LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060025.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	34	rVB3	18527	21743	2.75%	0.308%
2	1.596	84	95	107	rBV3	98702	137214	17.35%	1.944%
3	1.907	183	192	204	rBV	53909	75694	9.57%	1.072%
4	2.149	259	267	276	rVB4	5175	8279	1.05%	0.117%
5	2.560	383	395	409	rBV	93309	153666	19.43%	2.177%
6	3.039	529	544	560	rBV	12810	25000	3.16%	0.354%
7	4.644	1030	1043	1086	rBV3	60111	234643	29.68%	3.325%
8	5.055	1155	1171	1194	rBV2	93860	210796	26.66%	2.987%
9	5.718	1358	1377	1389	rBV2	185960	490388	62.02%	6.948%
10	6.245	1527	1541	1564	rBV	164732	322352	40.77%	4.567%
11	6.563	1624	1640	1659	rVB3	16315	33592	4.25%	0.476%
12	6.685	1665	1678	1692	rBV2	113795	230058	29.10%	3.260%
13	6.756	1694	1700	1713	rVB7	11465	21887	2.77%	0.310%
14	7.560	1940	1950	1972	rBV2	51824	94243	11.92%	1.335%
15	7.891	2041	2053	2067	rBV	215865	377932	47.80%	5.355%
16	7.965	2067	2076	2092	rVB	59784	106006	13.41%	1.502%
17	8.177	2132	2142	2156	rBV2	31449	54459	6.89%	0.772%
18	8.550	2248	2258	2272	rBV3	17055	28977	3.66%	0.411%
19	8.631	2272	2283	2323	rBV	251353	524493	66.33%	7.431%
20	9.412	2514	2526	2547	rBV	244411	430058	54.39%	6.093%
21	9.692	2601	2613	2626	rBV	19244	33584	4.25%	0.476%
22	10.097	2729	2739	2752	rBV	35759	58195	7.36%	0.825%
23	10.479	2847	2858	2871	rBV3	7380	11279	1.43%	0.160%
24	10.749	2932	2942	2958	rVV	105181	169878	21.48%	2.407%
25	10.901	2975	2989	2999	rBV2	19071	34685	4.39%	0.491%
26	10.994	3007	3018	3023	rBV2	40146	66889	8.46%	0.948%
27	11.084	3037	3046	3058	rVB2	26838	41186	5.21%	0.584%
28	11.286	3098	3109	3127	rBV2	82592	131983	16.69%	1.870%
29	11.463	3152	3164	3176	rBV2	66796	107567	13.60%	1.524%
30	11.630	3201	3216	3227	rBV9	7104	14845	1.88%	0.210%
31	11.743	3244	3251	3259	rBV5	6764	10104	1.28%	0.143%
32	11.807	3259	3271	3290	rVV2	260701	510776	64.60%	7.237%
33	11.891	3290	3297	3312	rVB2	17238	28994	3.67%	0.411%
34	12.090	3344	3359	3377	rBV4	19267	34294	4.34%	0.486%
35	12.200	3377	3393	3411	rBV2	324613	790694	100.00%	11.203%
36	12.569	3500	3508	3516	rBV2	5586	8491	1.07%	0.120%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

