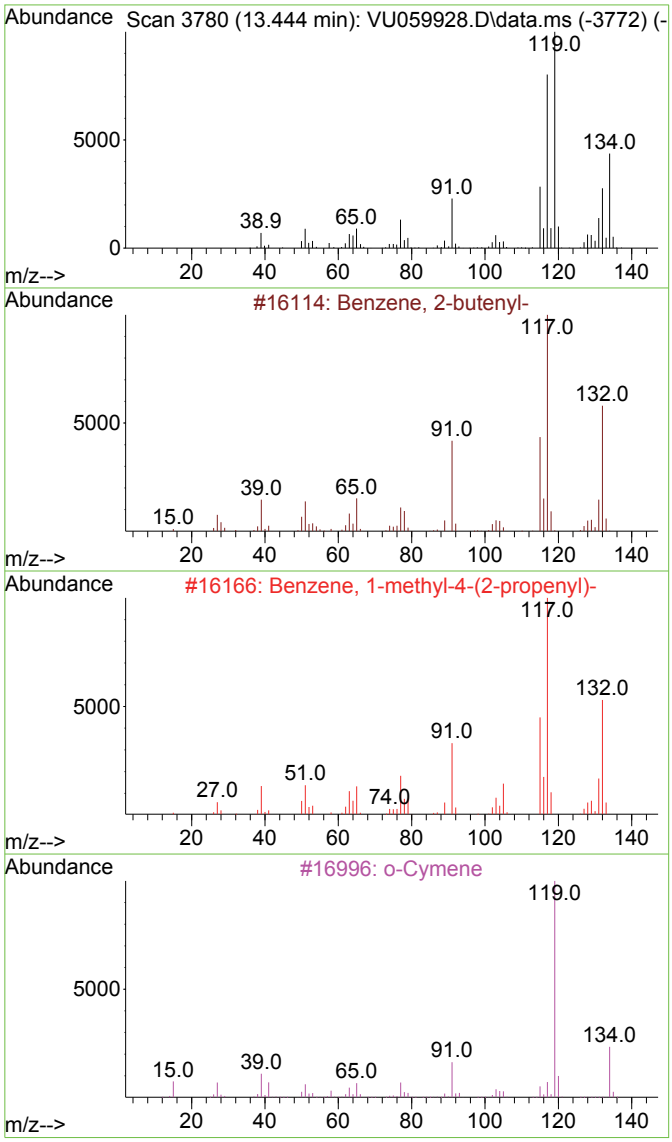
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

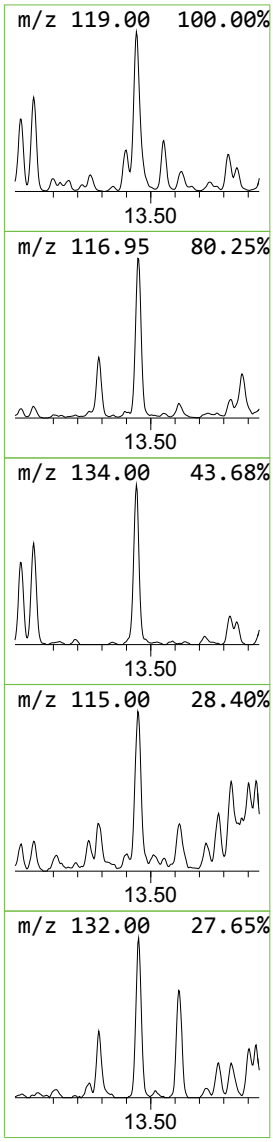
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-butenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	3.66 ug/L	466209	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	52
3	o-Cymene	134	C10H14	000527-84-4	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	p-Cymene	134	C10H14	000099-87-6	50





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

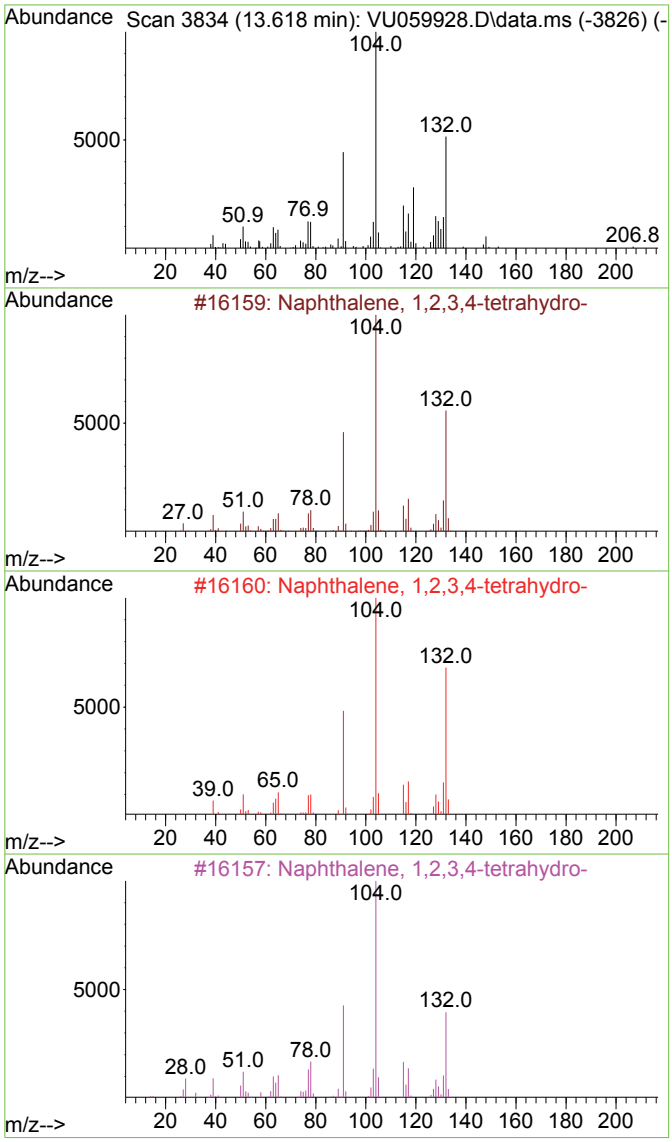
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

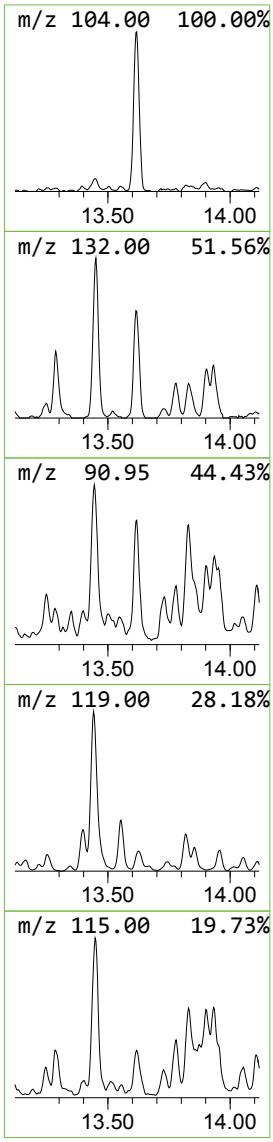
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	1.21 ug/L	154584	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

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

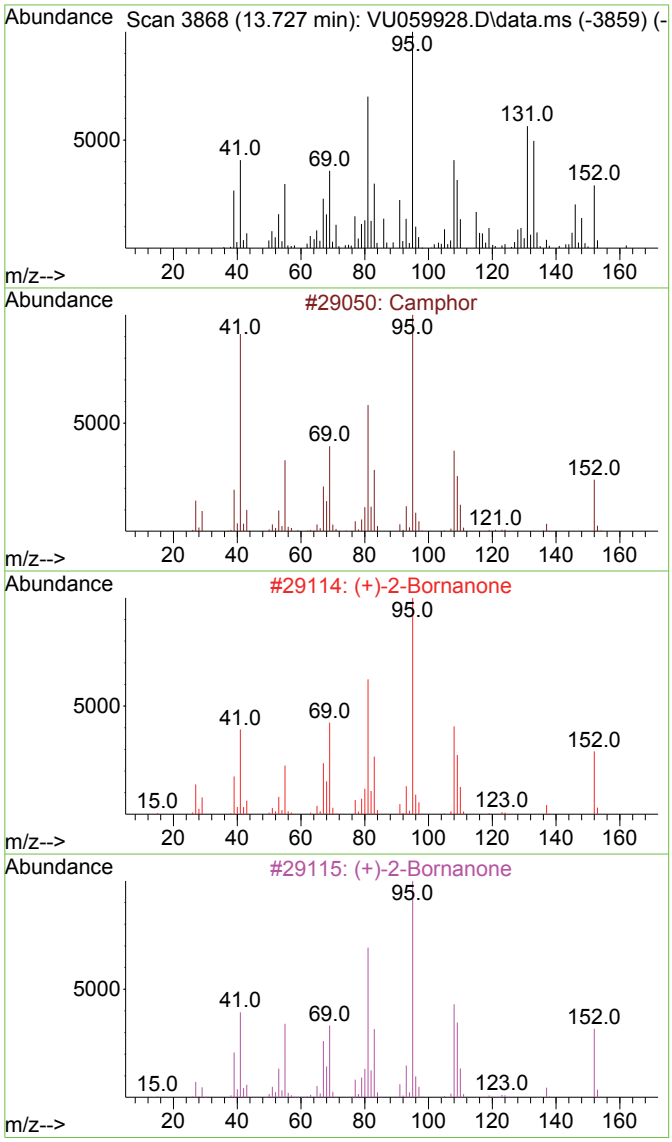
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

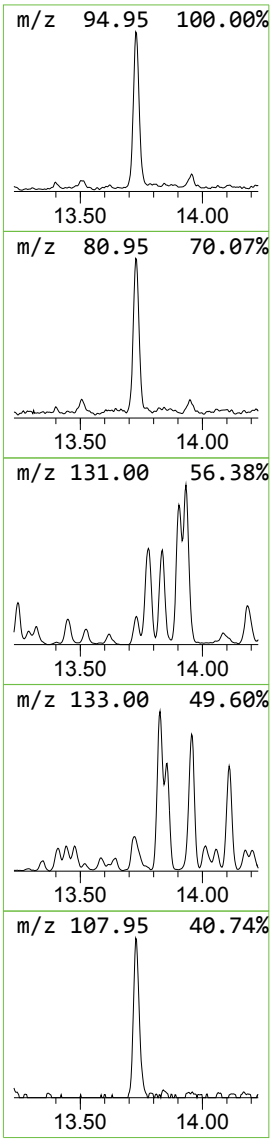
****

Peak Number 23 Camphor Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	1.75 ug/L	223525	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	96
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	96





