LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
Acq On : 20 Oct 2021 16:48
Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

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\82D101521S.M
Title : SW846 8260

Signal : TIC: VD070779.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.256	44	57	59	rBV	21247	74326	27.92%	4.825%
2	2.497	96	98	104	rVB3	4394	4504	1.69%	0.292%
3	2.626	117	120	125	rVV4	4133	6453	2.42%	0.419%
4	2.797	146	149	150	rVV	2895	3038	1.14%	0.197%
5	2.832	153	155	158	rVB2	2504	2674	1.00%	0.174%
6	3.079	194	197	201	rVV2	2442	3568	1.34%	0.232%
7	3.532	268	274	275	rBV4	6015	9740	3.66%	0.632%
8	4.144	371	378	386	rVV2	13319	38926	14.62%	2.527%
9	4.408	421	423	429	rVB3	3053	4763	1.79%	0.309%
10	4.961	516	517	523	rVB4	1865	3030	1.14%	0.197%
11	5.397	589	591	594	rVB2	3032	2668	1.00%	0.173%
12	6.408	761	763	765	rVV2	3546	3804	1.43%	0.247%
13	6.914	845	849	851	rVB2	2302	2718	1.02%	0.176%
14	6.955	851	856	858	rBV	2376	3960	1.49%	0.257%
15	7.191	890	896	898	rBV2	5519	8298	3.12%	0.539%
16	7.596	961	965	968	rVB3	2046	3161	1.19%	0.205%
17	7.902	1012	1017	1020	rVV3	7329	13549	5.09%	0.880%
18	7.973	1024	1029	1037	rVB5	11501	27026	10.15%	1.754%
19	8.220	1068	1071	1076	rBV3	2153	3737	1.40%	0.243%
20	8.320	1082	1088	1095	rBV3	12652	24707	9.28%	1.604%
21	8.720	1151	1156	1159	rVV3	6484	8884	3.34%	0.577%
22	8.855	1174	1179	1185	rBV2	18795	38051	14.30%	2.470%
23	9.014	1203	1206	1207	rBV2	4250	3374	1.27%	0.219%
24	9.038	1207	1210	1212	rVV4	3544	3042	1.14%	0.197%
25	9.161	1229	1231	1233	rVV3	2967	2955	1.11%	0.192%
26	9.238	1241	1244	1248	rVV4	4048	5565	2.09%	0.361%
27	9.420	1272	1275	1278	rBV4	3555	3404	1.28%	0.221%
28	9.455	1278	1281	1283	rVB4	3218	3152	1.18%	0.205%
29	9.920	1357	1360	1363	rVB4	4640	6119	2.30%	0.397%
30	9.949	1363	1365	1367	rBV3	2994	3531	1.33%	0.229%
31	10.008	1372	1375	1379	rVV6	2887	4253	1.60%	0.276%
32	10.067	1383	1385	1388	rBV2	2452	2718	1.02%	0.176%
33	10.173	1398	1403	1404	rBV3	3685	4530	1.70%	0.294%
34	10.220	1404	1411	1417	rBV4	14733	26399	9.92%	1.714%
35	10.332	1422	1430	1435	rBV2	32299	62208	23.37%	4.038%
36	10.396	1435	1441	1448	rVV	152233	266168	100.00%	17.278%

LSC Area Percent Report

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Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Title : SW846 8260

37	10.461	1450	1452	1457	rBV6	3991	5746	2.16%	0.373%
38	10.526	1457	1463	1465	rBV7	5934	8968	3.37%	0.582%
39	10.561	1467	1469	1470	rBV2	5689	3301	1.24%	0.214%
40	10.690	1489	1491	1494	rVB4	6184	4643	1.74%	0.301%
41	10.732	1494	1498	1499	rBV4	4728	4177	1.57%	0.271%
42	10.761	1501	1503	1506	rVB4	3344	3116	1.17%	0.202%
43	10.855	1517	1519	1522	rVB4	6205	5528	2.08%	0.359%
44	10.884	1522	1524	1526	rBV3	4195	4590	1.72%	0.298%
45	10.914	1526	1529	1530	rVV3	4644	3235	1.22%	0.210%
46	10.979	1539	1540	1543	rBV3	3351	2790	1.05%	0.181%
47	11.014	1543	1546	1548	rBV4	5826	6592	2.48%	0.428%
48	11.055	1551	1553	1554	rBV2	3726	2855	1.07%	0.185%
49	11.190	1574	1576	1578	rBV3	9691	9961	3.74%	0.647%
50	11.637	1648	1652	1656	rVB3	26237	43850	16.47%	2.846%
51	11.843	1682	1687	1694	rVB3	58492	123282	46.32%	8.003%
52	11.949	1703	1705	1706	rBV2	9449	5748	2.16%	0.373%
53	12.173	1740	1743	1745	rVB3	20442	19080	7.17%	1.239%
54	12.484	1794	1796	1797	rBV2	12792	11107	4.17%	0.721%
55	12.861	1858	1860	1862	rBV2	14772	14932	5.61%	0.969%
56	12.937	1869	1873	1881	rBV7	62917	126468	47.51%	8.210%
57	13.367	1935	1946	1947	rBV10	44351	116846	43.90%	7.585%
58	13.831	2023	2025	2029	rVB4	13372	11880	4.46%	0.771%
59	13.884	2029	2034	2038	rBV3	41280	62471	23.47%	4.055%
60	13.920	2038	2040	2042	rBV3	9729	6933	2.60%	0.450%
61	13.990	2047	2052	2056	rBV8	18406	41661	15.65%	2.704%
62	14.220	2087	2091	2092	rBV4	12238	16336	6.14%	1.060%
63	14.555	2145	2148	2149	rBV3	18211	16760	6.30%	1.088%
64	14.796	2185	2189	2190	rBV3	21871	23408	8.79%	1.519%
65	15.178	2252	2254	2256	rBV3	8679	10684	4.01%	0.694%
66	15.220	2259	2261	2264	rVV4	6541	7115	2.67%	0.462%
67	15.420	2293	2295	2297	rBV3	5564	5652	2.12%	0.367%
68	15.578	2320	2322	2327	rVB6	7941	12718	4.78%	0.826%
69	15.672	2336	2338	2343	rBV6	5879	8475	3.18%	0.550%
70	15.743	2348	2350	2351	rBV2	8338	7582	2.85%	0.492%
71	15.761	2351	2353	2359	rVB5	14579	15651	5.88%	1.016%
72	15.884	2368	2374	2383	rVB5	14945	36527	13.72%	2.371%
73	16.114	2411	2413	2417	rVV5	3989	4978	1.87%	0.323%
74	16.190	2424	2426	2427	rBV2	7390	6764	2.54%	0.439%
75	16.320	2446	2448	2449	rBV2	4639	3156	1.19%	0.205%
76	16.408	2460	2463	2465	rBV4	6078	5989	2.25%	0.389%

