LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

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\82D050222S.M
Title : SW846 8260

Signal : TIC: VD072768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.438	85	88	91	rVB2	2089	2638	1.08%	0.309%
2	2.797	146	149	153	rBV3	1652	2660	1.09%	0.312%
3	7.150	883	889	891	rBV2	2027	3321	1.36%	0.389%
4	7.903	1010	1017	1018	rBV3	9481	12995	5.33%	1.524%
5	7.973	1023	1029	1037	rVB4	12613	29297	12.02%	3.436%
6	8.326	1081	1089	1095	rBV4	11255	27305	11.20%	3.202%
7	8.532	1121	1124	1126	rVV3	2199	2986	1.22%	0.350%
8	8.691	1150	1151	1155	rVB3	2790	3022	1.24%	0.354%
9	8.861	1172	1180	1187	rBV4	22191	45796	18.78%	5.370%
10	8.955	1194	1196	1198	rBV3	2882	3226	1.32%	0.378%
11	9.008	1202	1205	1206	rBV3	3252	2766	1.13%	0.324%
12	9.102	1219	1221	1223	rVB3	3463	2718	1.11%	0.319%
13	9.132	1223	1226	1229	rBV5	4127	5332	2.19%	0.625%
14	9.173	1231	1233	1238	rVB5	3536	4036	1.66%	0.473%
15	9.285	1246	1252	1253	rBV6	4566	6565	2.69%	0.770%
16	9.326	1257	1259	1262	rBV3	3079	3492	1.43%	0.410%
17	9.555	1296	1298	1301	rBV4	4011	4261	1.75%	0.500%
18	9.708	1322	1324	1326	rVV3	3152	2796	1.15%	0.328%
19	9.732	1326	1328	1330	rVV2	4259	2675	1.10%	0.314%
20	9.879	1351	1353	1354	rBV2	3042	2448	1.00%	0.287%
21	9.985	1369	1371	1374	rVB4	3395	4012	1.65%	0.470%
22	10.173	1401	1403	1404	rVB2	5022	2629	1.08%	0.308%
23	10.267	1417	1419	1421	rVB3	3606	2510	1.03%	0.294%
24	10.332	1425	1430	1436	rVV	36073	61400	25.18%	7.200%
25	10.485	1452	1456	1459	rBV6	6416	7773	3.19%	0.912%
26	10.591	1473	1474	1476	rBV2	5078	4337	1.78%	0.509%
27	10.673	1486	1488	1489	rBV2	5841	3666	1.50%	0.430%
28	10.761	1500	1503	1505	rBV4	4557	5699	2.34%	0.668%
29	11.038	1548	1550	1551	rBV2	5531	3202	1.31%	0.375%
30	11.149	1568	1569	1570	rBV	6148	2706	1.11%	0.317%
31	11.185	1572	1575	1577	rBV4	8492	10270	4.21%	1.204%
32	11.267	1587	1589	1590	rBV2	9979	5559	2.28%	0.652%
33	11.638	1648	1652	1656	rVB2	27960	37970	15.57%	4.453%
34	12.491	1795	1797	1799	rBV3	12528	12963	5.32%	1.520%
35	12.614	1816	1818	1825	rVB4	25133	40740	16.71%	4.778%
36	13.379	1936	1948	1958	rBV7	62360	243822	100.00%	28.593%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

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\82D050222S.M
Title : SW846 8260

37	13.561	1976	1979	1986	rVB3	35648	56053	22.99%	6.573%
38	13.690	1998	2001	2006	rBV7	10156	22464	9.21%	2.634%
39	13.867	2029	2031	2033	rBV3	6522	6792	2.79%	0.796%
40	13.885	2033	2034	2038	rVV4	10394	10450	4.29%	1.225%
41	14.073	2064	2066	2067	rBV2	6202	5672	2.33%	0.665%
42	14.343	2110	2112	2114	rBV2	5604	3774	1.55%	0.443%
43	14.549	2145	2147	2148	rVV2	4933	3140	1.29%	0.368%
44	14.661	2164	2166	2169	rBV3	3235	3732	1.53%	0.438%
45	14.696	2169	2172	2173	rBV2	6269	6132	2.51%	0.719%
46	14.749	2179	2181	2183	rBV3	5284	3903	1.60%	0.458%
47	14.802	2183	2190	2197	rVV3	15241	34233	14.04%	4.014%
48	14.920	2207	2210	2212	rBV4	5014	5548	2.28%	0.651%
49	15.079	2233	2237	2239	rBV5	5603	8112	3.33%	0.951%
50	15.108	2240	2242	2243	rVV2	7507	5441	2.23%	0.638%
51	15.196	2254	2257	2261	rVB6	4206	6493	2.66%	0.761%
52	15.273	2268	2270	2271	rVV2	5465	3158	1.30%	0.370%
53	15.290	2271	2273	2275	rVB2	5041	4644	1.90%	0.545%
54	15.496	2306	2308	2309	rVV2	4880	3761	1.54%	0.441%
55	15.537	2312	2315	2319	rVB5	4295	5128	2.10%	0.601%
56	15.755	2350	2352	2354	rBV2	2309	2749	1.13%	0.322%
57	15.902	2375	2377	2379	rVB3	3836	3032	1.24%	0.356%
58	16.002	2392	2394	2397	rBV4	2435	3480	1.43%	0.408%
59	16.179	2422	2424	2426	rBV2	4394	3168	1.30%	0.372%
60	16.208	2428	2429	2433	rVV4	3773	2837	1.16%	0.333%
61	16.243	2433	2435	2437	rVB3	3151	2844	1.17%	0.334%
62	16.273	2437	2440	2441	rBV2	2517	2959	1.21%	0.347%
63	16.320	2445	2448	2451	rBV4	3914	3301	1.35%	0.387%
64	16.390	2457	2460	2462	rBV3	3006	4540	1.86%	0.532%
65	16.455	2469	2471	2475	rVB2	3033	2440	1.00%	0.286%
66	16.502	2475	2479	2482	rBV3	2355	3166	1.30%	0.371%

