LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
Data File : VD067765.D
Acq On : 24 Nov 2020 13:25
Operator : VA/SY
Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_D\METHOD\82D112320S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.950	3	5	21	rVB2	72317	86362	6.30%	0.690%
2	2.320	60	68	70	rBV2	14639	22560	1.65%	0.180%
3	2.350	70	73	78	rVB	17780	24389	1.78%	0.195%
4	2.497	93	98	105	rVB2	7737	13990	1.02%	0.112%
5	4.250	388	396	402	rVB5	6126	16567	1.21%	0.132%
6	4.414	416	424	431	rBV2	6064	17333	1.26%	0.139%
7	7.920	1010	1020	1025	rBV2	152148	362389	26.45%	2.897%
8	7.985	1025	1031	1042	rVB	269696	612299	44.69%	4.894%
9	8.349	1076	1093	1105	rBV4	391827	1042122	76.05%	8.330%
10	8.867	1173	1181	1192	rBV	367560	744685	54.35%	5.952%
11	10.149	1394	1399	1406	rVB4	11013	20839	1.52%	0.167%
12	10.343	1423	1432	1438	rBV	565963	1036257	75.63%	8.283%
13	10.408	1438	1443	1456	rVV	461517	833811	60.85%	6.665%
14	11.126	1554	1565	1577	rBV2	90391	181439	13.24%	1.450%
15	11.520	1625	1632	1639	rVB2	7948	13843	1.01%	0.111%
16	11.649	1646	1654	1665	rBV	642783	1096648	80.03%	8.766%
17	11.749	1665	1671	1679	rVB	34901	64825	4.73%	0.518%
18	11.855	1681	1689	1700	rVB	169788	323167	23.58%	2.583%
19	12.190	1739	1746	1761	rBV4	120644	262715	19.17%	2.100%
20	12.637	1815	1822	1828	rBV	575311	935508	68.27%	7.478%
21	12.884	1859	1864	1868	rBV2	16427	28715	2.10%	0.230%
22	12.961	1873	1877	1884	rVB3	26635	40511	2.96%	0.324%
23	13.137	1892	1907	1911	rBV9	18082	45279	3.30%	0.362%
24	13.184	1911	1915	1919	rBV4	13823	18547	1.35%	0.148%
25	13.273	1925	1930	1935	rBV2	41916	63941	4.67%	0.511%
26	13.320	1935	1938	1942	rVB3	16738	22208	1.62%	0.178%
27	13.467	1955	1963	1965	rBV6	21802	39858	2.91%	0.319%
28	13.502	1965	1969	1974	rVV5	27086	55646	4.06%	0.445%
29	13.579	1974	1982	1991	rVV	802942	1352305	98.69%	10.809%
30	13.649	1991	1994	2002	rVB9	23597	51591	3.77%	0.412%
31	13.773	2013	2015	2021	rVB6	11363	18141	1.32%	0.145%
32	13.902	2031	2037	2041	rBV6	58975	104157	7.60%	0.833%
33	13.961	2041	2047	2052	rVV	243289	412898	30.13%	3.300%
34	14.226	2087	2092	2096	rBV8	11809	20785	1.52%	0.166%

LSC Area Percent Report

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Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_D\METHOD\82D112320S.M
Title : SW846 8260