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\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	12.679	3530	3542	3550	rBV4	8425	14993	1.90%	0.212%
38	12.942	3614	3624	3629	rBV3	11754	19096	2.42%	0.271%
39	13.405	3757	3768	3773	rBV7	6334	10784	1.36%	0.153%
40	13.447	3773	3781	3796	rVB6	21816	39690	5.02%	0.562%
41	13.621	3825	3835	3842	rBV4	9964	16629	2.10%	0.236%
42	13.727	3860	3868	3877	rBV10	9932	15545	1.97%	0.220%
43	13.782	3877	3885	3890	rBV5	6204	8551	1.08%	0.121%
44	13.830	3891	3900	3908	rBV10	14827	28907	3.66%	0.410%
45	13.939	3928	3934	3948	rVB10	15821	33993	4.30%	0.482%
46	14.084	3960	3979	3997	rVV	45926	96746	12.24%	1.371%
47	14.183	3997	4010	4023	rVB5	14216	25056	3.17%	0.355%
48	14.283	4028	4041	4052	rBV3	25527	49767	6.29%	0.705%
49	14.344	4052	4060	4069	rVV8	7789	13490	1.71%	0.191%
50	14.479	4092	4102	4110	rBV3	17368	29104	3.68%	0.412%
51	14.572	4121	4131	4144	rBV	10475	21186	2.68%	0.300%
52	14.666	4148	4160	4176	rVV5	29625	72705	9.20%	1.030%
53	14.804	4193	4203	4214	rBV	26803	42850	5.42%	0.607%
54	14.872	4214	4224	4235	rVB3	27128	46823	5.92%	0.663%
55	14.933	4235	4243	4256	rVB5	7272	11671	1.48%	0.165%
56	15.010	4256	4267	4279	rBV4	31500	58586	7.41%	0.830%
57	15.219	4315	4332	4342	rBV	152668	257426	32.56%	3.647%
58	15.264	4343	4346	4356	rVB3	13796	17613	2.23%	0.250%
59	15.338	4360	4369	4378	rBV6	5479	10013	1.27%	0.142%
60	15.405	4378	4390	4402	rBV	228212	369801	46.77%	5.240%
61	15.460	4402	4407	4413	rVB7	6331	8302	1.05%	0.118%
62	15.589	4440	4447	4456	rVB10	5006	9028	1.14%	0.128%
63	15.923	4538	4551	4564	rVB5	10685	19958	2.52%	0.283%
64	16.145	4611	4620	4625	rBV7	6023	9801	1.24%	0.139%
65	16.261	4646	4656	4666	rBV3	11462	20933	2.65%	0.297%
66	16.405	4692	4701	4709	rBV4	18864	31749	4.02%	0.450%
67	16.444	4709	4713	4723	rVB5	7745	12048	1.52%	0.171%

Sum of corrected areas: 7057768

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
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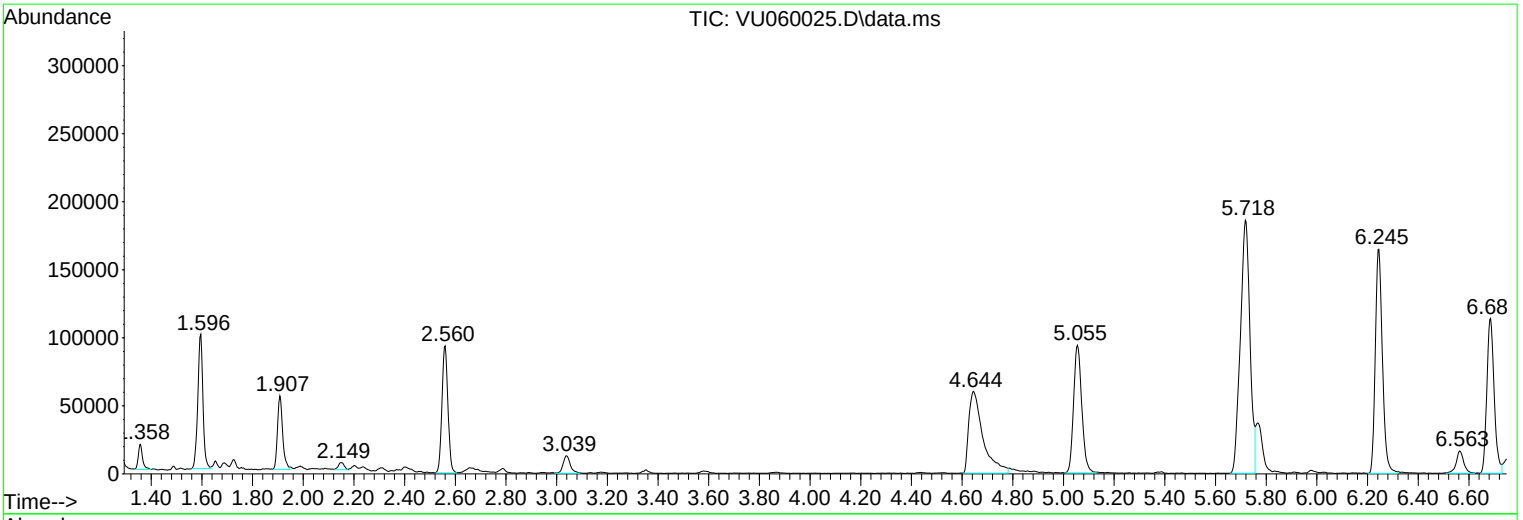
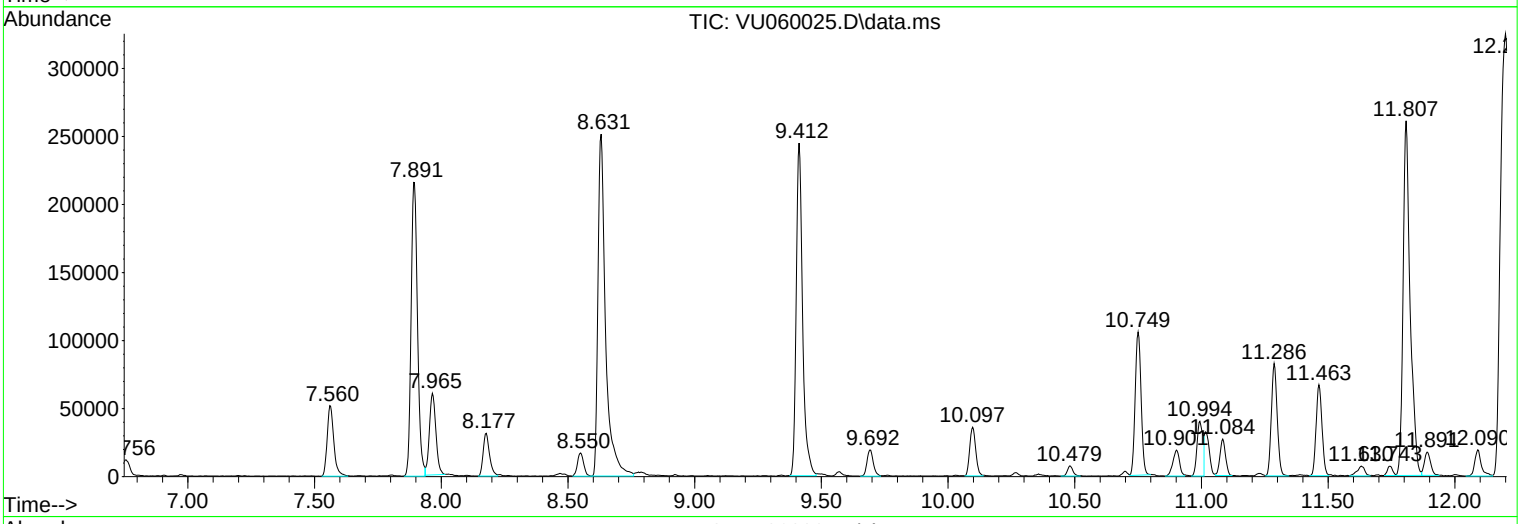
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