Sum of corrected areas: 852739

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
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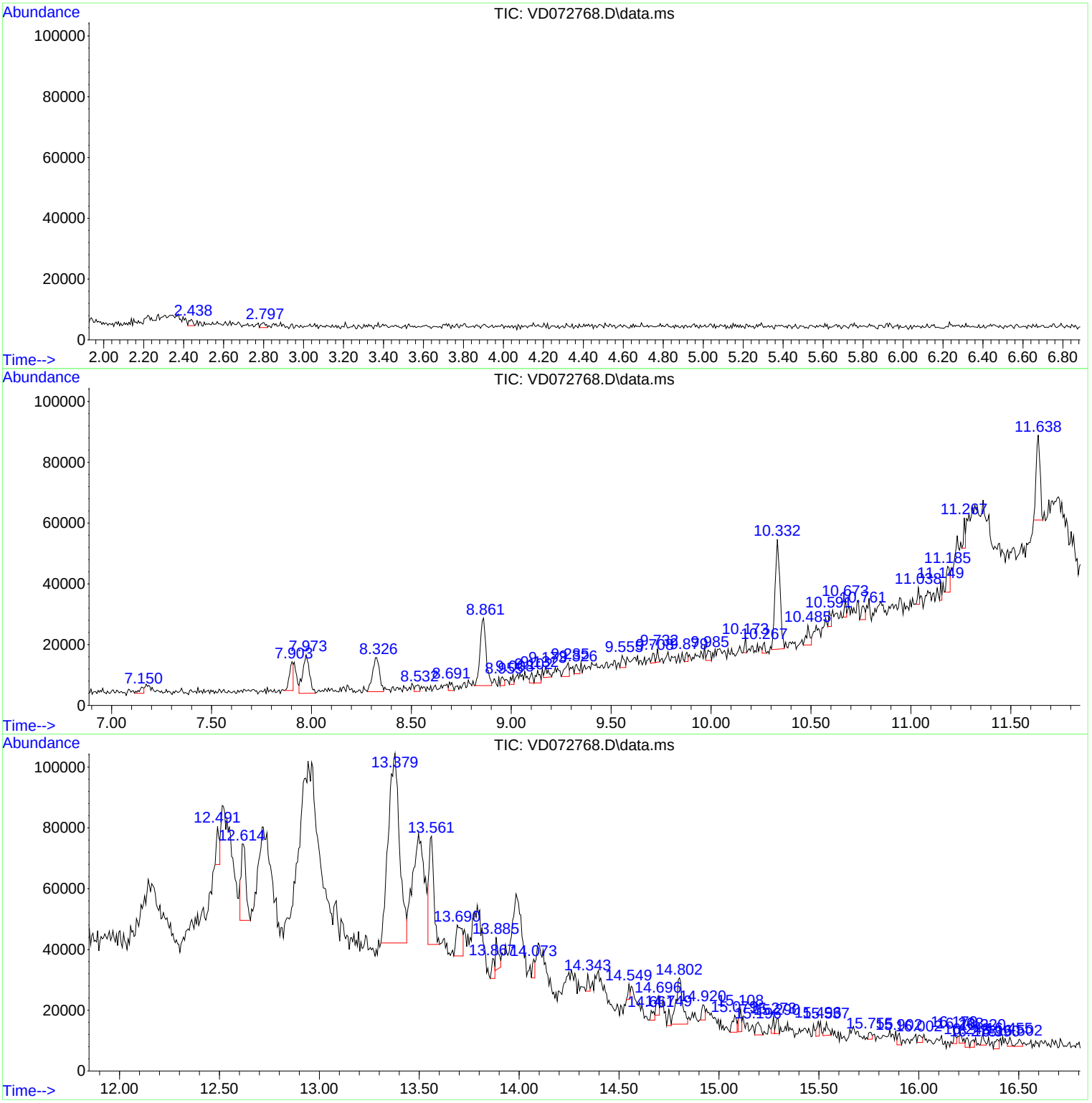
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

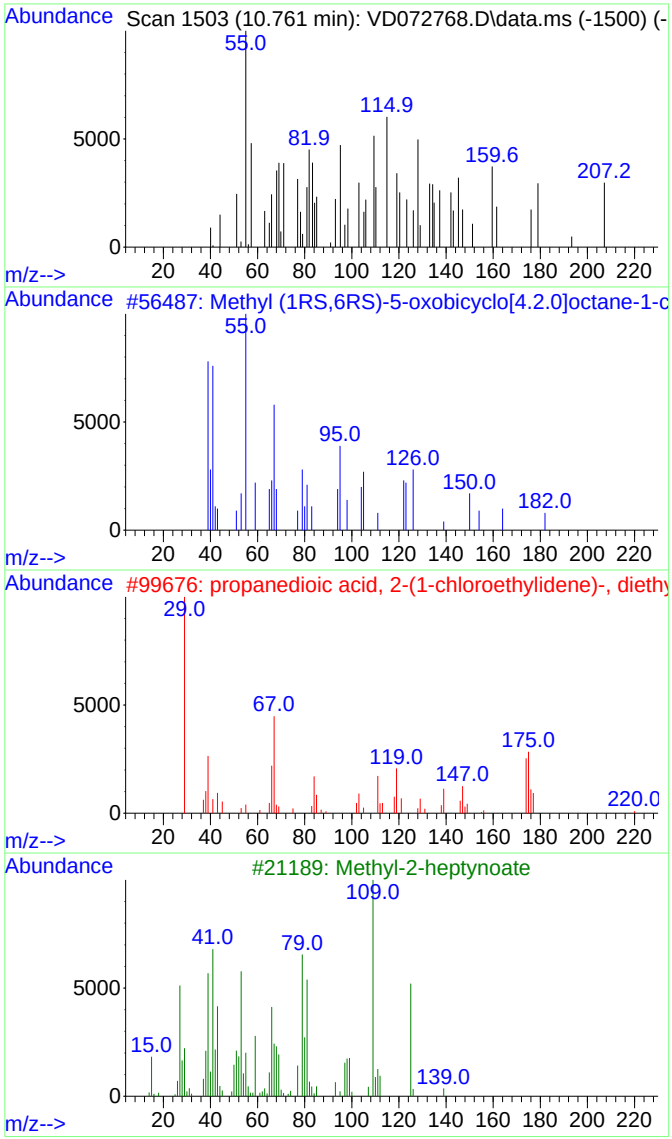
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

