LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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: VU059977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.354	14	20	49	rVB3	82436	118545	2.25%	0.353%
2	1.592	82	94	106	rBV4	186059	328818	6.24%	0.979%
3	1.904	181	191	208	rBV2	51621	92213	1.75%	0.274%
4	2.554	382	393	407	rBV	116030	198192	3.76%	0.590%
5	4.657	1033	1047	1068	rBV2	92731	279728	5.31%	0.833%
6	5.055	1154	1171	1196	rBV	102075	235863	4.48%	0.702%
7	5.718	1357	1377	1385	rBV2	222994	526613	10.00%	1.567%
8	5.766	1385	1392	1408	rVB	184067	368757	7.00%	1.097%
9	6.245	1528	1541	1563	rBV	218257	414408	7.87%	1.233%
10	6.563	1627	1640	1658	rBV	149241	282109	5.35%	0.840%
11	6.689	1667	1679	1690	rBV	127057	253748	4.82%	0.755%
12	6.753	1691	1699	1712	rVB3	69898	136678	2.59%	0.407%
13	7.566	1939	1952	1971	rBV2	61460	113054	2.15%	0.336%
14	7.894	2040	2054	2066	rBV	244320	419781	7.97%	1.249%
15	7.965	2066	2076	2093	rVB	273883	469788	8.92%	1.398%
16	8.181	2132	2143	2156	rBV	37831	65771	1.25%	0.196%
17	8.637	2272	2285	2313	rBV	301027	608575	11.55%	1.811%
18	9.415	2515	2527	2549	rBV2	318038	664996	12.62%	1.979%
19	9.692	2596	2613	2627	rBV	113576	203173	3.86%	0.605%
20	10.097	2729	2739	2766	rVB	183704	310727	5.90%	0.925%
21	10.483	2848	2859	2870	rBV2	70512	111319	2.11%	0.331%
22	10.705	2916	2928	2934	rBV5	49290	86674	1.65%	0.258%
23	10.753	2934	2943	2954	rVB2	155312	261158	4.96%	0.777%
24	10.904	2971	2990	3007	rBV2	217169	391991	7.44%	1.167%
25	10.997	3007	3019	3023	rBV	281822	440661	8.36%	1.311%
26	11.087	3037	3047	3064	rVB	184957	302629	5.74%	0.901%
27	11.290	3099	3110	3130	rVB	530036	836375	15.87%	2.489%
28	11.467	3153	3165	3191	rVB	556992	871303	16.54%	2.593%
29	11.637	3199	3218	3228	rBV5	105007	241050	4.58%	0.717%
30	11.746	3244	3252	3259	rVB2	43380	63054	1.20%	0.188%
31	11.814	3259	3273	3275	rBV2	390634	599296	11.37%	1.784%
32	11.894	3290	3298	3316	rVB	101993	183008	3.47%	0.545%
33	12.094	3343	3360	3379	rBV3	136077	296926	5.64%	0.884%
34	12.209	3379	3396	3416	rVB2	1654630	3019617	57.31%	8.987%
35	12.377	3441	3448	3463	rVB	41633	67870	1.29%	0.202%
36	12.473	3463	3478	3500	rBV5	36958	132997	2.52%	0.396%

LSC Area Percent Report

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Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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	12.569	3500	3508	3516	rBV	46933	69413	1.32%	0.207%
38	12.682	3534	3543	3561	rBV2	62665	129315	2.45%	0.385%
39	12.865	3593	3600	3615	rVB5	29435	68742	1.30%	0.205%
40	12.949	3615	3626	3642	rBV2	126263	309303	5.87%	0.921%
41	13.026	3642	3650	3662	rVB2	54725	91052	1.73%	0.271%
42	13.405	3759	3768	3774	rBV5	54548	95719	1.82%	0.285%
43	13.450	3774	3782	3794	rVV3	187180	332194	6.31%	0.989%
44	13.624	3827	3836	3846	rBV2	77892	136557	2.59%	0.406%
45	13.733	3861	3870	3879	rBV4	111776	183074	3.47%	0.545%
46	13.785	3879	3886	3892	rVB	48354	62352	1.18%	0.186%
47	13.833	3892	3901	3913	rBV5	131737	292602	5.55%	0.871%
48	13.946	3930	3936	3953	rVB6	131851	303199	5.75%	0.902%
49	14.087	3965	3980	4001	rVB	426707	853175	16.19%	2.539%
50	14.190	4003	4012	4025	rVB2	122885	210967	4.00%	0.628%
51	14.286	4027	4042	4054	rBV3	236039	467575	8.87%	1.392%
52	14.348	4054	4061	4070	rVB4	60788	94907	1.80%	0.282%
53	14.486	4093	4104	4121	rBV	159501	336892	6.39%	1.003%
54	14.669	4150	4161	4179	rBV5	284036	699247	13.27%	2.081%
55	14.807	4195	4204	4215	rBV	271046	407457	7.73%	1.213%
56	14.875	4216	4225	4236	rVB2	290294	473853	8.99%	1.410%
57	14.939	4238	4245	4258	rVB3	55506	91723	1.74%	0.273%
58	15.016	4259	4269	4283	rBV3	285035	513842	9.75%	1.529%
59	15.148	4304	4310	4317	rBV4	33891	56386	1.07%	0.168%
60	15.219	4318	4332	4343	rVV	2660498	4281802	81.27%	12.743%
61	15.270	4344	4348	4362	rVB3	118333	172504	3.27%	0.513%
62	15.409	4379	4391	4403	rBV	3385173	5268580	100.00%	15.680%
63	15.926	4542	4552	4567	rBV4	118194	222156	4.22%	0.661%
64	16.148	4612	4621	4627	rBV2	158369	252893	4.80%	0.753%
65	16.180	4627	4631	4642	rVB	115660	161509	3.07%	0.481%
66	16.261	4646	4656	4667	rBV	497880	803356	15.25%	2.391%
67	16.409	4692	4702	4709	rBV	637120	999357	18.97%	2.974%
68	16.447	4709	4714	4728	rVB	308124	458371	8.70%	1.364%
69	16.528	4732	4739	4752	rVB4	38250	68332	1.30%	0.203%
70	16.637	4757	4773	4799	rVB2	170787	446294	8.47%	1.328%
71	16.785	4810	4819	4842	rVB	99400	187935	3.57%	0.559%

Sum of corrected areas: 33600100

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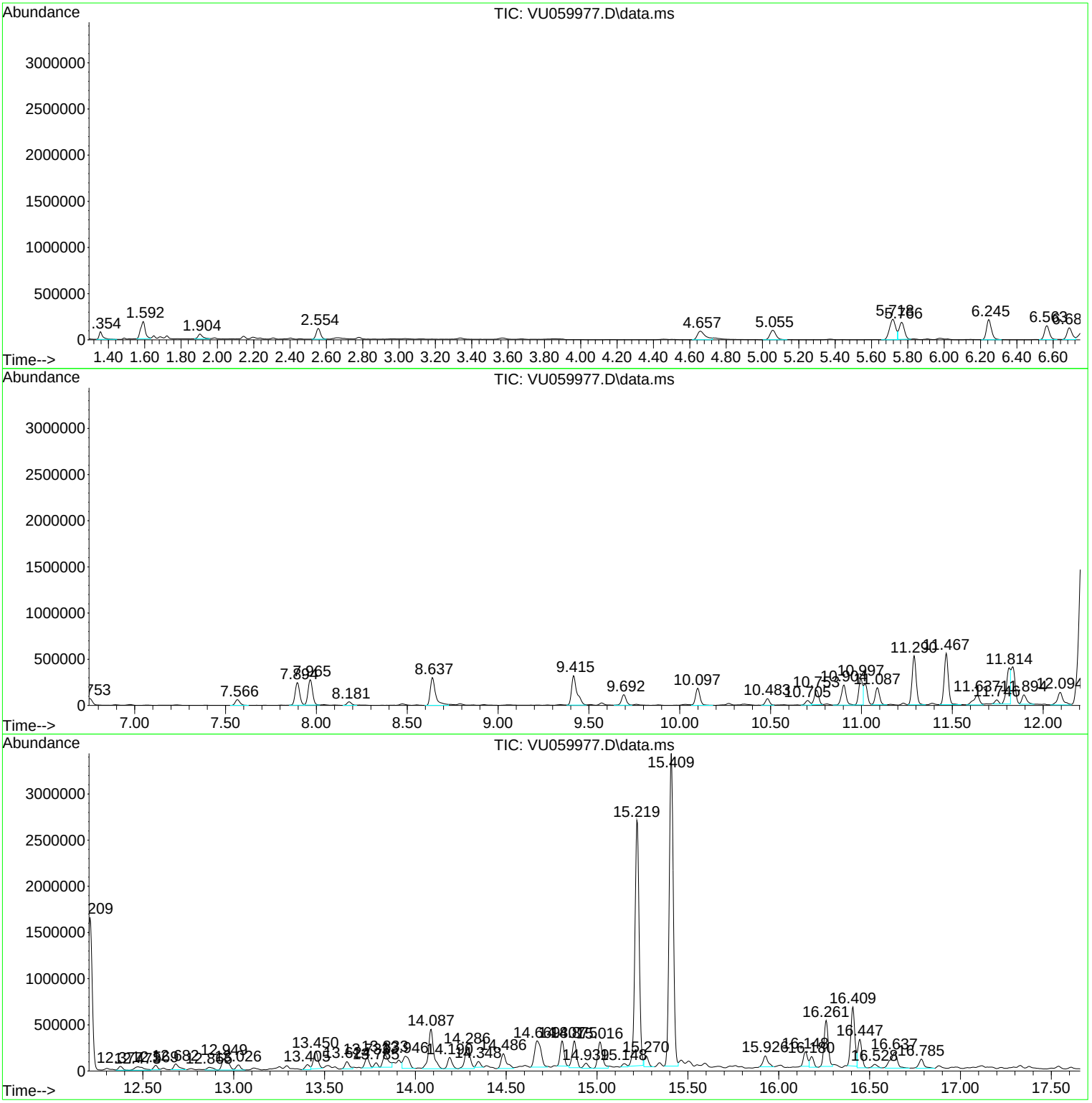
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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 : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

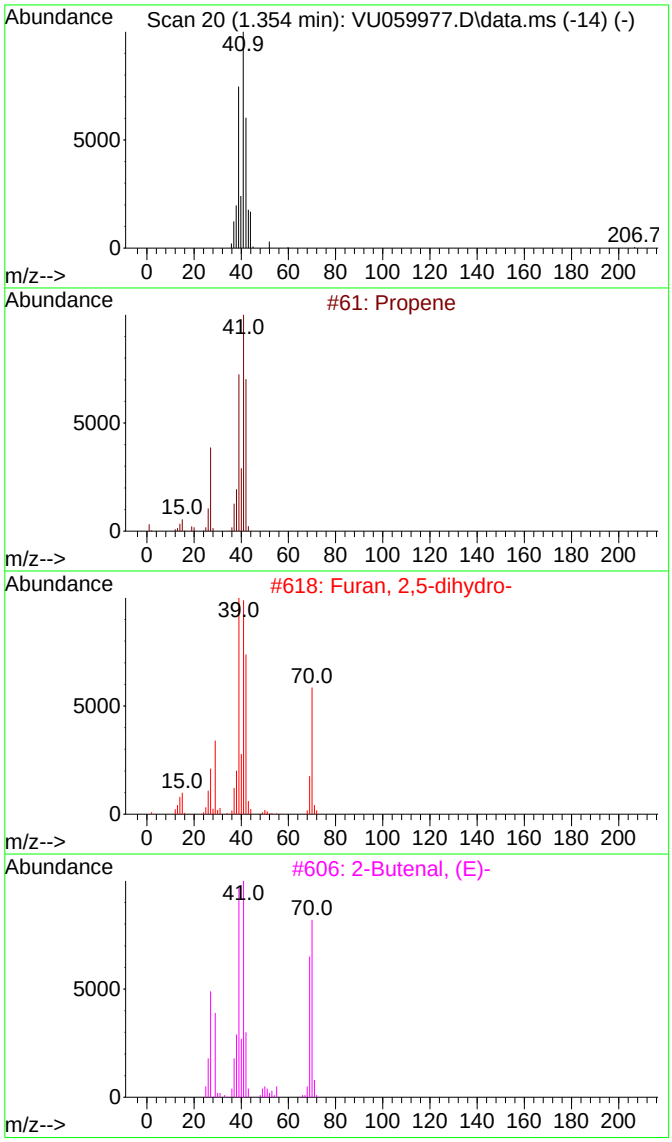
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

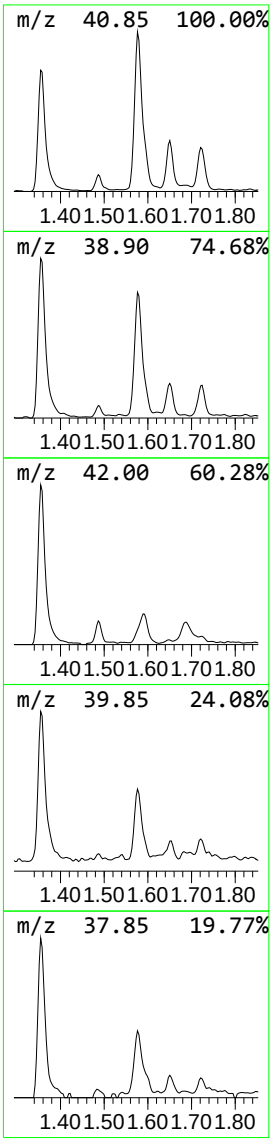
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.354	1.43 ug/L	118545	1,4-Difluorobenzene	6.245

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	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Pyrimidin-4(3H)-one, 3-amino-2,6...	139	C6H9N3O	093098-74-9	78
5	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

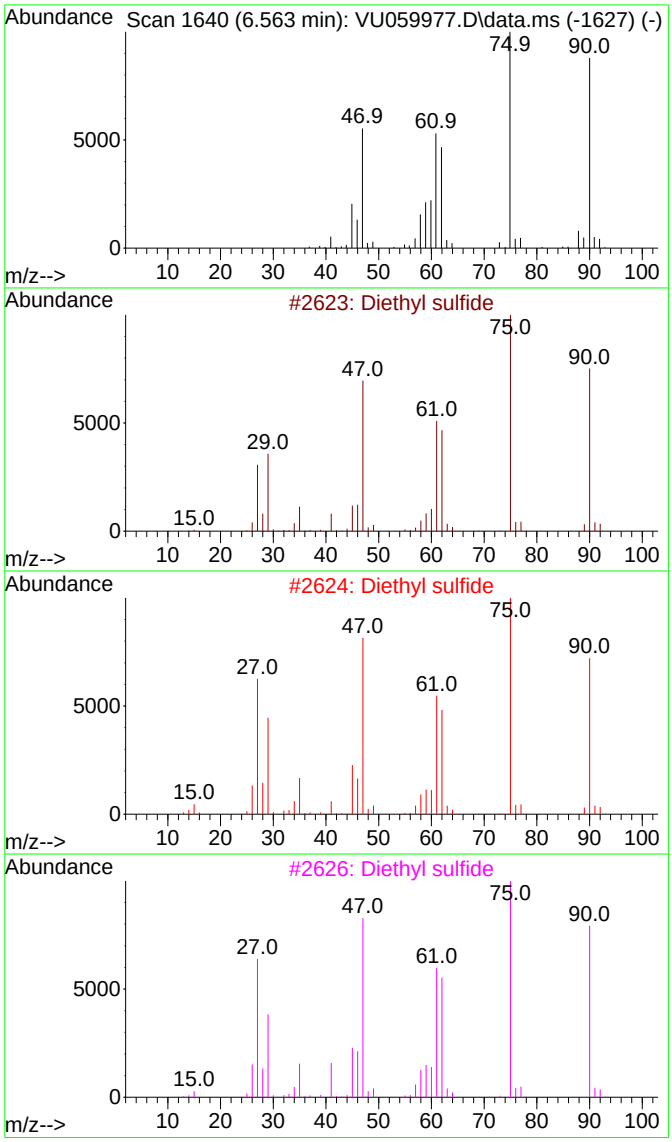
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