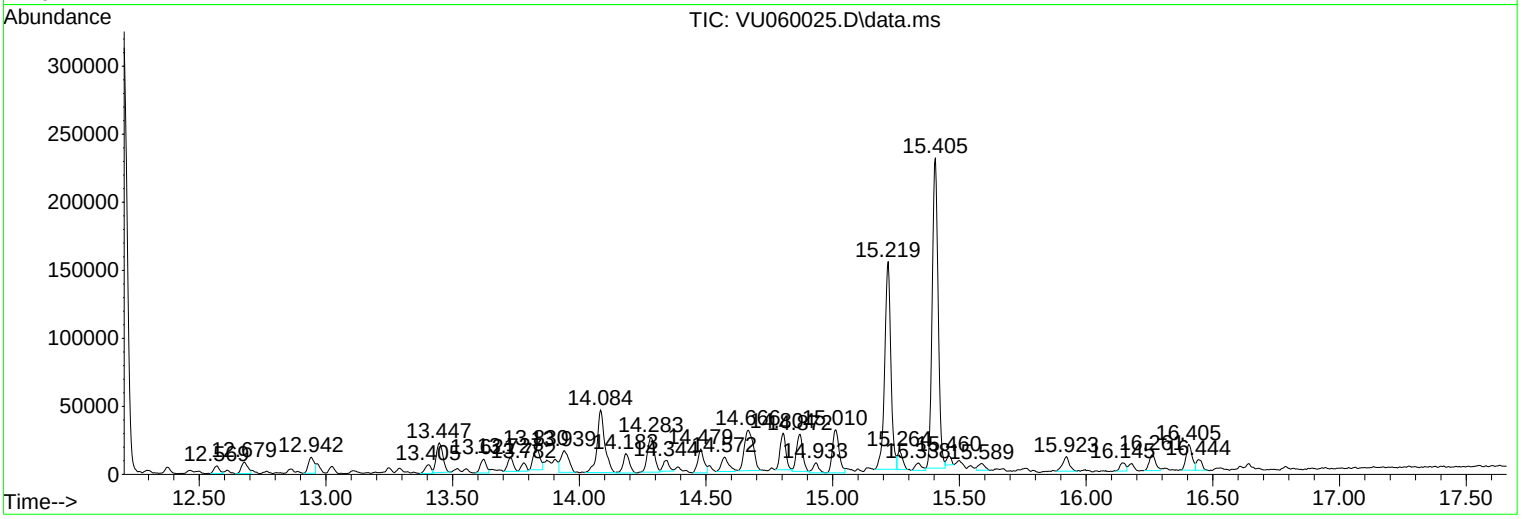
Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