LSC Area Percent Report

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Acq On : 20 Oct 2021 16:48
Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

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
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Title : SW846 8260

77	16.478	2471	2475	2477	rBV4	6738	10082	3.79%	0.654%
78	16.537	2484	2485	2489	rVV4	2763	2786	1.05%	0.181%
79	16.661	2503	2506	2508	rBV4	5618	7081	2.66%	0.460%

Sum of corrected areas: 1540507

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
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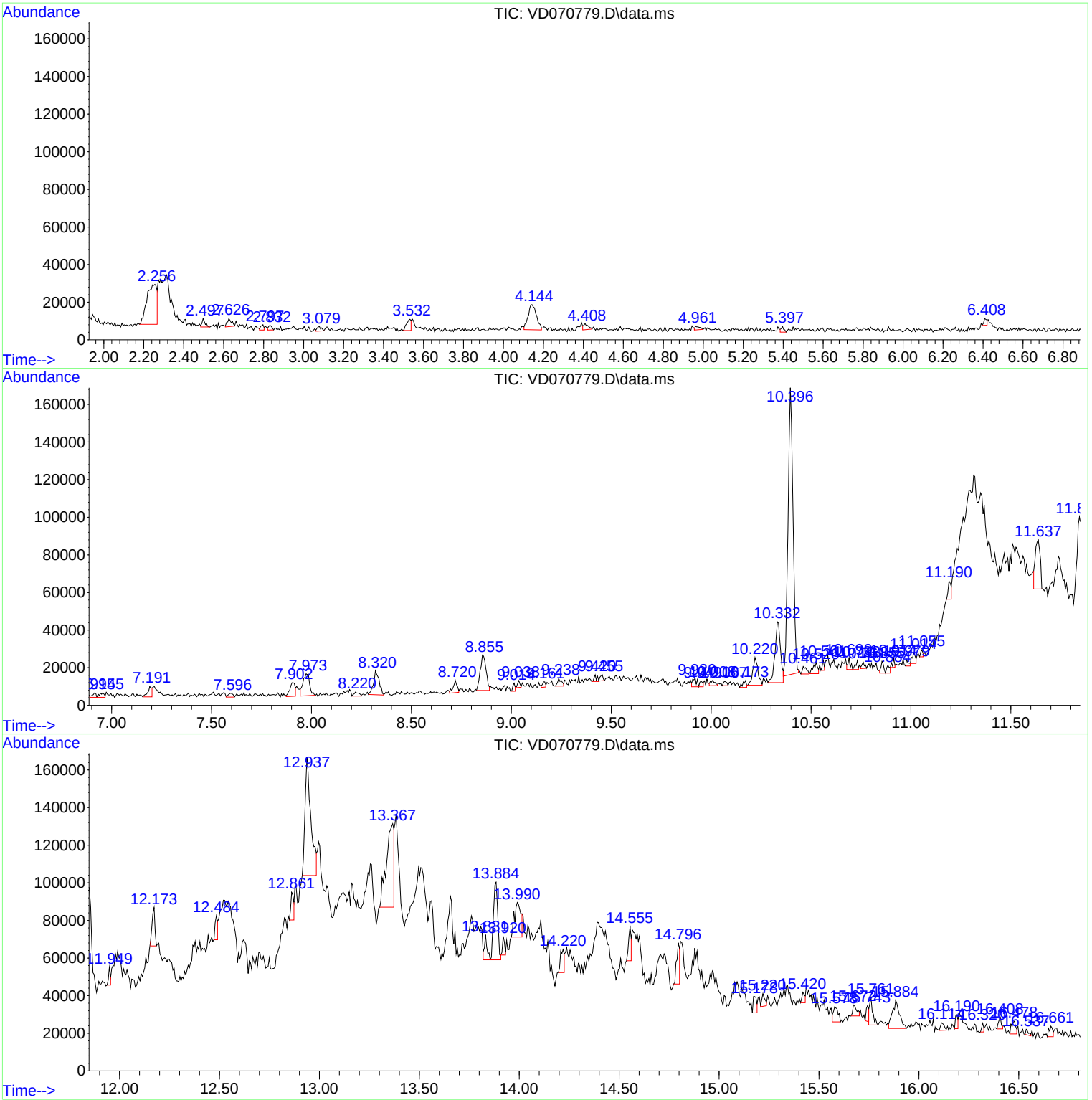
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
Acq On : 20 Oct 2021 16:48
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Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