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

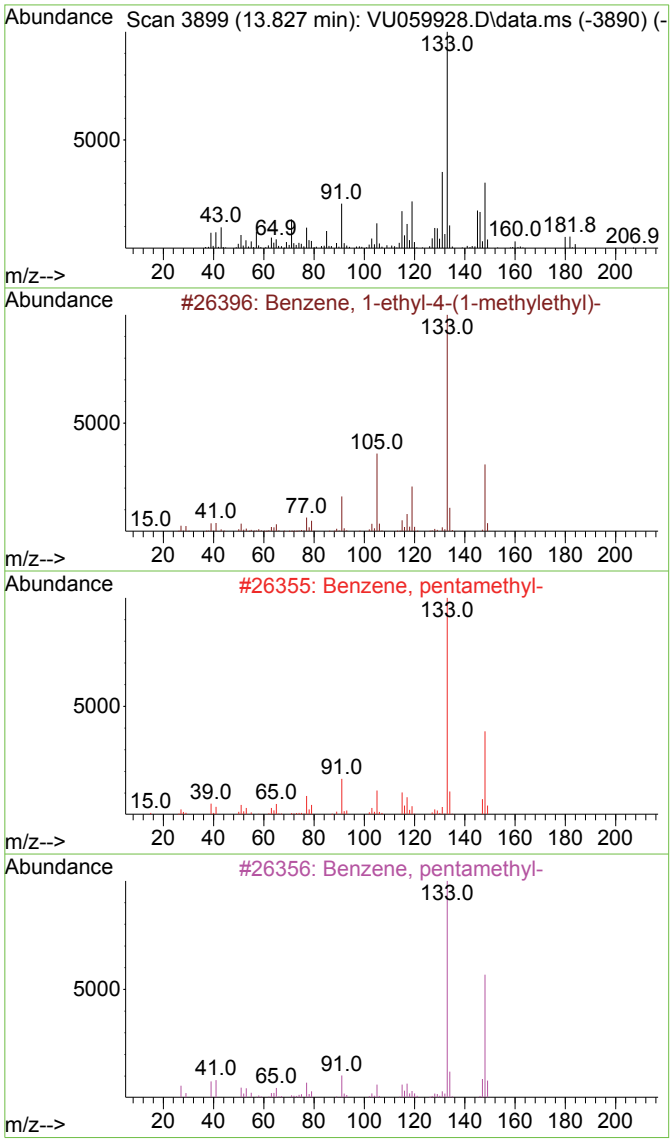
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

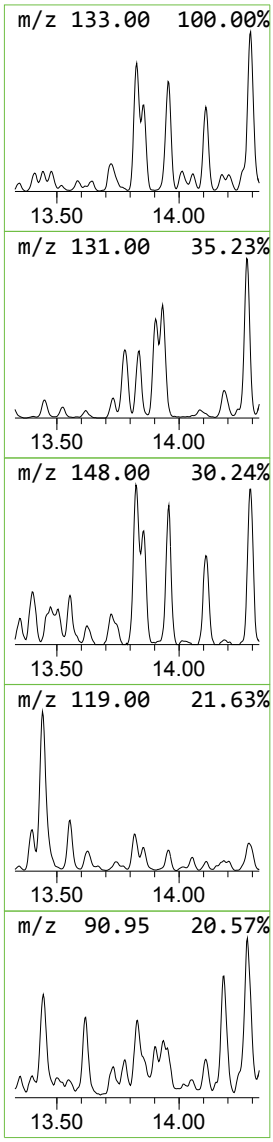
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	4.68 ug/L	595816	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

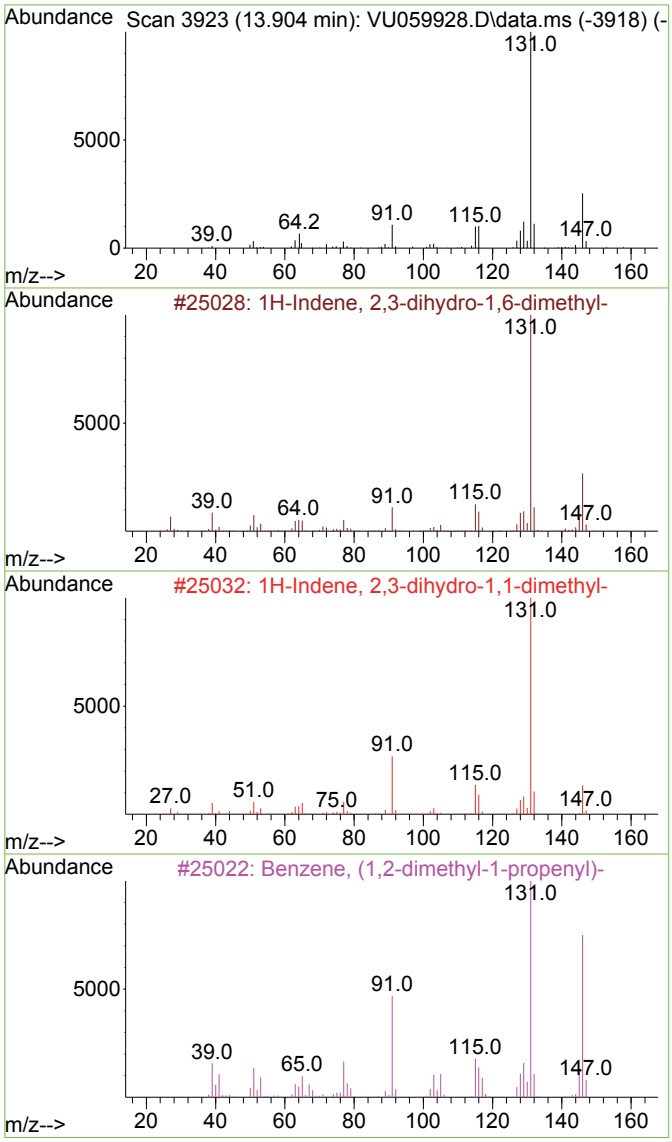
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

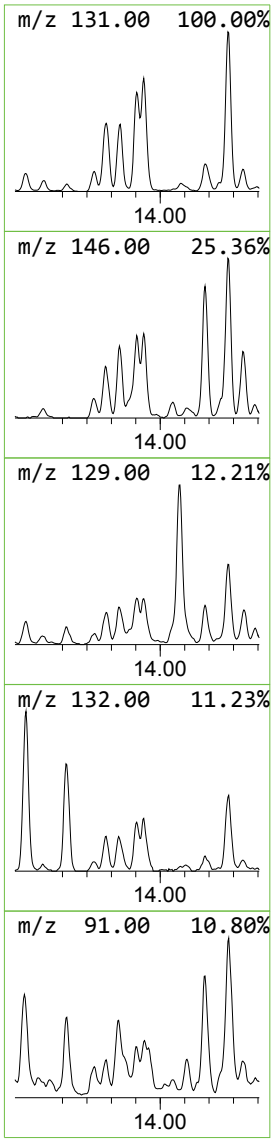
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	1.44 ug/L	183291	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

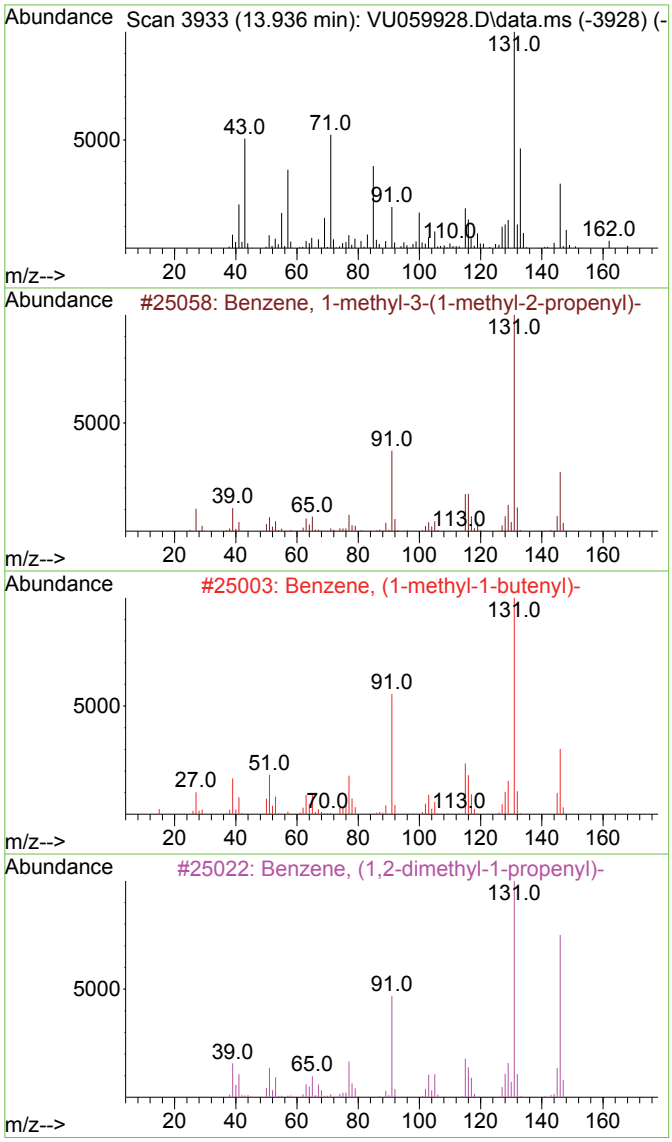
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

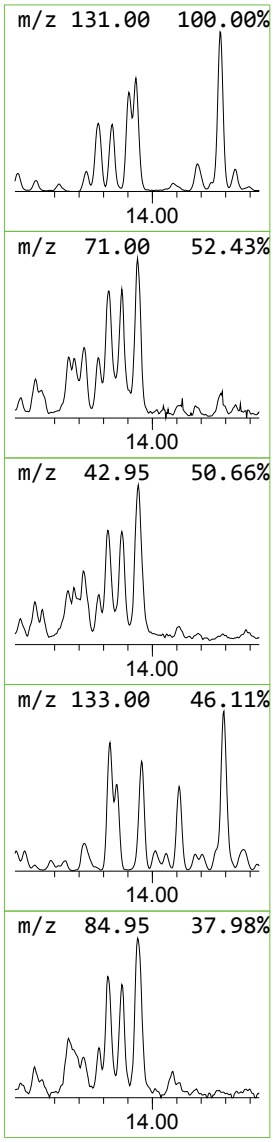
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	3.22 ug/L	410076	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	49
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	49





