LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

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_V\METHOD\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	3	8	21	rVB	137280	131926	12.17%	1.241%
2	1.315	60	70	77	rBV3	171360	247337	22.81%	2.327%
3	1.367	82	86	92	rVB	23855	22722	2.10%	0.214%
4	1.428	98	105	112	rVB	49900	53105	4.90%	0.500%
5	1.557	135	145	147	rBV	47844	53202	4.91%	0.501%
6	1.576	147	151	166	rVB2	69899	111416	10.28%	1.048%
7	1.830	224	230	245	rVB6	10430	20053	1.85%	0.189%
8	1.917	252	257	264	rVB2	9859	11229	1.04%	0.106%
9	2.048	288	298	311	rBV	250140	348813	32.17%	3.282%
10	2.126	313	322	335	rVB	124616	180005	16.60%	1.694%
11	2.225	345	353	365	rVB2	23187	37864	3.49%	0.356%
12	2.524	441	446	458	rVB	24916	41061	3.79%	0.386%
13	2.778	514	525	541	rVB2	53393	93964	8.67%	0.884%
14	3.212	650	660	679	rVB2	17474	43387	4.00%	0.408%
15	3.836	843	854	869	rVB3	25584	61009	5.63%	0.574%
16	3.936	870	885	910	rBV4	108861	322532	29.75%	3.035%
17	4.376	1005	1022	1046	rBV	95169	234101	21.59%	2.203%
18	5.074	1223	1239	1251	rBV3	207301	513112	47.33%	4.828%
19	5.643	1402	1416	1437	rBV	208239	423770	39.09%	3.987%
20	5.971	1500	1518	1533	rVB4	49400	115699	10.67%	1.089%
21	6.097	1540	1557	1570	rBV	114080	228931	21.12%	2.154%
22	7.010	1831	1841	1859	rBV	59504	110005	10.15%	1.035%
23	7.338	1931	1943	1954	rBV	260969	434824	40.11%	4.091%
24	7.408	1954	1965	1983	rVB	640314	1084182	100.00%	10.201%
25	7.646	2030	2039	2058	rVB2	35958	67652	6.24%	0.637%
26	8.109	2171	2183	2198	rBV	215776	382006	35.23%	3.594%
27	8.875	2409	2421	2438	rVV	316271	528548	48.75%	4.973%
28	9.032	2457	2470	2486	rBV	316938	501782	46.28%	4.721%
29	9.158	2495	2509	2529	rBV	439589	717063	66.14%	6.747%
30	9.563	2623	2635	2650	rBV	297141	476531	43.95%	4.484%
31	9.952	2747	2756	2765	rBV2	17480	28121	2.59%	0.265%
32	10.039	2771	2783	2801	rBV	95816	161439	14.89%	1.519%
33	10.238	2835	2845	2855	rBV2	79355	126891	11.70%	1.194%
34	10.376	2878	2888	2896	rBV	18161	28654	2.64%	0.270%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

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_V\METHOD\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

35	10.469	2905	2917	2936	rVB	26075	67608	6.24%	0.636%
36	10.563	2938	2946	2957	rVB2	22122	34048	3.14%	0.320%
37	10.759	2999	3007	3018	rVB2	27770	43973	4.06%	0.414%
38	10.936	3052	3062	3073	rBV2	39785	62491	5.76%	0.588%
39	11.215	3139	3149	3155	rBV3	7796	12239	1.13%	0.115%
40	11.270	3156	3166	3184	rVV	346757	545482	50.31%	5.133%
41	11.357	3184	3193	3209	rVB	56325	91815	8.47%	0.864%
42	11.553	3245	3254	3263	rBV5	22734	43057	3.97%	0.405%
43	11.598	3263	3268	3273	rVV4	9820	14927	1.38%	0.140%
44	11.646	3273	3283	3301	rVB	270422	446674	41.20%	4.203%
45	11.842	3337	3344	3352	rVB	8442	11716	1.08%	0.110%
46	11.936	3362	3373	3377	rBV4	12694	18989	1.75%	0.179%
47	11.964	3377	3382	3392	rVB3	11527	15997	1.48%	0.151%
48	12.038	3392	3405	3413	rBV	19204	32576	3.00%	0.307%
49	12.138	3425	3436	3445	rBV2	16047	29914	2.76%	0.281%
50	12.337	3487	3498	3507	rBV3	9621	17706	1.63%	0.167%
51	12.437	3521	3529	3536	rBV3	7415	11305	1.04%	0.106%
52	12.489	3538	3545	3553	rVB2	14769	23293	2.15%	0.219%
53	12.852	3650	3658	3666	rBV2	27003	43961	4.05%	0.414%
54	12.903	3667	3674	3688	rVB2	25607	41754	3.85%	0.393%
55	13.067	3717	3725	3735	rVB4	29846	47119	4.35%	0.443%
56	13.241	3769	3779	3786	rBV2	10789	15404	1.42%	0.145%
57	13.289	3786	3794	3800	rBV9	11174	16942	1.56%	0.159%
58	13.392	3819	3826	3834	rVB7	9852	15562	1.44%	0.146%
59	13.527	3859	3868	3879	rBV	24382	41437	3.82%	0.390%
60	13.633	3891	3901	3912	rBV2	59149	92747	8.55%	0.873%
61	13.730	3917	3931	3944	rVV	61135	107873	9.95%	1.015%
62	13.932	3983	3994	4004	rBV3	14127	23465	2.16%	0.221%
63	14.112	4039	4050	4069	rBV4	18198	51015	4.71%	0.480%
64	14.251	4086	4093	4103	rVB9	12475	20492	1.89%	0.193%
65	14.321	4103	4115	4127	rBV7	22564	43205	3.99%	0.407%
66	14.453	4144	4156	4169	rBV3	72863	121665	11.22%	1.145%
67	14.521	4169	4177	4190	rVB3	6126	11454	1.06%	0.108%
68	14.640	4205	4214	4219	rBV3	40224	69220	6.38%	0.651%
69	14.710	4228	4236	4252	rVB4	37640	70607	6.51%	0.664%
70	14.788	4252	4260	4268	rBV8	9956	16023	1.48%	0.151%
71	14.842	4268	4277	4288	rVB2	38894	63257	5.83%	0.595%

LSC Area Percent Report

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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

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_V\METHOD\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

72	14.906	4288	4297	4302	rBV5	21163	33104	3.05%	0.311%
73	14.939	4304	4307	4313	rVB3	14177	14903	1.37%	0.140%
74	15.025	4321	4334	4344	rBV9	13908	30852	2.85%	0.290%
75	15.199	4378	4388	4397	rVB7	7959	14828	1.37%	0.140%
76	15.363	4423	4439	4443	rBV4	35007	66486	6.13%	0.626%
77	15.585	4499	4508	4515	rBV4	11120	19349	1.78%	0.182%
78	15.697	4526	4543	4551	rBV4	21917	44400	4.10%	0.418%
79	15.839	4578	4587	4595	rBV8	13843	23819	2.20%	0.224%

Sum of corrected areas: 10627689

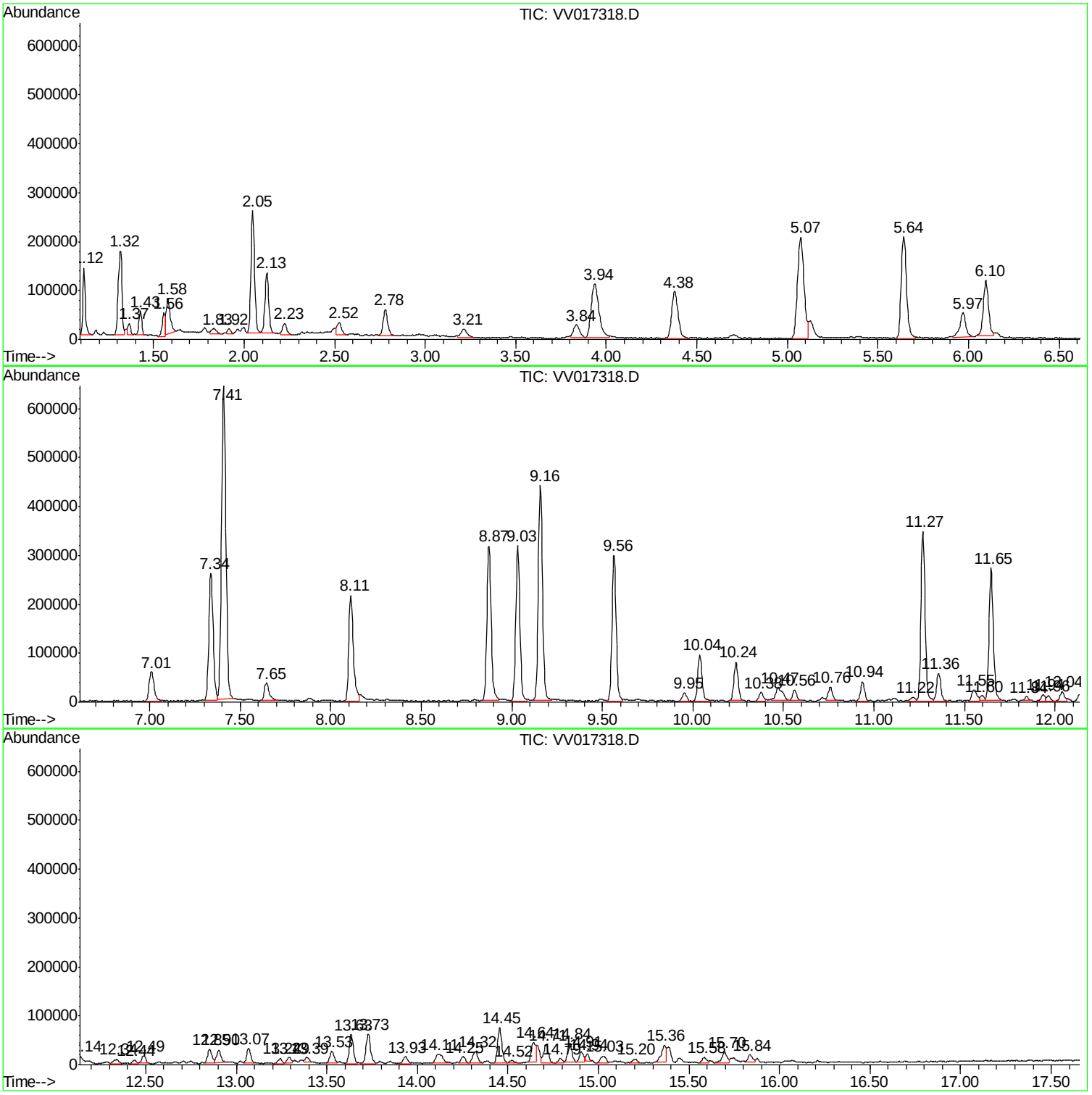
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