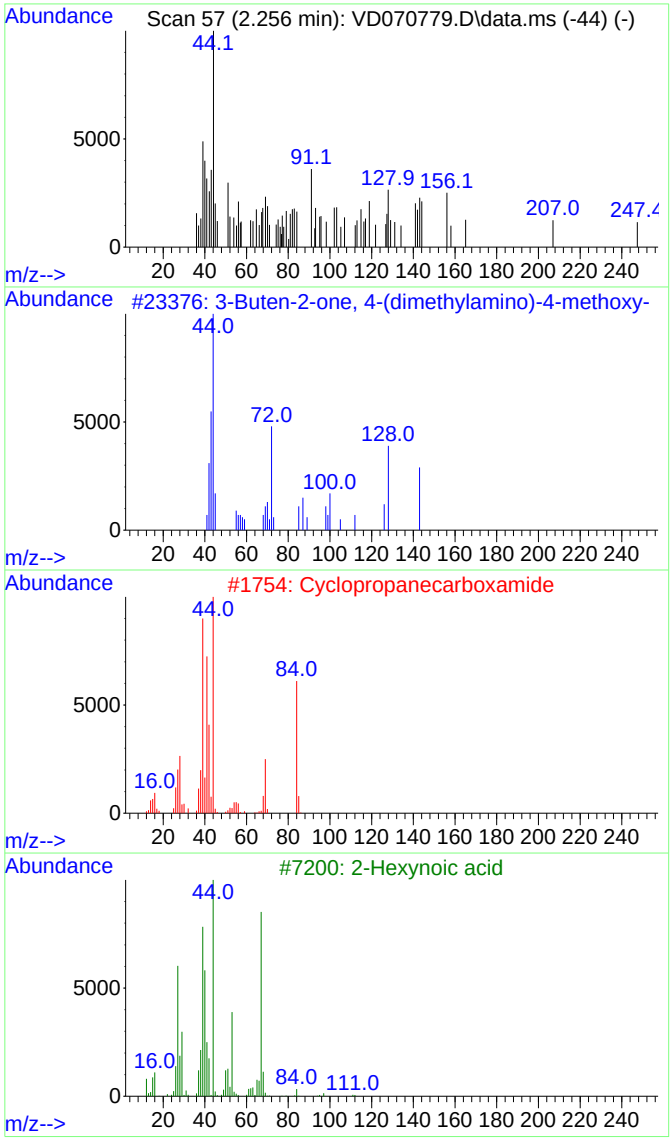
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

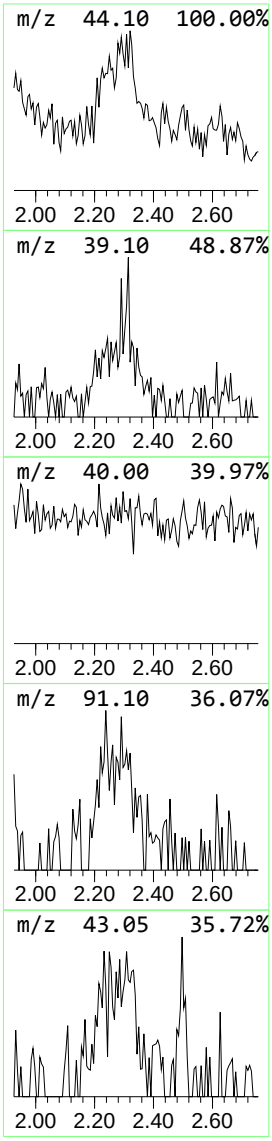
****

Peak Number 1 unknown2.256 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.256	137.51 ug/l	74326	Pentafluorobenzene	7.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(dimethylamino)...	143	C7H13NO2	049582-68-5	38
2	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	27
3	2-Hexynoic acid	112	C6H8O2	000764-33-0	16
4	2-[5-(Pyridin-3-yl)-1H-1,2,4-tri...	203	C9H9N5O	1000410-33-9	16
5	Pyridine-3-carboxamide, 1,2-dihy...	182	C8H10N2OS	079927-21-2	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
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Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