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

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

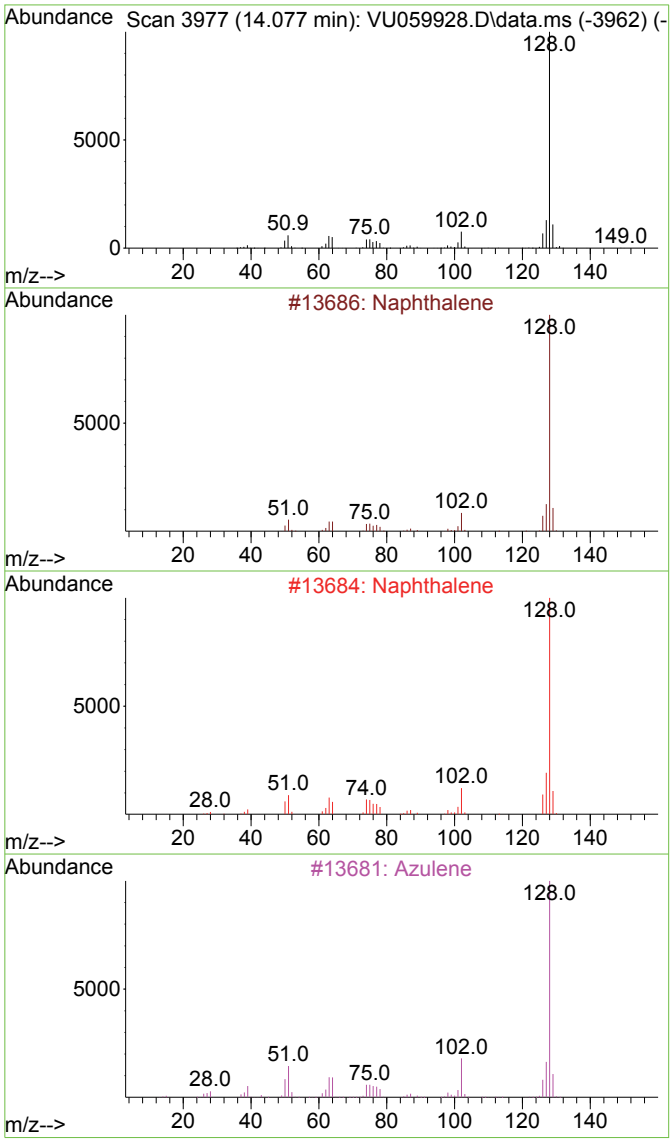
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

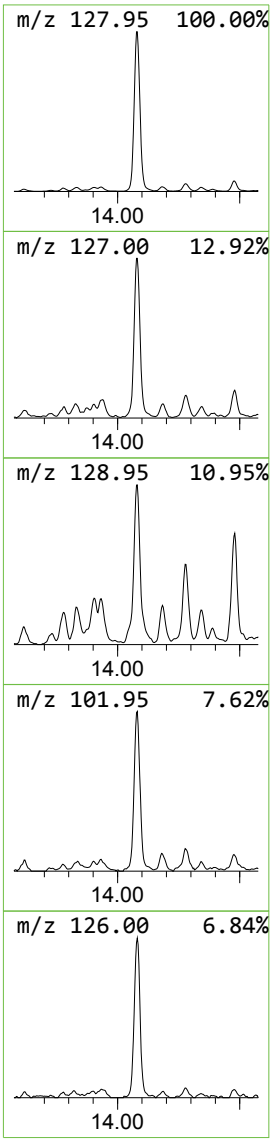
****

Peak Number 28 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	6.94 ug/L	884285	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	91
3	Azulene	128	C10H8	000275-51-4	91
4	Naphthalene	128	C10H8	000091-20-3	90
5	Naphthalene	128	C10H8	000091-20-3	90





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

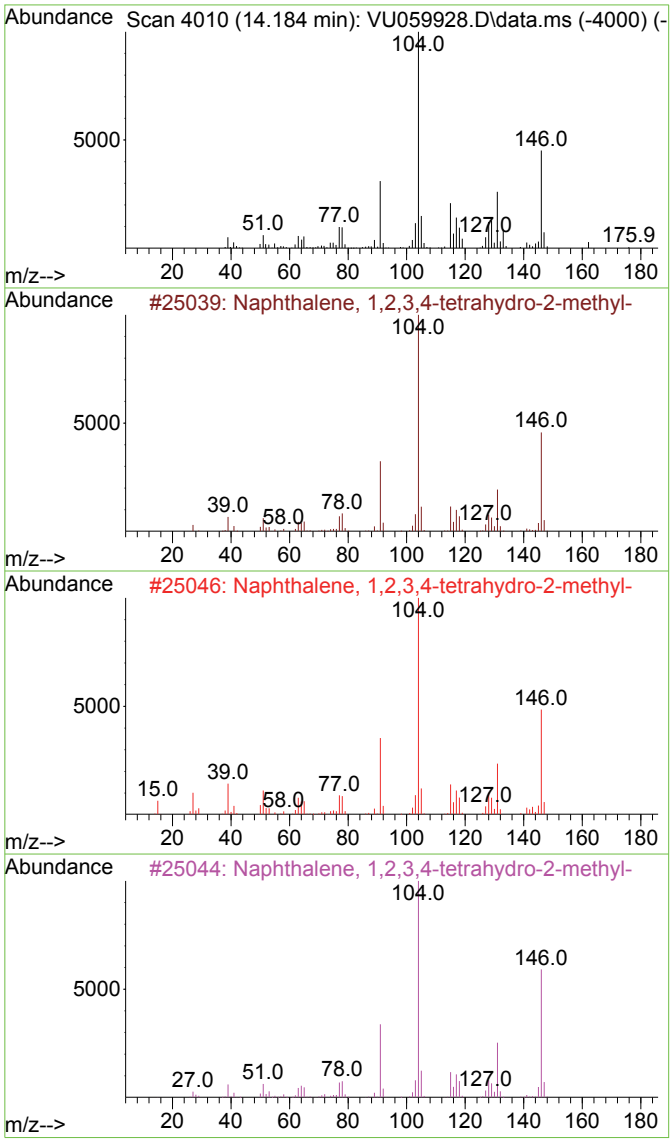
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

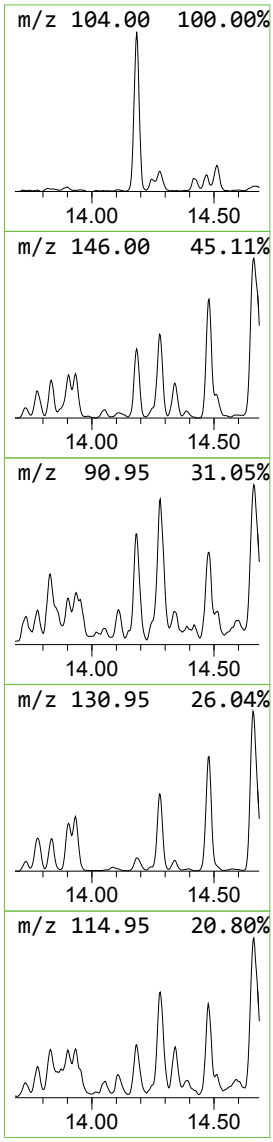
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.184	2.53 ug/L	321960	1,4-Dichlorobenzene-d4	11.807

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	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

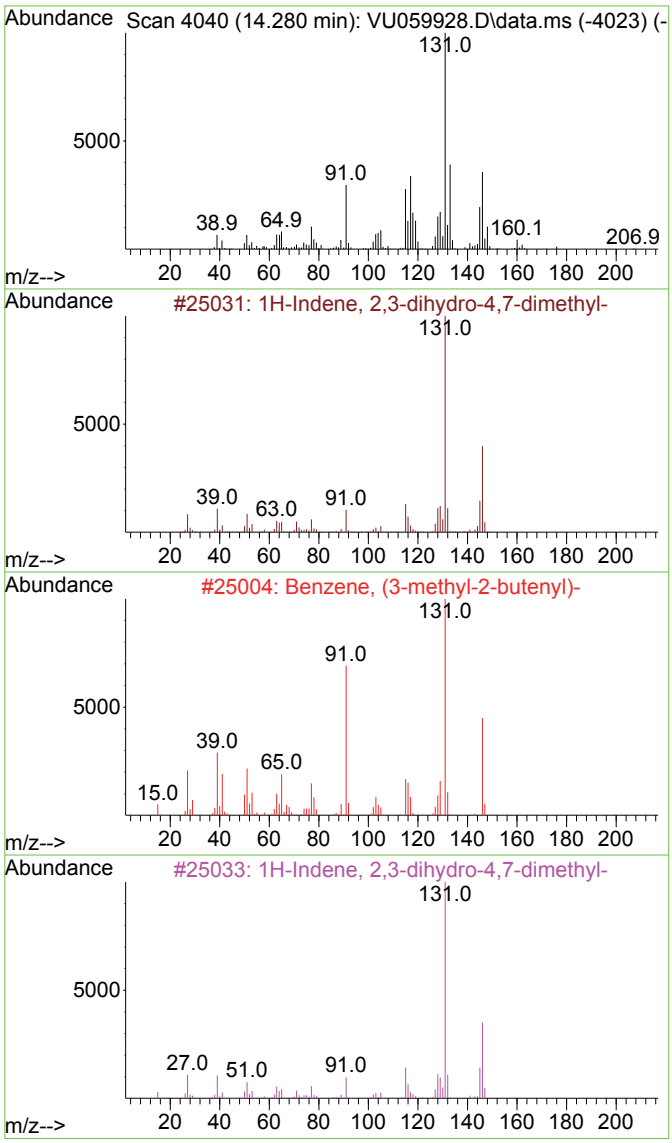
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

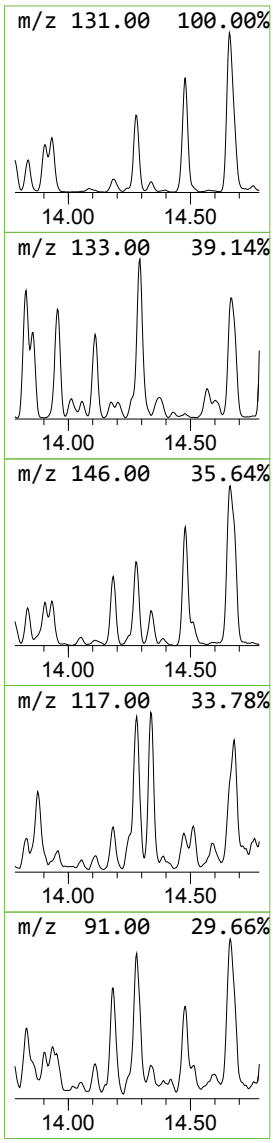
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	5.68 ug/L	724026	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	78
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