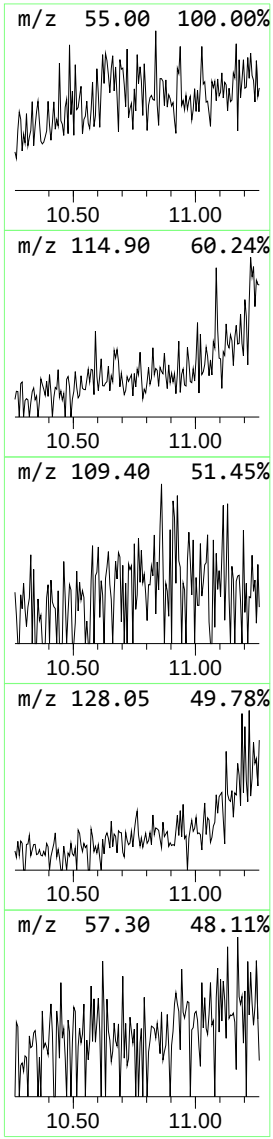
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown10.761 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.761	7.50 ug/l	5699	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl (1RS,6RS)-5-oxobicyclo[4....	182	C10H14O3	105539-58-0	12
2	propanedioic acid, 2-(1-chloroet...	220	C9H13ClO4	1000400-79-4	10
3	Methyl-2-heptynoate	140	C8H12O2	018937-78-5	10
4	2-Nonynoic acid, ethyl ester	182	C11H18O2	010031-92-2	10
5	Ethyl 2-heptynoate	154	C9H14O2	016930-95-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

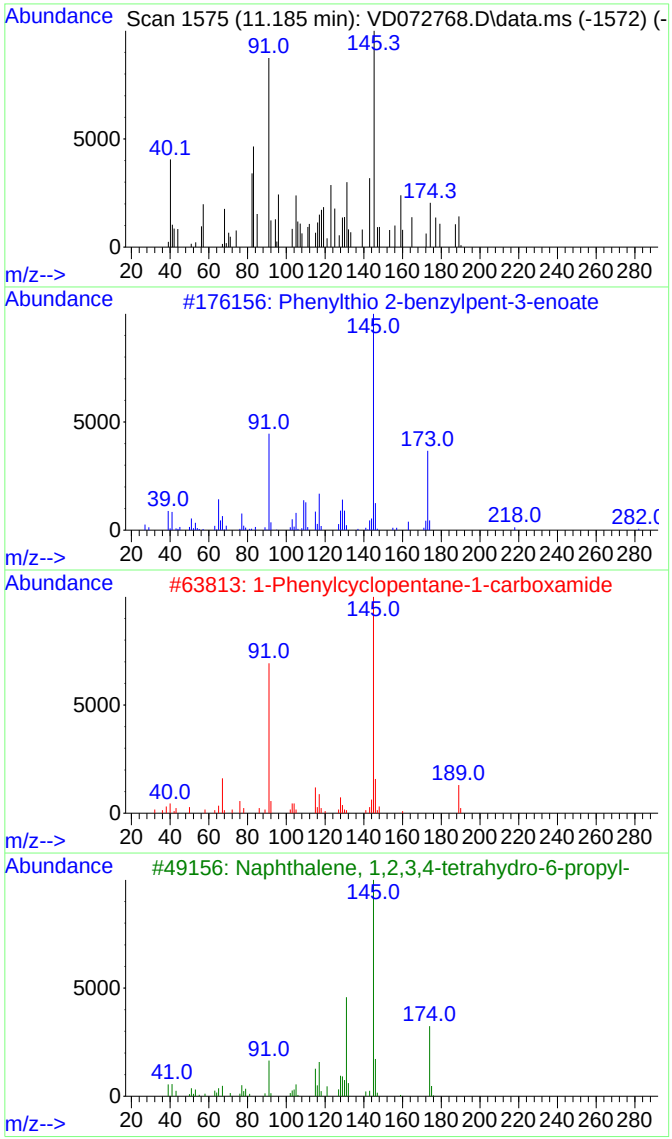
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

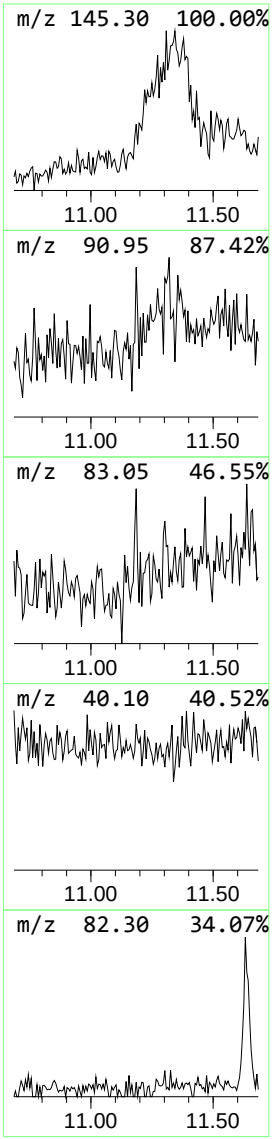
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown11.185 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.185	13.52 ug/l	10270	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenylthio 2-benzylpent-3-enoate	282	C18H18OS	1000284-46-0	22
2	1-Phenylcyclopentane-1-carboxamide	189	C12H15NO	005296-89-9	22
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	14
4	1H-1,2,3-Triazole, 4-phenyl-	145	C8H7N3	001680-44-0	14
5	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