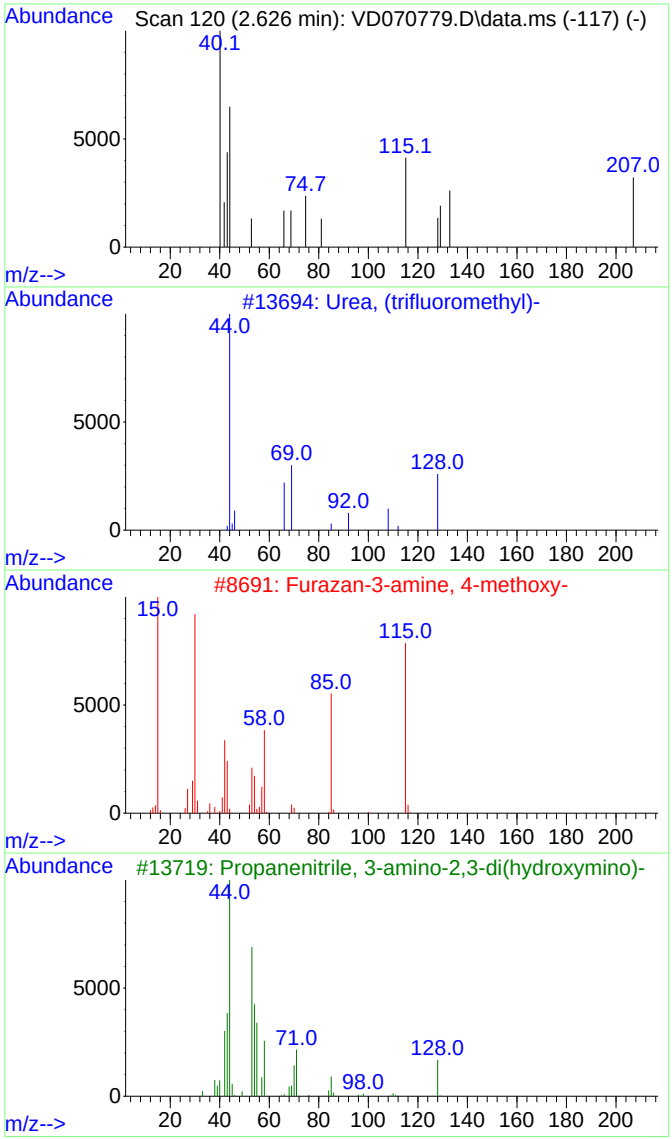
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

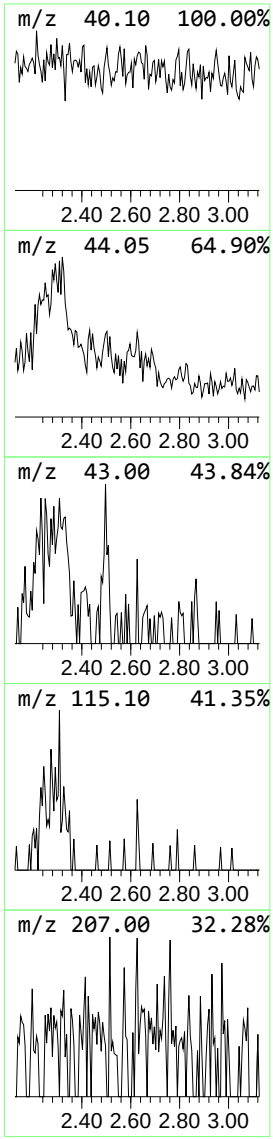
****

Peak Number 2 unknown2.626 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.626	11.94 ug/l	6453	Pentafluorobenzene	7.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, (trifluoromethyl)-	128	C2H3F3N2O	061919-30-0	14
2	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	9
3	Propanenitrile, 3-amino-2,3-di(h...	128	C3H4N4O2	206363-14-6	9
4	Imidazole, 5-[2-(aminocarbonyl)v...	137	C6H7N3O	135200-64-5	9
5	1,1-Cyclopropanedicarboxamide	128	C5H8N2O2	005813-85-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
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Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
16943

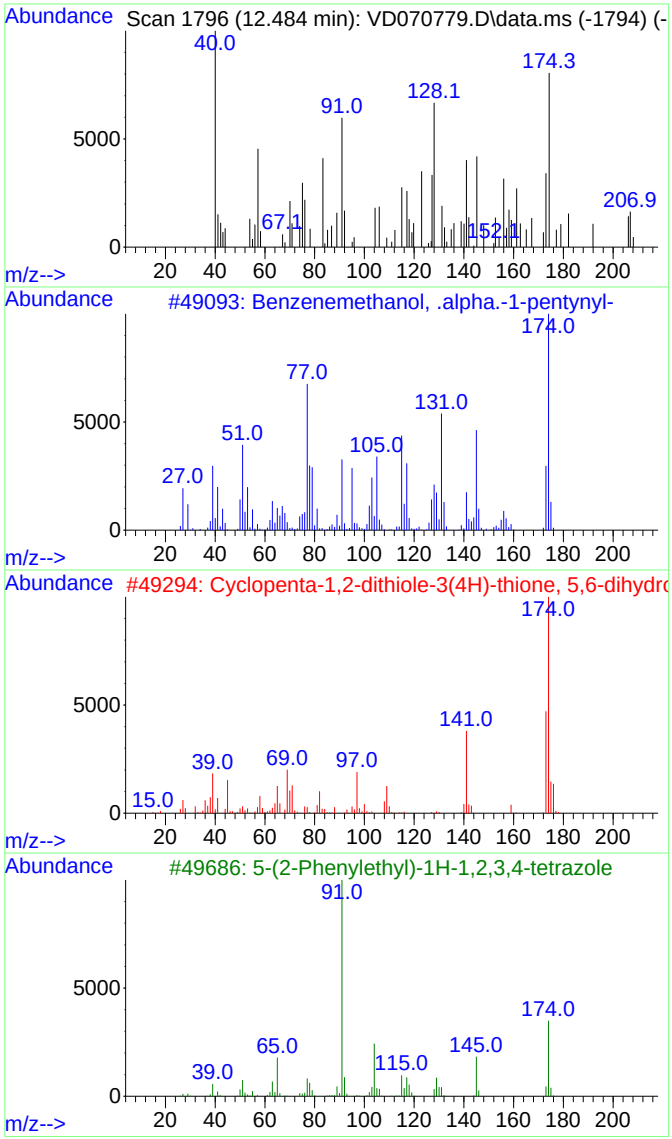
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