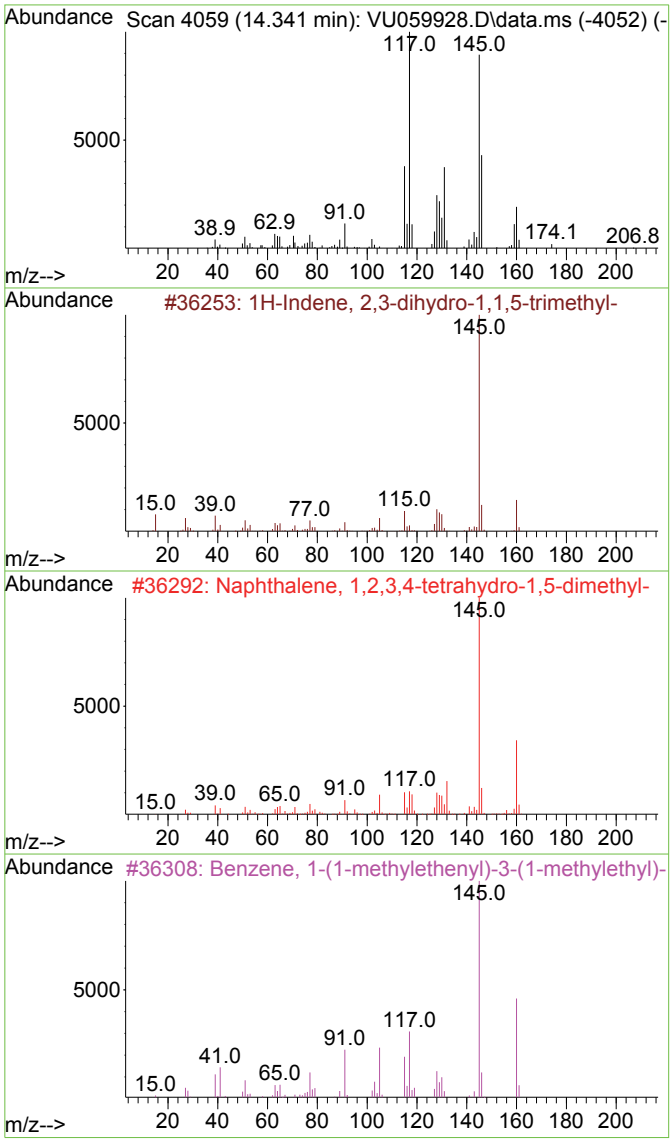
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

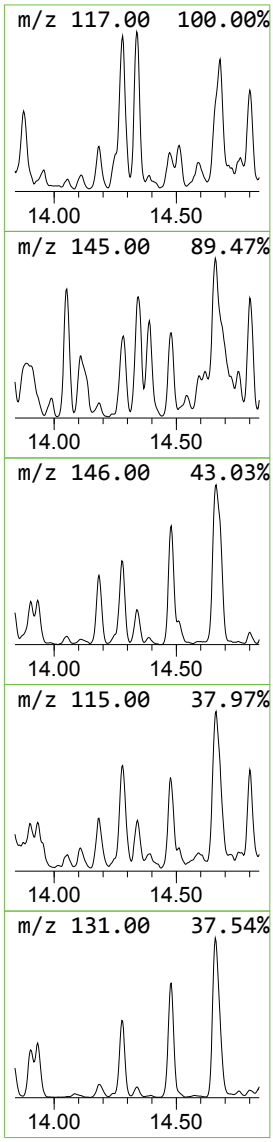
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	1.45 ug/L	185022	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	49
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	47
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

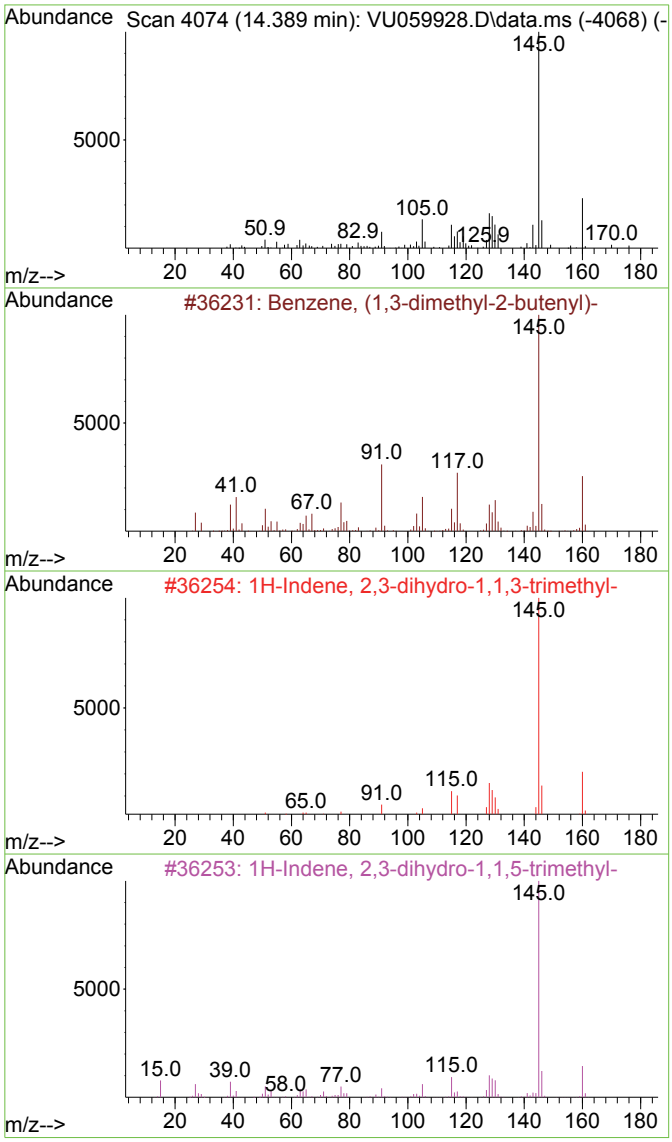
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

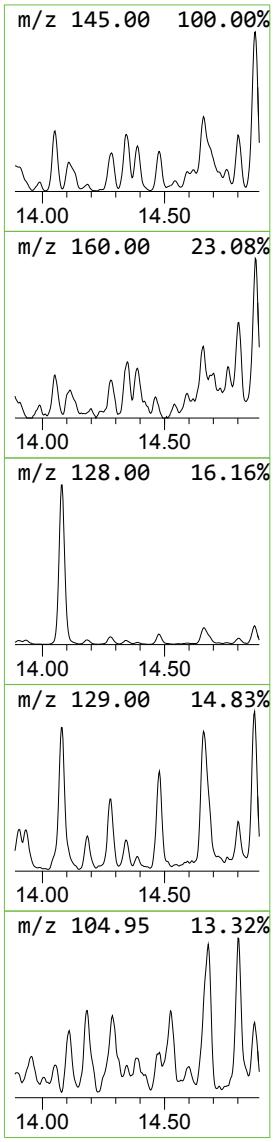
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, (1,3-dimethyl-2-bu... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	1.00 ug/L	127139	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

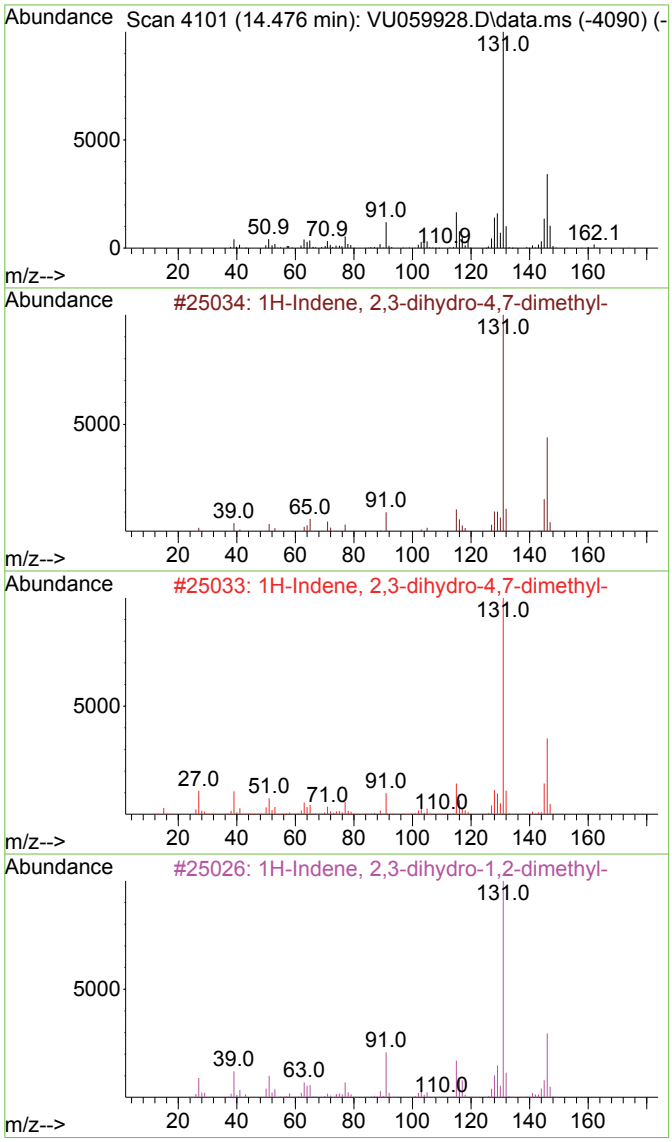
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

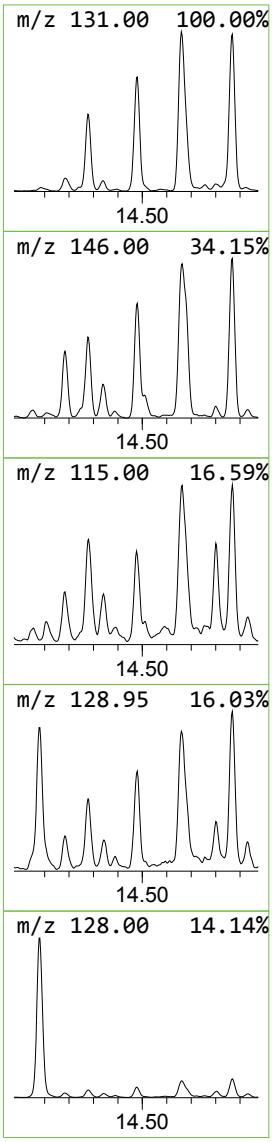
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.476	4.87 ug/L	620443	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	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

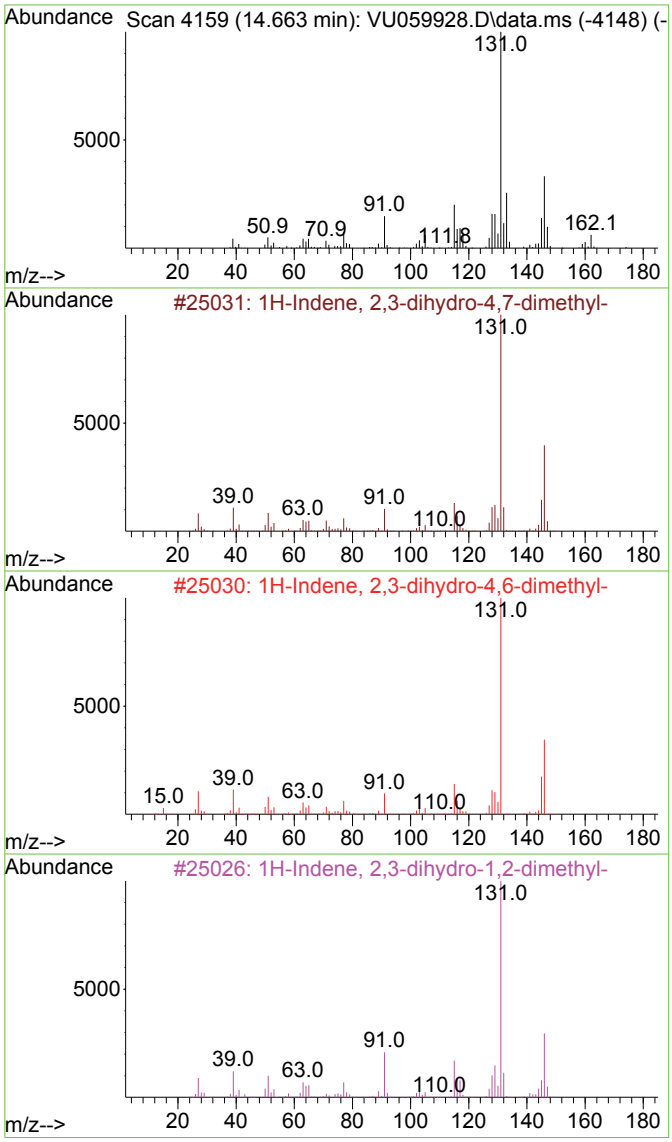
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