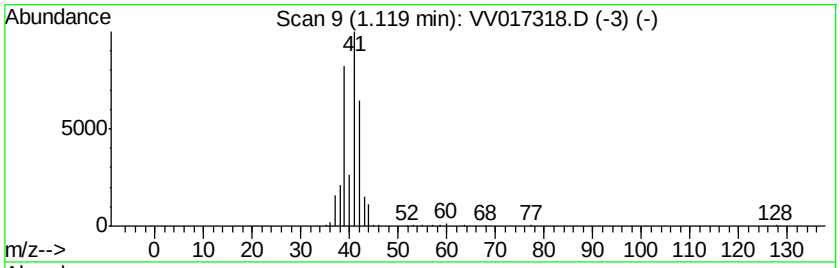
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

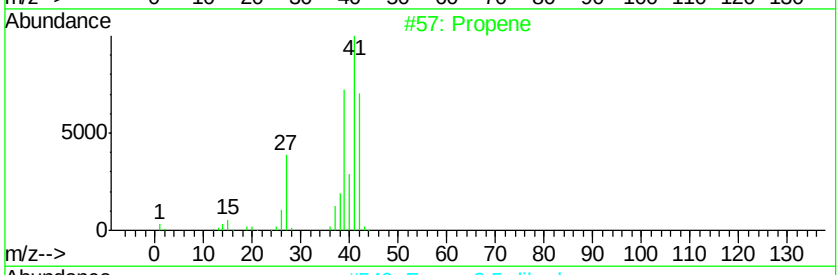
****

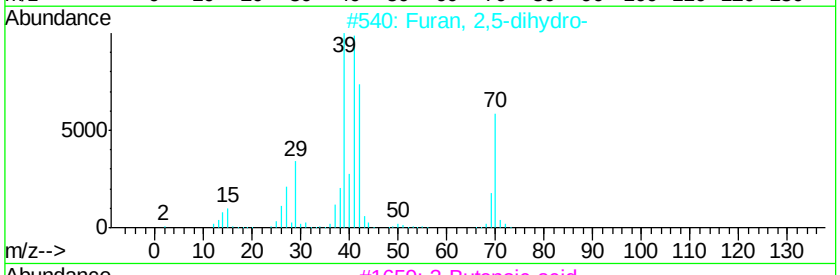
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

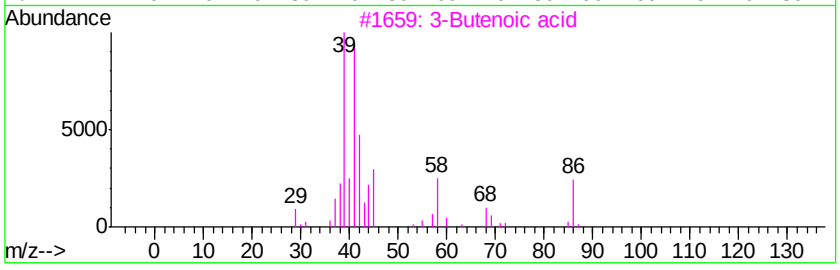
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.56 ug/L	131926	1,4-Difluorobenzene	5.64

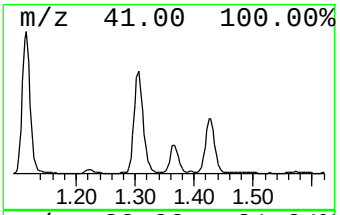
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	56

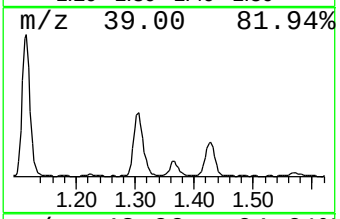


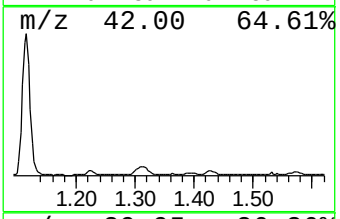


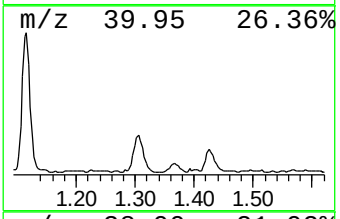


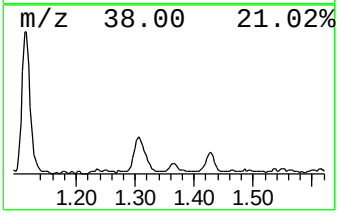












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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

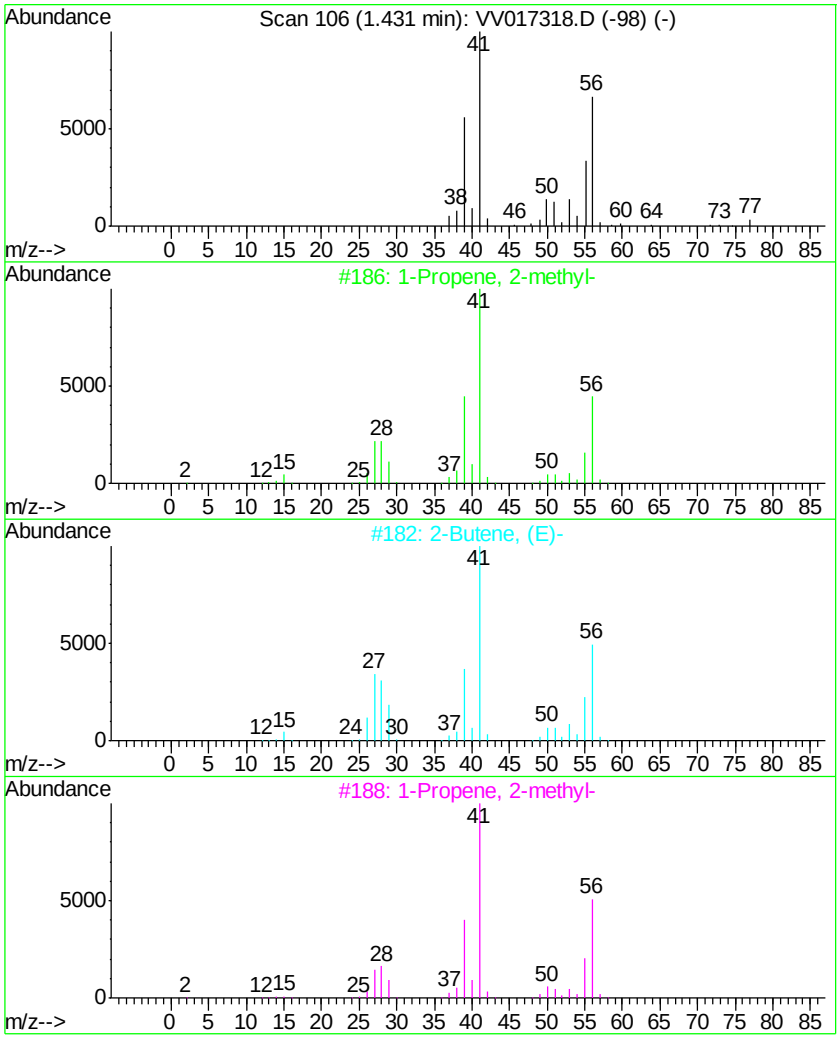
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

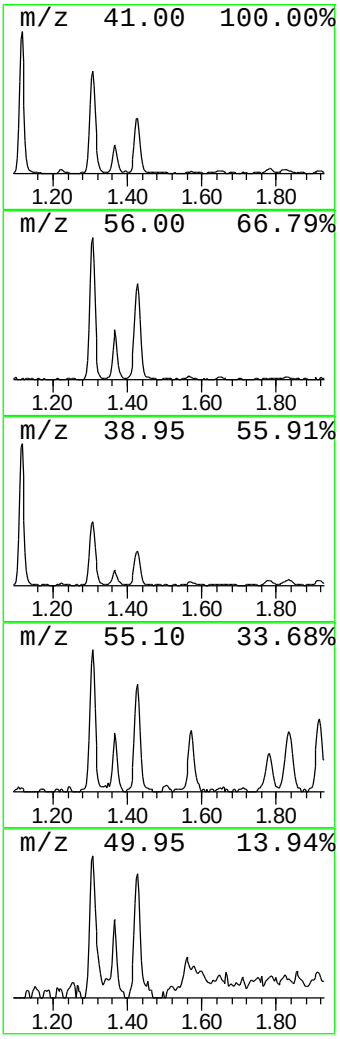
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	0.63 ug/L	53105	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
2	2-Butene, (E)-	56	C4H8	000624-64-6	64
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	64
4	2-Butene, (Z)-	56	C4H8	000590-18-1	64
5	2-Butene	56	C4H8	000107-01-7	58