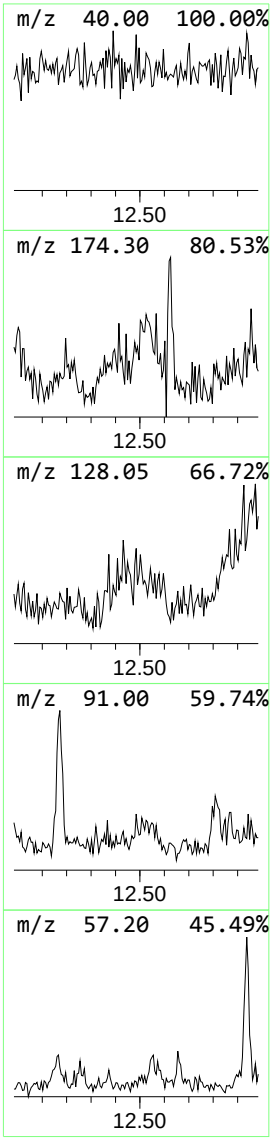
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown12.484 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.484	12.66 ug/l	11107	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-1-penty...	174	C12H14O	108946-34-5	38
2	Cyclopenta-1,2-dithiole-3(4H)-th...	174	C6H6S3	014085-33-7	35
3	5-(2-Phenylethyl)-1H-1,2,3,4-tet...	174	C9H10N4	192505-33-2	35
4	4-Chloro-5-methyl-2-(methylthio)...	174	C6H7ClN2S	061044-96-0	35
5	4-Chloro-6-methyl-2-(methylthio)...	174	C6H7ClN2S	017119-73-2	35





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Quant Title : SW846 8260

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

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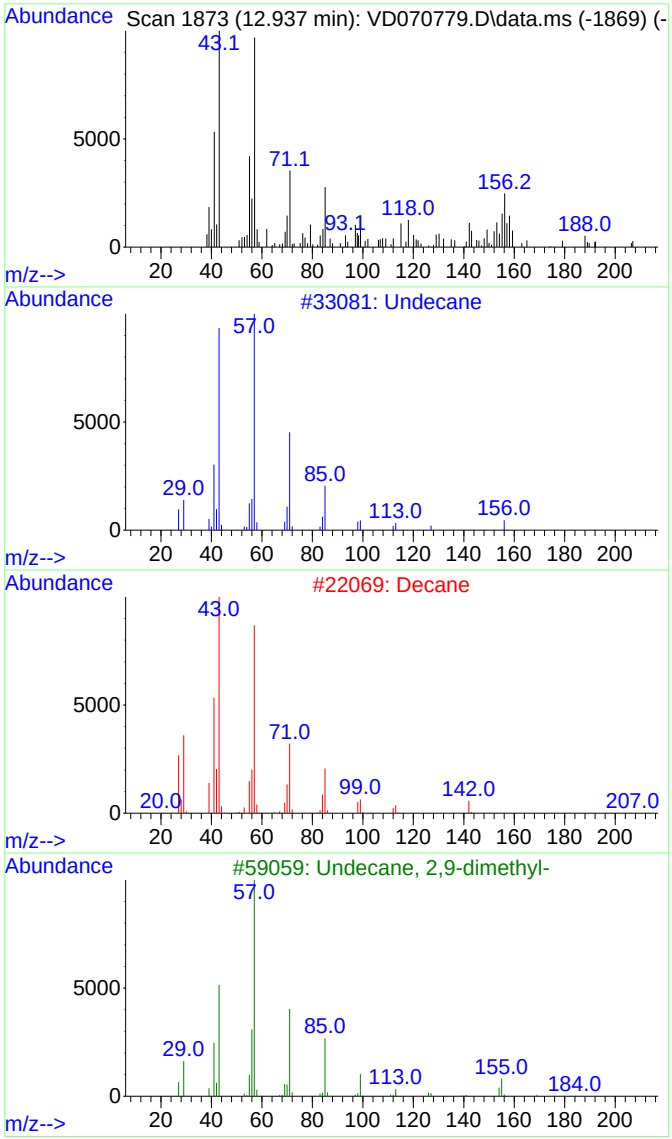
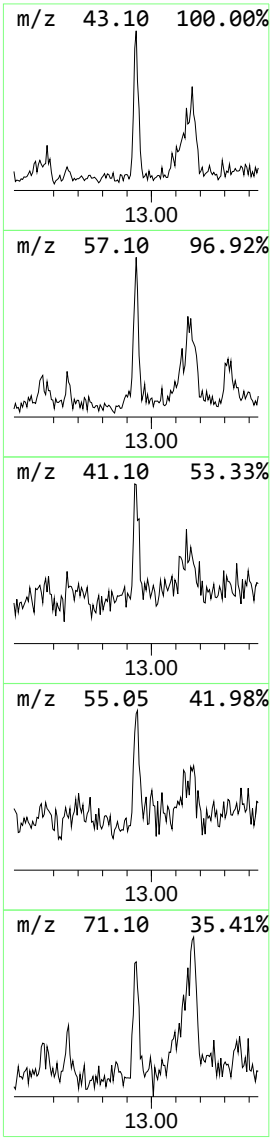
Peak Number 6 unknown12.937 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	54.12 ug/l	126468	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	30
2	Decane	142	C10H22	000124-18-5	25
3	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	14
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	14
5	9-Heptadecanone	254	C17H34O	000540-08-9	12





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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