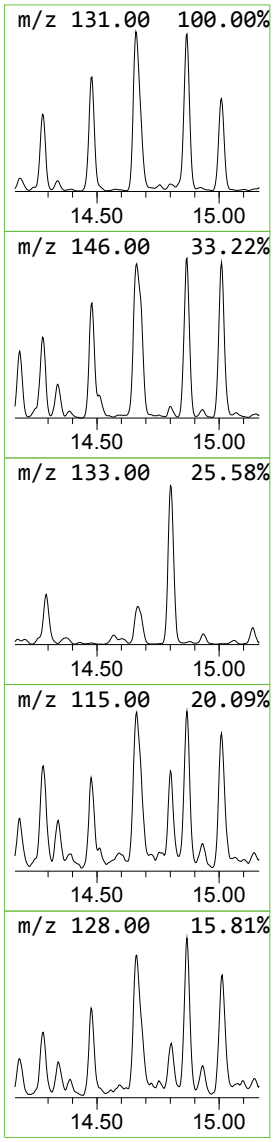
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	9.49 ug/L	1208610	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	92
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	92
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

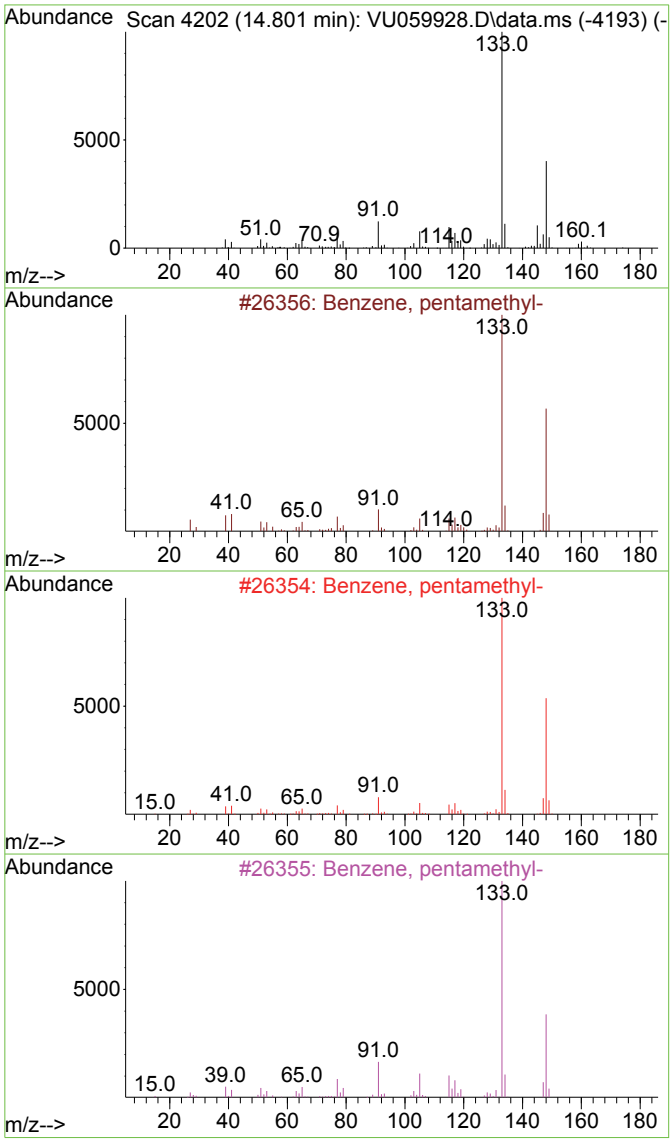
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

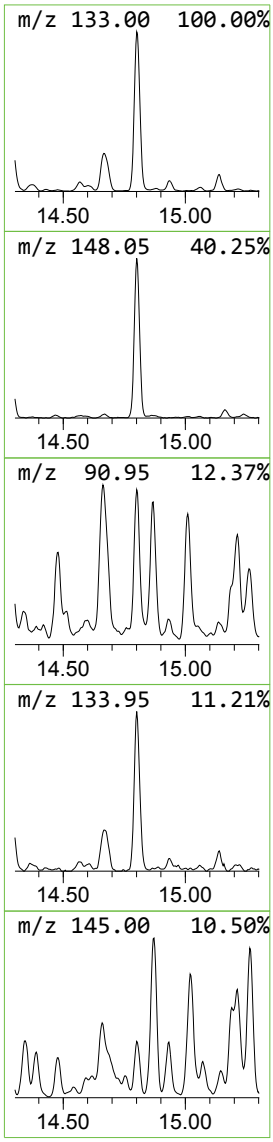
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, pentamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	5.22 ug/L	665435	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	83





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

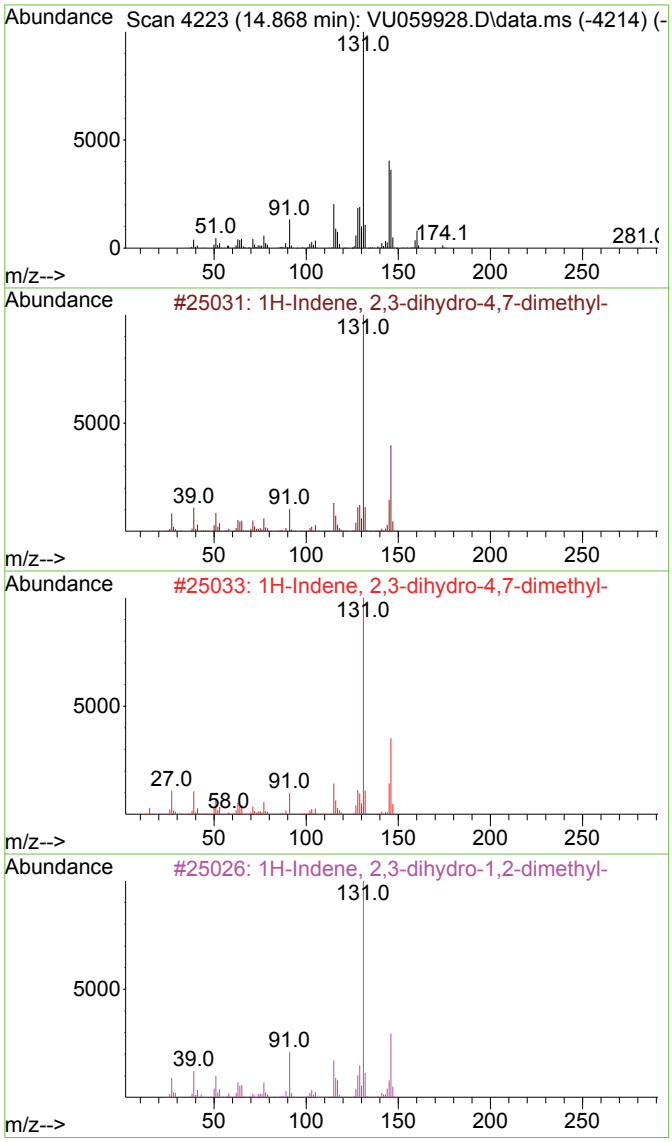
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

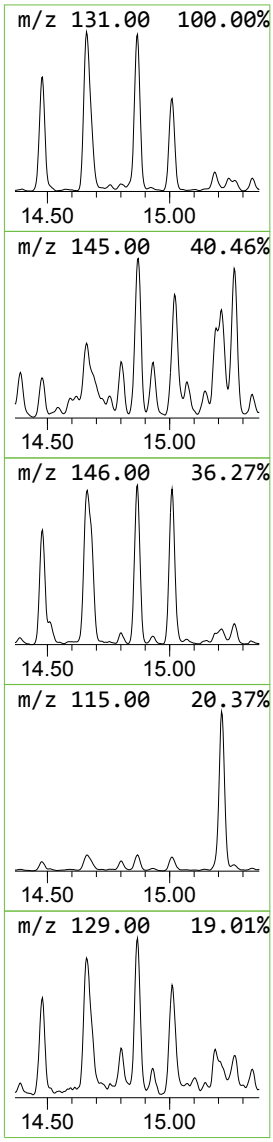
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	6.42 ug/L	817758	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	81
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	74
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

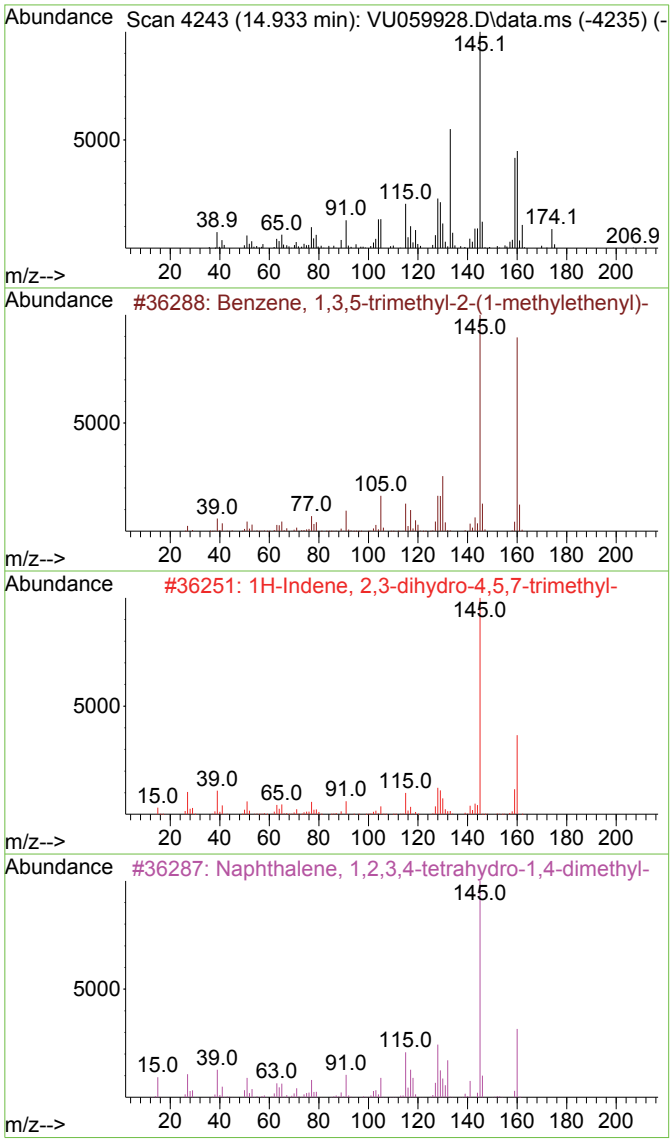
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