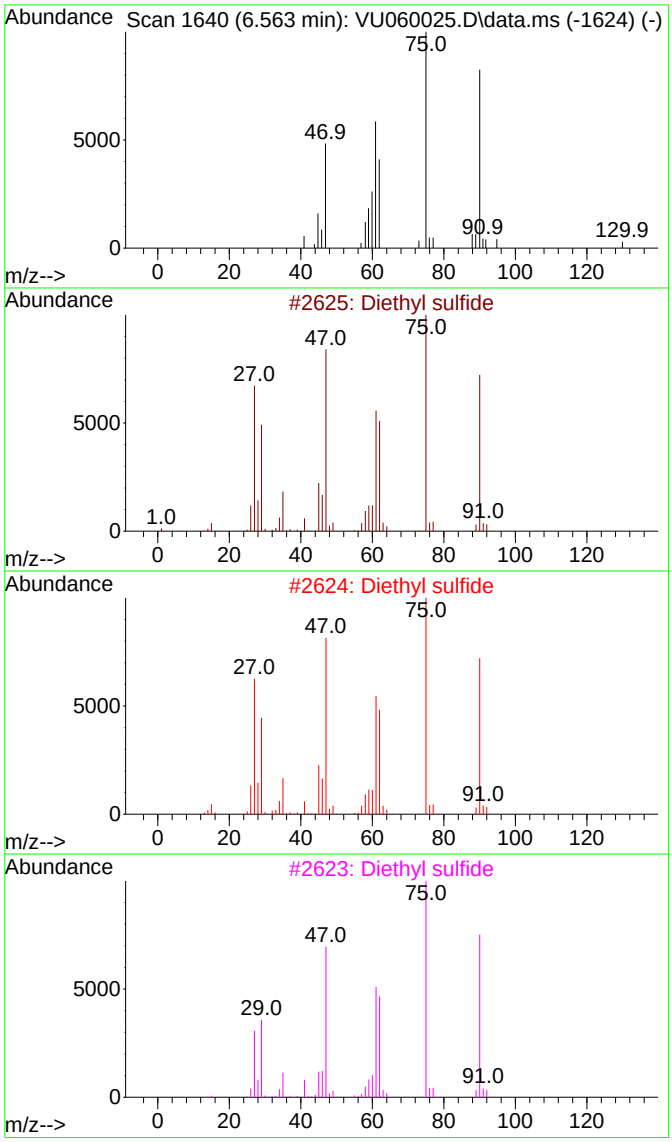
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

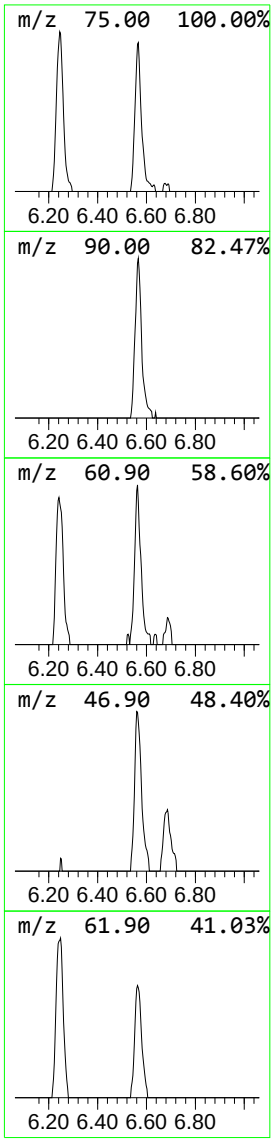
****

Peak Number 1 Diethyl sulfide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	0.52 ug/L	33592	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	91
2	Diethyl sulfide	90	C4H10S	000352-93-2	91
3	Diethyl sulfide	90	C4H10S	000352-93-2	90
4	Diethyl sulfide	90	C4H10S	000352-93-2	86
5	1-Methylphospholane-1-oxide	118	C5H11OP	005794-87-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