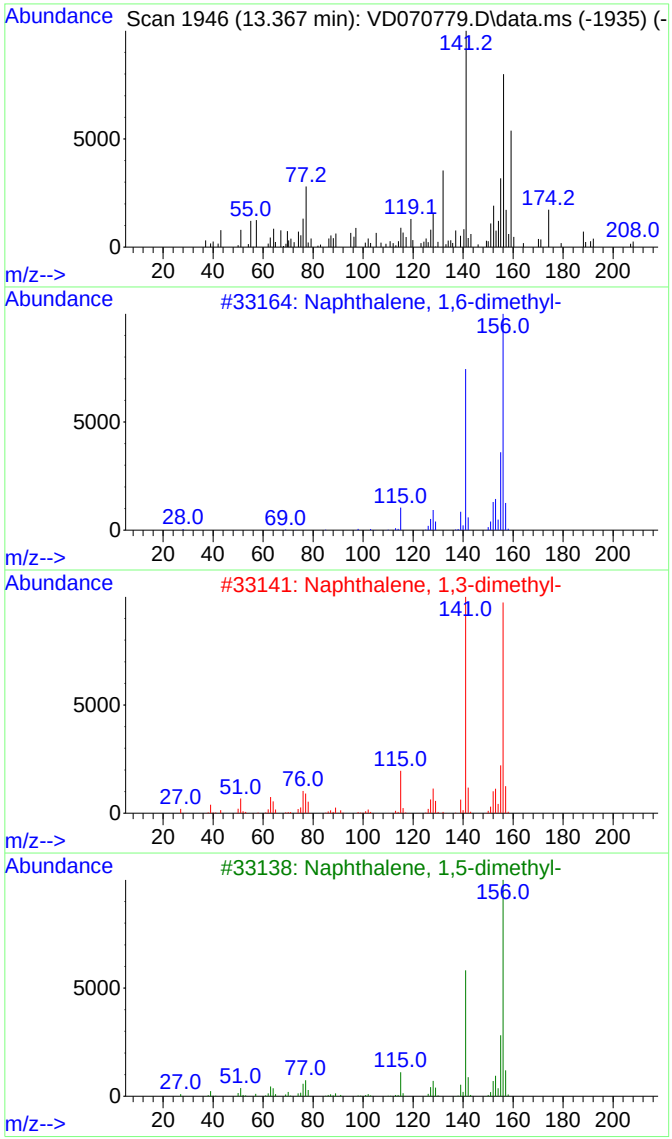
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

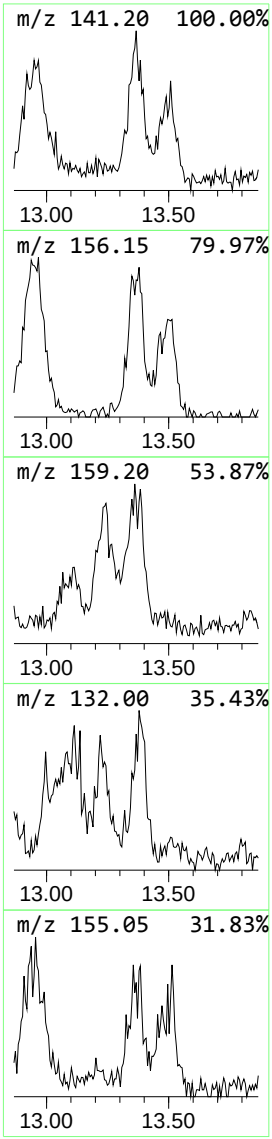
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.367	50.00 ug/l	116846	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	53
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	53
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	49
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	49
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
Acq On : 20 Oct 2021 16:48
Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

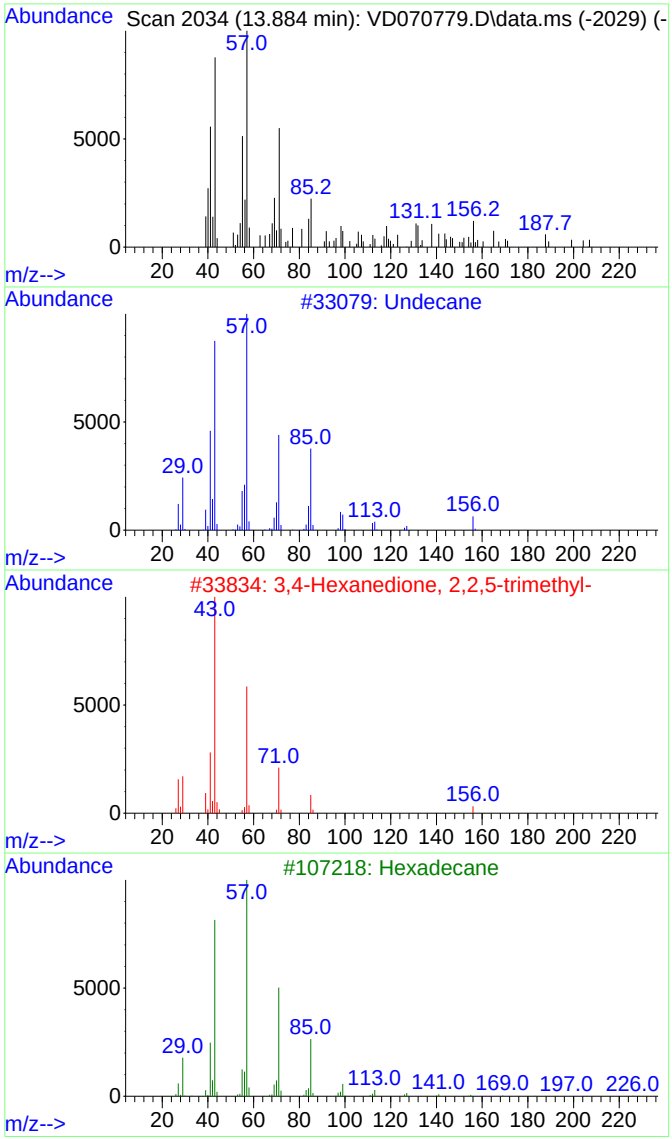
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