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Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

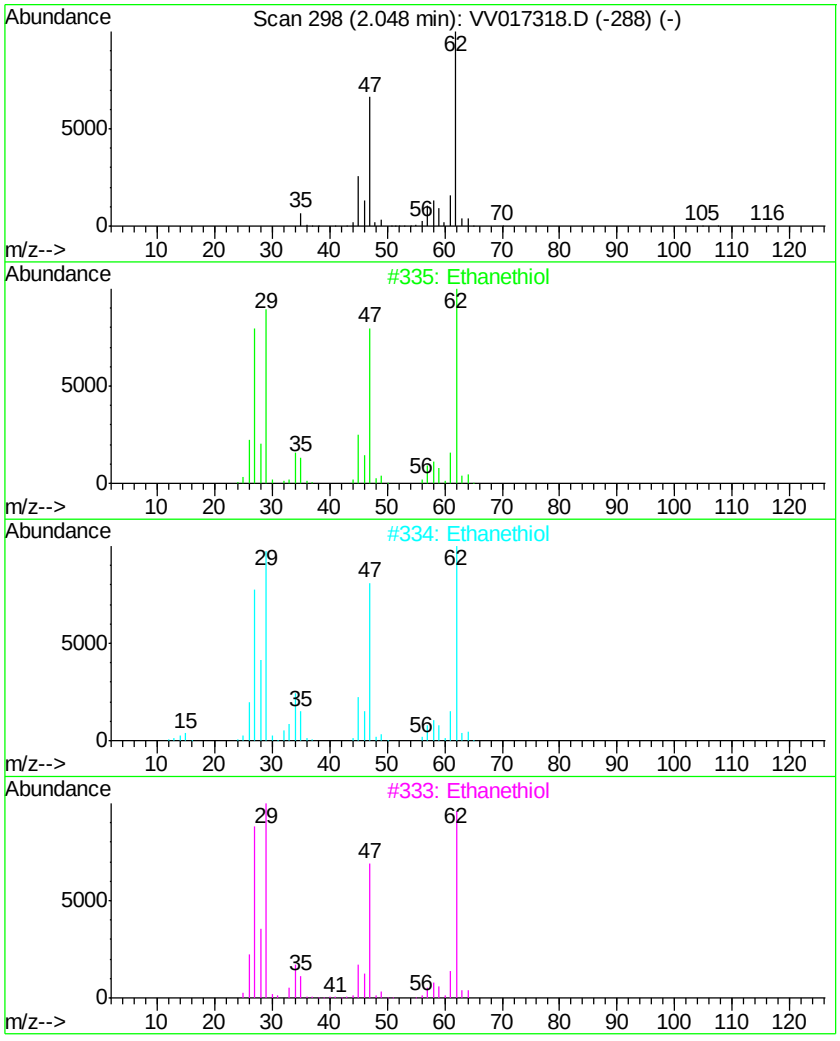
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

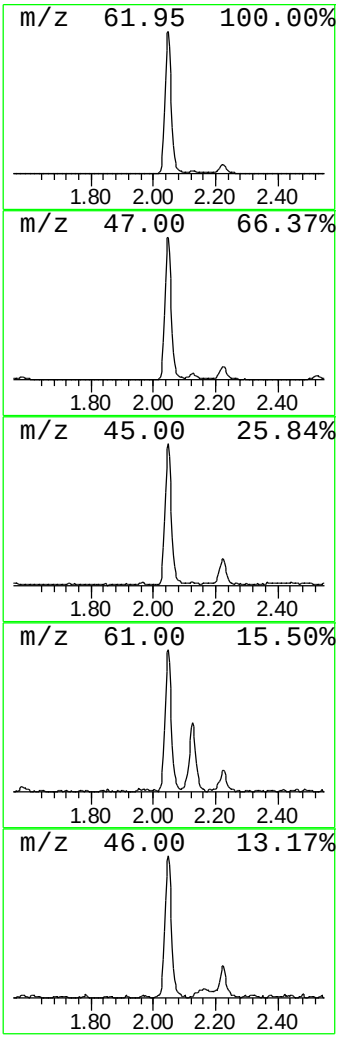
****

Peak Number 3 Ethanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.05	4.12 ug/L	348813	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	91
2	Ethanethiol	62	C2H6S	000075-08-1	91
3	Ethanethiol	62	C2H6S	000075-08-1	91
4	Ethanethiol	62	C2H6S	000075-08-1	91
5	Ethanethiol	62	C2H6S	000075-08-1	91





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ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

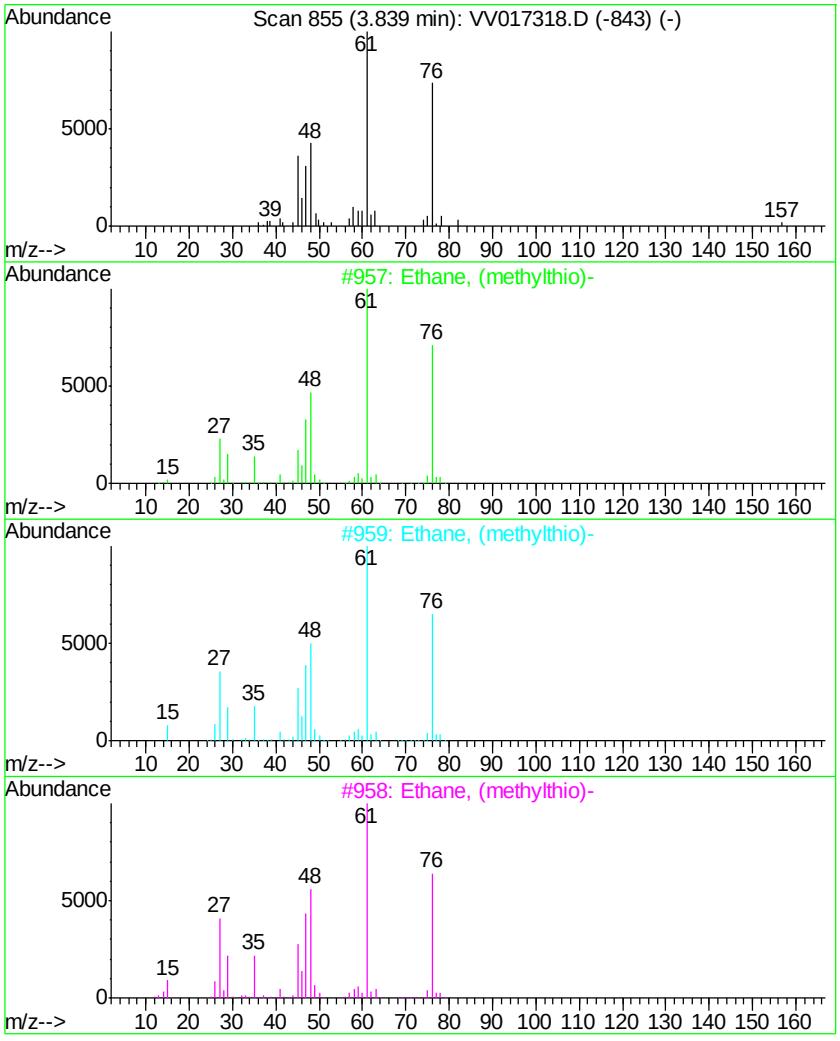
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

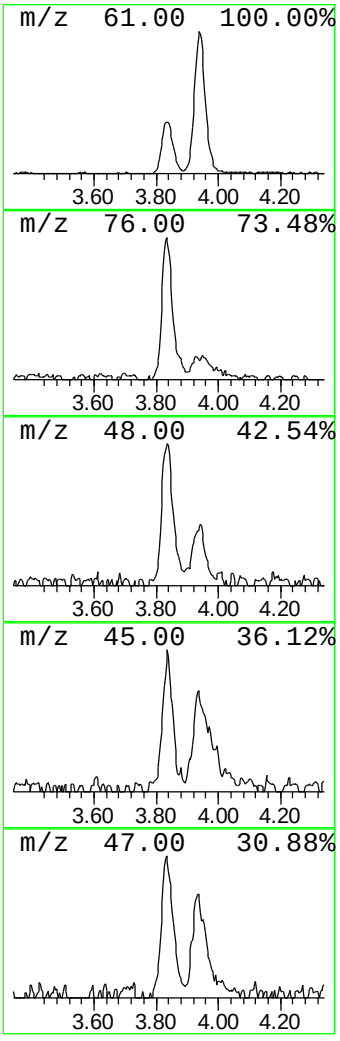
****

Peak Number 4 Ethane, (methylthio)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	0.72 ug/L	61009	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	90
4	Trimethylphosphine	76	C3H9P	000594-09-2	87
5	Trimethylphosphine	76	C3H9P	000594-09-2	72





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ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