35	14.290	2100	2103	2106	rVV4	12797	17351	1.27%	0.139%
36	14.343	2109	2112	2116	rBV5	16262	28398	2.07%	0.227%
37	14.408	2118	2123	2129	rVB7	51609	97001	7.08%	0.775%
38	14.525	2139	2143	2146	rBV5	11965	16341	1.19%	0.131%
39	14.573	2146	2151	2156	rVB7	25898	52479	3.83%	0.419%
40	14.626	2157	2160	2166	rVB8	13103	21300	1.55%	0.170%
41	14.755	2177	2182	2188	rVV8	16108	26160	1.91%	0.209%
42	14.825	2189	2194	2200	rVV7	14361	33405	2.44%	0.267%
43	14.896	2200	2206	2211	rVB7	26525	59315	4.33%	0.474%
44	14.984	2211	2221	2227	rBV5	22604	51745	3.78%	0.414%
45	15.402	2280	2292	2303	rBV	722021	1370247	100.00%	10.953%
46	15.502	2303	2309	2316	rVV2	30159	64945	4.74%	0.519%
47	15.596	2320	2325	2333	rVB4	32037	57704	4.21%	0.461%
48	16.202	2423	2428	2432	rBV7	6316	14025	1.02%	0.112%
49	16.343	2449	2452	2459	rVB6	13285	25065	1.83%	0.200%
50	16.431	2459	2467	2471	rBV8	8172	22038	1.61%	0.176%
51	16.496	2471	2478	2485	rVV	130637	298605	21.79%	2.387%
52	16.561	2485	2489	2494	rVB3	39606	73109	5.34%	0.584%
53	16.708	2504	2514	2523	rBV	81090	194916	14.22%	1.558%

Sum of corrected areas: 12510479

LSC Report - Integrated Chromatogram

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Data File : VD067765.D
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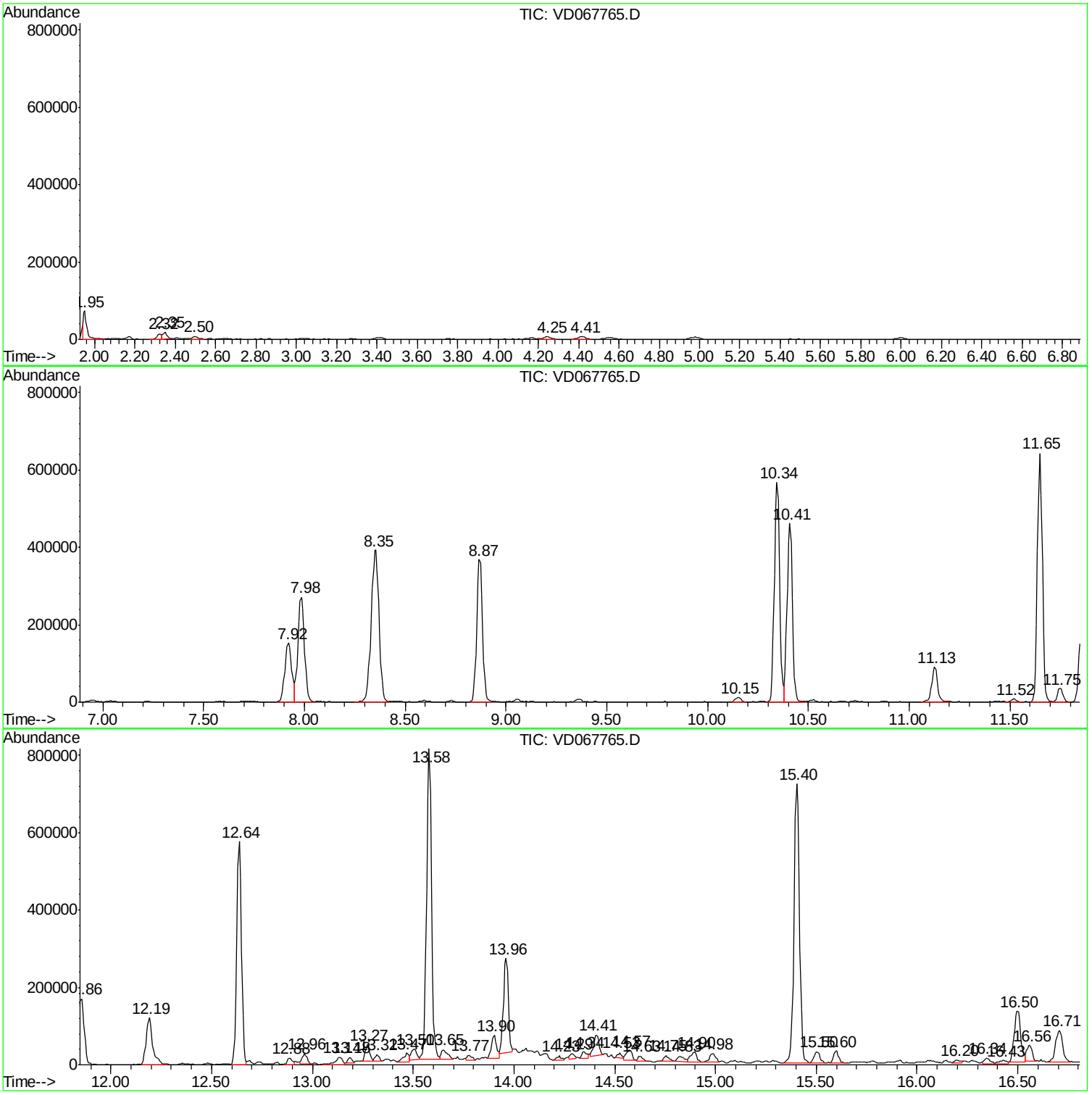
Operator : VA/SY
Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
Data File : VD067765.D
Acq On : 24 Nov 2020 13:25
Operator : VA/SY
Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260