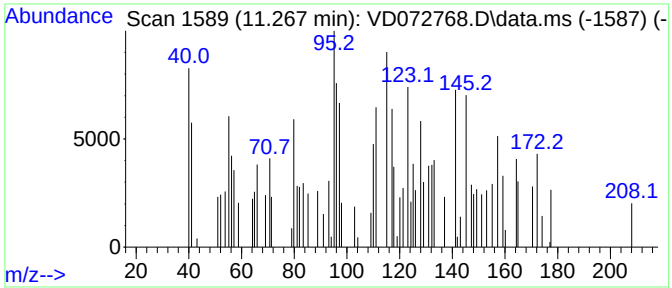
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

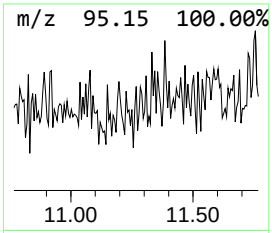
****

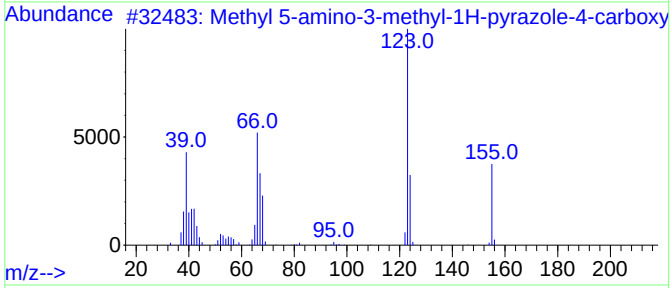
Peak Number 4 unknown11.267 Concentration Rank 9

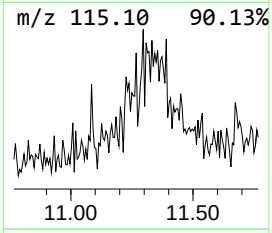
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.267	7.32 ug/l	5559	Chlorobenzene-d5	11.638

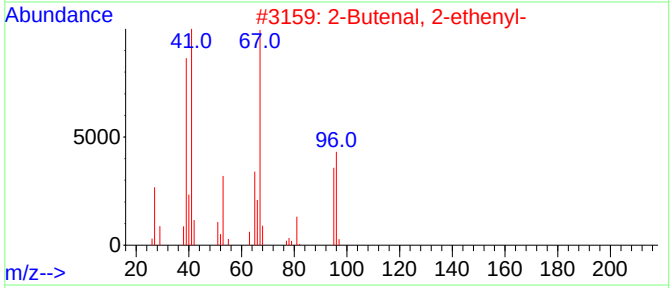
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5-amino-3-methyl-1H-pyraz...	155	C6H9N3O2	023286-71-7	27
2	2-Butenal, 2-ethenyl-	96	C6H8O	020521-42-0	17
3	Benzenamine, 3-methoxy-	123	C7H9NO	000536-90-3	12
4	4,7-Methano-1H-indene, octahydro...	136	C10H16	002825-83-4	12
5	3,5-Dimethylpyrazole	96	C5H8N2	000067-51-6	11

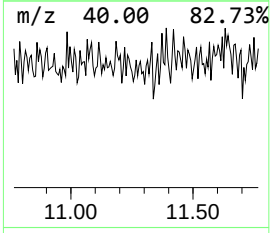


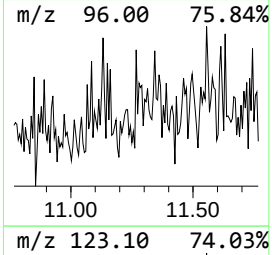


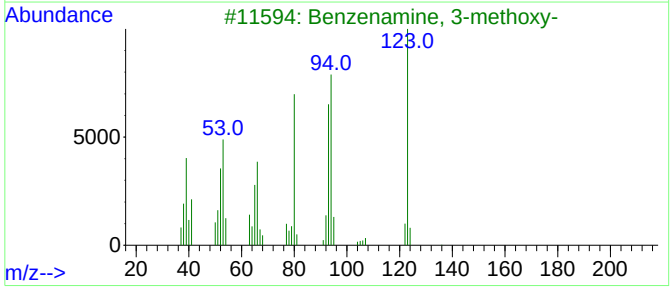


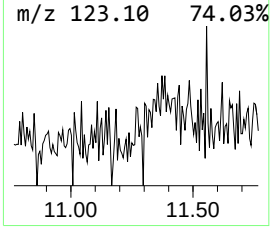












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Data File : VD072768.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