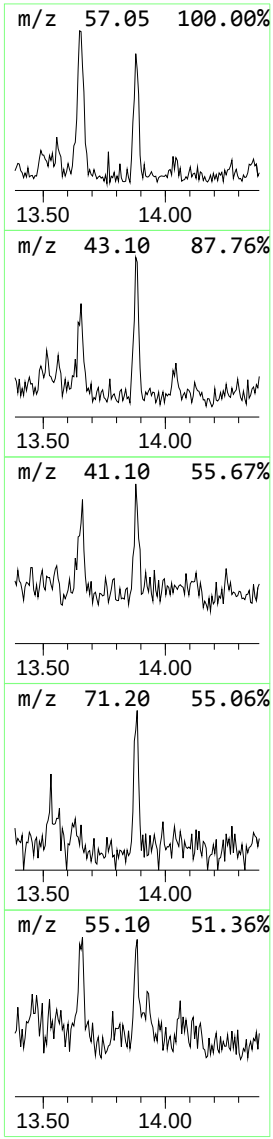
****

Peak Number 8 unknown13.884 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.884	26.73 ug/l	62471	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	38
2	3,4-Hexanedione, 2,2,5-trimethyl-	156	C9H16O2	020633-03-8	38
3	Hexadecane	226	C16H34	000544-76-3	35
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	35
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35





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Data File : VD070779.D
Acq On : 20 Oct 2021 16:48
Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

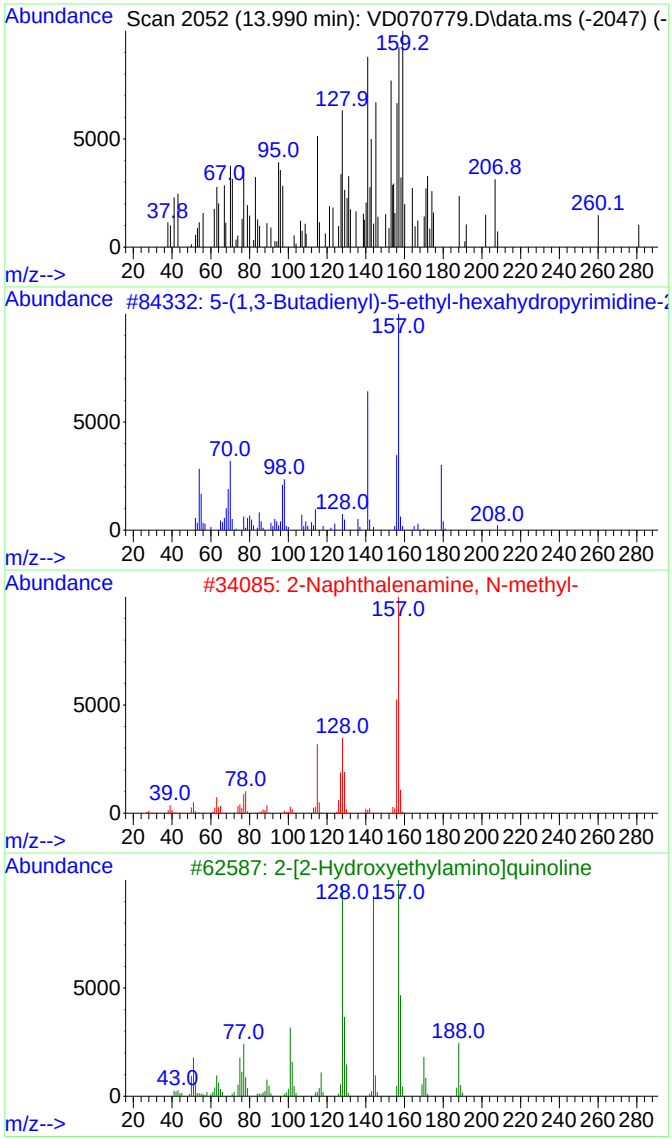
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

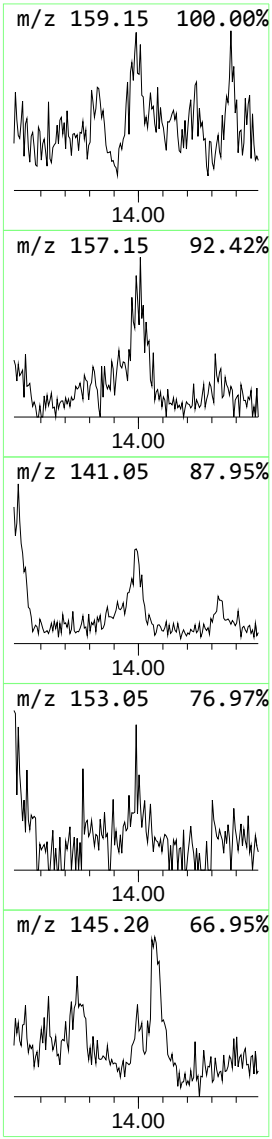
****

Peak Number 9 unknown13.990 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.990	17.83 ug/l	41661	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1,3-Butadienyl)-5-ethyl-hexah...	208	C10H12N2O3	131147-45-0	22
2	2-Naphthalenamine, N-methyl-	157	C11H11N	002216-67-3	15
3	2-[2-Hydroxyethylamino]quinoline	188	C11H12N2O	332409-62-8	15
4	Indane, 2-methoxy-3-(2-methyl-1-...	202	C14H18O	1000196-88-7	15
5	2,5-Difluorobenzoic acid, octyl ...	270	C15H20F2O2	1000338-80-7	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
Acq On : 20 Oct 2021 16:48
Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