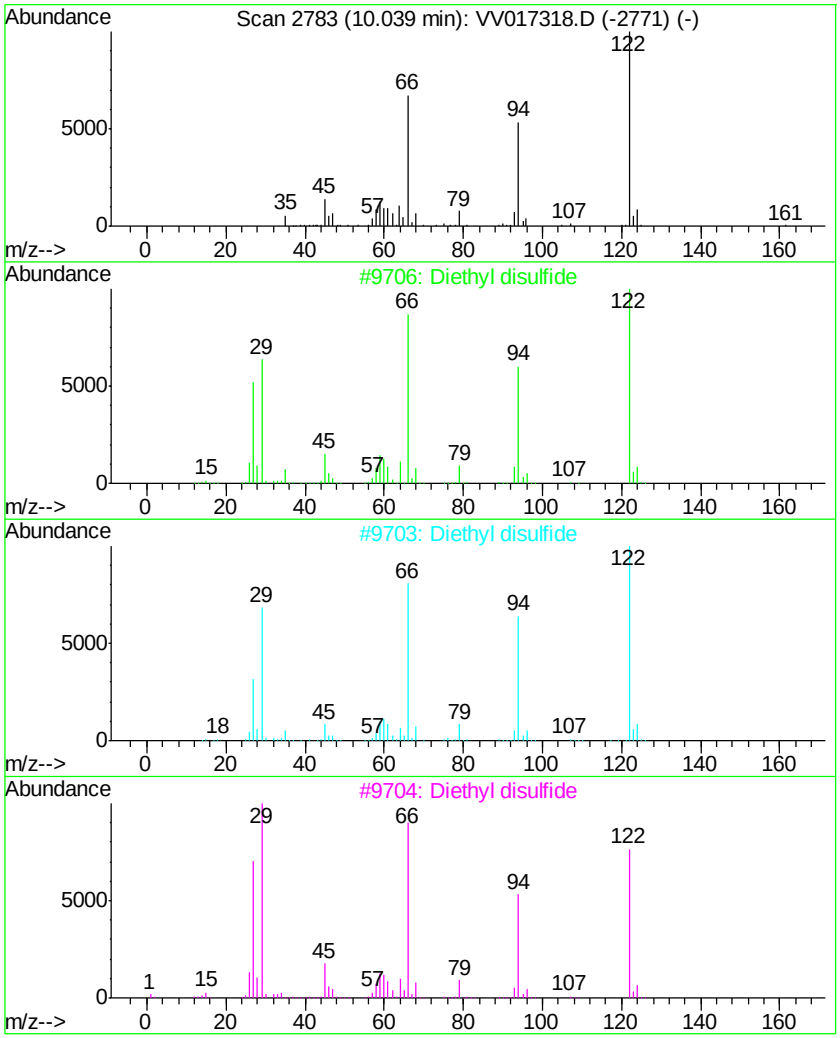
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

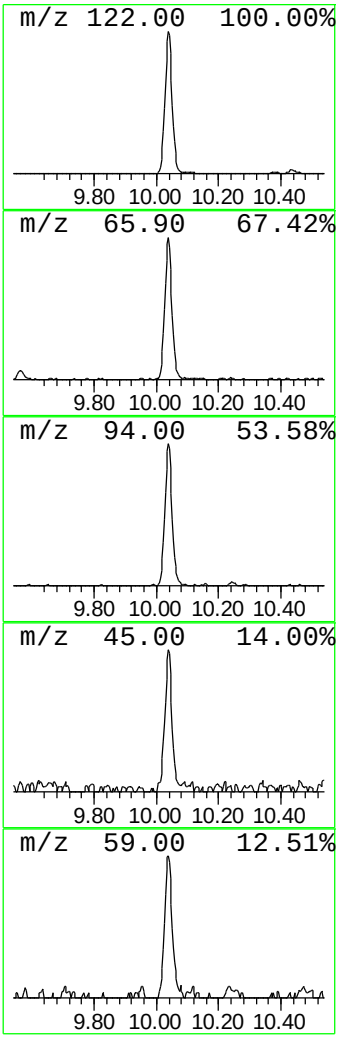
****

Peak Number 6 Diethyl disulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	1.53 ug/L	161439	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl disulfide	122	C4H10S2	000110-81-6	97
2	Diethyl disulfide	122	C4H10S2	000110-81-6	95
3	Diethyl disulfide	122	C4H10S2	000110-81-6	80
4	Disulfide, ethyl 2-methylpropyl	150	C6H14S2	040136-66-1	64
5	Disulfide, ethyl 1-methylethyl	136	C5H12S2	053966-36-2	38





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Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

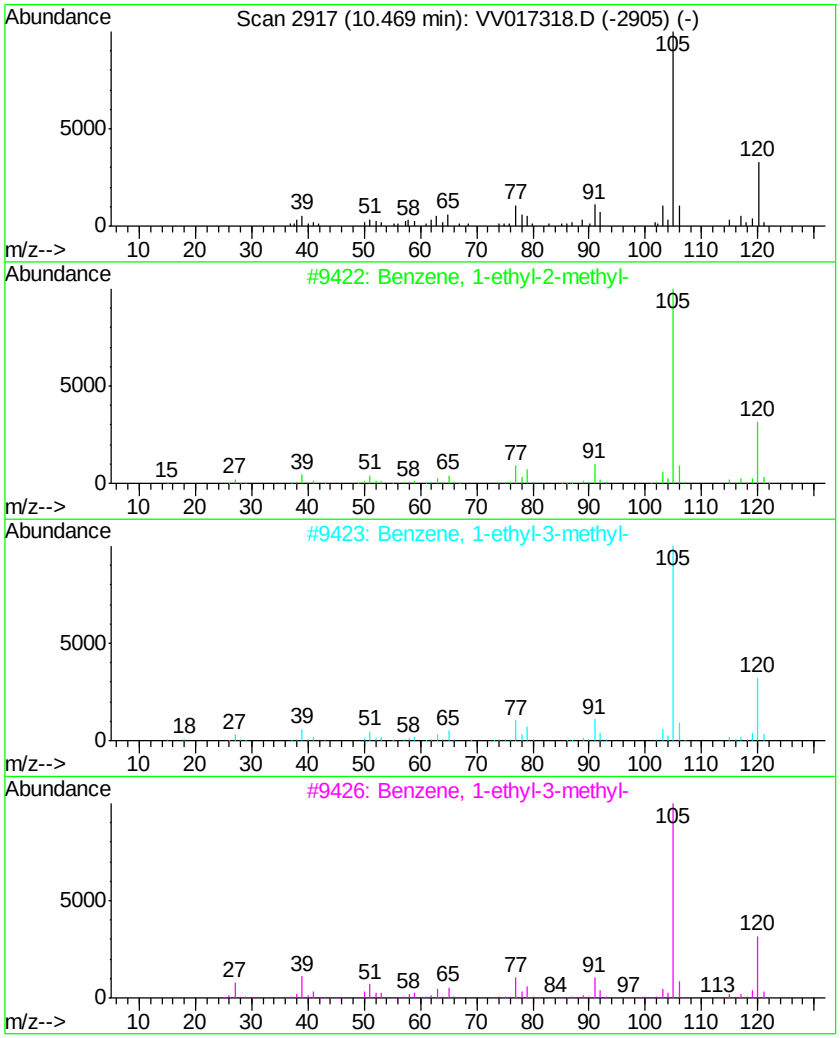
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

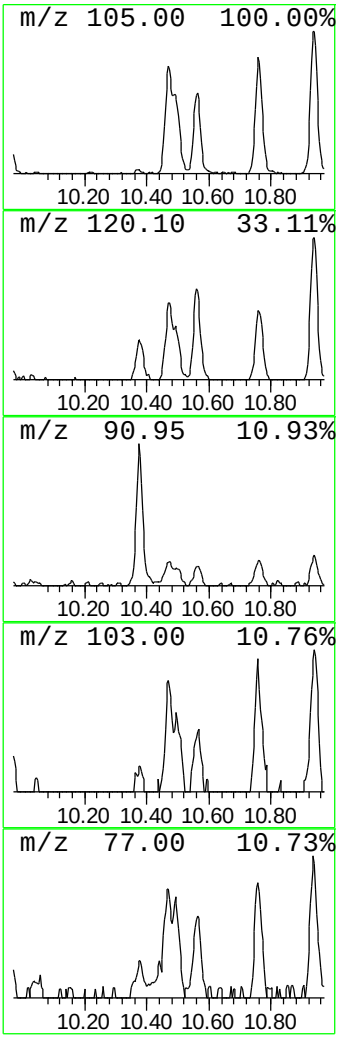
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	0.62 ug/L	67608	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