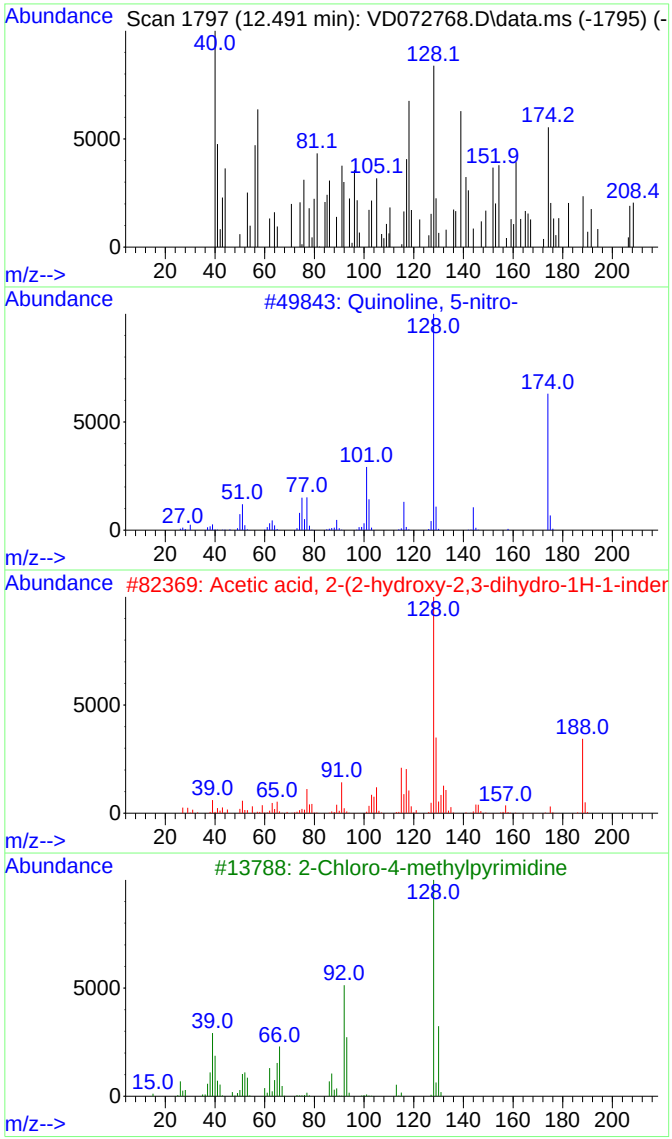
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

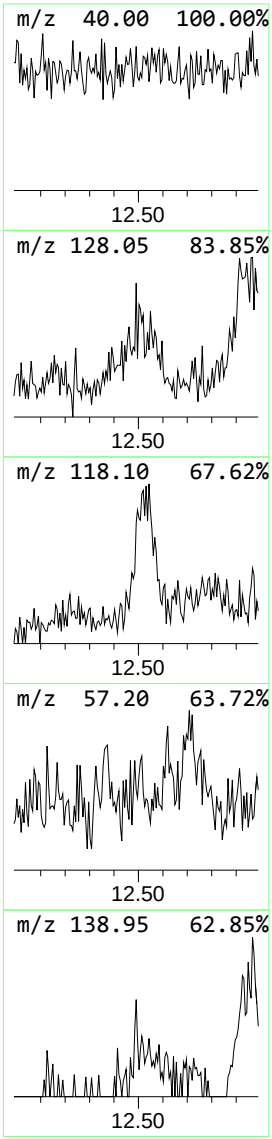
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown12.491 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.491	17.07 ug/l	12963	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 5-nitro-	174	C9H6N2O2	000607-34-1	14
2	Acetic acid, 2-(2-hydroxy-2,3-di...	206	C12H14O3	1000196-89-5	14
3	2-Chloro-4-methylpyrimidine	128	C5H5ClN2	013036-57-2	14
4	Quinoline, 4-nitro-	174	C9H6N2O2	003741-15-9	12
5	Azulene	128	C10H8	000275-51-4	11





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Operator : VA/SY
Sample : N2641-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

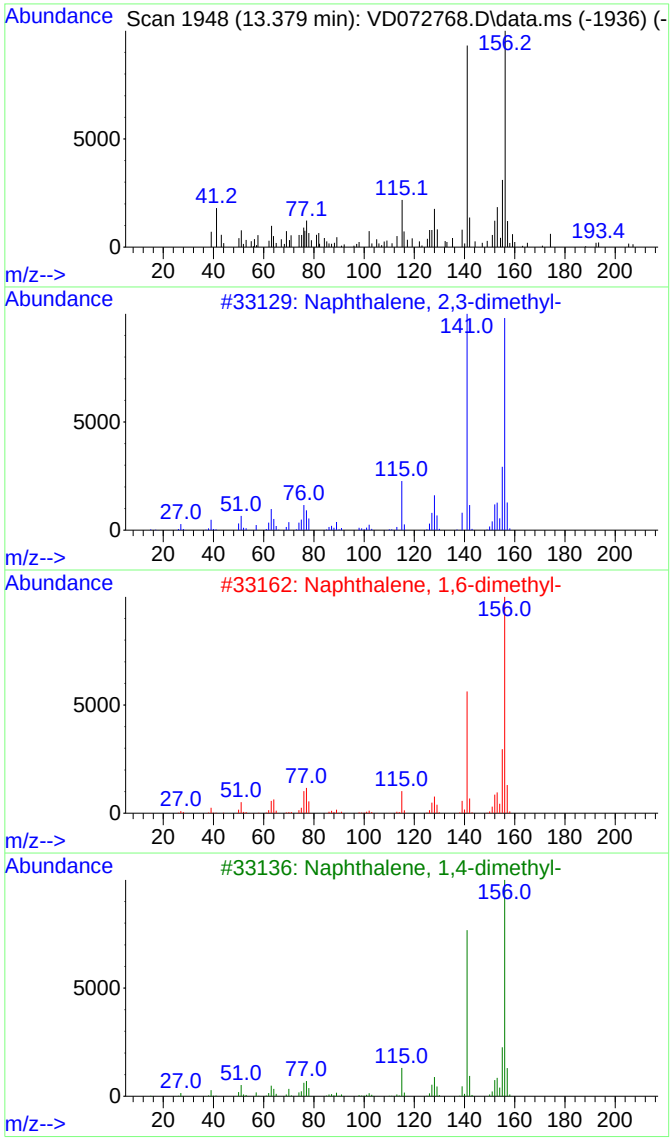
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