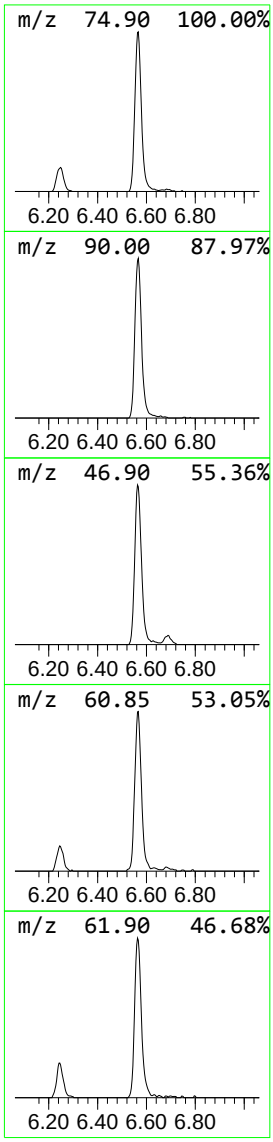
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diethyl sulfide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	3.40 ug/L	282109	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	94
2	Diethyl sulfide	90	C4H10S	000352-93-2	91
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





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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

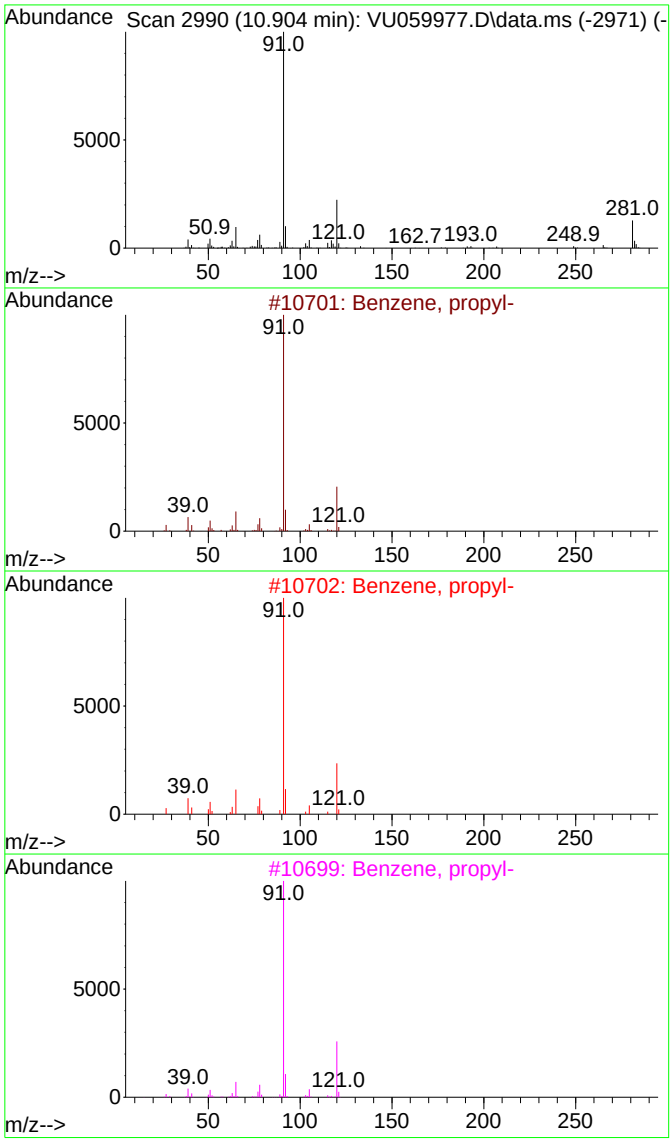
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

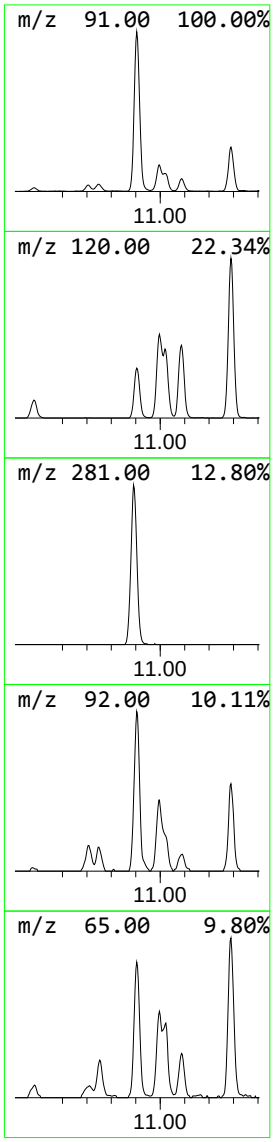
****

Peak Number 5 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	3.27 ug/L	391991	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	64
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	Benzene, propyl-	120	C9H12	000103-65-1	64
4	Benzene, propyl-	120	C9H12	000103-65-1	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	50





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

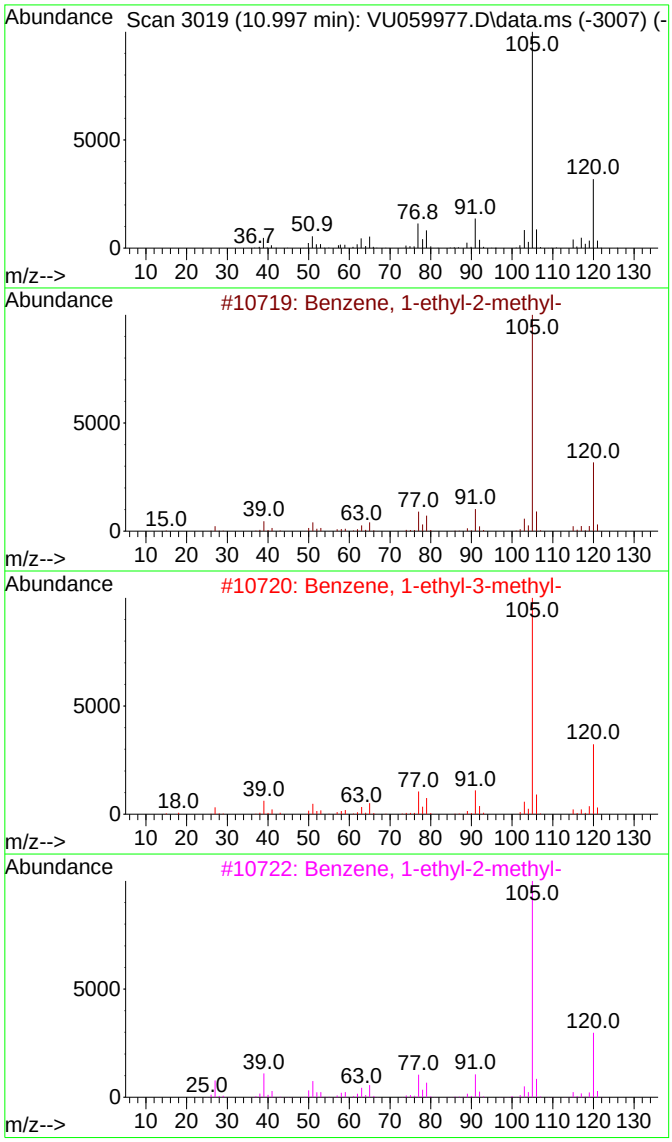
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

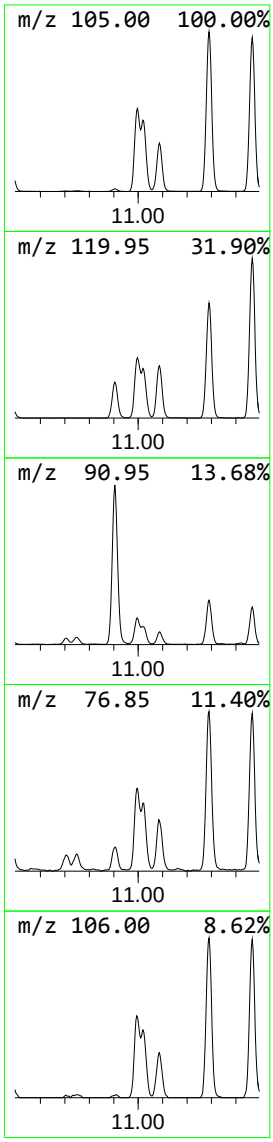
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.997	3.68 ug/L	440661	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

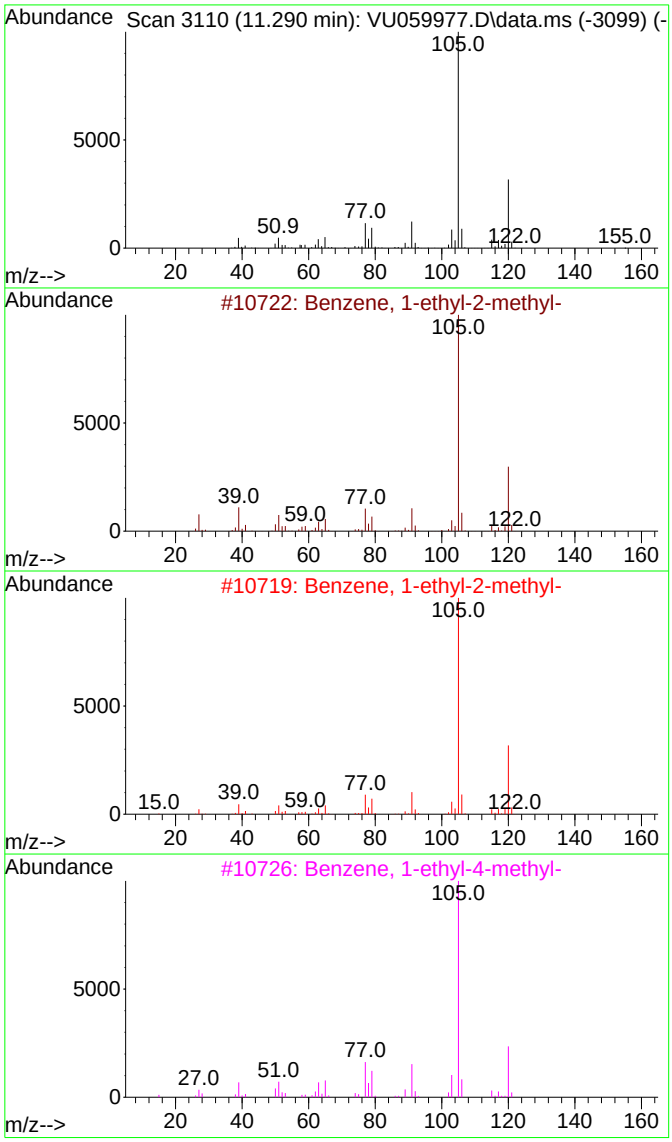
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

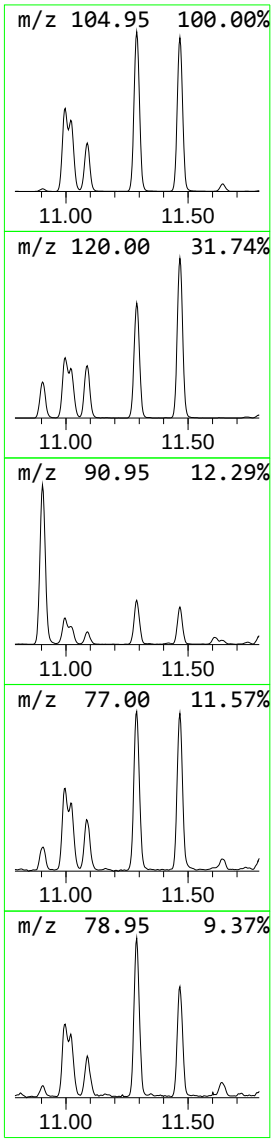
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	6.98 ug/L	836375	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

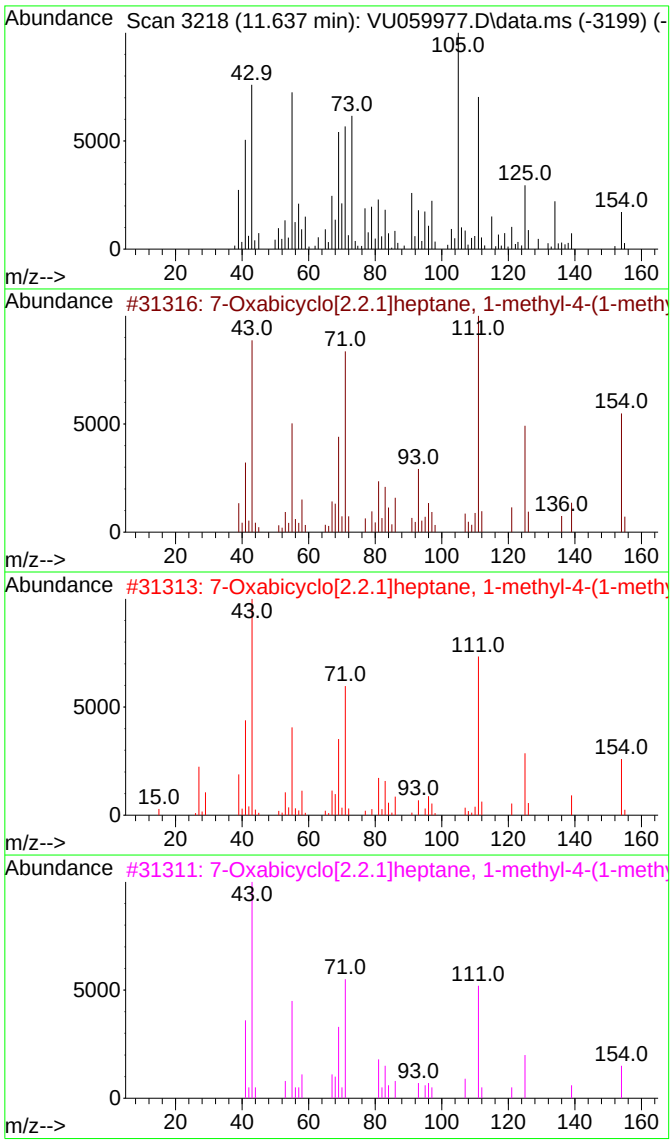
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

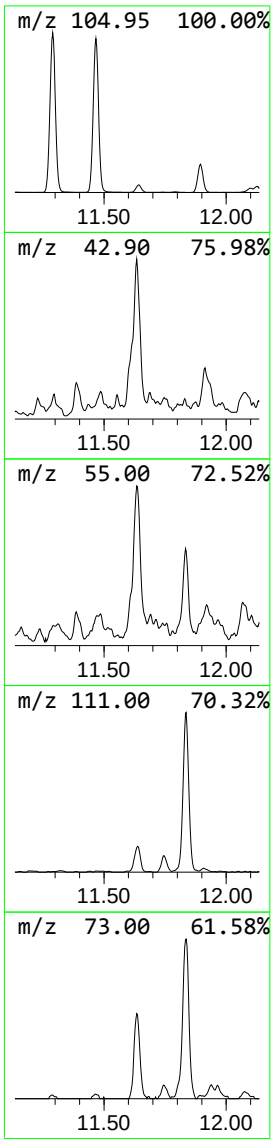
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.637	2.01 ug/L	241050	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	90
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	60
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	60
5	2-Tolyloxirane	134	C9H10O	002783-26-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
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Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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