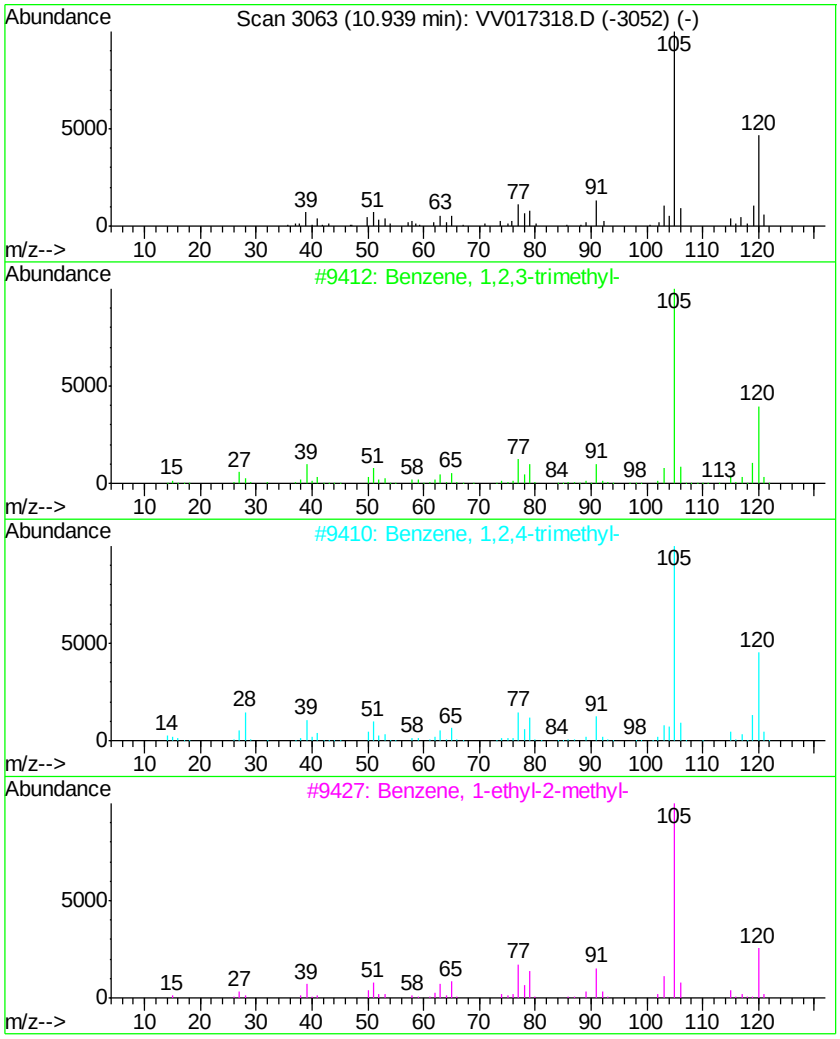
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

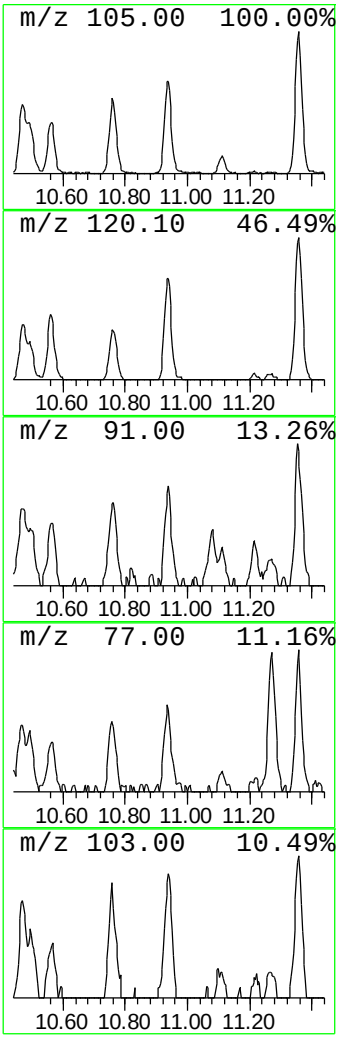
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	0.57 ug/L	62491	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	96
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

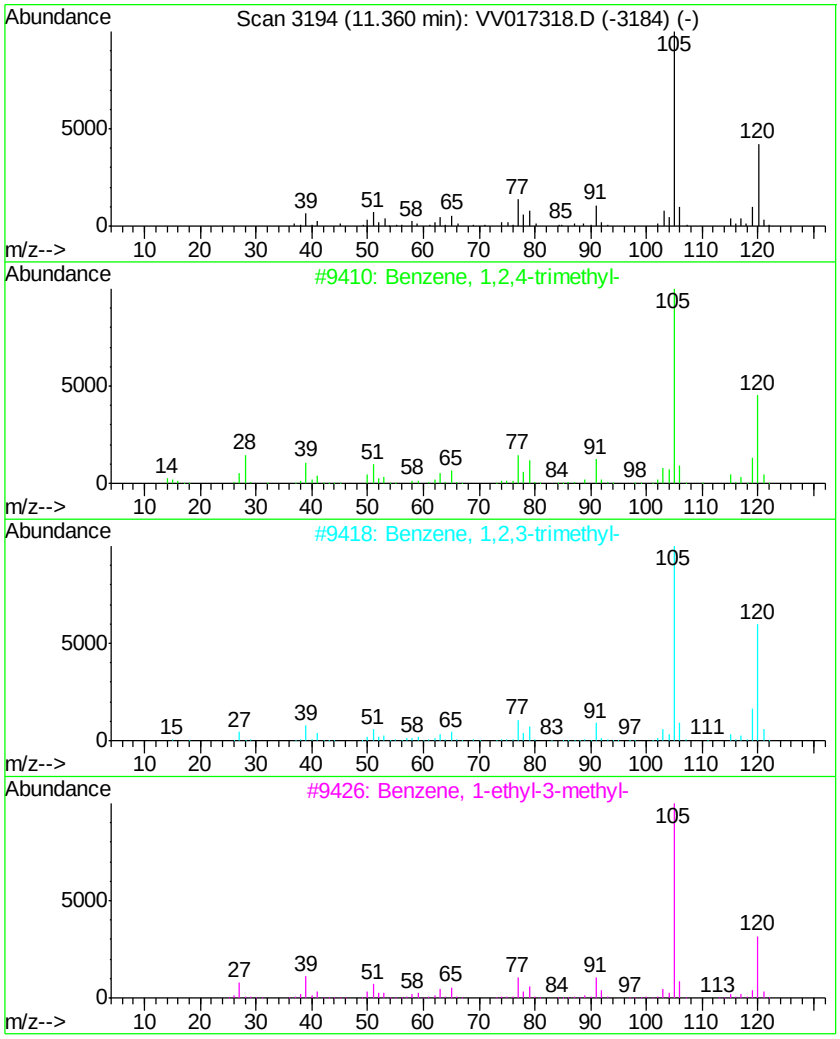
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

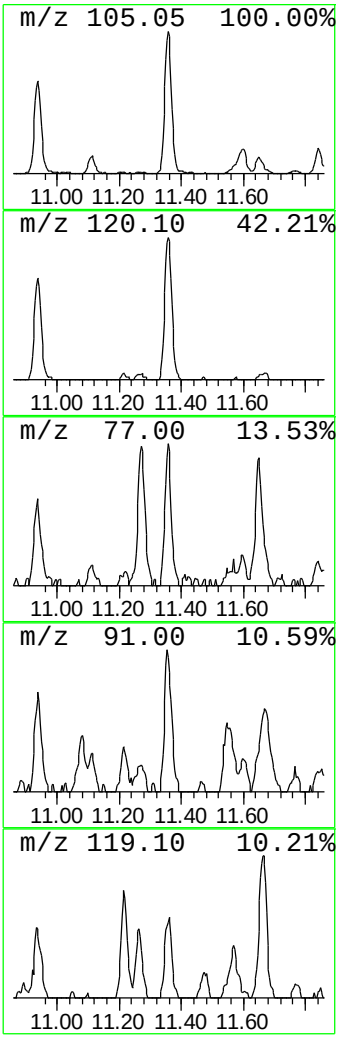
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	0.84 ug/L	91815	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

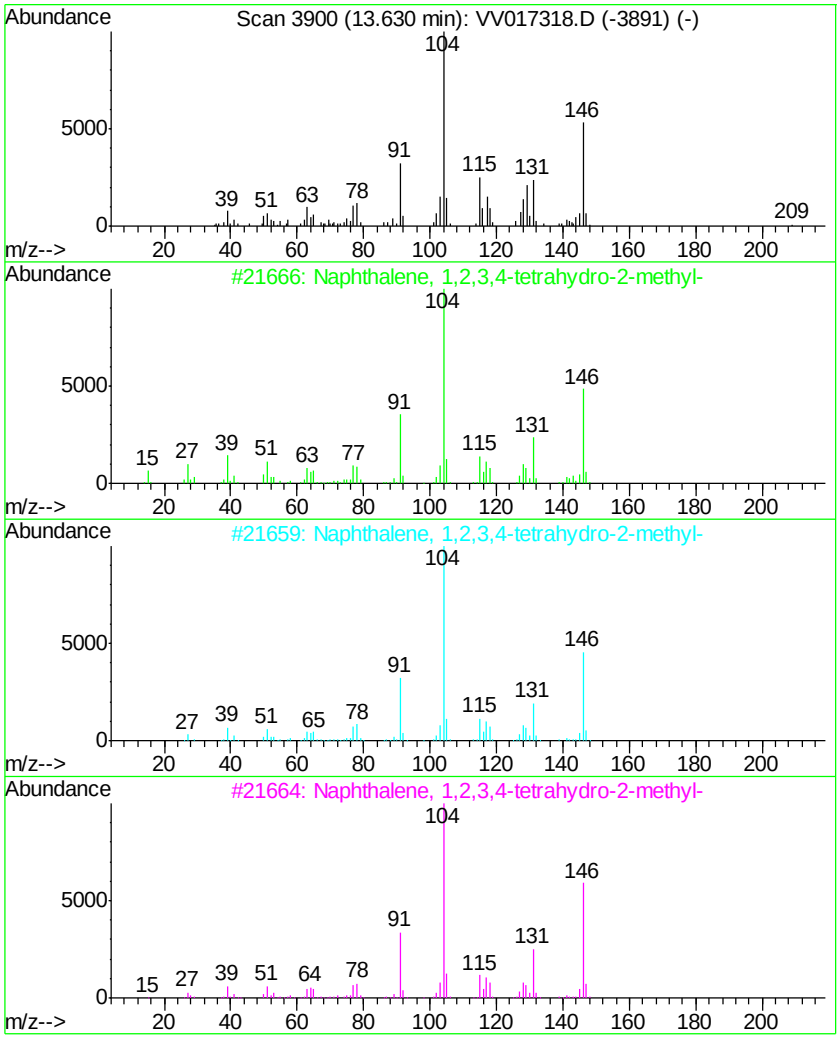
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