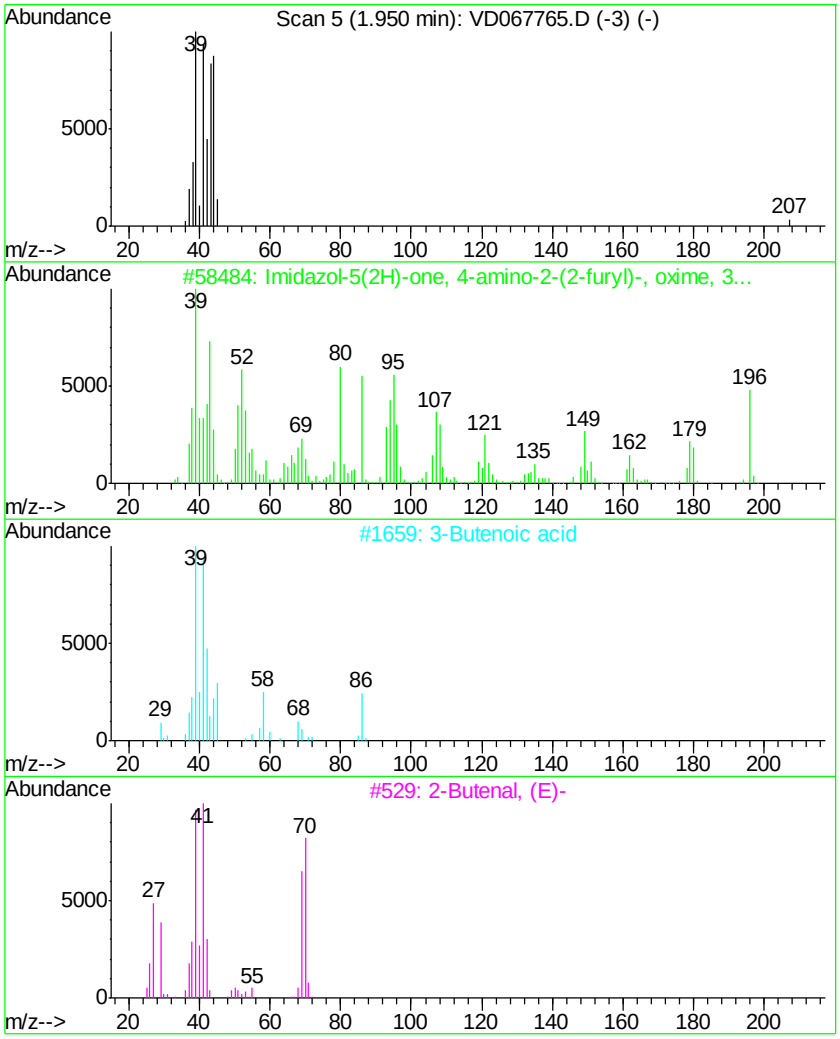
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