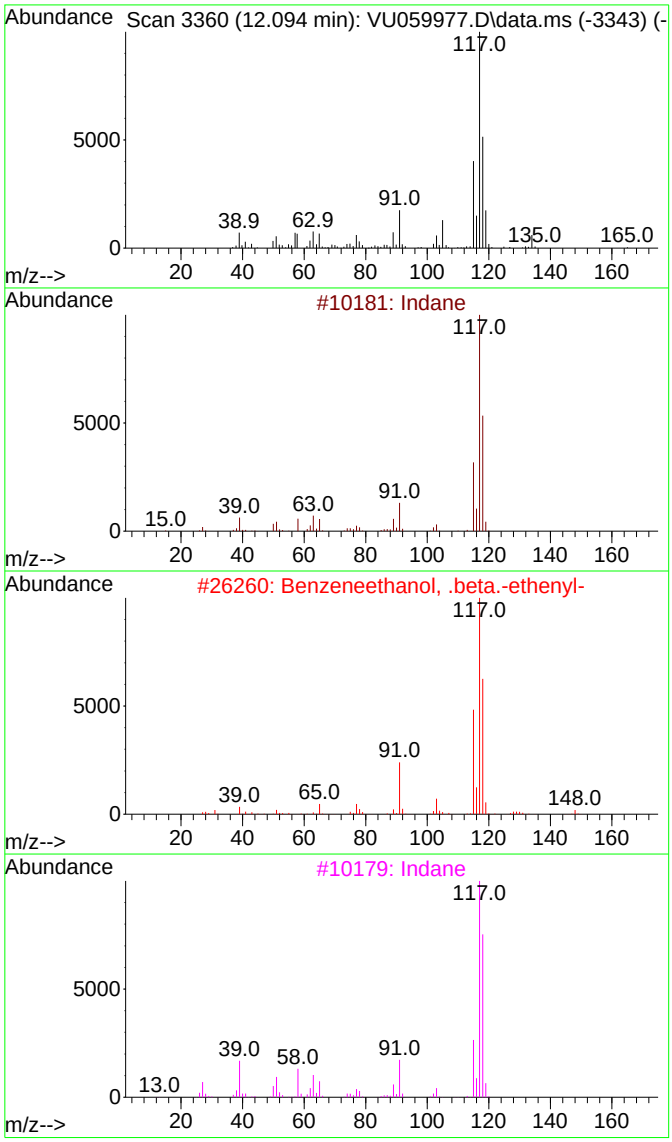
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

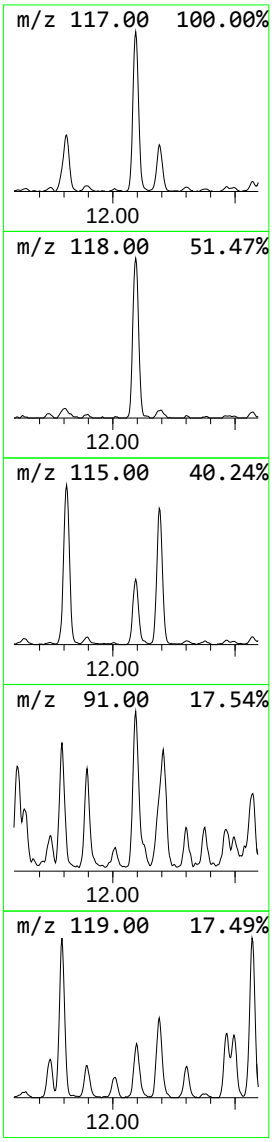
****

Peak Number 10 Indane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.094	2.48 ug/L	296926	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	86
3	Indane	118	C9H10	000496-11-7	62
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	58
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	58





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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

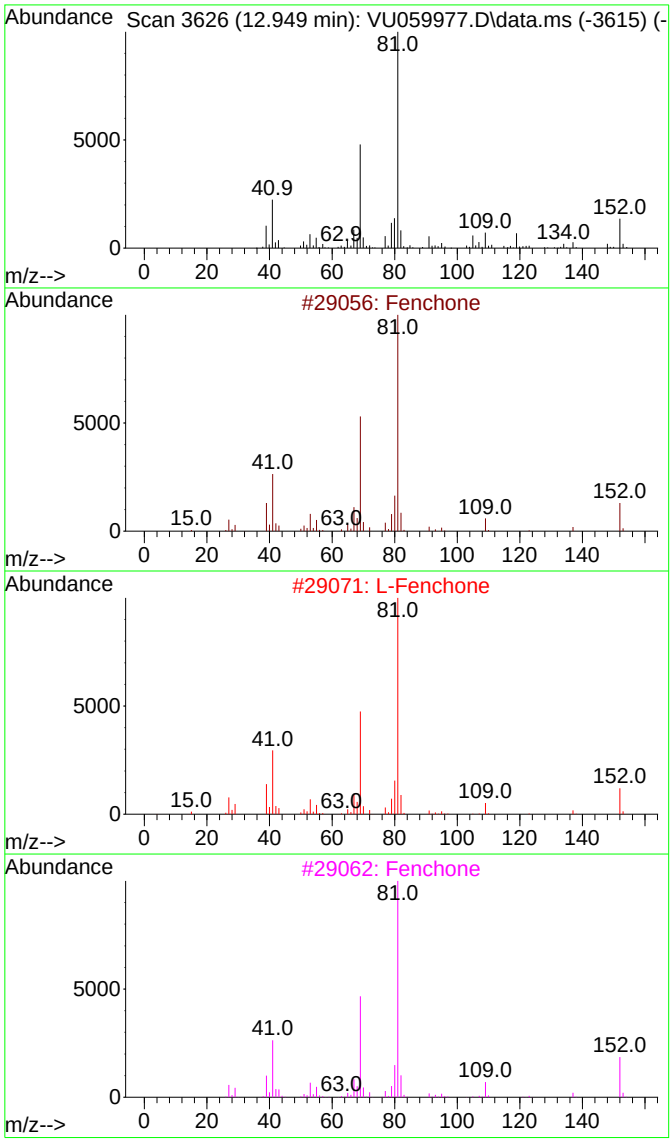
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

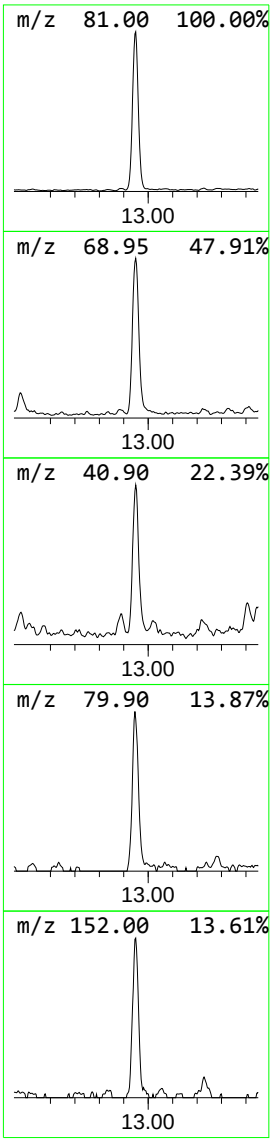
****

Peak Number 16 Fenchone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.949	2.58 ug/L	309303	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	L-Fenchone	152	C10H16O	007787-20-4	91
3	Fenchone	152	C10H16O	001195-79-5	90
4	Fenchone	152	C10H16O	001195-79-5	87
5	D-Fenchone	152	C10H16O	004695-62-9	87





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

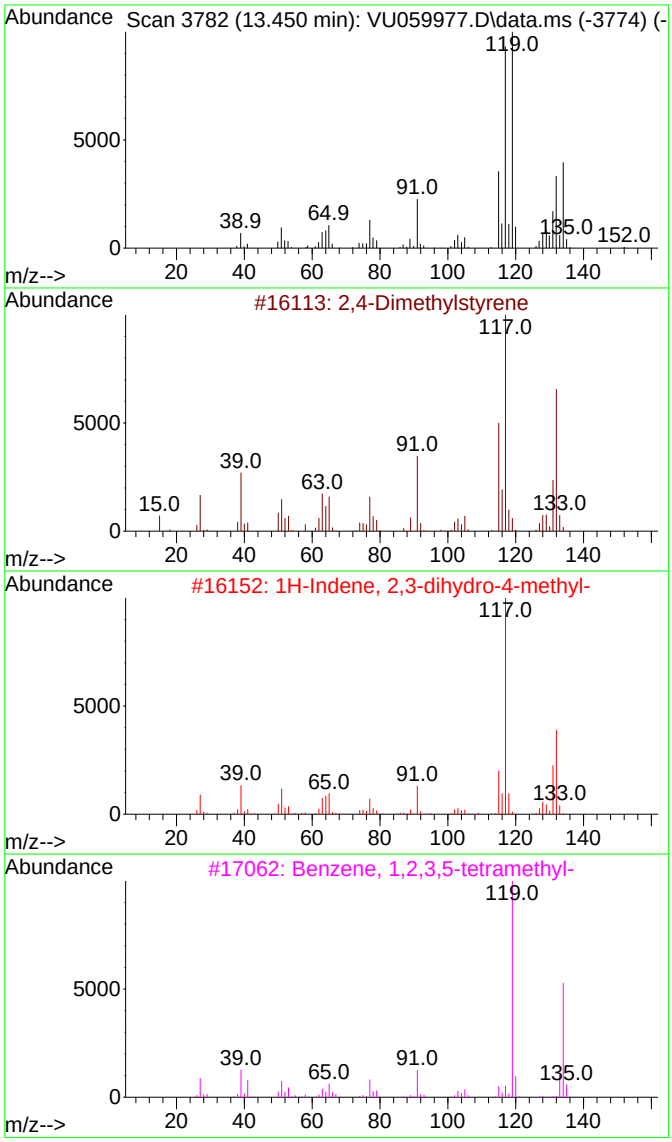
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

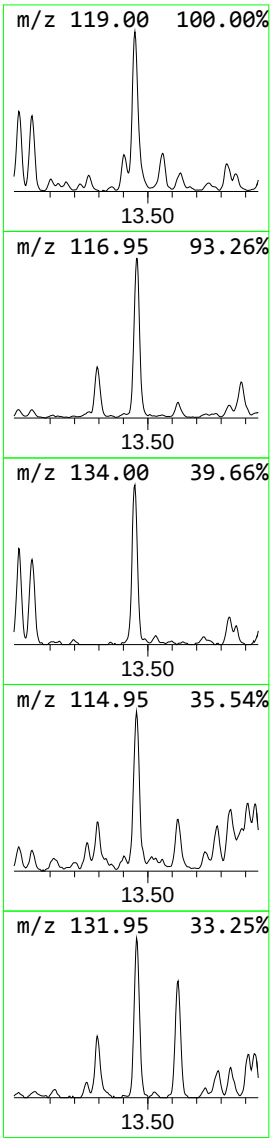
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,4-Dimethylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	2.77 ug/L	332194	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	78
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

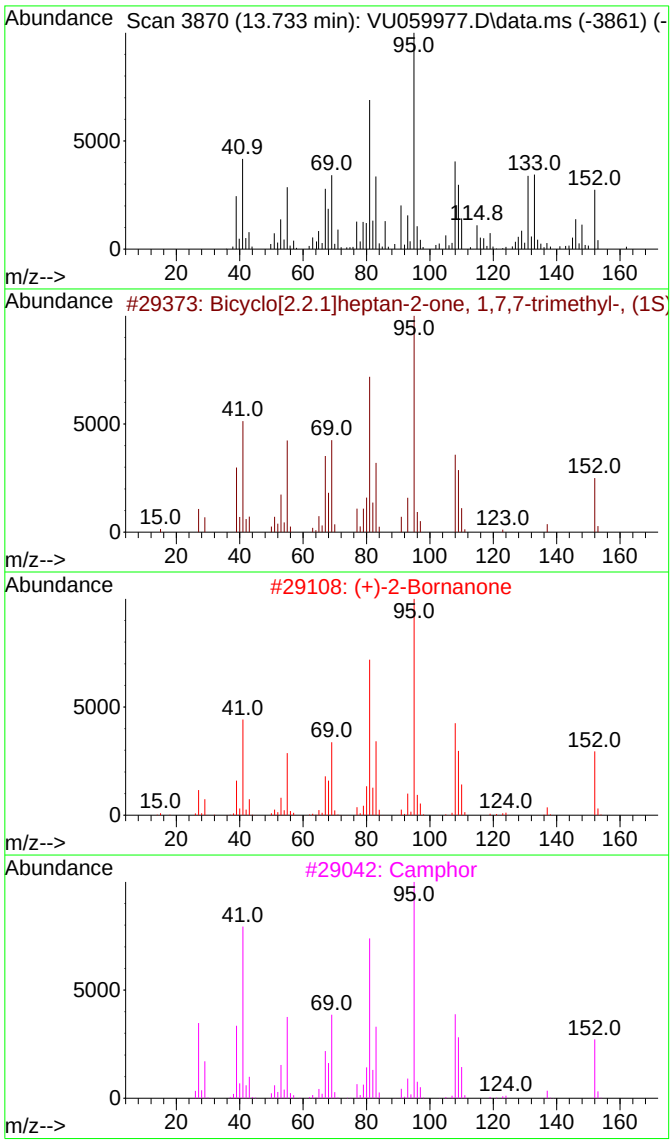
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

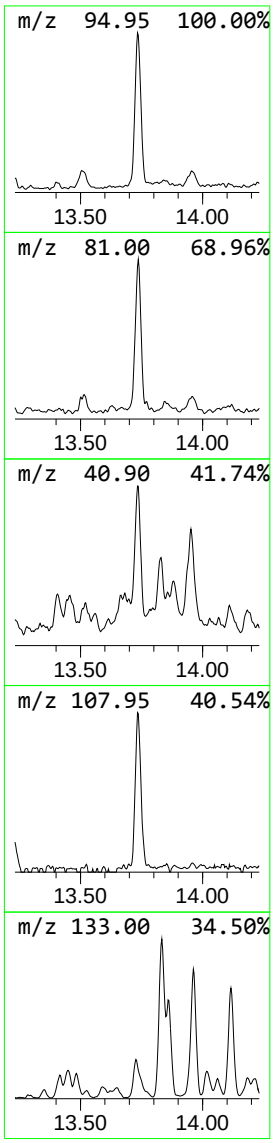
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	1.53 ug/L	183074	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	Camphor	152	C10H16O	000076-22-2	96
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

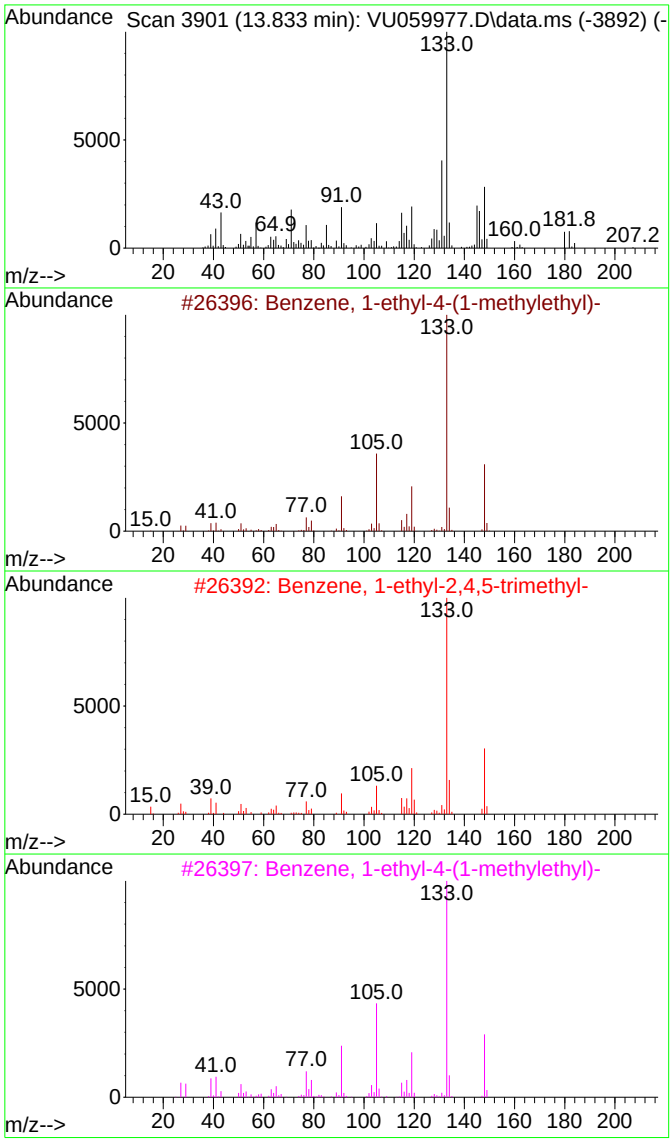
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