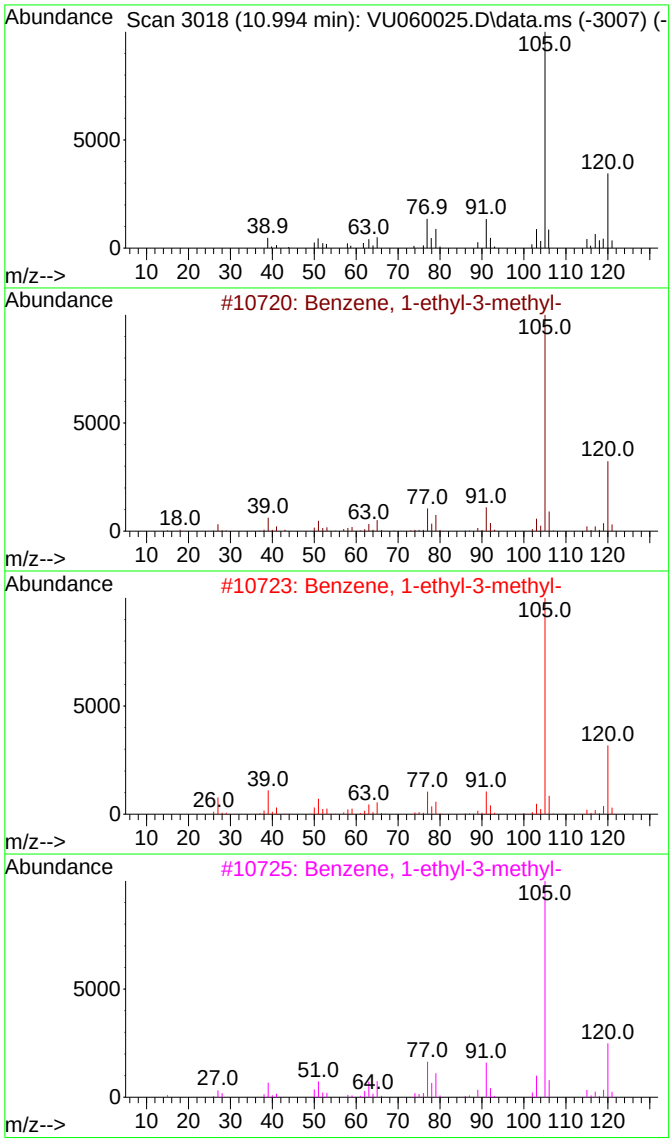
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

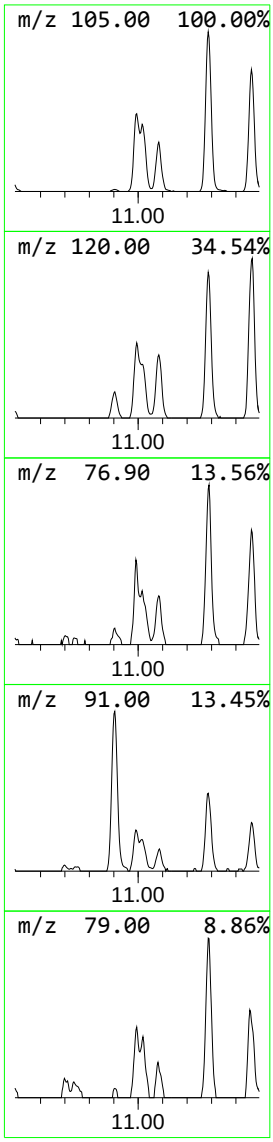
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	0.65 ug/L	66889	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	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

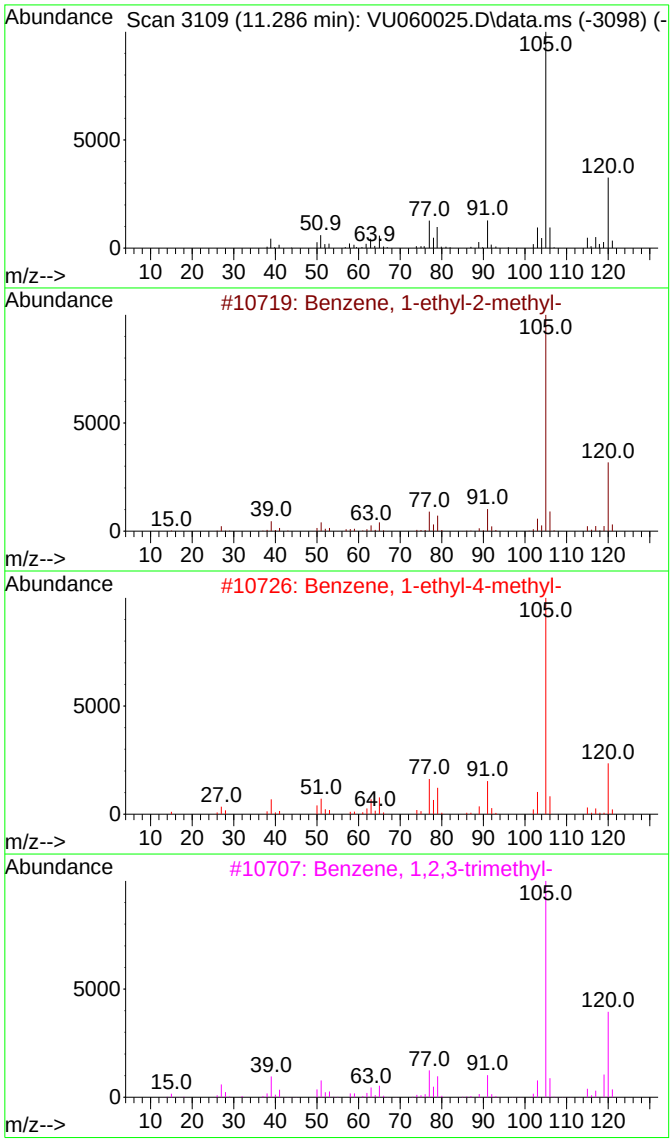
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