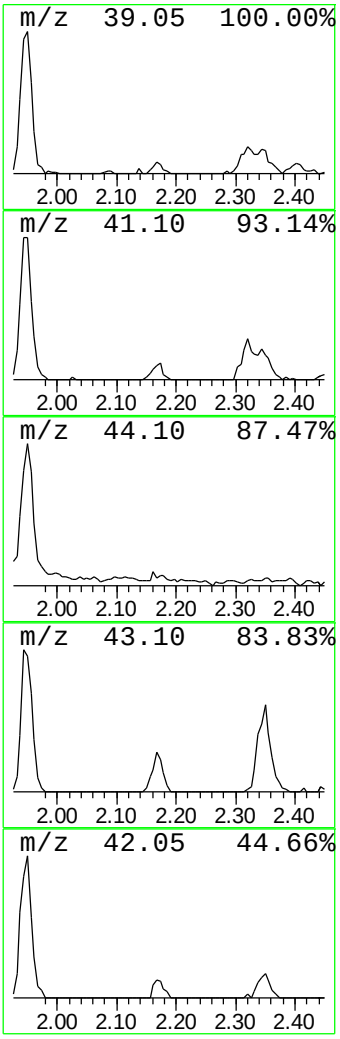
****

Peak Number 1 Imidazol-5(2H)-one, 4-amino... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	7.05 ug/l	86362	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazol-5(2H)-one, 4-amino-2-(2...	196	C7H8N4O3	318259-17-5	50
2	3-Butenoic acid	86	C4H6O2	000625-38-7	40
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	39
4	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	39
5	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	39





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
Data File : VD067765.D
Acq On : 24 Nov 2020 13:25
Operator : VA/SY
Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260

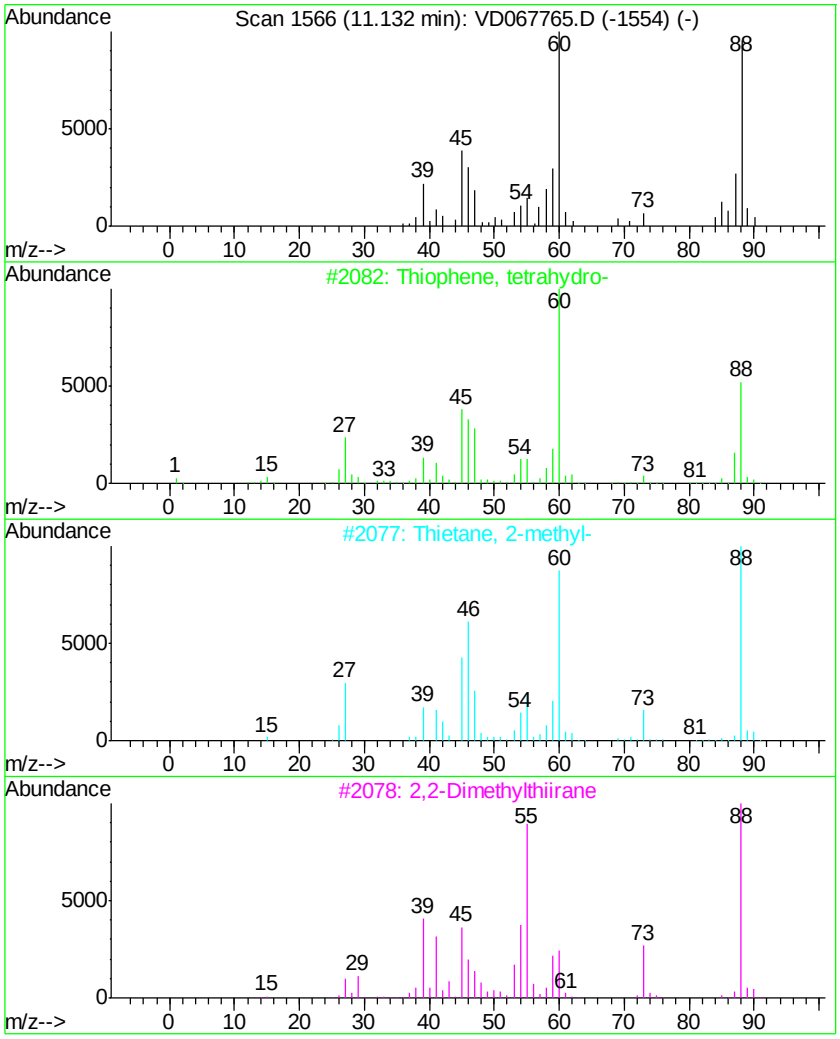
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