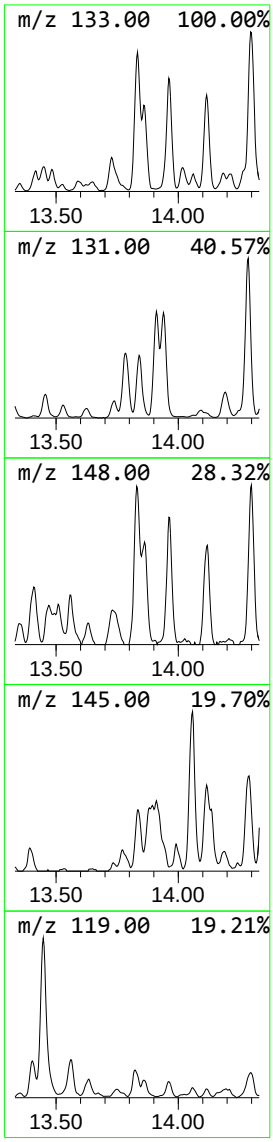
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	2.44 ug/L	292602	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

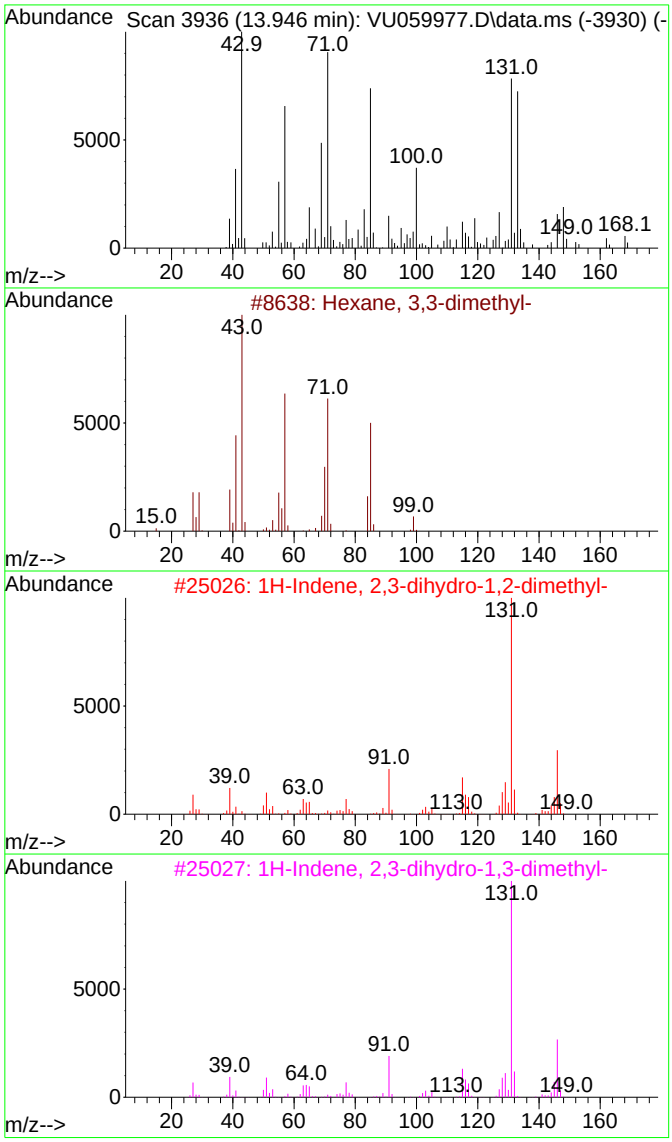
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

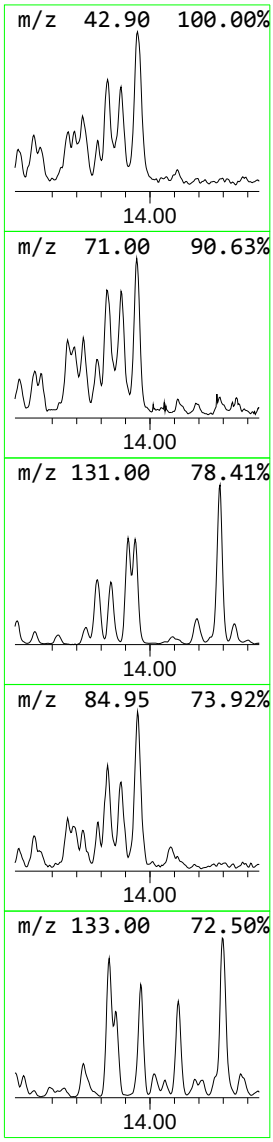
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	2.53 ug/L	303199	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	15
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	15
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	11
5	Butanoic acid, 2-ethyl-2-methyl-	130	C7H14O2	019889-37-3	11





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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

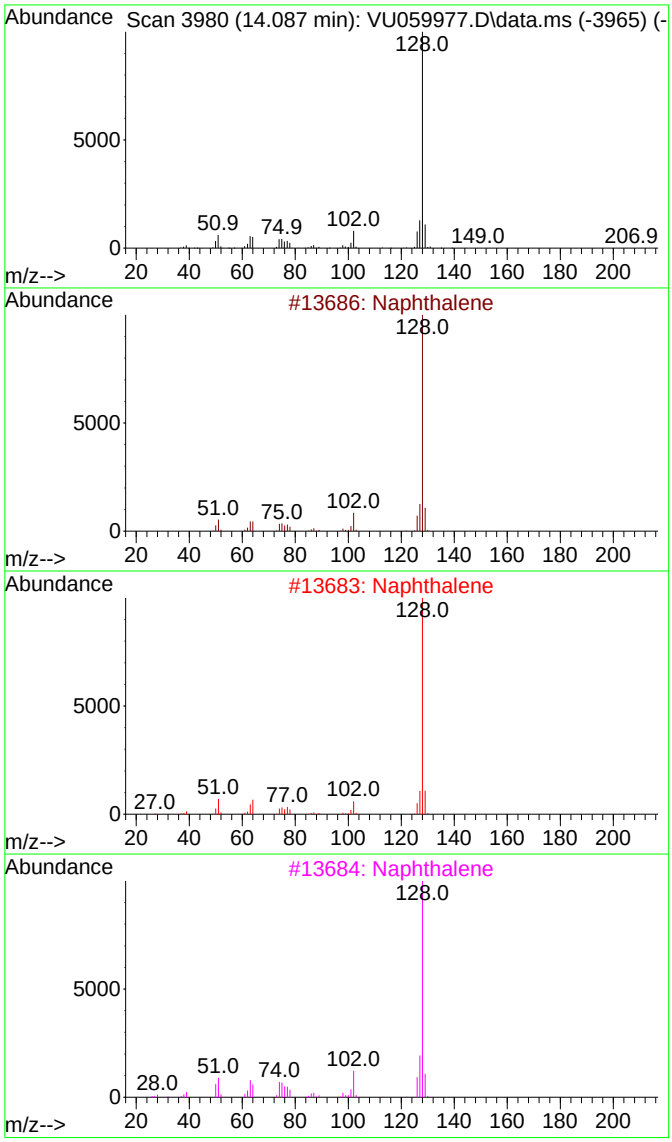
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

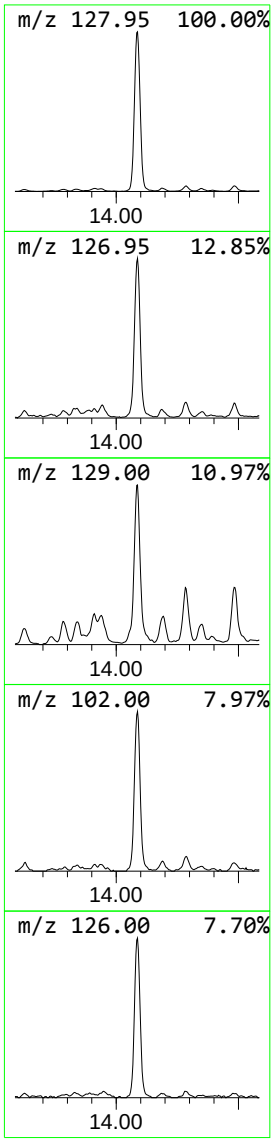
****

Peak Number 25 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.087	7.12 ug/L	853175	1,4-Dichlorobenzene-d4	11.811

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	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

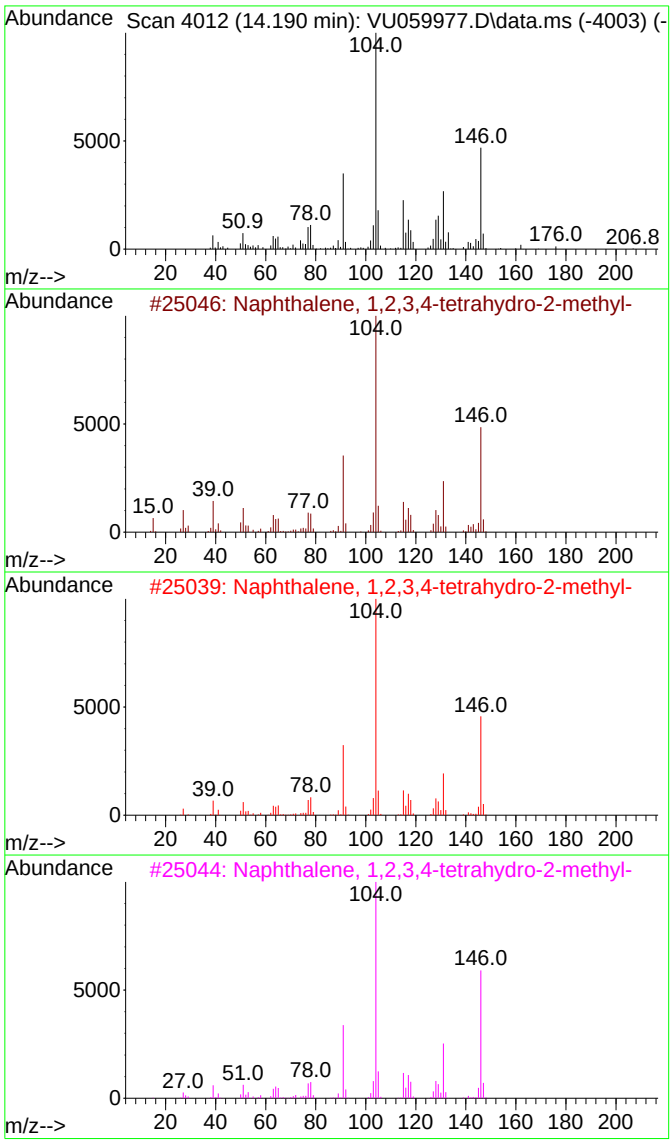
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

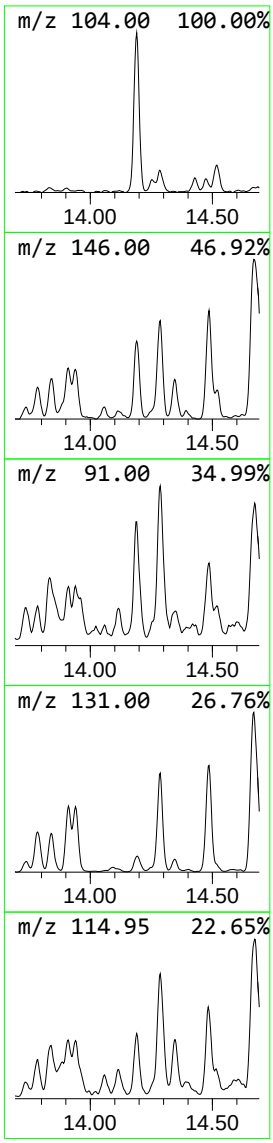
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	1.76 ug/L	210967	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
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	76
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

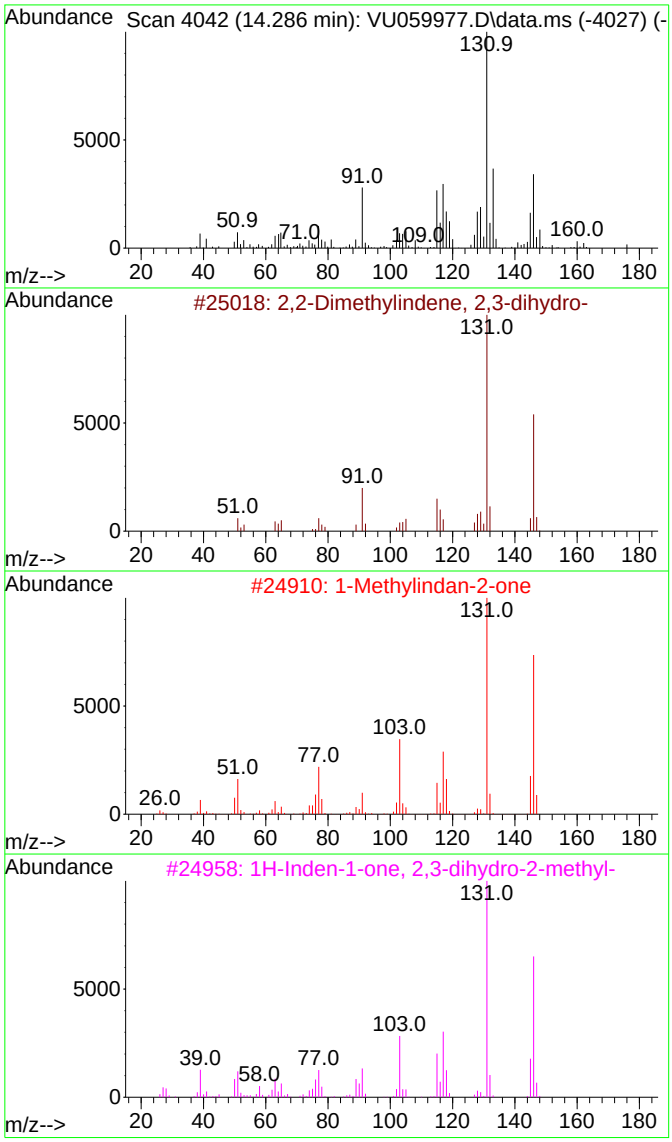
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

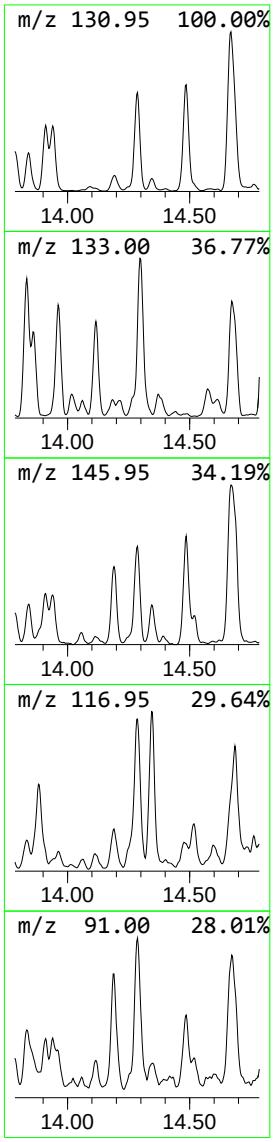
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	3.90 ug/L	467575	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	76
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	76
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