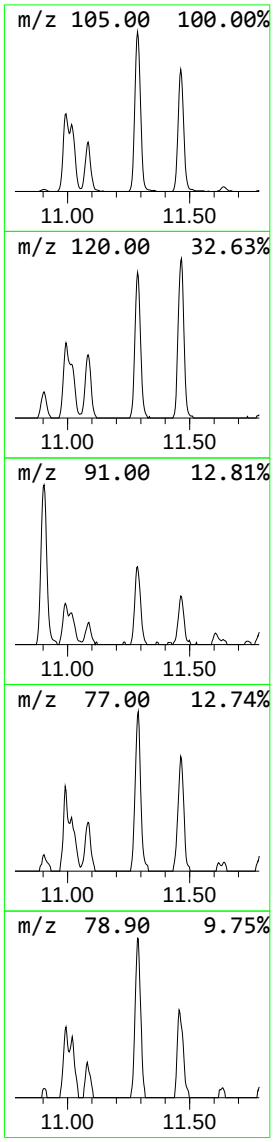
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	1.29 ug/L	131983	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

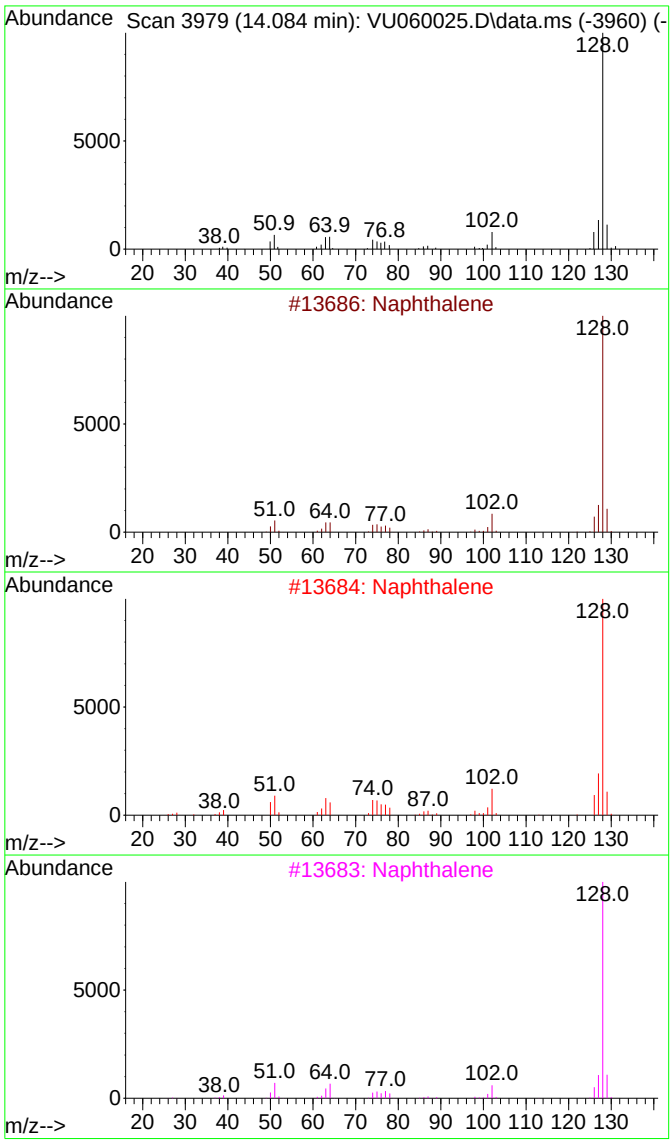
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