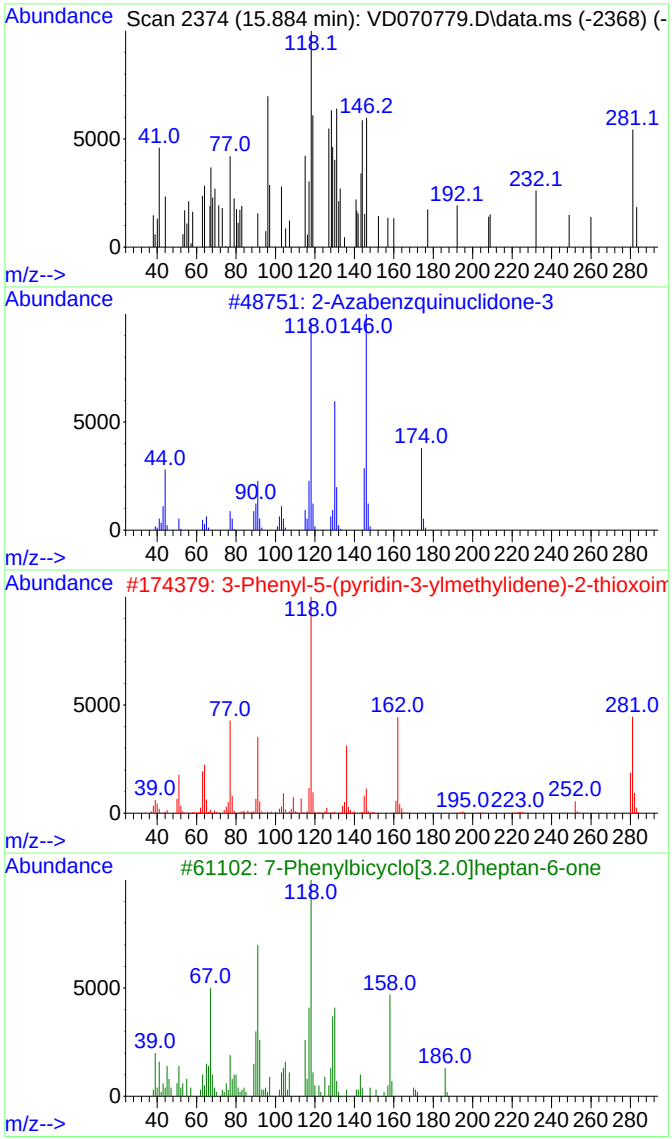
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

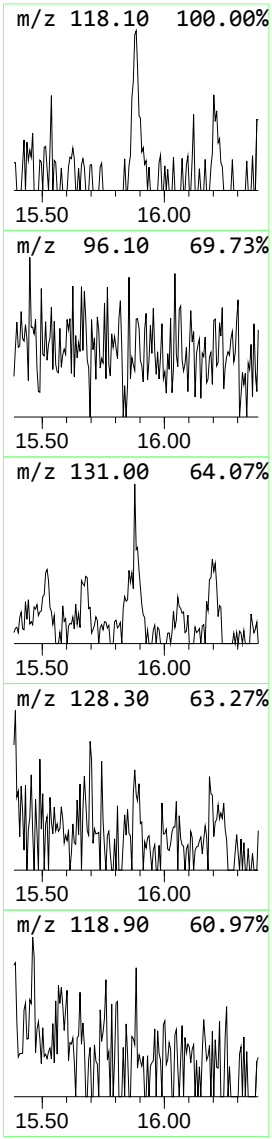
****

Peak Number 10 unknown15.884 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.884	15.63 ug/l	36527	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azabenzquinuclidone-3	174	C10H10N2O	1000311-41-3	27
2	3-Phenyl-5-(pyridin-3-ylmethylid...	281	C15H11N3OS	1000305-57-9	18
3	7-Phenylbicyclo[3.2.0]heptan-6-one	186	C13H14O	073788-97-3	16
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	16
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070779.D
Acq On : 20 Oct 2021 16:48
Operator : VA/SY
Sample : M4284-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 16943

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.256	2.256	137.5	ug/l	74326	1	7.979	27026	50.0
unknown2.626	2.626	11.9	ug/l	6453	1	7.979	27026	50.0
unknown12.484	12.484	12.7	ug/l	11107	3	11.637	43850	50.0
unknown12.937	12.937	54.1	ug/l	126468	4	13.561	116846	50.0
Naphthalene, 1,...	13.367	50.0	ug/l	116846	4	13.561	116846	50.0
unknown13.884	13.884	26.7	ug/l	62471	4	13.561	116846	50.0
unknown13.990	13.990	17.8	ug/l	41661	4	13.561	116846	50.0
unknown15.884	15.884	15.6	ug/l	36527	4	13.561	116846	50.0