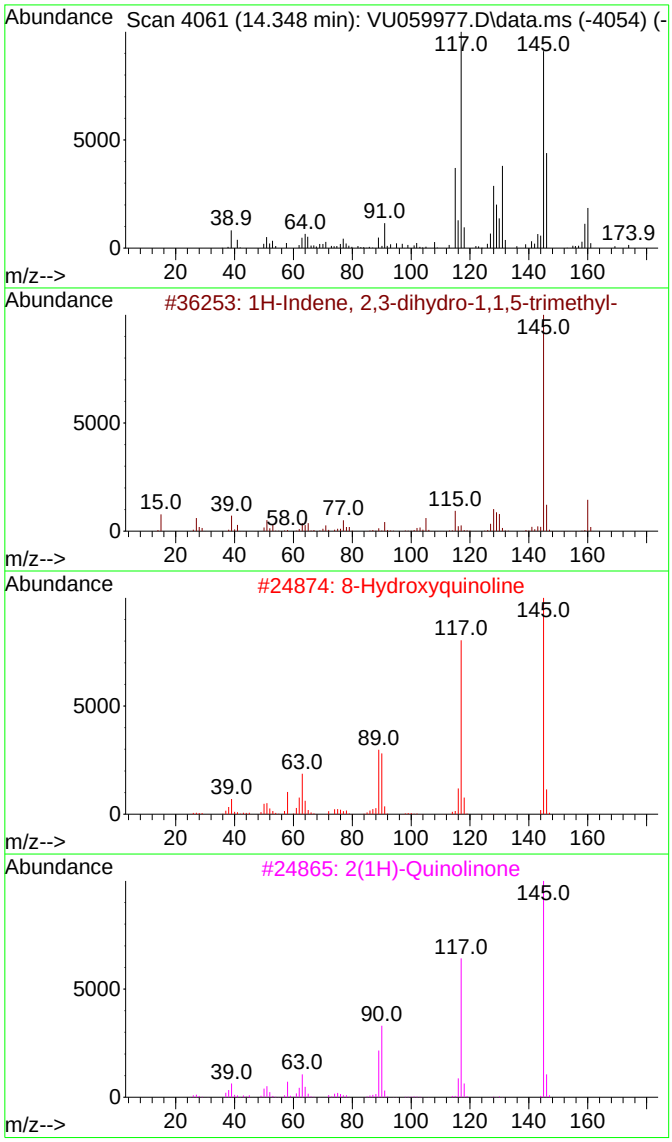
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

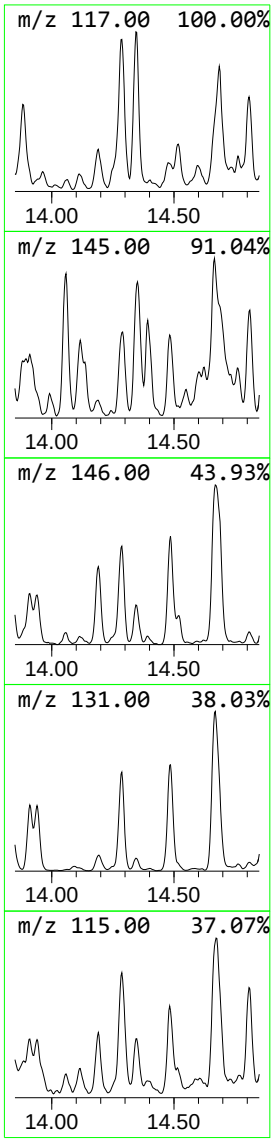
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.348	0.79 ug/L	94907	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	50
2	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	47
3	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	47
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	43
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

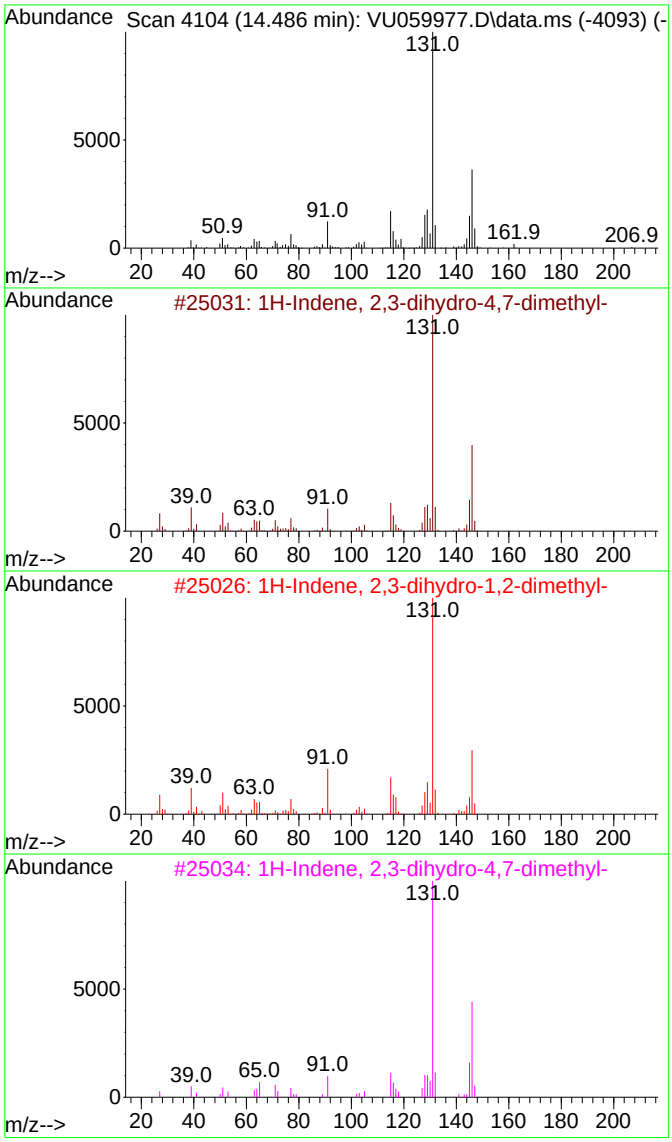
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

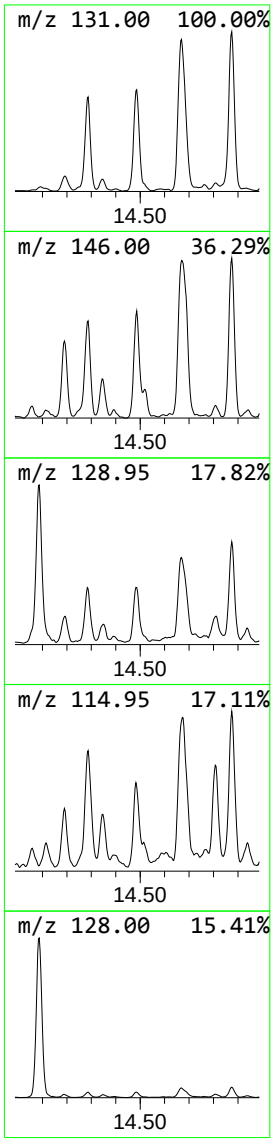
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	2.81 ug/L	336892	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

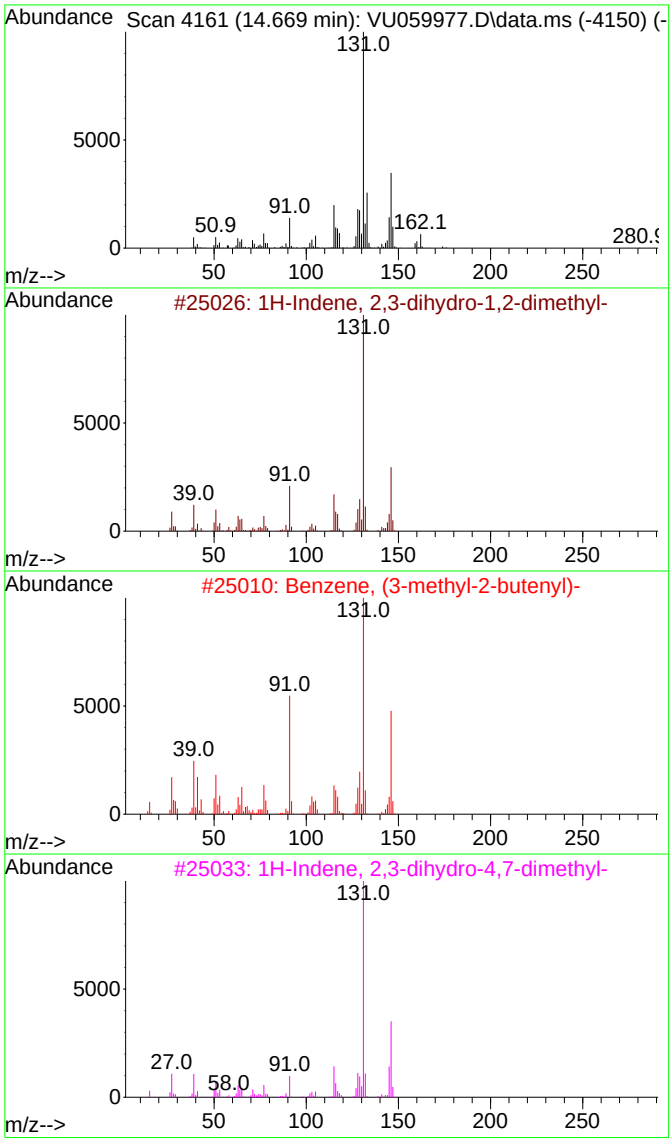
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

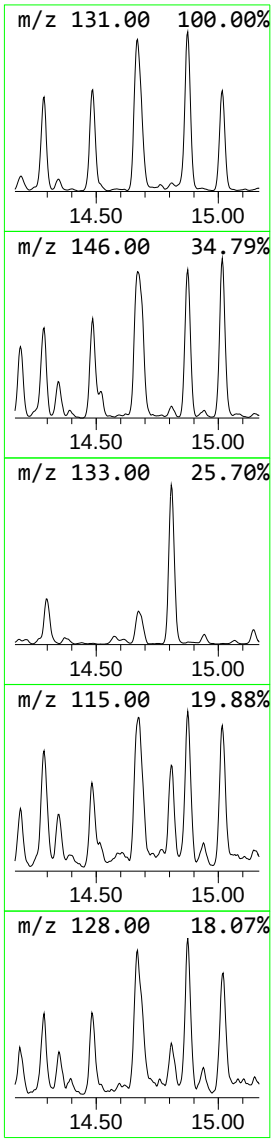
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	5.83 ug/L	699247	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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

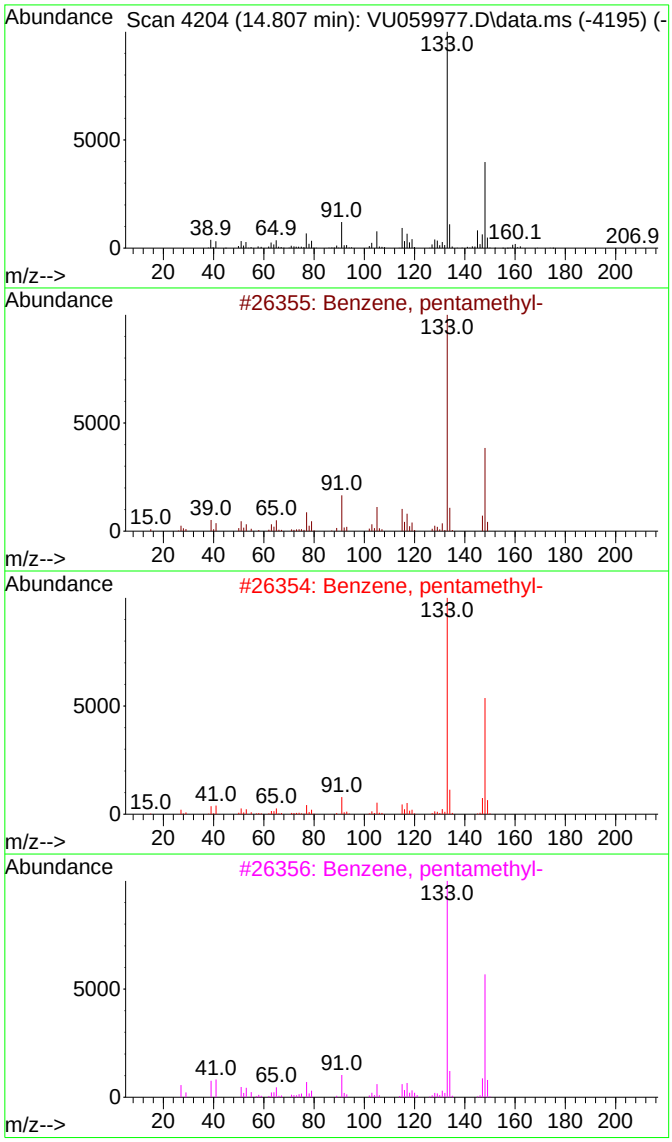
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

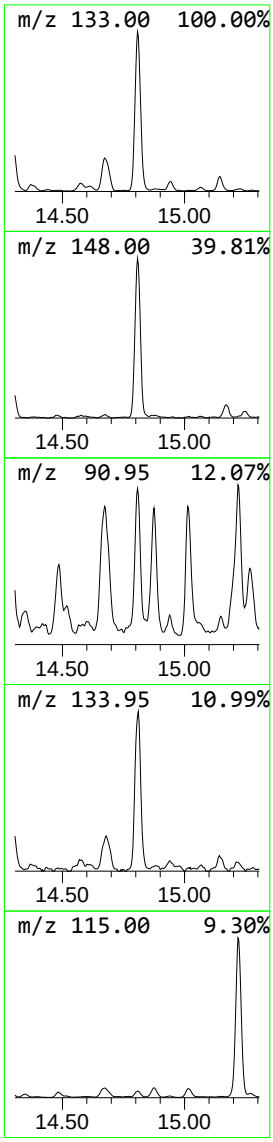
****

Peak Number 31 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.807	3.40 ug/L	407457	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	90
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

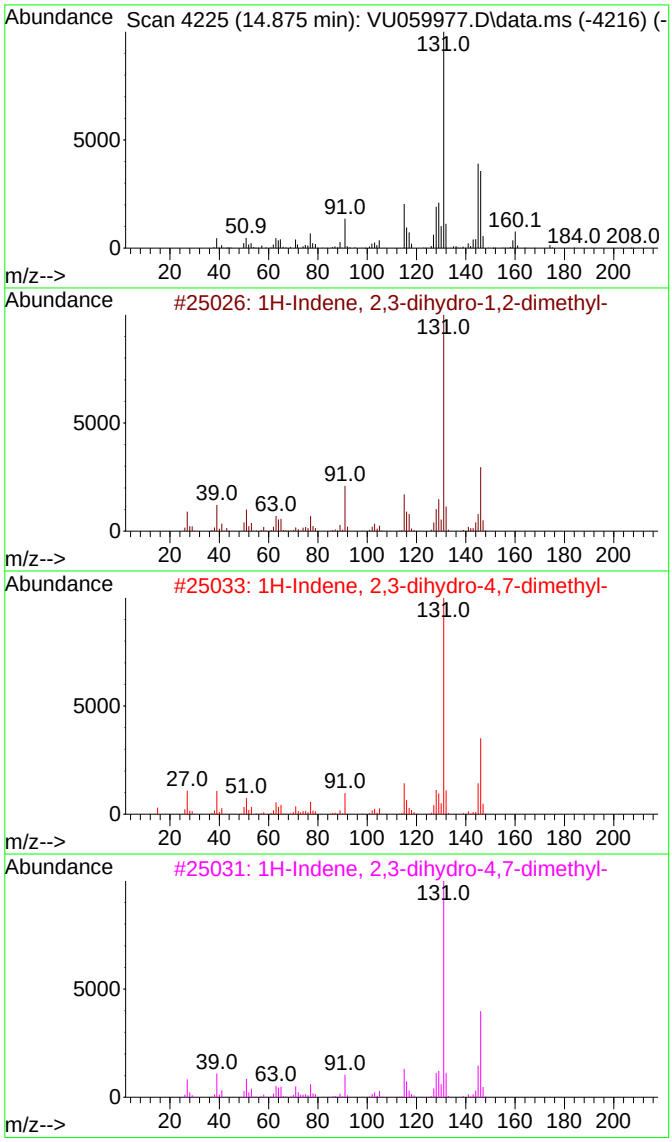
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