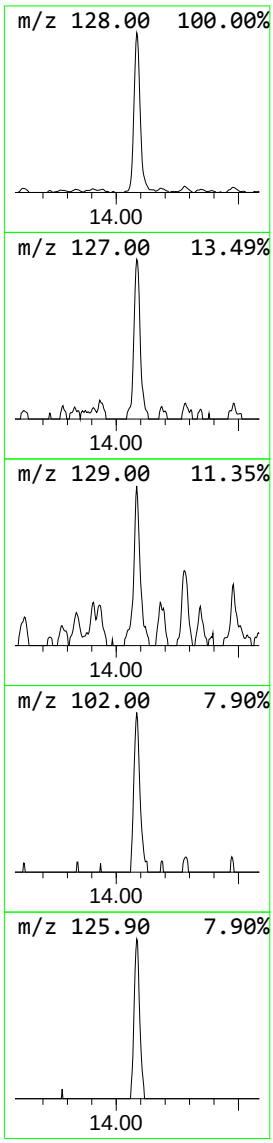
****

Peak Number 5 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	0.95 ug/L	96746	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	94
3	Naphthalene	128	C10H8	000091-20-3	93
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5	Azulene	128	C10H8	000275-51-4	91





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Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

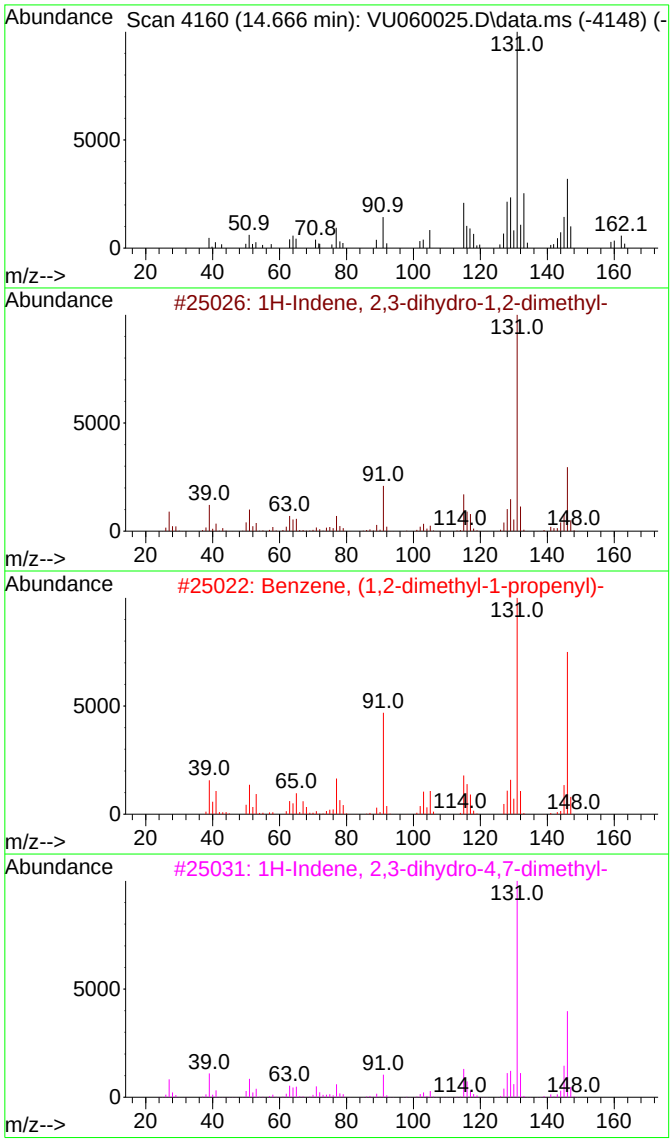
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

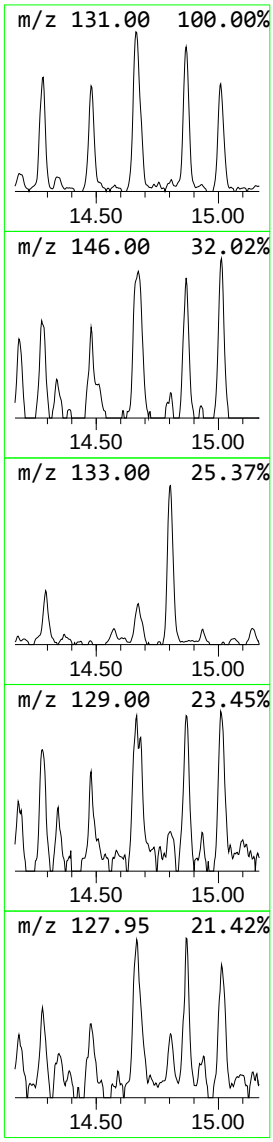
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	0.71 ug/L	72705	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