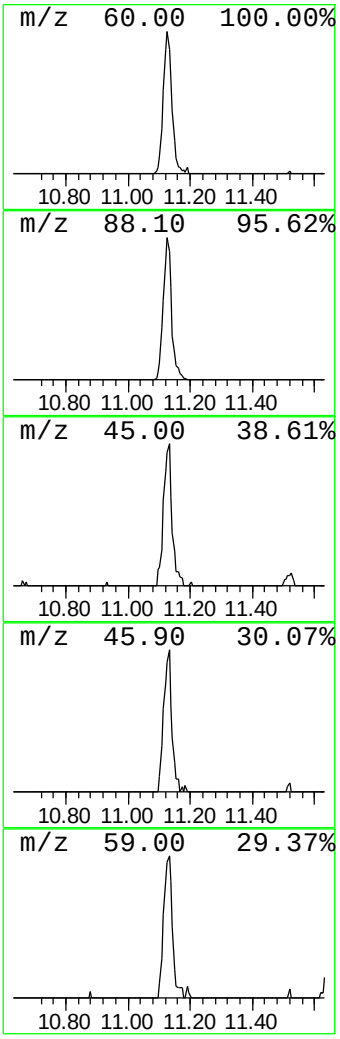
****

Peak Number 2 Thiophene, tetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	8.27 ug/l	181439	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	94
2	Thietane, 2-methyl-	88	C4H8S	017837-41-1	70
3	2,2-Dimethylthiirane	88	C4H8S	003772-13-2	38
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	33
5	Ethylvinyl sulfide	88	C4H8S	000627-50-9	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
Data File : VD067765.D
Acq On : 24 Nov 2020 13:25
Operator : VA/SY
Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260

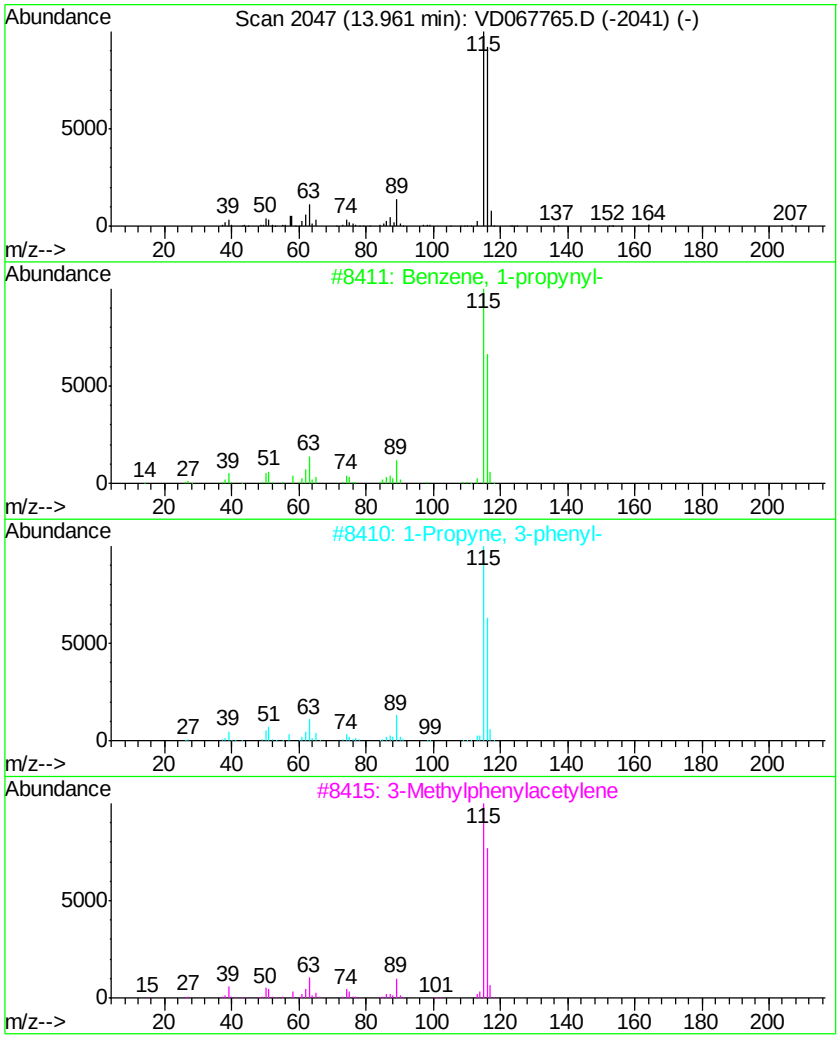
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