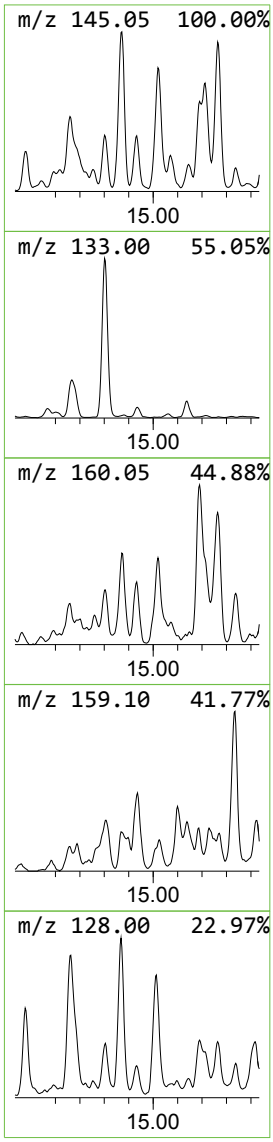
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	1.25 ug/L	158617	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
2	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

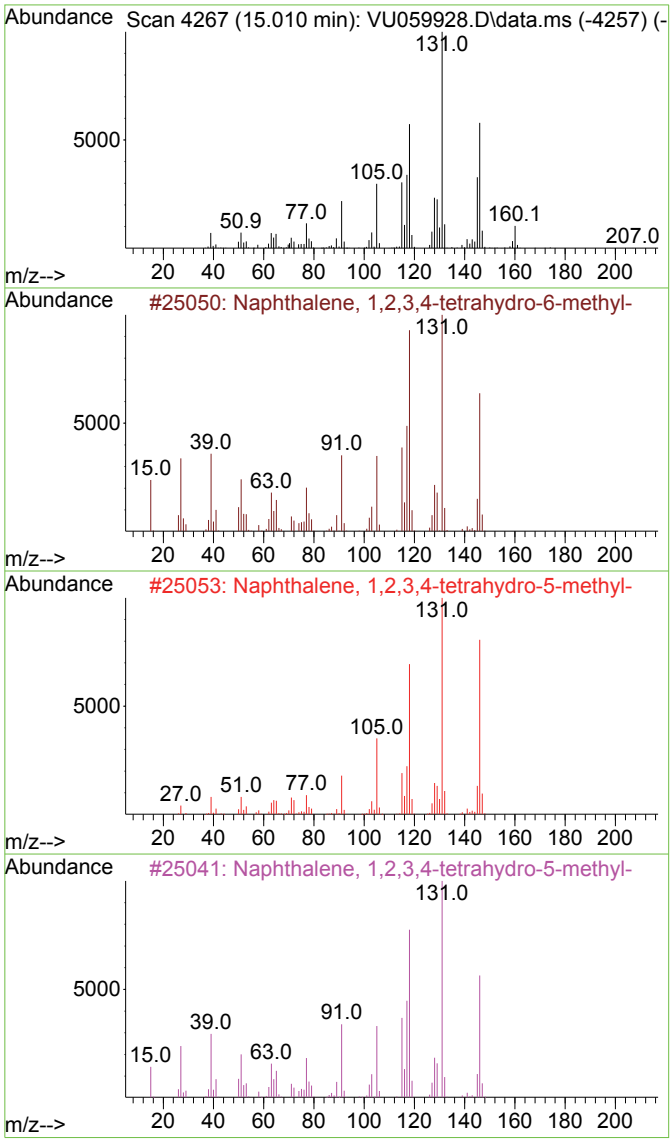
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

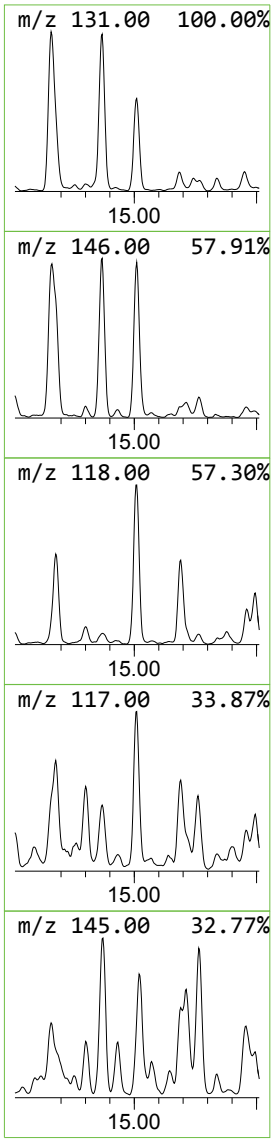
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	6.52 ug/L	830193	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

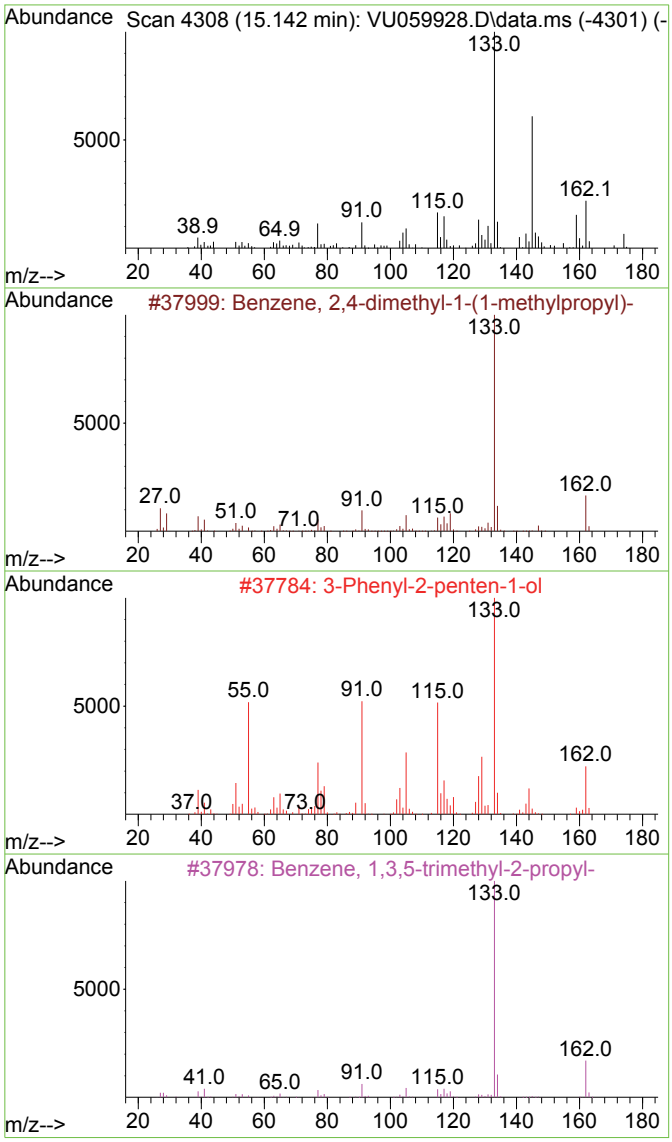
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

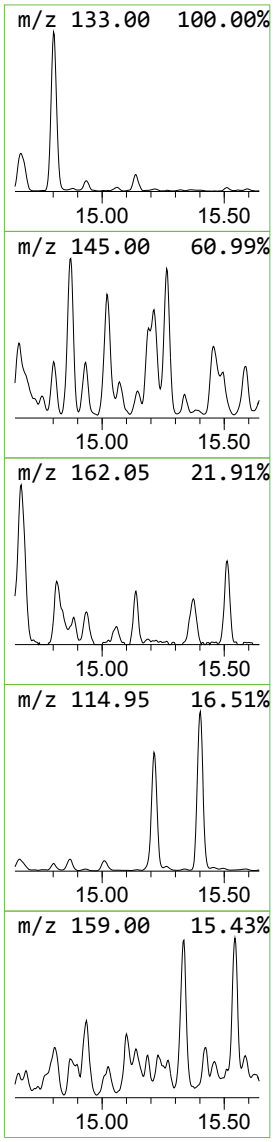
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.142	0.59 ug/L	75593	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	53
2	3-Phenyl-2-penten-1-ol	162	C11H14O	105330-11-8	52
3	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	49
4	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	46
5	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

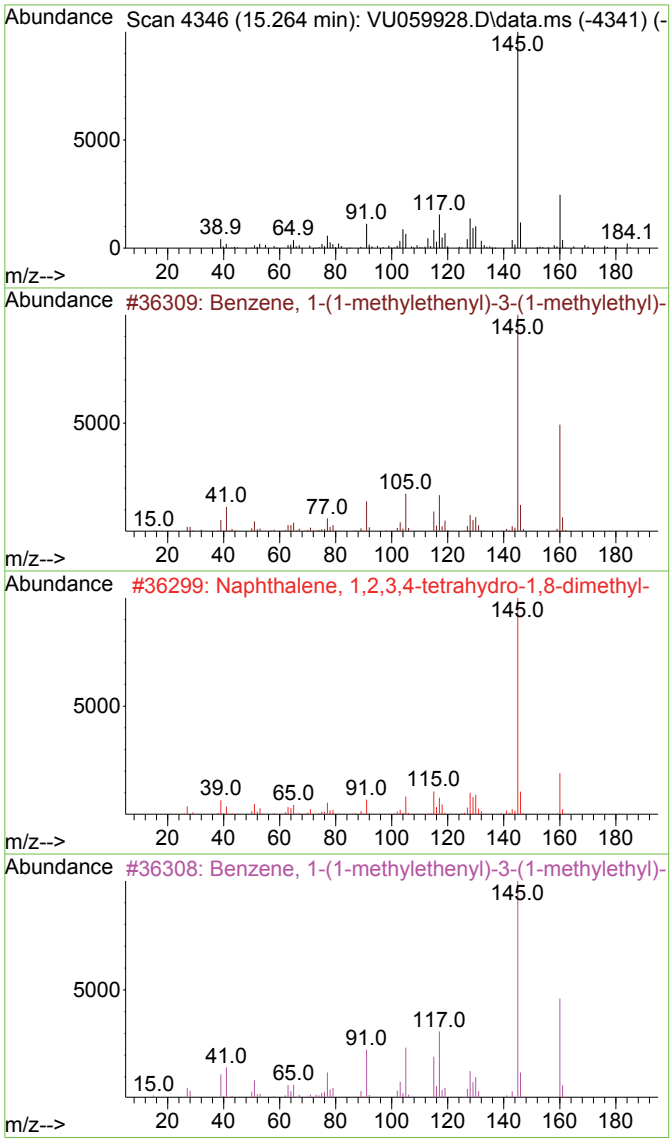
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