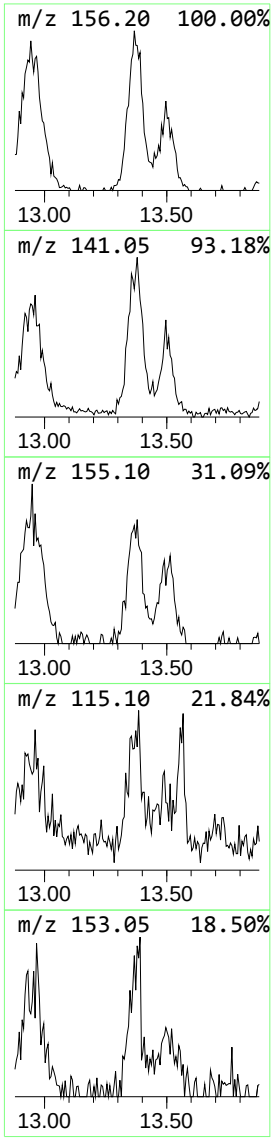
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	217.49 ug/l	243822	1,4-Dichlorobenzene-d4	13.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

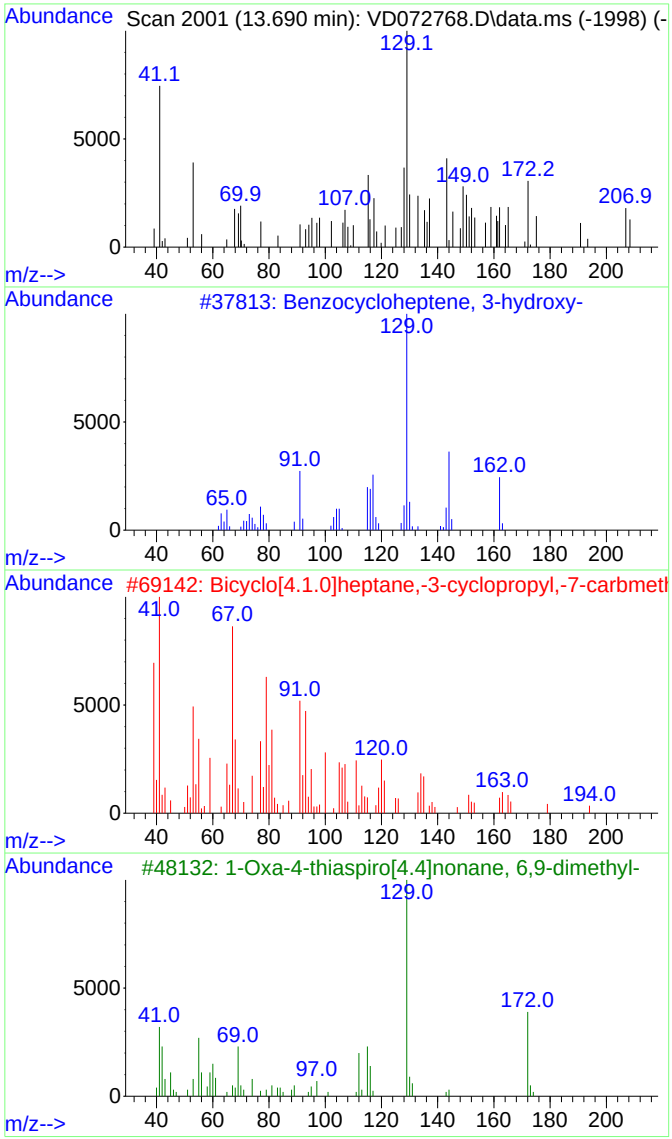
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

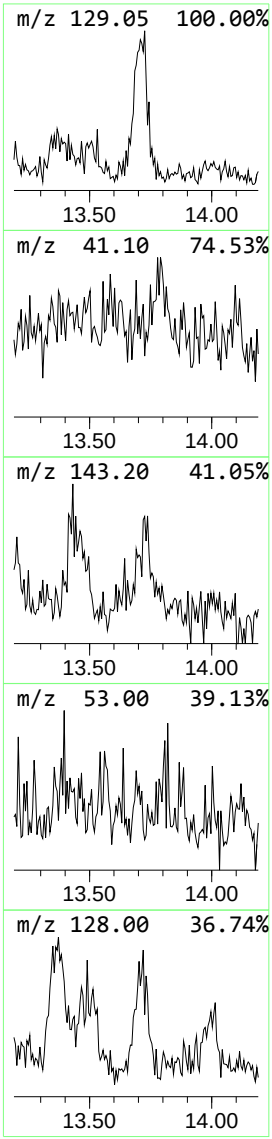
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown13.691 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.691	20.04 ug/l	22464	1,4-Dichlorobenzene-d4	13.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptene, 3-hydroxy-	162	C11H14O	005200-96-4	14
2	Bicyclo[4.1.0]heptane,-3-cyclopr...	194	C12H18O2	1000222-97-0	12
3	1-Oxa-4-thiaspiro[4.4]nonane, 6,...	172	C9H16OS	057156-88-4	10
4	(R,E)-3-Methyl-4-phenylbut-3-en-...	204	C13H16O2	187735-90-6	10
5	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