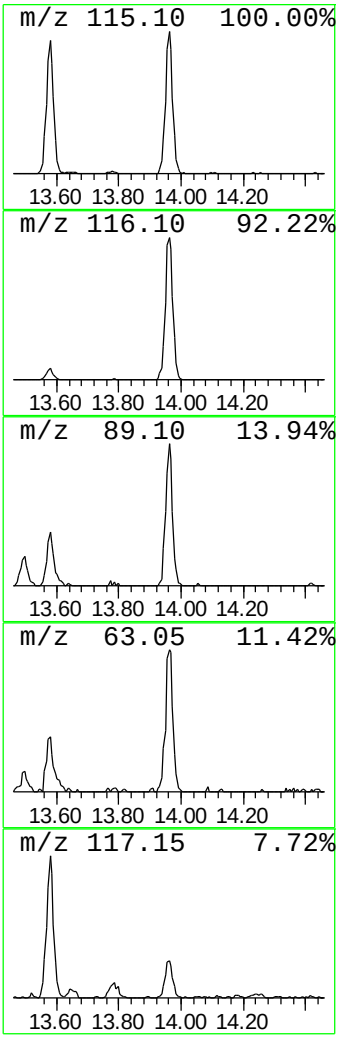
****

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	15.27 ug/l	412898	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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Operator : VA/SY
Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260