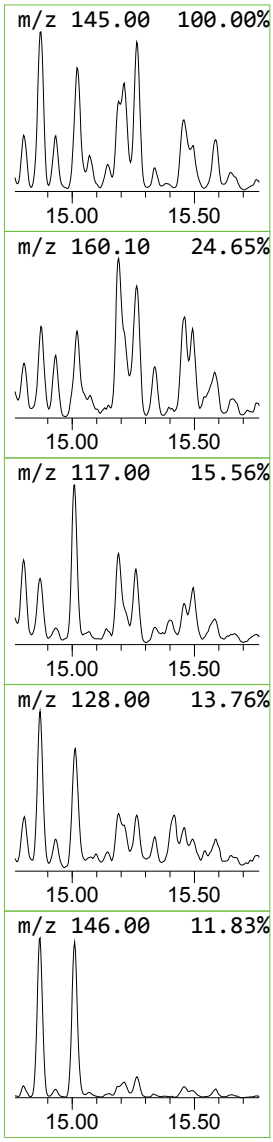
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1-(1-methylethenyl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.264	2.48 ug/L	315528	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91
4	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	91
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

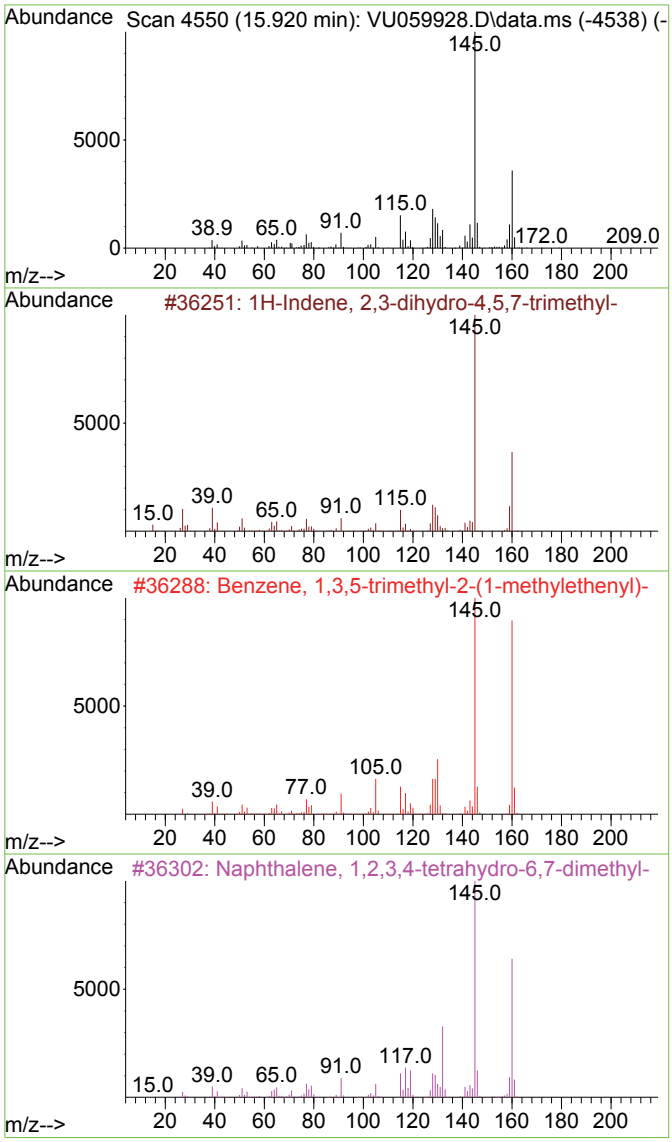
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

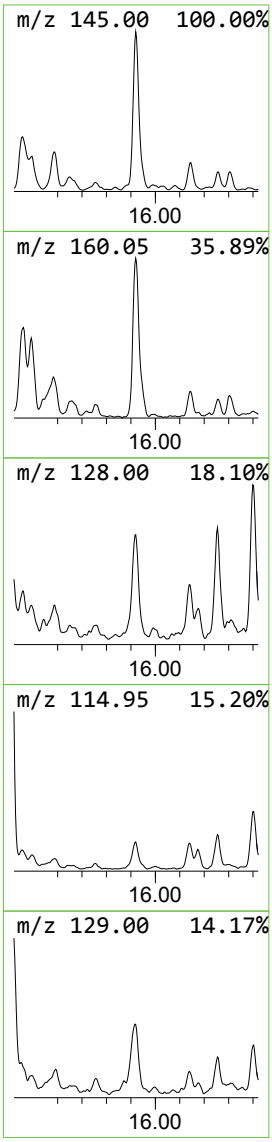
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	3.56 ug/L	452883	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	93
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

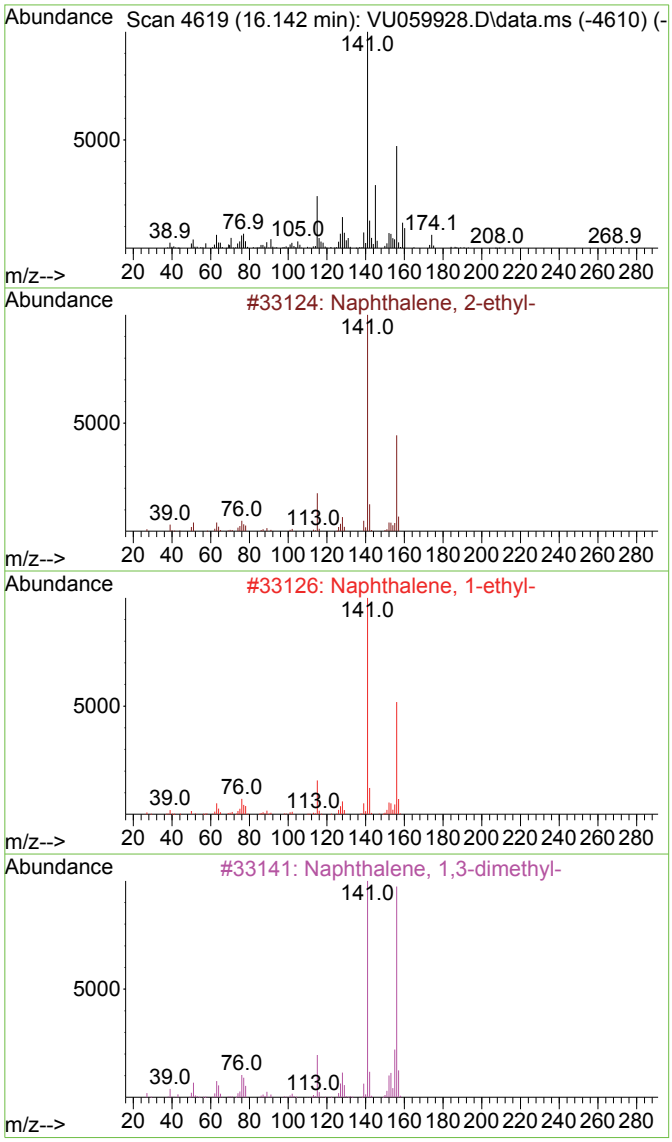
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

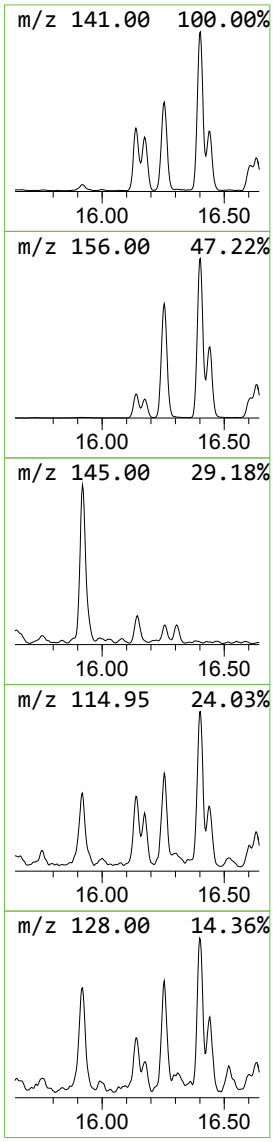
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Naphthalene, 1-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.142	1.95 ug/L	248222	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	89
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	76





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Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

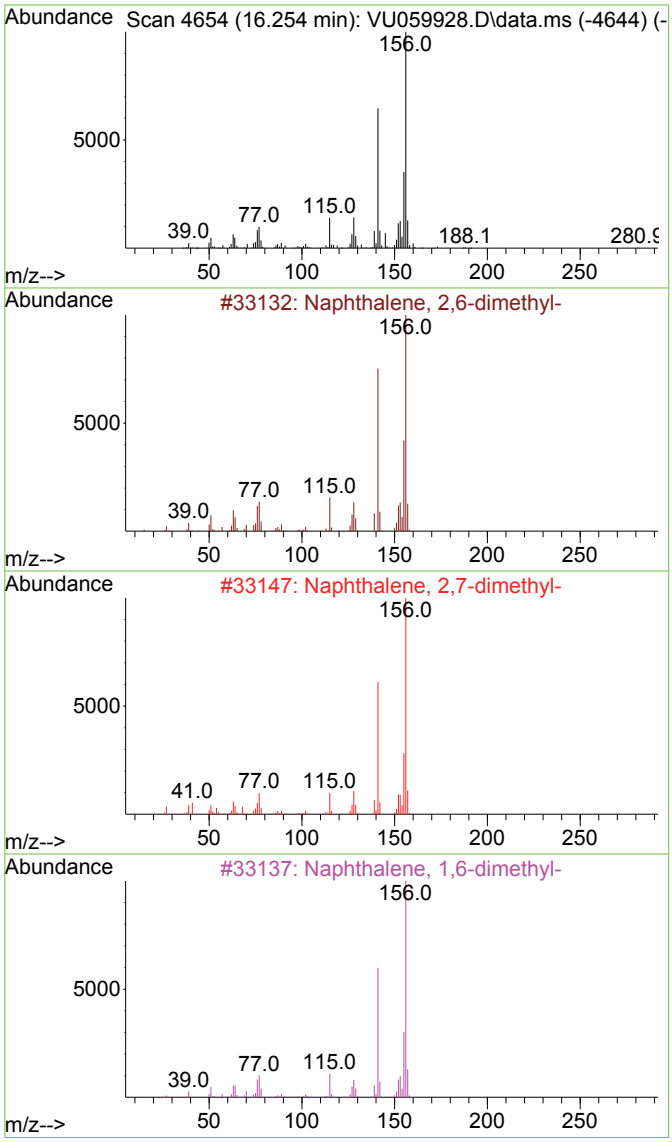
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