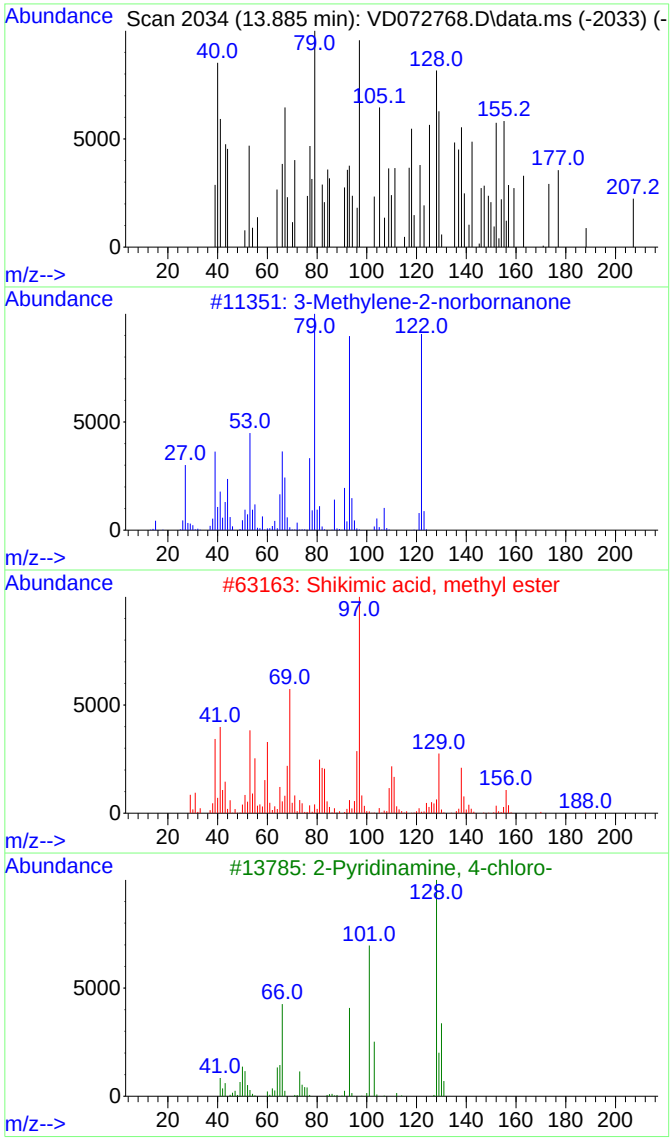
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

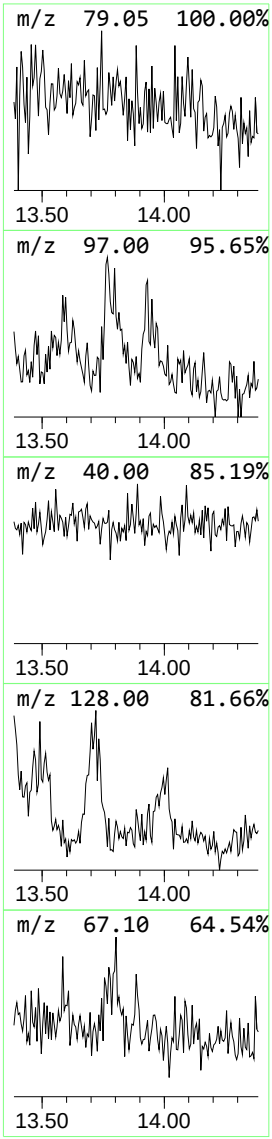
****

Peak Number 8 unknown13.885 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	9.32 ug/l	10450	1,4-Dichlorobenzene-d4	13.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylene-2-norbornanone	122	C8H10O	005597-27-3	25
2	Shikimic acid, methyl ester	188	C8H12O5	040983-58-2	22
3	2-Pyridinamine, 4-chloro-	128	C5H5ClN2	019798-80-2	14
4	1-Cyclopentene-1,2-dicarboxylic ...	156	C7H8O4	003128-15-2	11
5	2-Norbornanemethanol, heptafluor...	322	C12H13F7O2	1000376-17-4	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

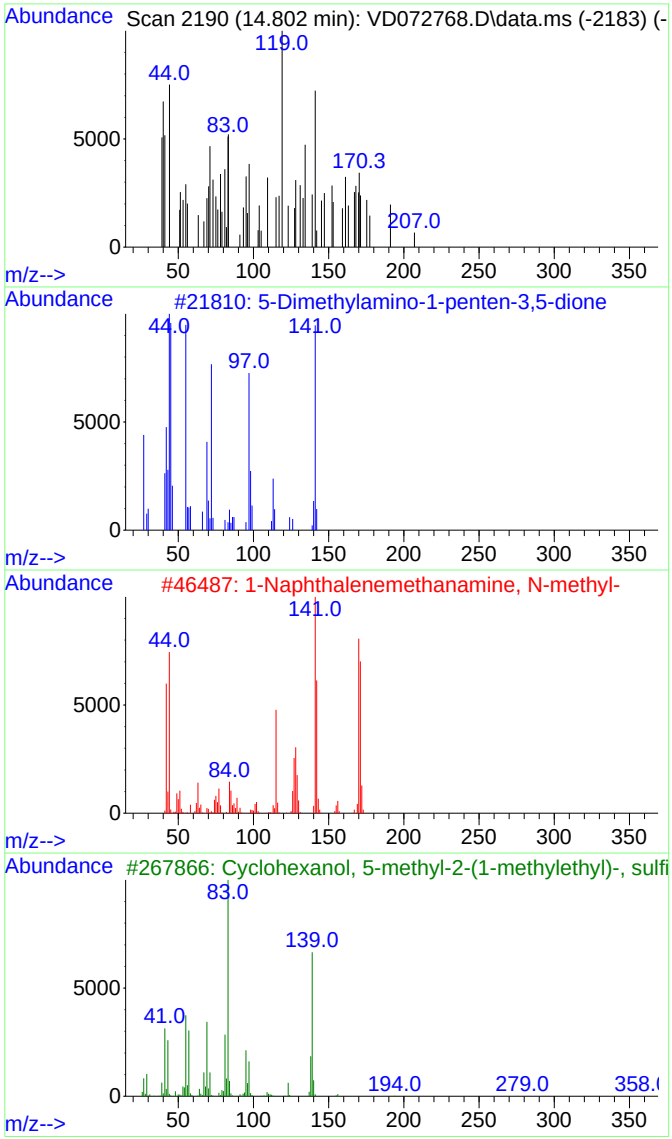
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