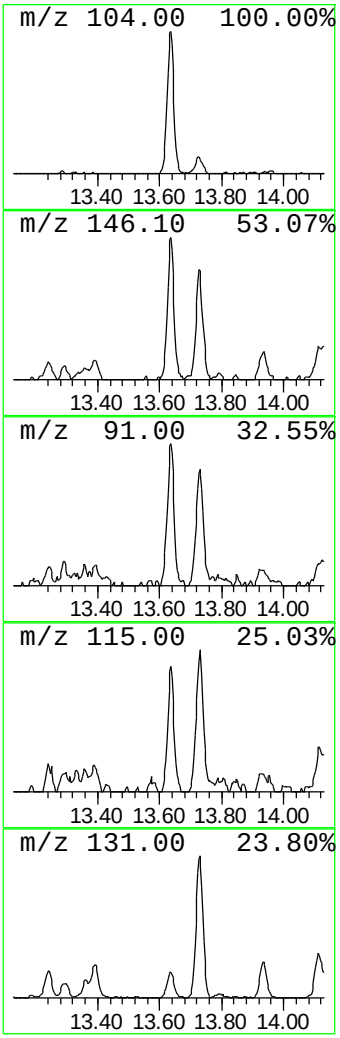
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	0.85 ug/L	92747	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	68
5	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

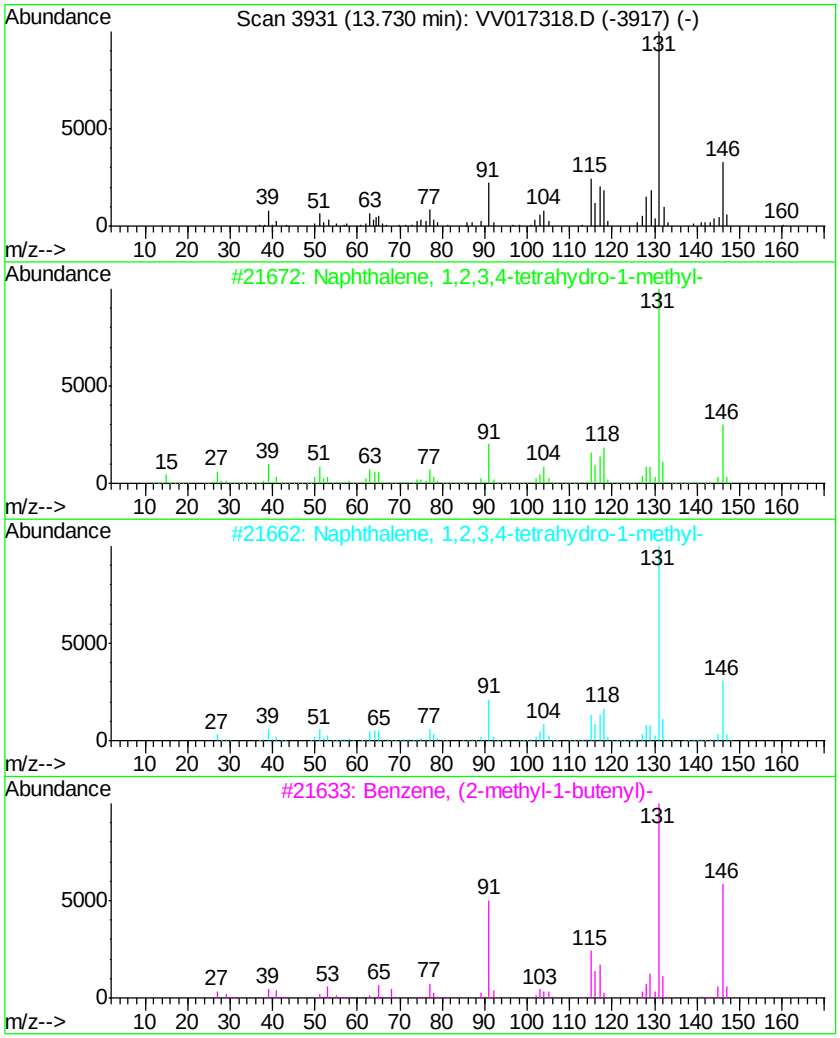
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

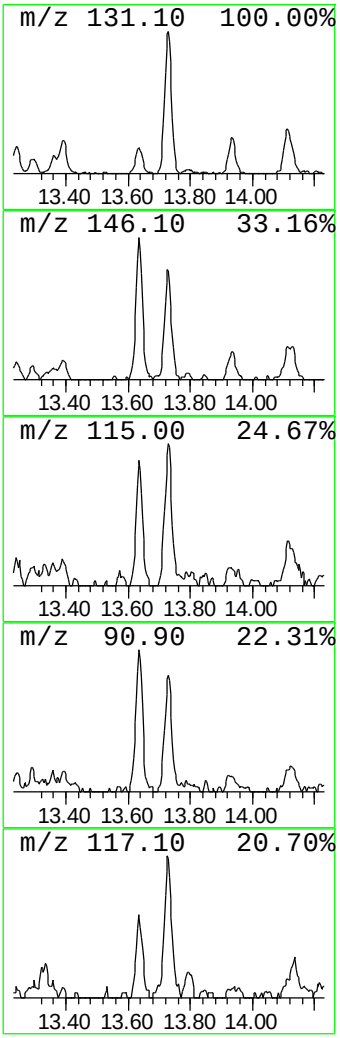
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	0.99 ug/L	107873	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90





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Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

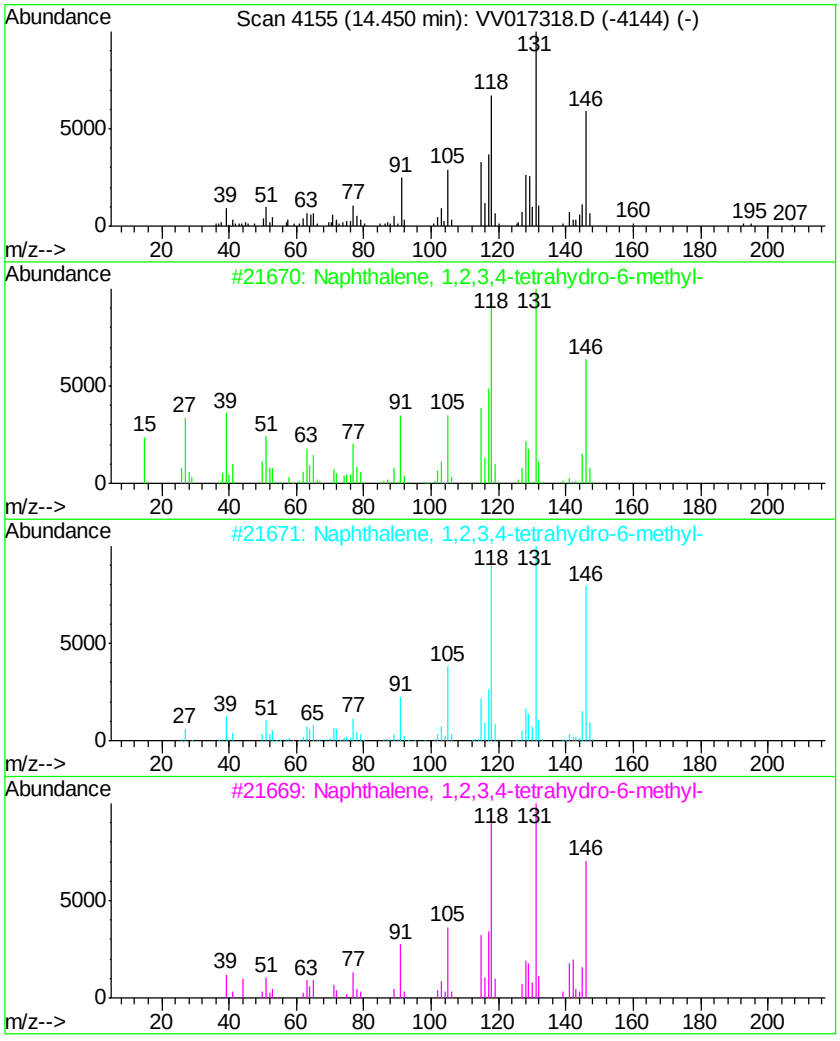
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