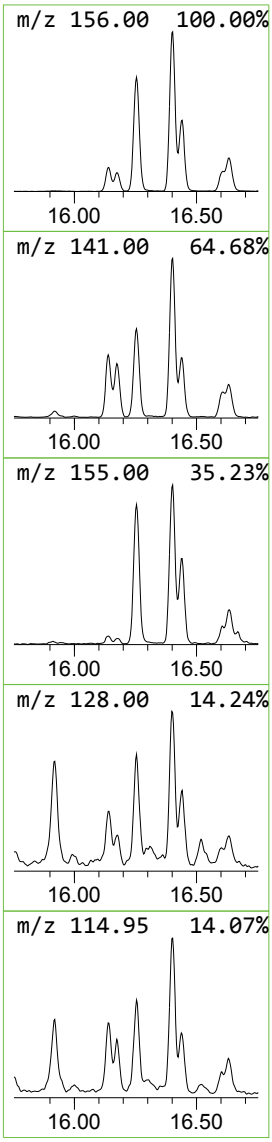
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.254	4.51 ug/L	575067	1,4-Dichlorobenzene-d4	11.807

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

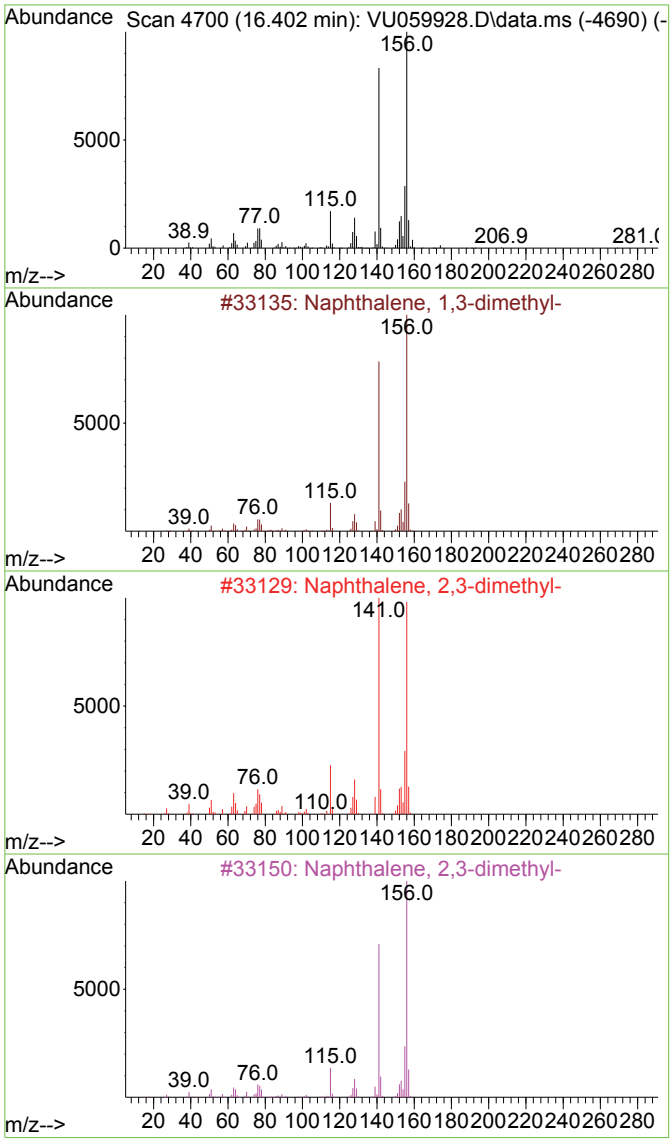
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

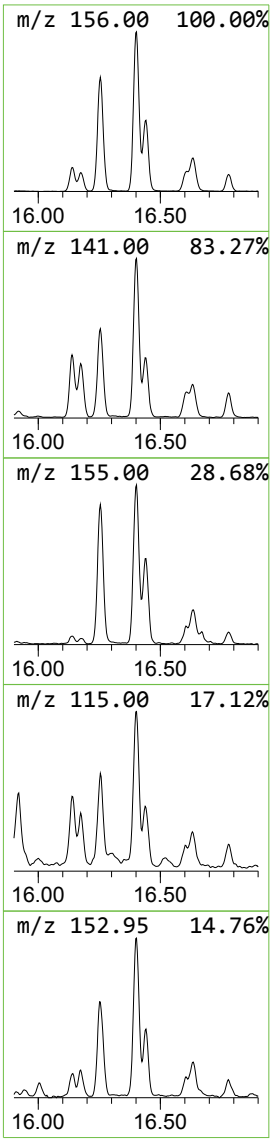
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	6.53 ug/L	832159	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

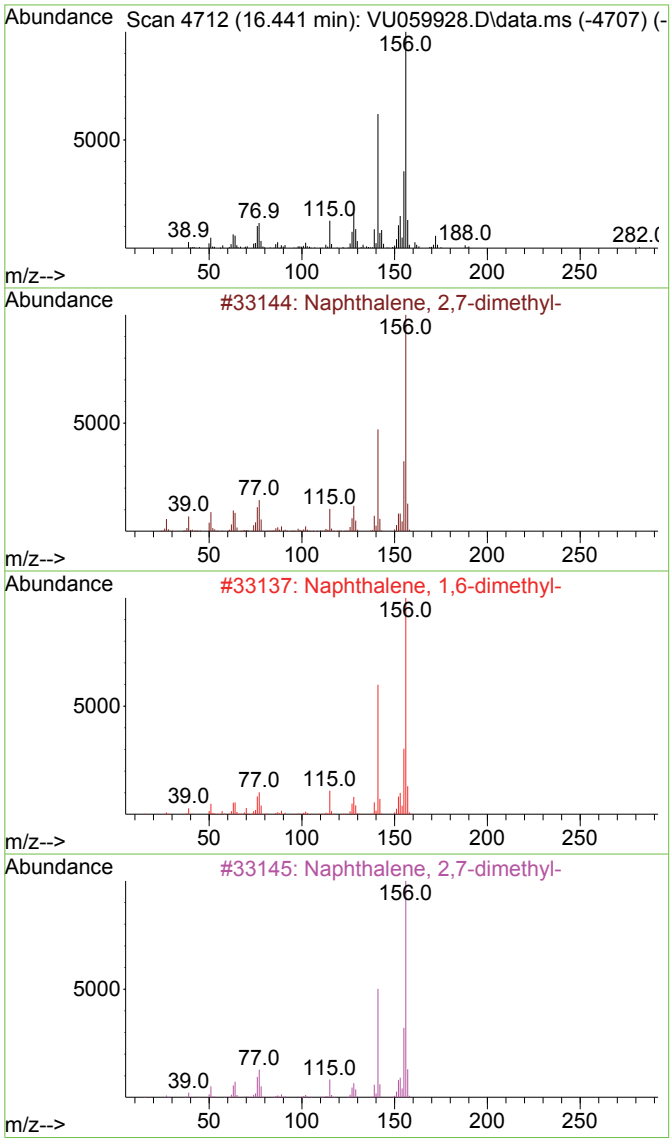
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

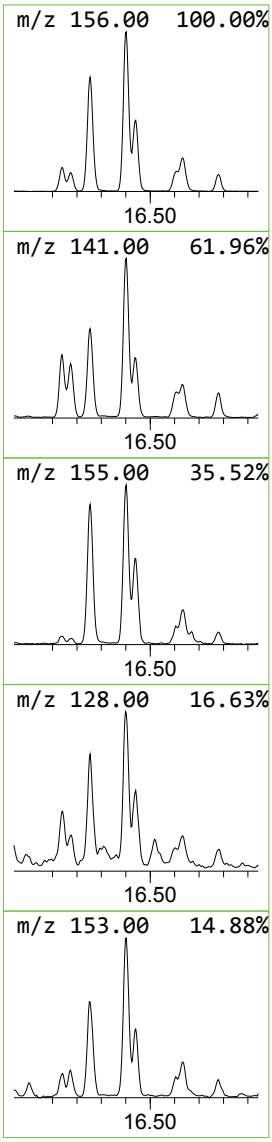
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.441	2.91 ug/L	370557	1,4-Dichlorobenzene-d4	11.807

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059928.D
Acq On : 12 Jul 2024 17:46
Operator : MD/SY
Sample : P3217-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ9

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...	1.358	1.2	ug/L	110990	1	6.242	446523	5.0
Diethyl sulfide	6.560	6.3	ug/L	558279	1	6.242	446523	5.0
Benzene, propyl-	10.901	4.0	ug/L	512270	3	11.807	636950	5.0
Benzene, 1-ethy...	10.991	5.3	ug/L	672645	3	11.807	636950	5.0
Benzene, 1-ethy...	11.283	9.4	ug/L	1195250	3	11.807	636950	5.0
7-Oxabicyclo[2....	11.631	2.1	ug/L	271727	3	11.807	636950	5.0
Fenchone	12.942	2.9	ug/L	363325	3	11.807	636950	5.0
Benzene, 2-bute...	13.444	3.7	ug/L	466209	3	11.807	636950	5.0
Naphthalene, 1,...	13.618	1.2	ug/L	154584	3	11.807	636950	5.0
Camphor	13.727	1.8	ug/L	223525	3	11.807	636950	5.0
Benzene, 1-ethy...	13.827	4.7	ug/L	595816	3	11.807	636950	5.0
1H-Indene, 2,3-...	13.904	1.4	ug/L	183291	3	11.807	636950	5.0
Benzene, 1-meth...	13.936	3.2	ug/L	410076	3	11.807	636950	5.0
Azulene	14.077	6.9	ug/L	884285	3	11.807	636950	5.0
Naphthalene, 1,...	14.184	2.5	ug/L	321960	3	11.807	636950	5.0
Benzene, (3-met...	14.280	5.7	ug/L	724026	3	11.807	636950	5.0
1H-Indene, 2,3-...	14.341	1.5	ug/L	185022	3	11.807	636950	5.0
Benzene, (1,3-d...	14.389	1.0	ug/L	127139	3	11.807	636950	5.0
1H-Indene, 2,3-...	14.476	4.9	ug/L	620443	3	11.807	636950	5.0
1H-Indene, 2,3-...	14.663	9.5	ug/L	1208610	3	11.807	636950	5.0
Benzene, pentam...	14.801	5.2	ug/L	665435	3	11.807	636950	5.0
1H-Indene, 2,3-...	14.868	6.4	ug/L	817758	3	11.807	636950	5.0
Benzene, 1,3,5-...	14.933	1.3	ug/L	158617	3	11.807	636950	5.0
Naphthalene, 1,...	15.010	6.5	ug/L	830193	3	11.807	636950	5.0
Benzene, 2,4-di...	15.142	0.6	ug/L	75593	3	11.807	636950	5.0
Benzene, 1-(1-m...	15.264	2.5	ug/L	315528	3	11.807	636950	5.0
1H-Indene, 2,3-...	15.920	3.6	ug/L	452883	3	11.807	636950	5.0
Naphthalene, 1-...	16.142	2.0	ug/L	248222	3	11.807	636950	5.0
Naphthalene, 1,...	16.254	4.5	ug/L	575067	3	11.807	636950	5.0
Naphthalene, 1,...	16.402	6.5	ug/L	832159	3	11.807	636950	5.0
Naphthalene, 1,...	16.441	2.9	ug/L	370557	3	11.807	636950	5.0