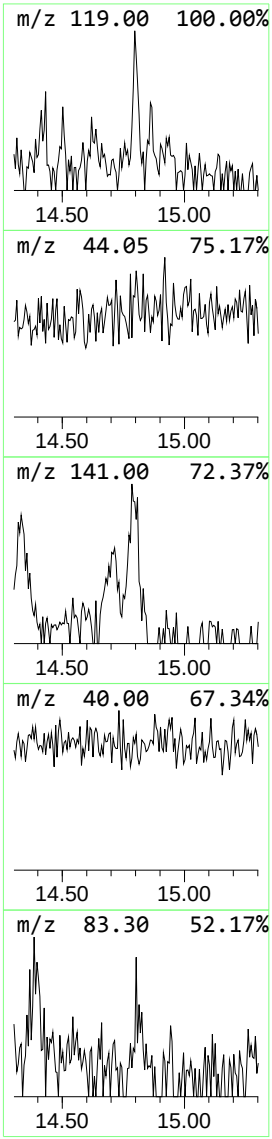
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown14.802 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.802	30.54 ug/l	34233	1,4-Dichlorobenzene-d4	13.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Dimethylamino-1-penten-3,5-dione	141	C7H11NO2	063354-23-4	22
2	1-Naphthalenemethanamine, N-methyl-	171	C12H13N	014489-75-9	12
3	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	10
4	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	10
5	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

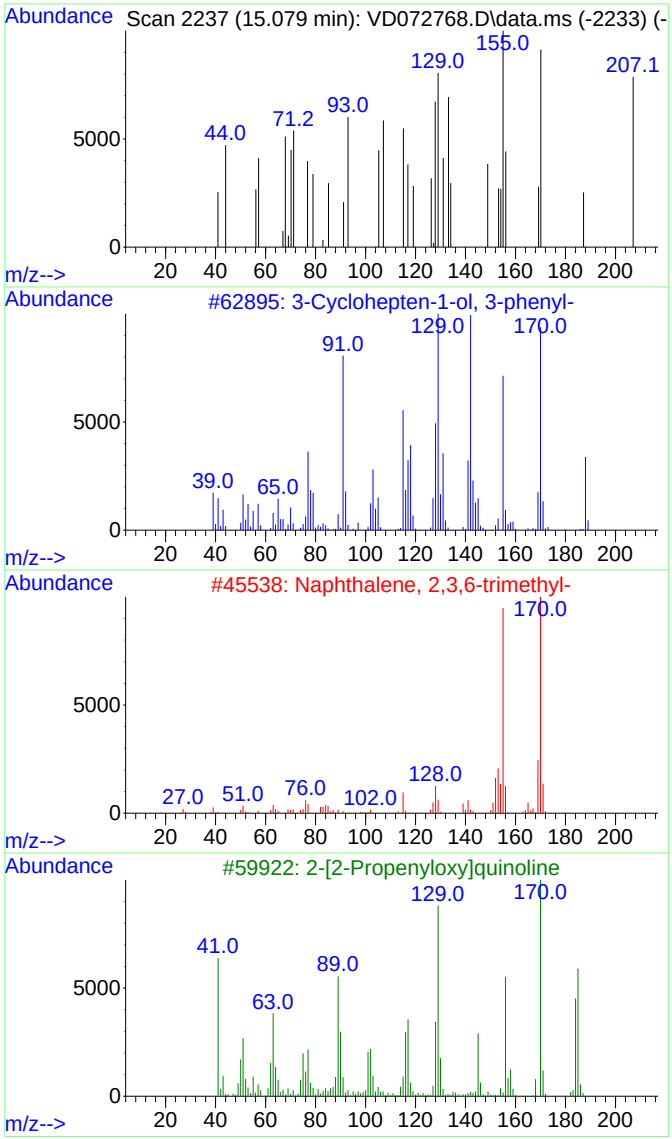
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

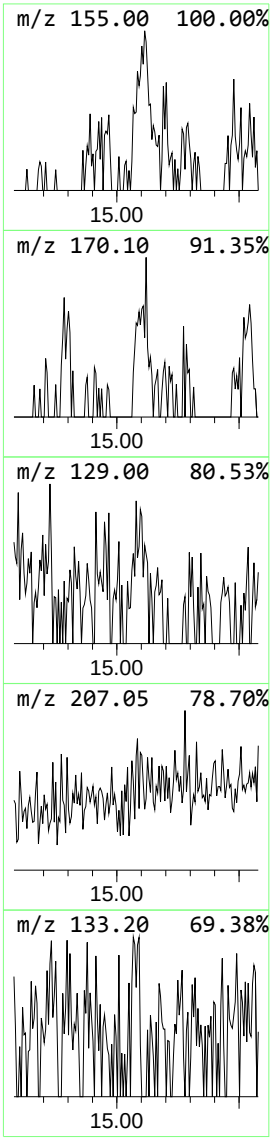
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown15.079 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.079	7.24 ug/l	8112	1,4-Dichlorobenzene-d4	13.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohepten-1-ol, 3-phenyl-	188	C13H16O	156451-84-2	43
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	27
3	2-[2-Propenyloxy]quinoline	185	C12H11NO	000945-84-6	25
4	Bicyclo[4.1.0]heptan-2-ol, 1-phe...	188	C13H16O	1010142-77-7	25
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072768.D
Acq On : 03 May 2022 14:58
Operator : VA/SY
Sample : N2641-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-21

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.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
unknown10.761	10.761	7.5	ug/l	5699	3	11.638	37970	50.0
unknown11.185	11.185	13.5	ug/l	10270	3	11.638	37970	50.0
unknown11.267	11.267	7.3	ug/l	5559	3	11.638	37970	50.0
unknown12.491	12.491	17.1	ug/l	12963	3	11.638	37970	50.0
Naphthalene, 2,...	13.379	217.5	ug/l	243822	4	13.555	56053	50.0
unknown13.691	13.691	20.0	ug/l	22464	4	13.555	56053	50.0
unknown13.885	13.885	9.3	ug/l	10450	4	13.555	56053	50.0
unknown14.802	14.802	30.5	ug/l	34233	4	13.555	56053	50.0
unknown15.079	15.079	7.2	ug/l	8112	4	13.555	56053	50.0