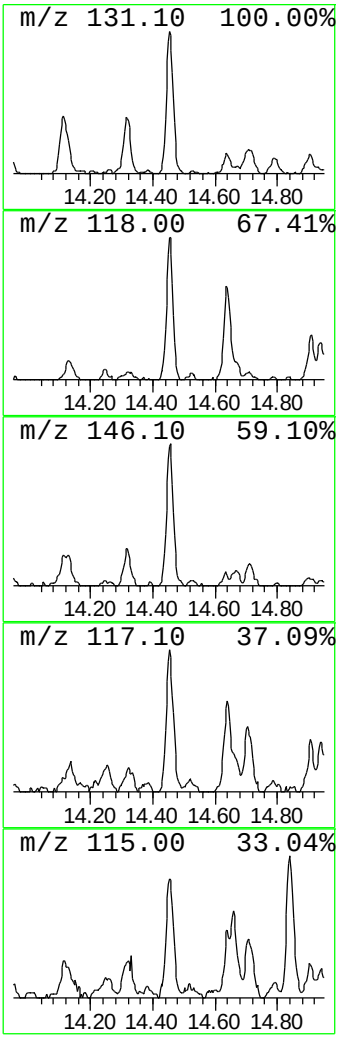
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	1.12 ug/L	121665	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87





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Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

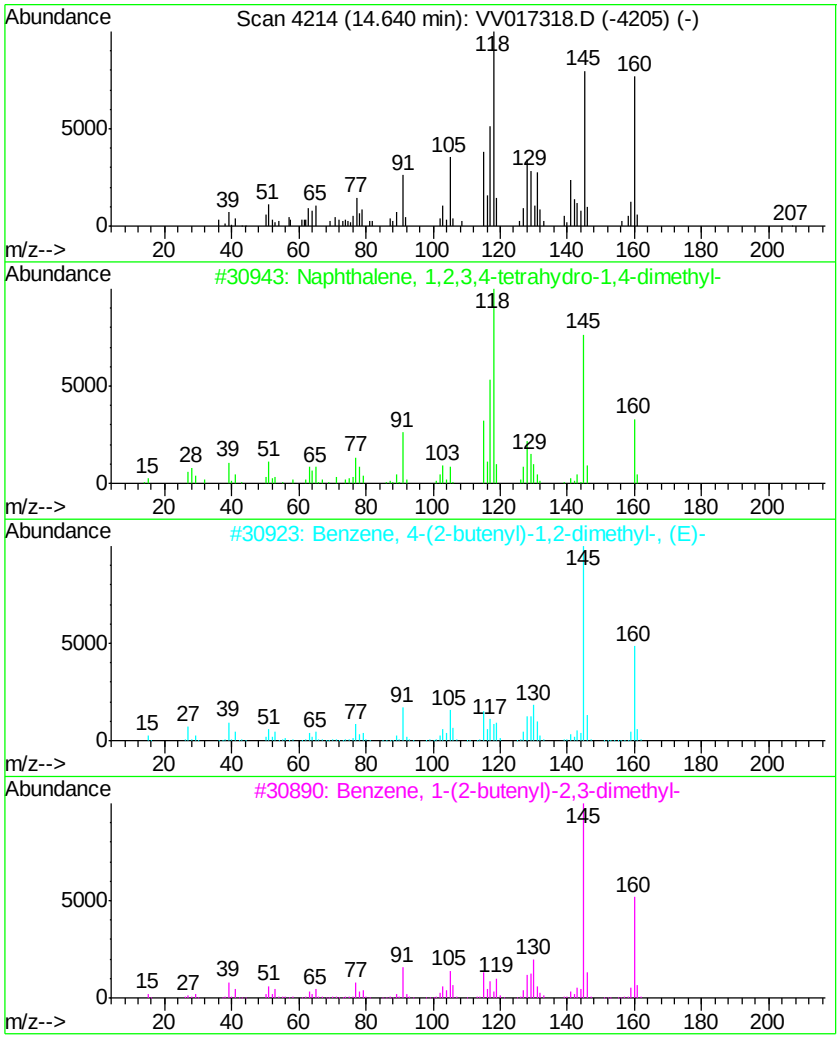
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

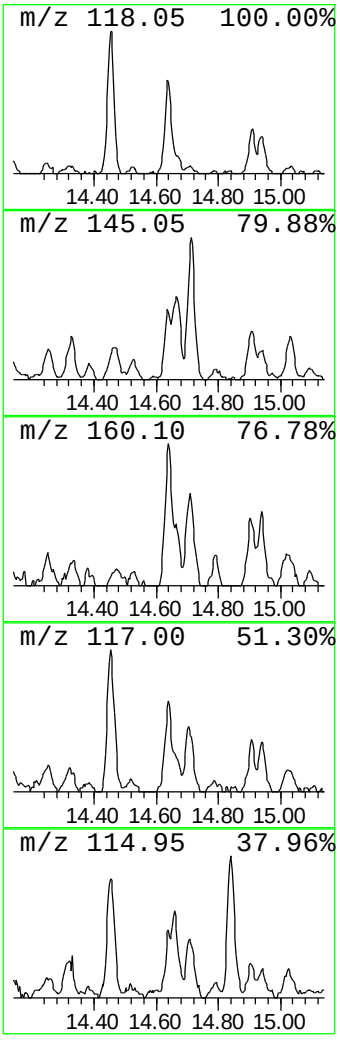
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	0.63 ug/L	69220	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	68
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
5	Oct-3-ene-1,5-diyne, 3-isopropyl...	160	C12H16	1000211-23-1	50