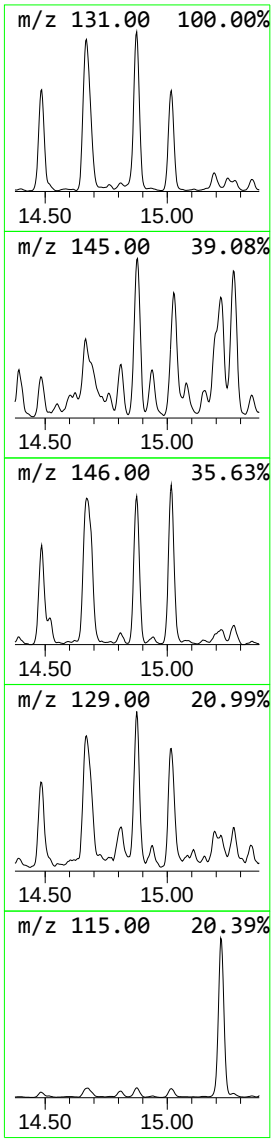
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.875	3.95 ug/L	473853	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
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	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	62
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	58





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

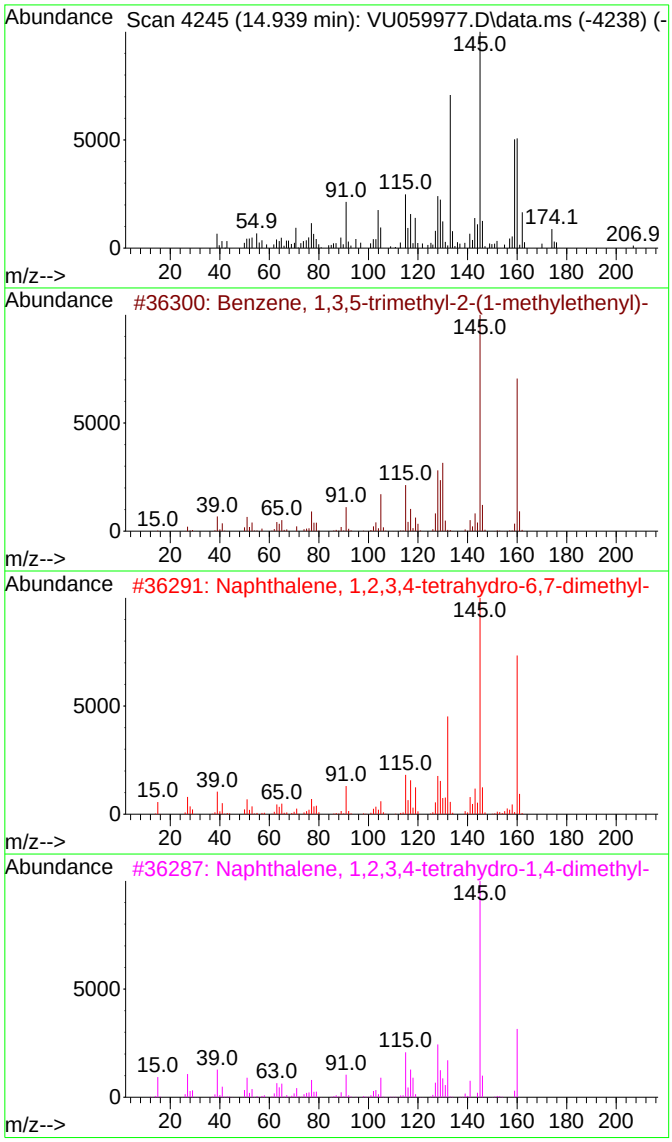
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

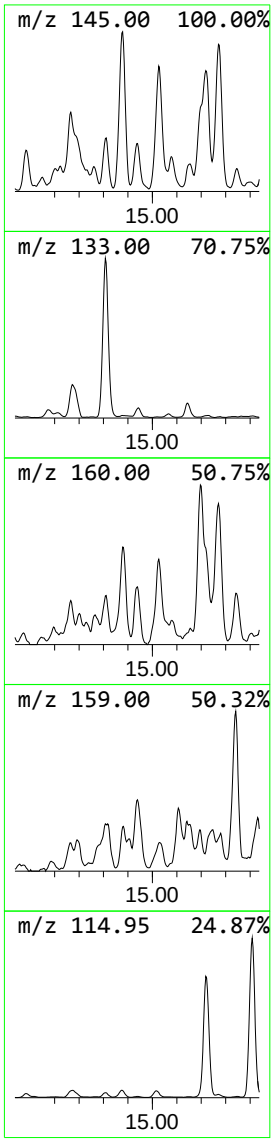
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.939	0.77 ug/L	91723	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	52
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	52





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

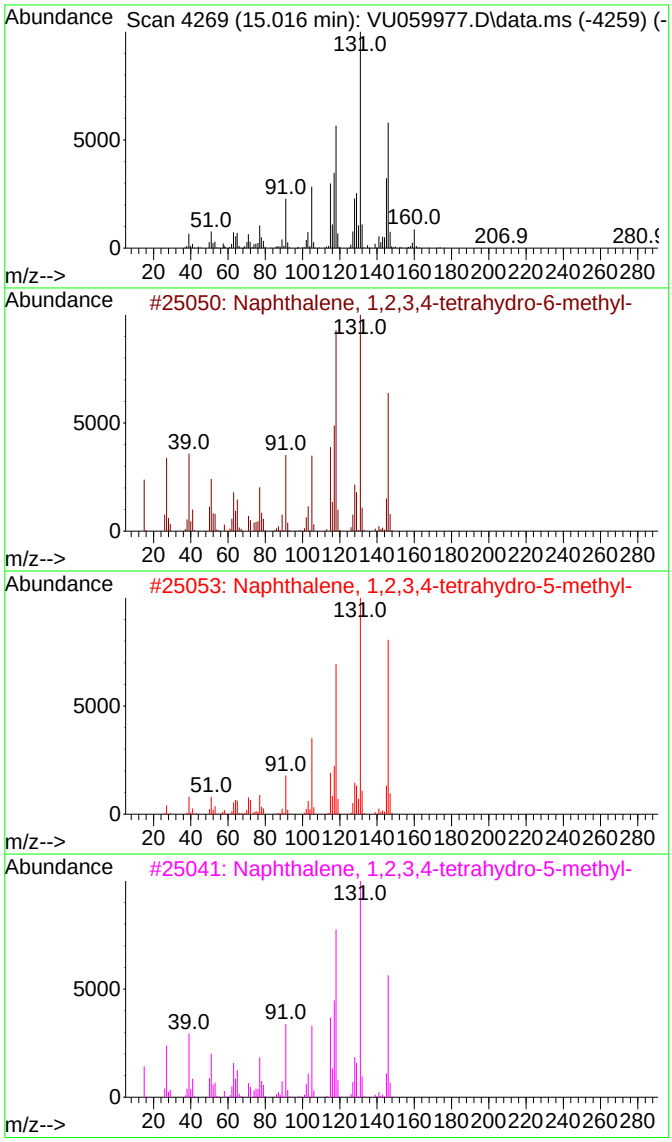
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

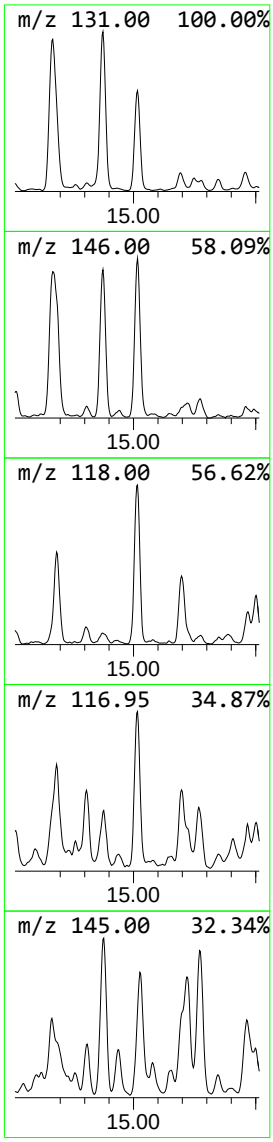
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.016	4.29 ug/L	513842	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

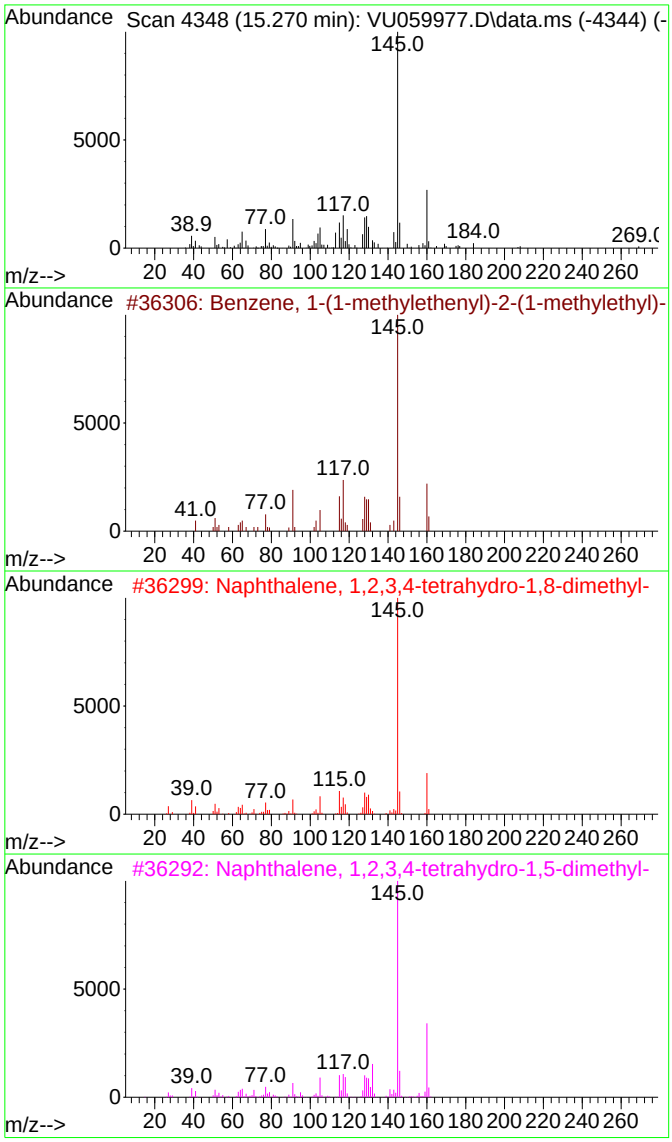
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

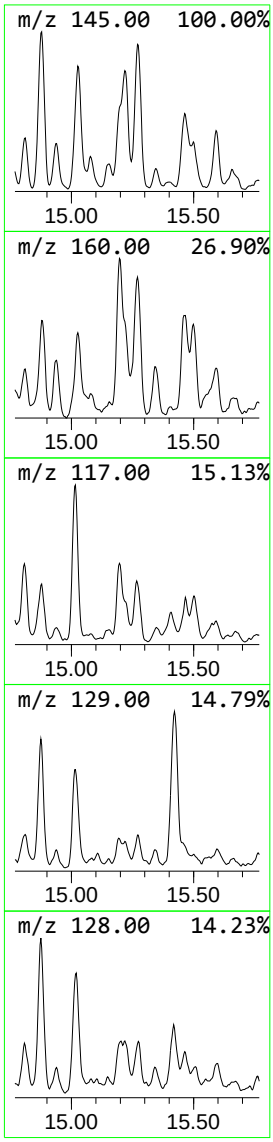
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1-(1-methylethenyl... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.270	1.44 ug/L	172504	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	90
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

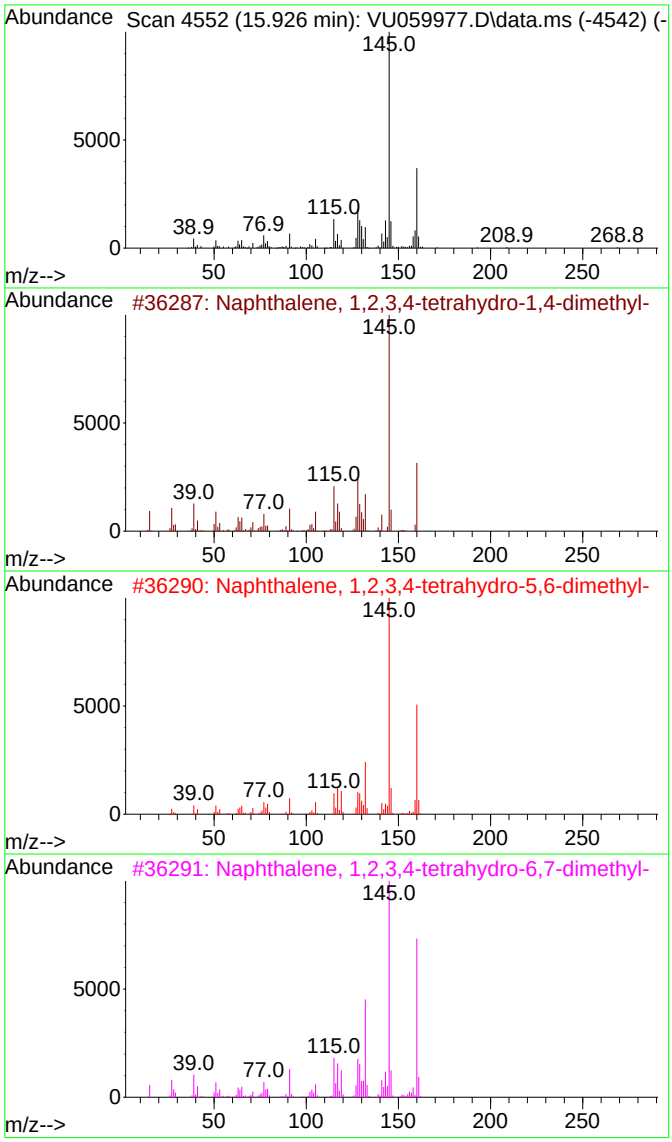
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

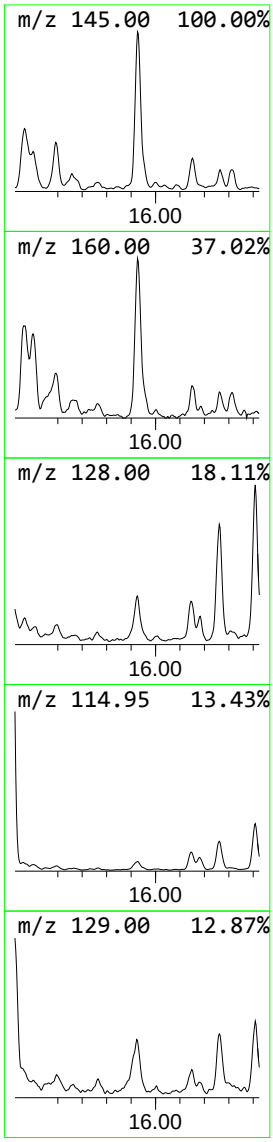
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.926	1.85 ug/L	222156	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
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	021564-91-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