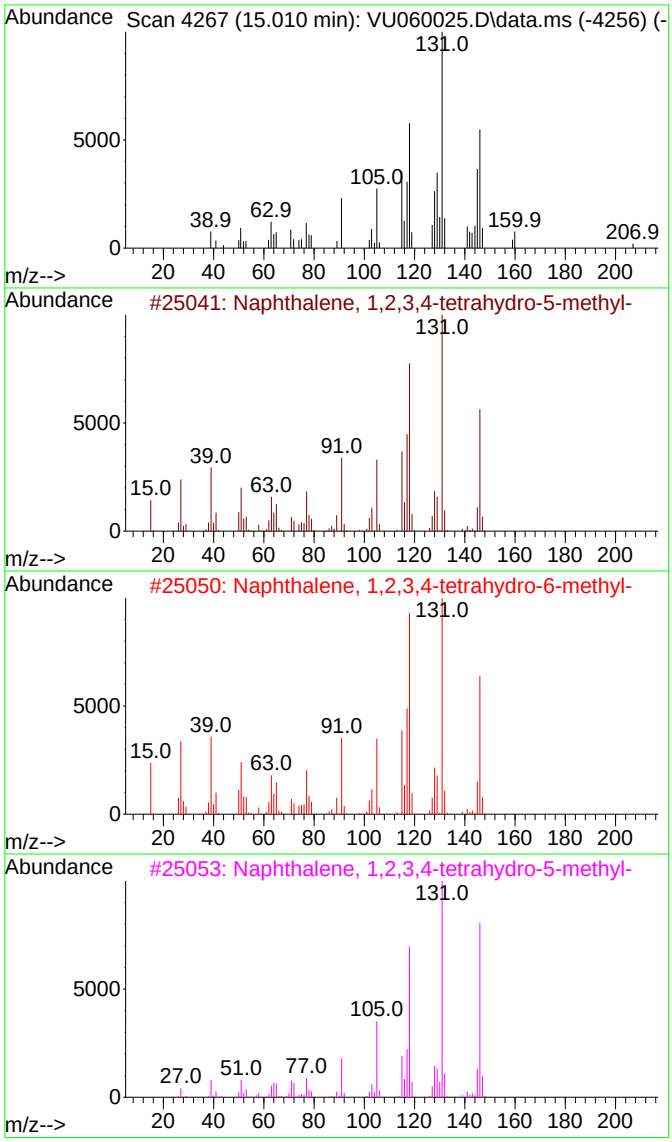
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

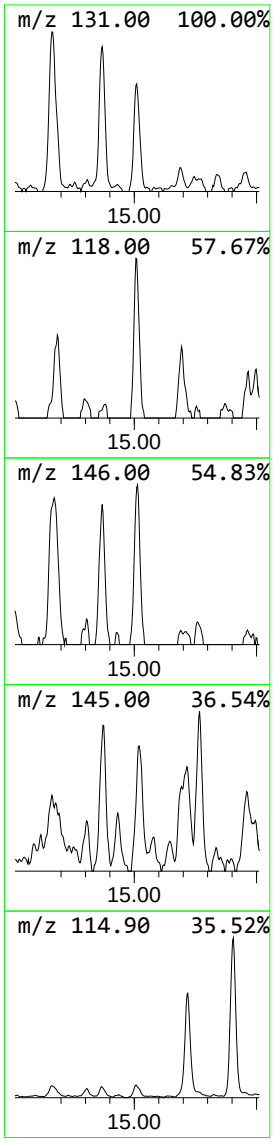
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	0.57 ug/L	58586	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060025.D
Acq On : 18 Jul 2024 18:23
Operator : MD/SY
Sample : P3217-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZJ8DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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
Diethyl sulfide	6.563	0.5	ug/L	33592	1	6.245	322352	5.0
Benzene, 1-ethy...	10.994	0.7	ug/L	66889	3	11.807	510776	5.0
Benzene, 1-ethy...	11.286	1.3	ug/L	131983	3	11.807	510776	5.0
Azulene	14.084	0.9	ug/L	96746	3	11.807	510776	5.0
1H-Indene, 2,3-...	14.666	0.7	ug/L	72705	3	11.807	510776	5.0
Naphthalene, 1,...	15.010	0.6	ug/L	58586	3	11.807	510776	5.0