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Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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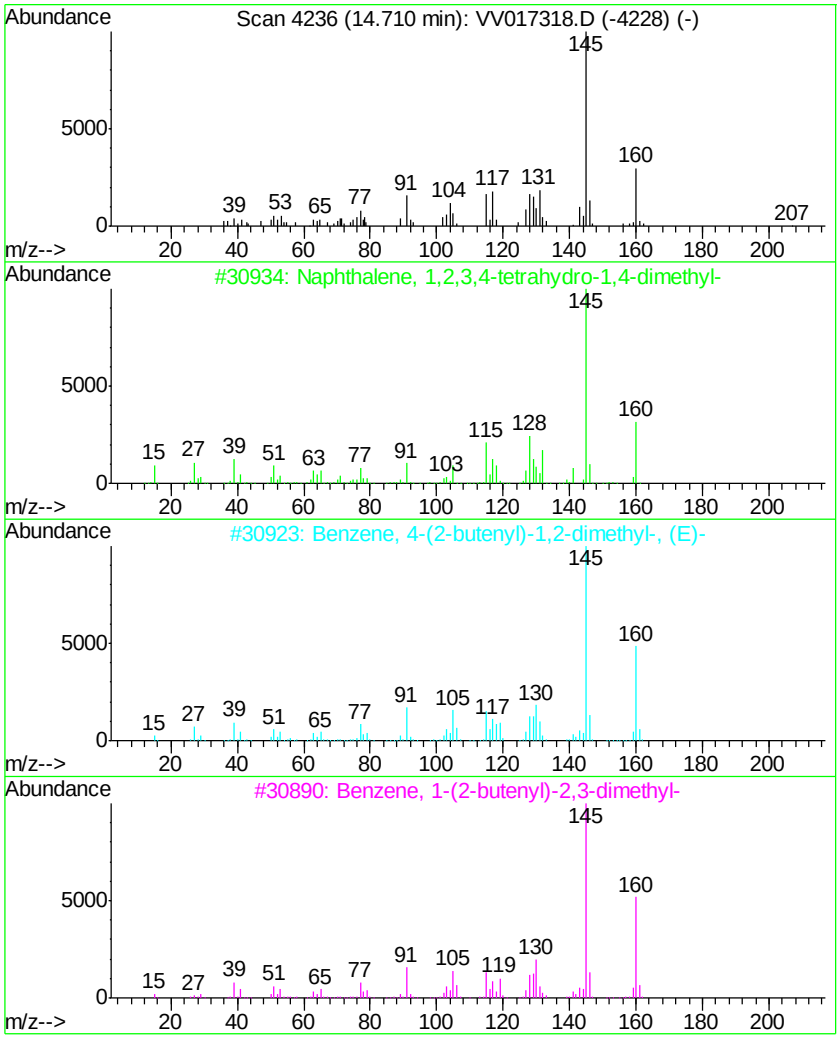
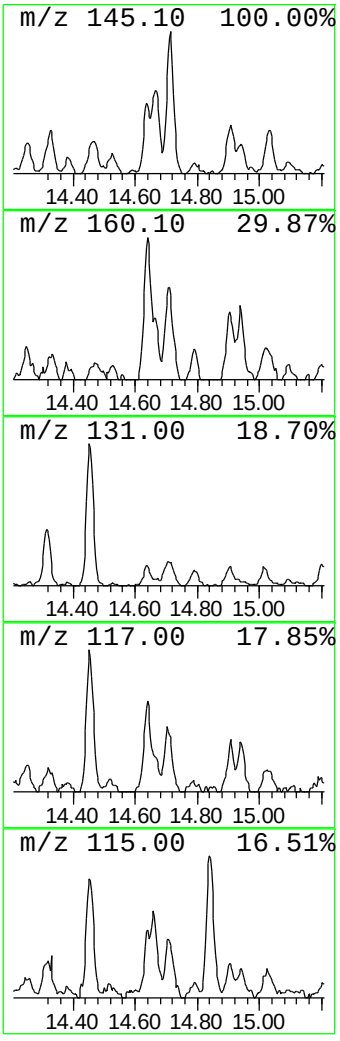
Peak Number 14 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	0.65 ug/L	70607	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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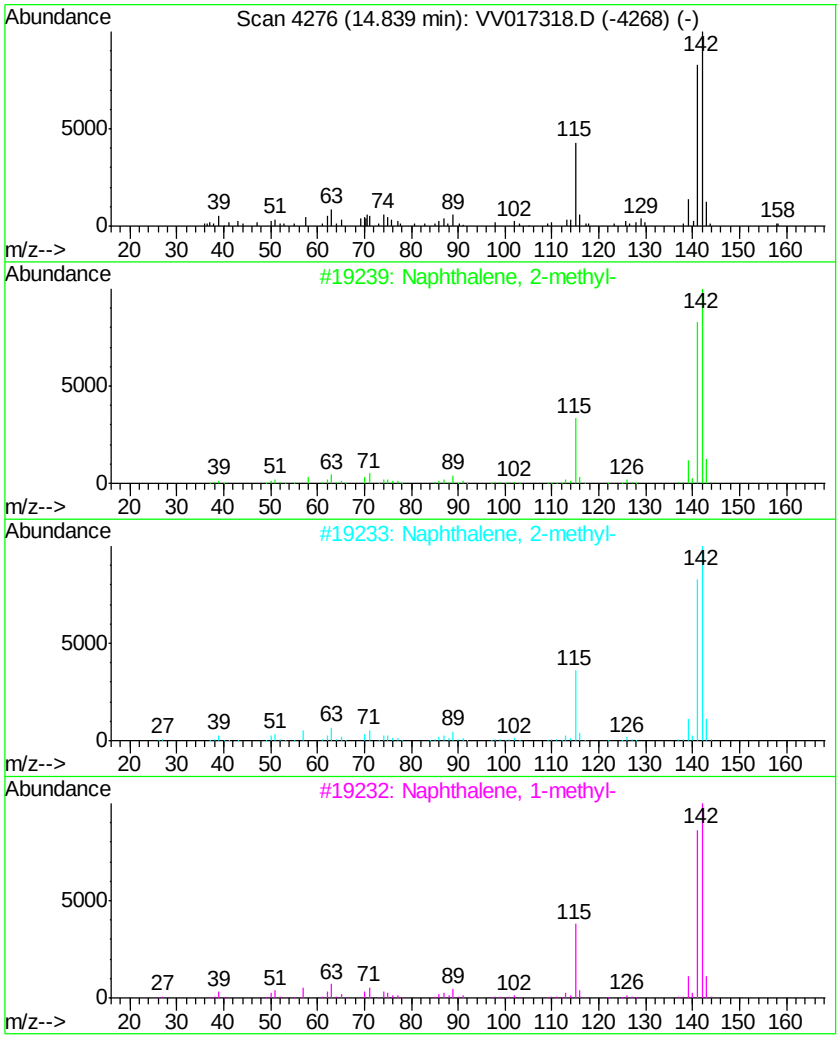
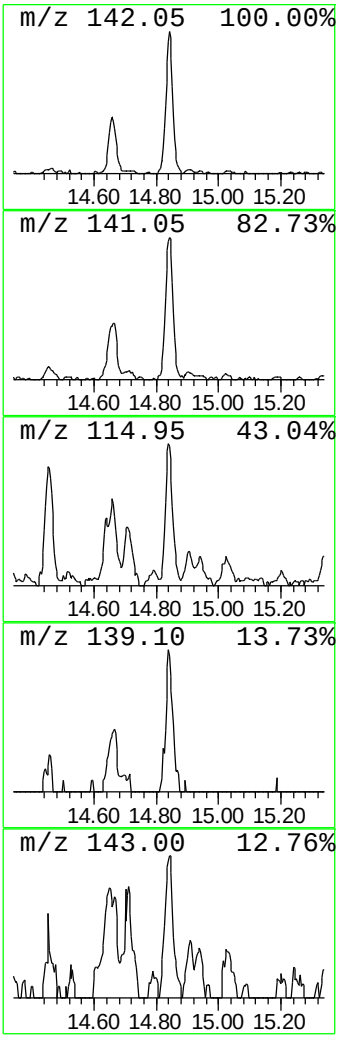
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	0.58 ug/L	63257	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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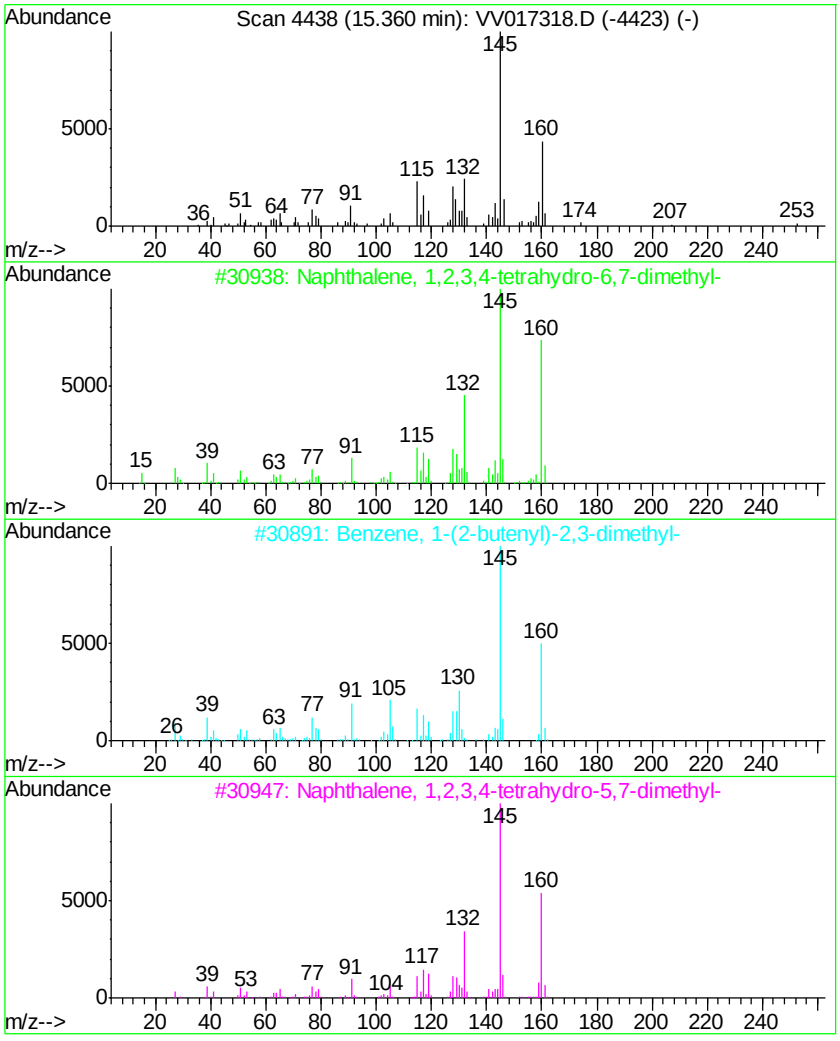
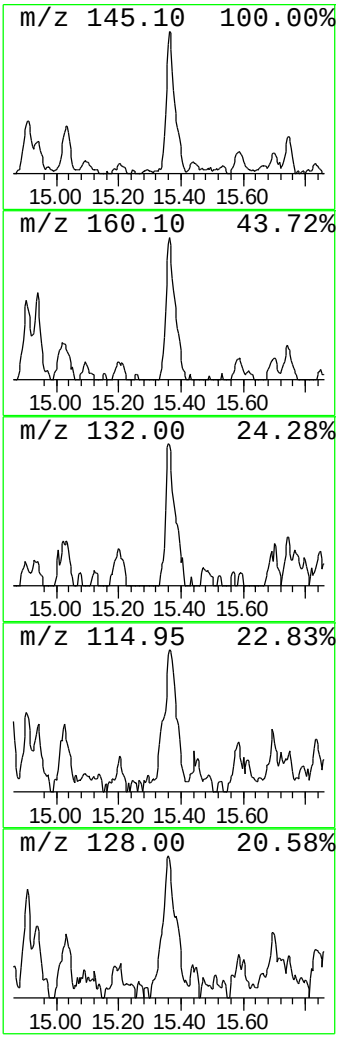
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	0.61 ug/L	66486	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017318.D
Acq On : 02 Jul 2020 20:13
Operator : SY/MD
Sample : L3154-03DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.12	1.6	ug/L	131926	1	5.64	423770	5.0
(DEL) Alkane: Str...	1.43	0.6	ug/L	53105	1	5.64	423770	5.0
Ethanethiol	2.05	4.1	ug/L	348813	1	5.64	423770	5.0
Ethane, (methylth...	3.84	0.7	ug/L	61009	1	5.64	423770	5.0
Diethyl disulfide	10.04	1.5	ug/L	161439	2	8.87	528548	5.0
Benzene, 1-ethyl-...	10.47	0.6	ug/L	67608	3	11.27	545482	5.0
Benzene, 1,2,3-tr...	10.94	0.6	ug/L	62491	3	11.27	545482	5.0
Benzene, 1,2,4-tr...	11.36	0.8	ug/L	91815	3	11.27	545482	5.0
Naphthalene, 1,2,...	13.63	0.8	ug/L	92747	3	11.27	545482	5.0
Naphthalene, 1,2,...	13.73	1.0	ug/L	107873	3	11.27	545482	5.0
Naphthalene, 1,2,...	14.45	1.1	ug/L	121665	3	11.27	545482	5.0
Naphthalene, 1,2,...	14.64	0.6	ug/L	69220	3	11.27	545482	5.0
1H-Indene, 2,3-di...	14.71	0.7	ug/L	70607	3	11.27	545482	5.0
Naphthalene, 1-me...	14.84	0.6	ug/L	63257	3	11.27	545482	5.0
Naphthalene, 1,2,...	15.36	0.6	ug/L	66486	3	11.27	545482	5.0