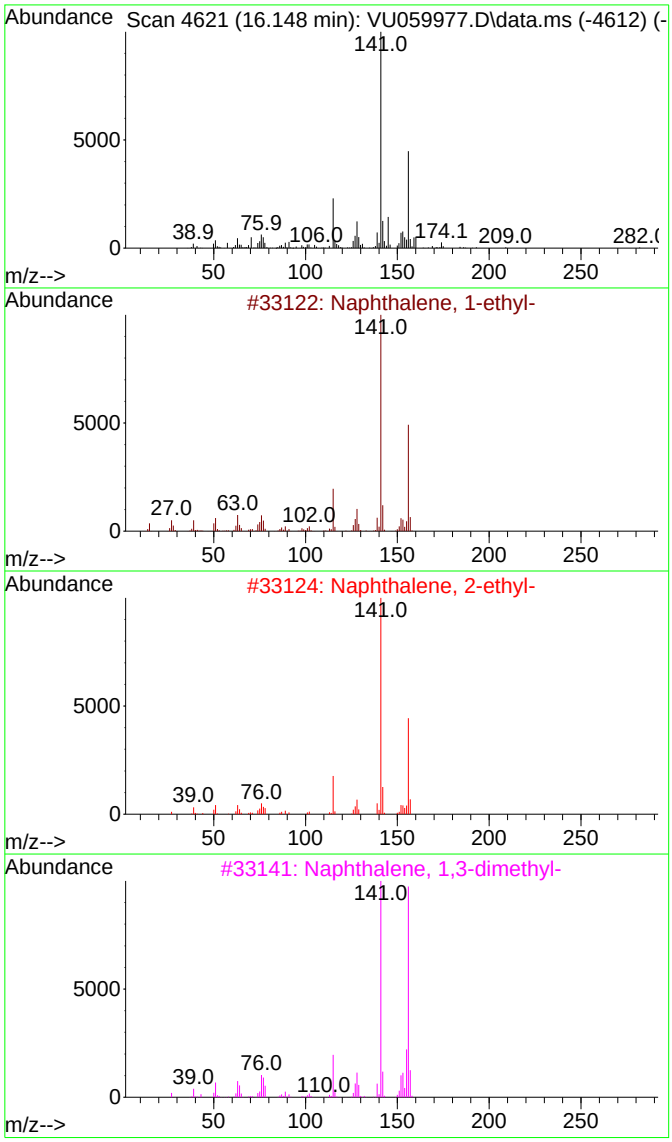
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

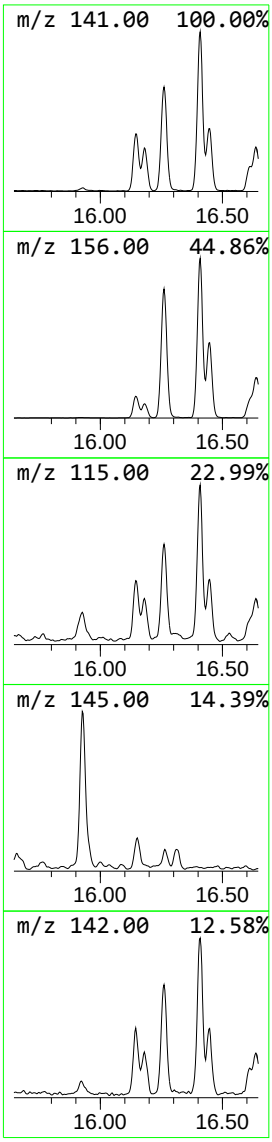
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.148	2.11 ug/L	252893	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

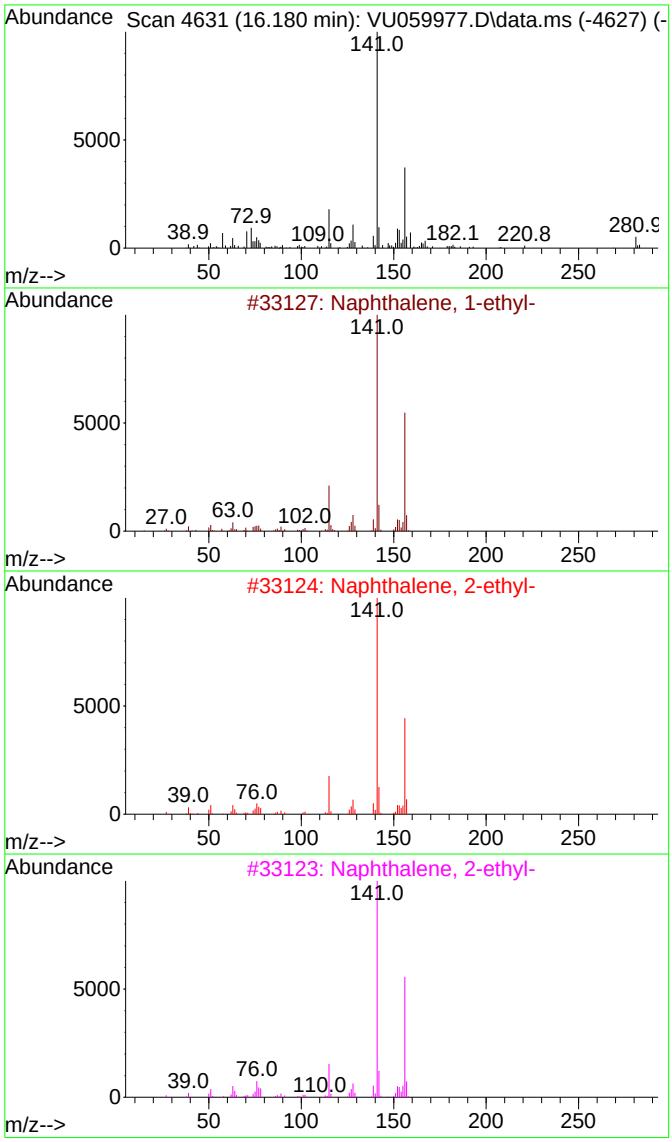
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

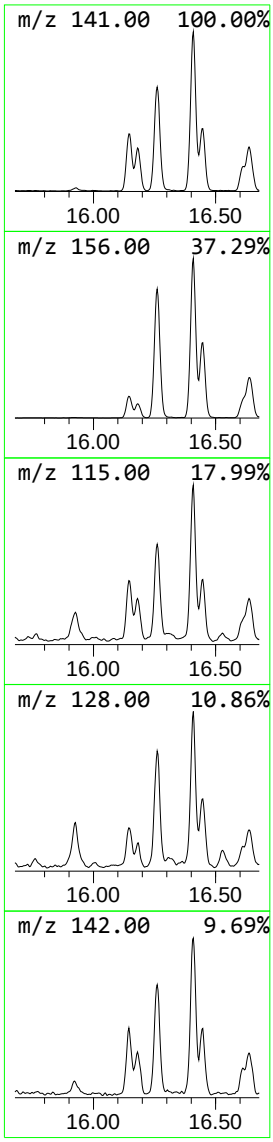
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	1.35 ug/L	161509	1,4-Dichlorobenzene-d4	11.811

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	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

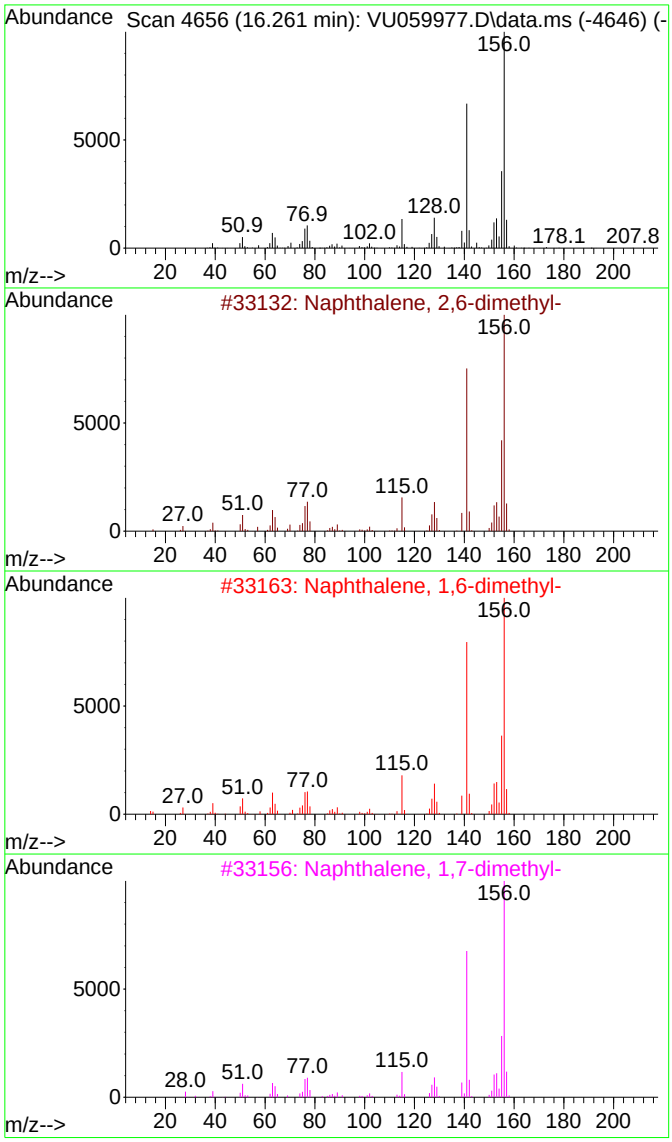
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

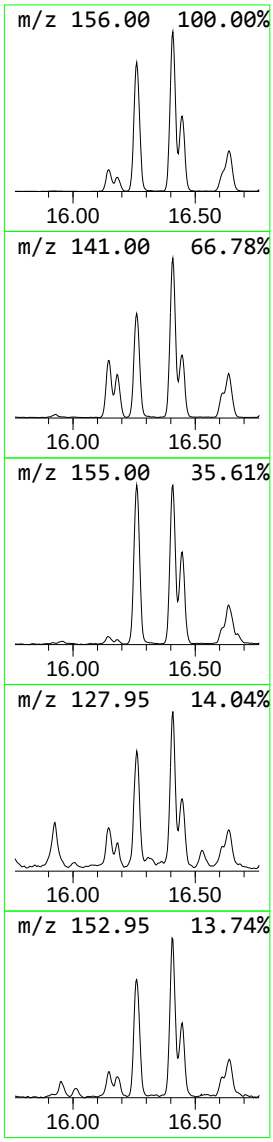
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.261	6.70 ug/L	803356	1,4-Dichlorobenzene-d4	11.811

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





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

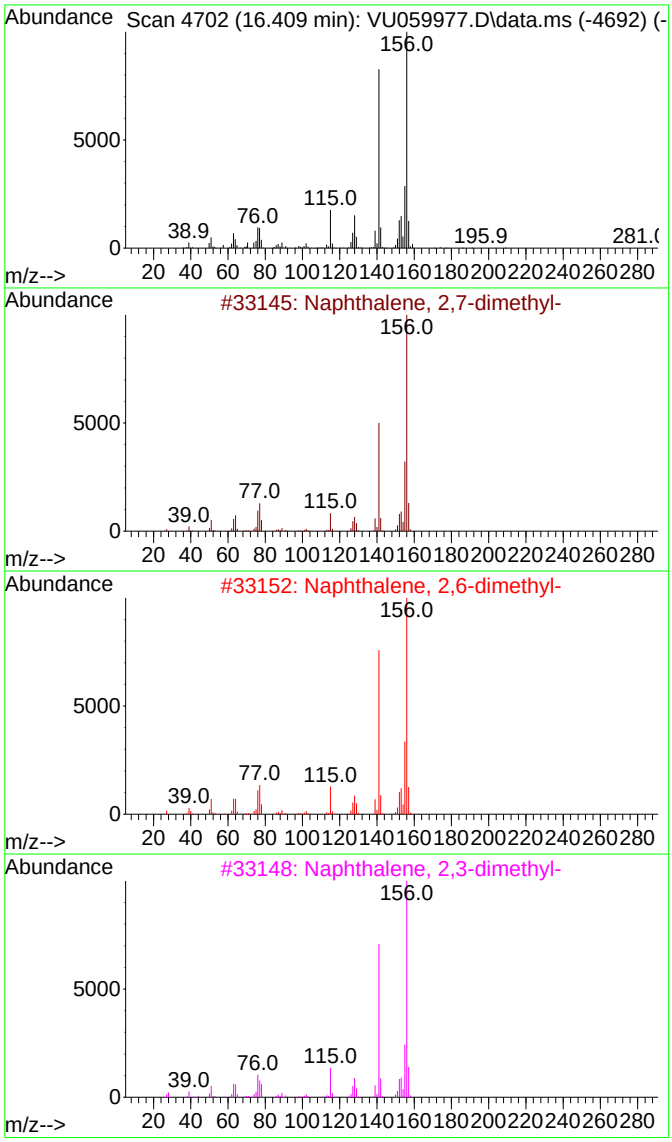
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

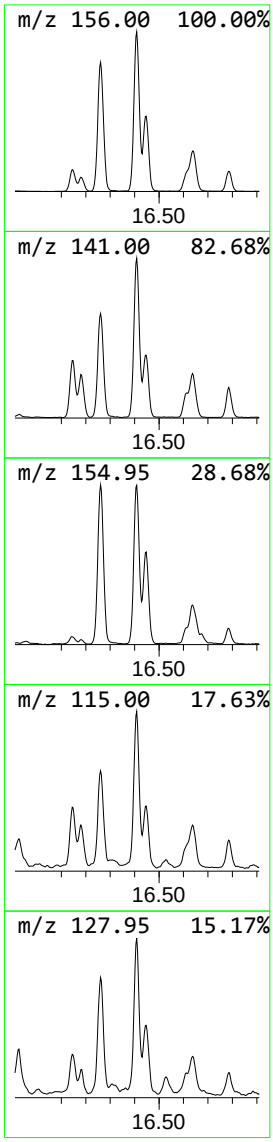
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.409	8.34 ug/L	999357	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

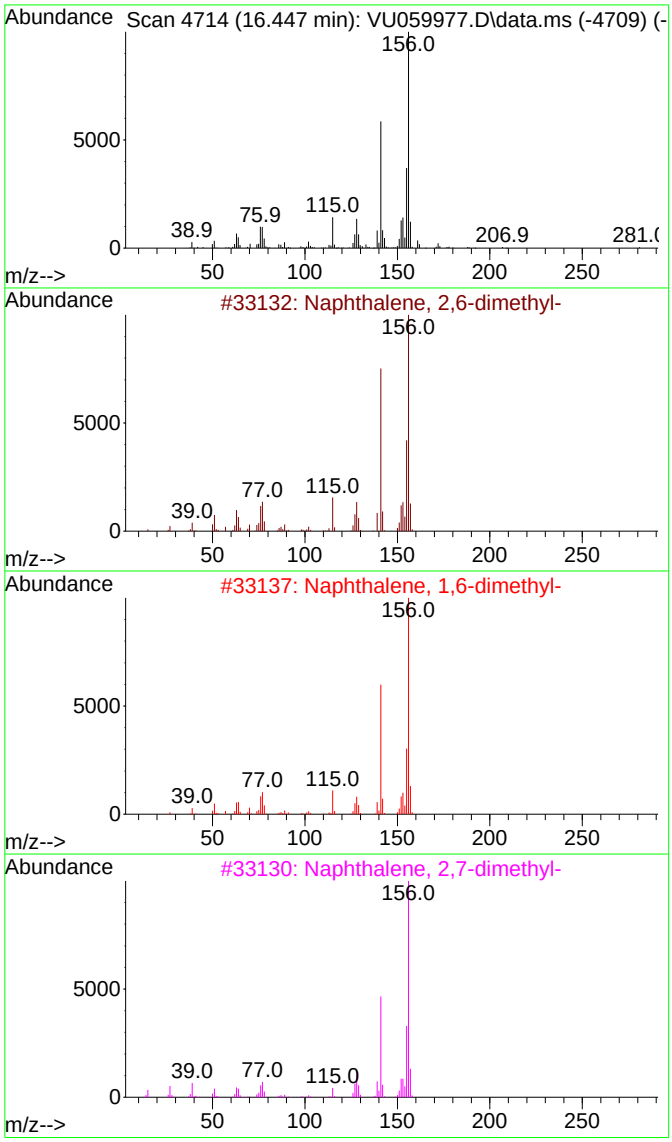
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