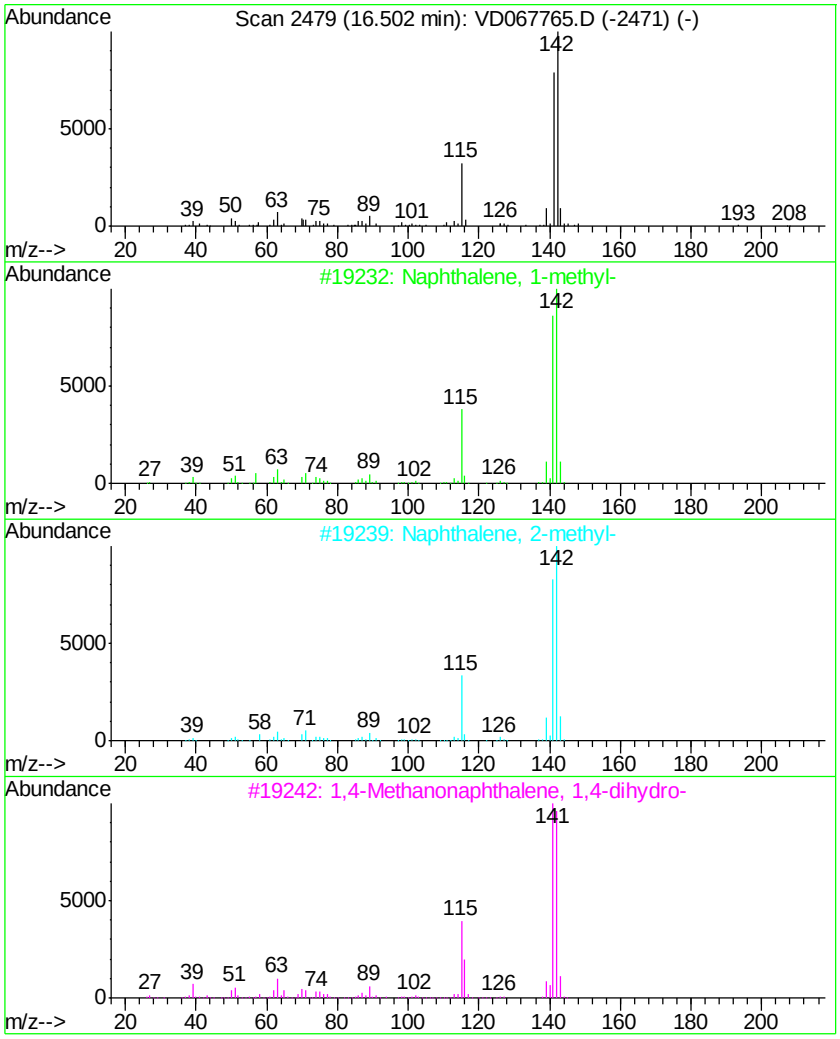
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

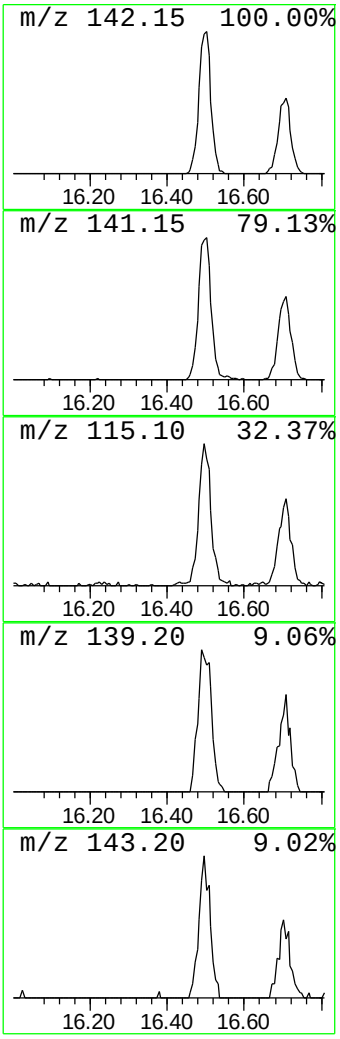
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	11.04 ug/l	298605	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	Spiro(tricyclo[6.2.1.0(2,7)]unde...	186	C13H14O	1000210-02-3	83





Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260

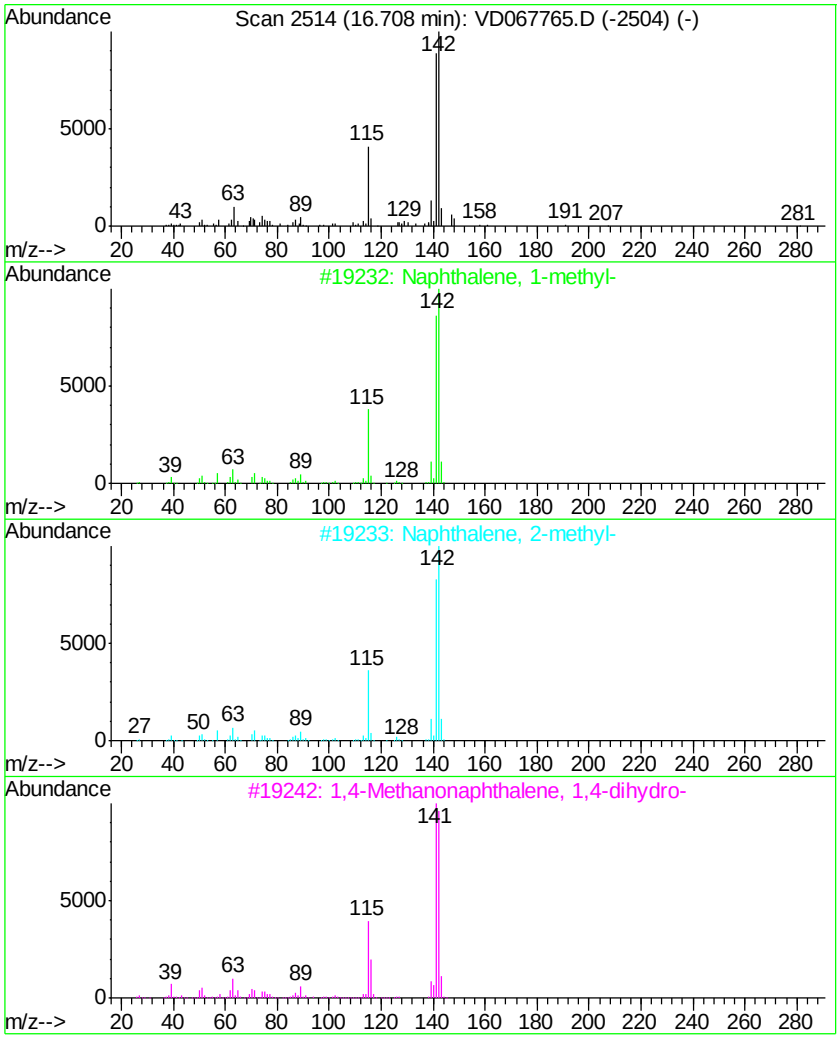
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

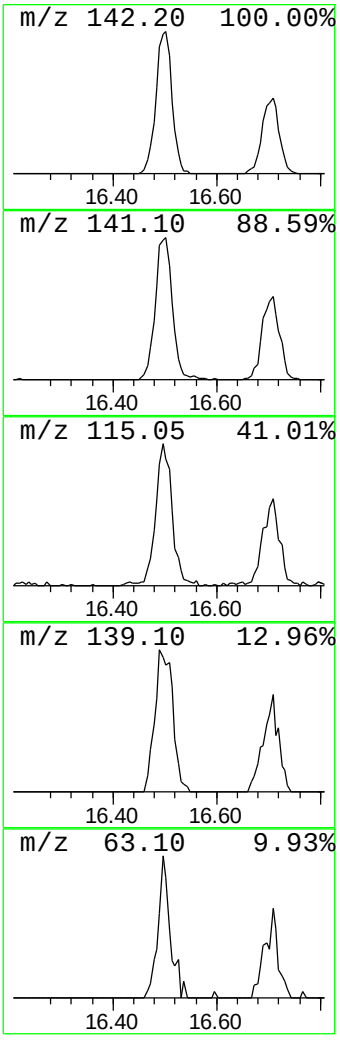
****

Peak Number 5 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	7.21 ug/l	194916	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112420\
Data File : VD067765.D
Acq On : 24 Nov 2020 13:25
Operator : VA/SY
Sample : L4840-01
Misc : 4.23G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 30739

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Imidazol-5(2H)-on...	1.95	7.0	ug/l	86362	1	7.98	612299	50.0
Thiophene, tetrah...	11.13	8.3	ug/l	181439	3	11.65	1096650	50.0
Benzene, 1-propynyl-	13.96	15.3	ug/l	412898	4	13.58	1352310	50.0
Naphthalene, 1-me...	16.50	11.0	ug/l	298605	4	13.58	1352310	50.0
1,4-Methanonaphth...	16.71	7.2	ug/l	194916	4	13.58	1352310	50.0