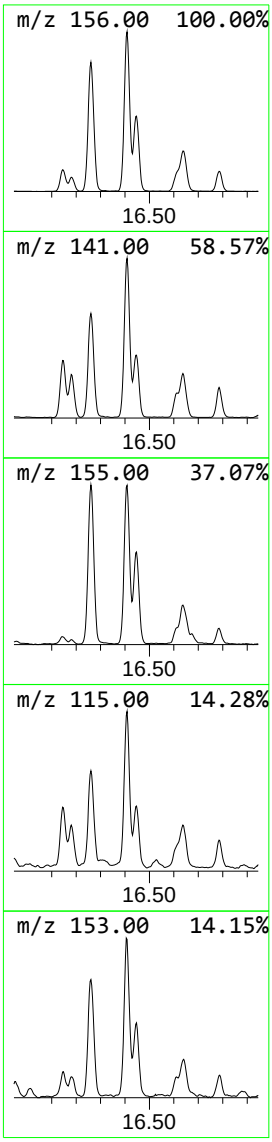
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.447	3.82 ug/L	458371	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
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





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Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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

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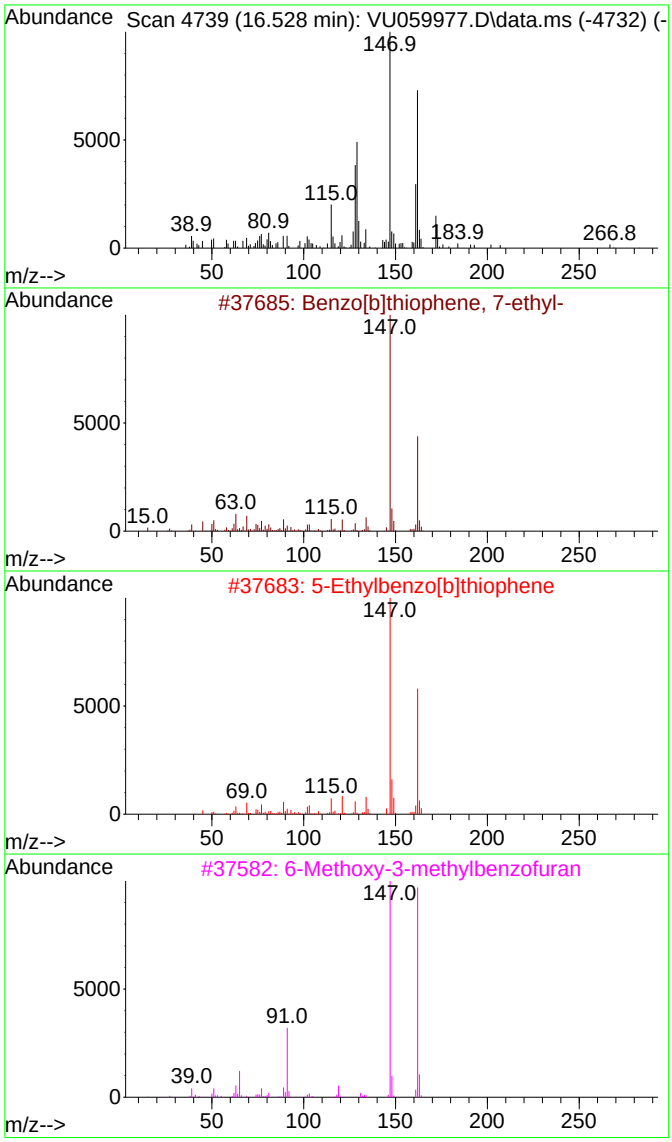
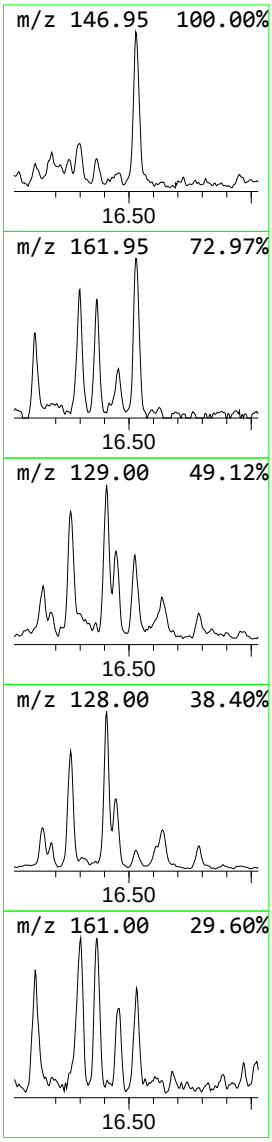
Peak Number 44 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.528	0.57 ug/L	68332	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 7-ethyl-	162	C10H10S	016587-42-1	43
2	5-Ethylbenzo[b]thiophene	162	C10H10S	017514-96-4	41
3	6-Methoxy-3-methylbenzofuran	162	C10H10O2	029040-52-6	38
4	3-(1-Methylethyl)(1H)pyrazolo[3,...	162	C8H10N4	1000108-62-9	38
5	Phenol, 4-(3-methyl-2-butenyl)-	162	C11H14O	001200-09-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

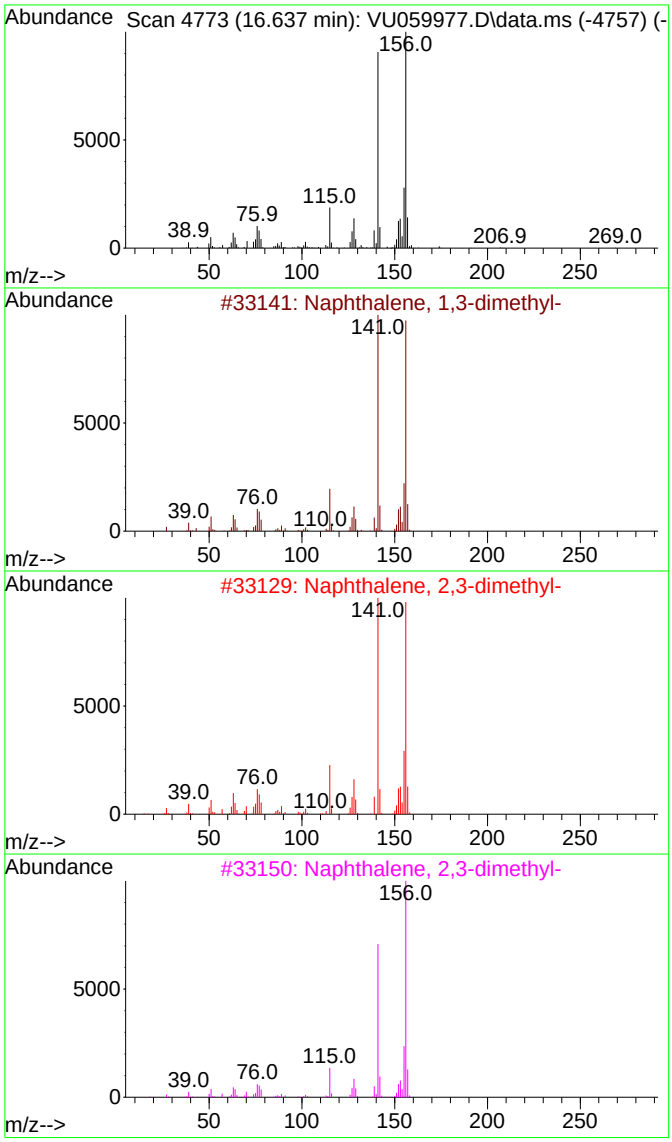
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

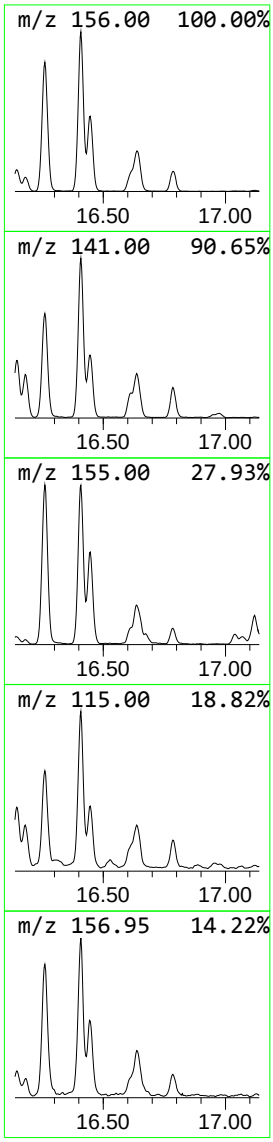
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.637	3.72 ug/L	446294	1,4-Dichlorobenzene-d4	11.811

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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

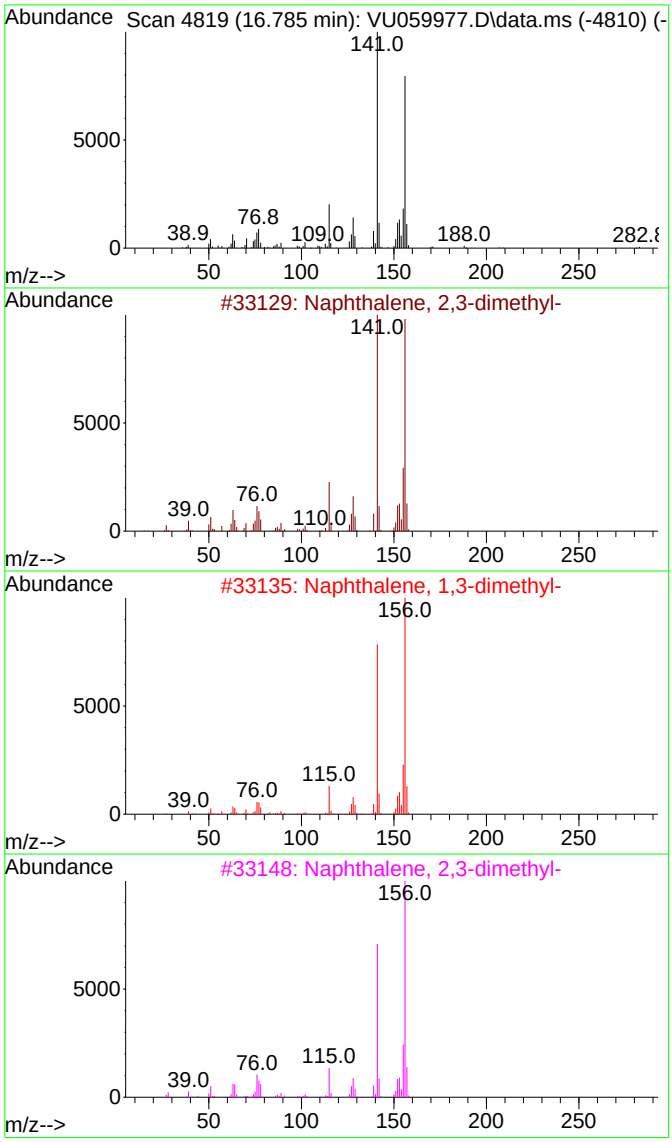
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

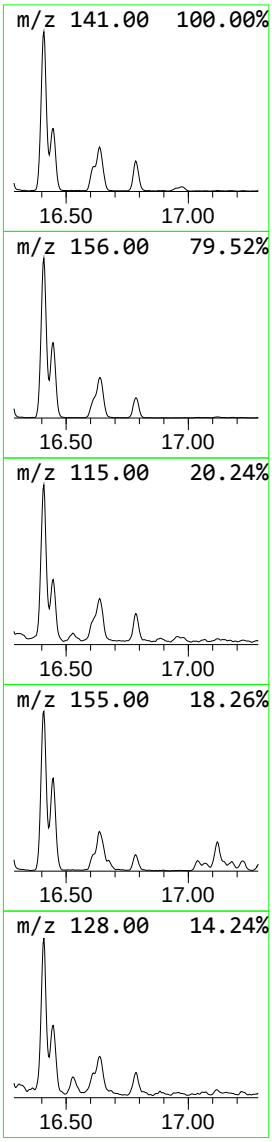
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Naphthalene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.785	1.57 ug/L	187935	1,4-Dichlorobenzene-d4	11.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
Data File : VU059977.D
Acq On : 16 Jul 2024 16:20
Operator : MD/SY
Sample : P3217-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8

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...	1.354	1.4	ug/L	118545	1	6.245	414408	5.0
Diethyl sulfide	6.563	3.4	ug/L	282109	1	6.245	414408	5.0
Benzene, propyl-	10.904	3.3	ug/L	391991	3	11.811	599296	5.0
Benzene, 1-ethy...	10.997	3.7	ug/L	440661	3	11.811	599296	5.0
Benzene, 1-ethy...	11.290	7.0	ug/L	836375	3	11.811	599296	5.0
7-Oxabicyclo[2....	11.637	2.0	ug/L	241050	3	11.811	599296	5.0
Indane	12.094	2.5	ug/L	296926	3	11.811	599296	5.0
Fenchone	12.949	2.6	ug/L	309303	3	11.811	599296	5.0
2,4-Dimethylsty...	13.451	2.8	ug/L	332194	3	11.811	599296	5.0
Bicyclo[2.2.1]h...	13.733	1.5	ug/L	183074	3	11.811	599296	5.0
Benzene, 1-ethy...	13.833	2.4	ug/L	292602	3	11.811	599296	5.0
(DEL) Alkane: S...	13.946	2.5	ug/L	303199	3	11.811	599296	5.0
Azulene	14.087	7.1	ug/L	853175	3	11.811	599296	5.0
Naphthalene, 1,...	14.190	1.8	ug/L	210967	3	11.811	599296	5.0
2,2-Dimethylind...	14.286	3.9	ug/L	467575	3	11.811	599296	5.0
1H-Indene, 2,3-...	14.348	0.8	ug/L	94907	3	11.811	599296	5.0
1H-Indene, 2,3-...	14.486	2.8	ug/L	336892	3	11.811	599296	5.0
1H-Indene, 2,3-...	14.669	5.8	ug/L	699247	3	11.811	599296	5.0
Benzene, pentam...	14.807	3.4	ug/L	407457	3	11.811	599296	5.0
Benzene, (1,2-d...	14.875	4.0	ug/L	473853	3	11.811	599296	5.0
Benzene, 1,3,5-...	14.939	0.8	ug/L	91723	3	11.811	599296	5.0
Naphthalene, 1,...	15.016	4.3	ug/L	513842	3	11.811	599296	5.0
Benzene, 1-(1-m...	15.270	1.4	ug/L	172504	3	11.811	599296	5.0
Naphthalene, 1,...	15.926	1.9	ug/L	222156	3	11.811	599296	5.0
Naphthalene, 1-...	16.148	2.1	ug/L	252893	3	11.811	599296	5.0
Naphthalene, 2-...	16.180	1.4	ug/L	161509	3	11.811	599296	5.0
Naphthalene, 2,...	16.261	6.7	ug/L	803356	3	11.811	599296	5.0
Naphthalene, 2,...	16.409	8.3	ug/L	999357	3	11.811	599296	5.0
Naphthalene, 1,...	16.447	3.8	ug/L	458371	3	11.811	599296	5.0
unknown-01	16.528	0.6	ug/L	68332	3	11.811	599296	5.0
Naphthalene, 1,...	16.637	3.7	ug/L	446294	3	11.811	599296	5.0
Naphthalene, 2,...	16.785	1.6	ug/L	187935	3	11.811	599296	5.0