

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069906.D
 Acq On : 29 Jul 2021 12:41
 Operator : VA/SY
 Sample : M3216-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COM-

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\82D072221S.M
 Title : SW846 8260

Signal : TIC: VD069906.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.985	9	11	16	rVB3	2434	3429	1.49%	0.188%
2	2.232	45	53	56	rBV5	8576	23287	10.09%	1.277%
3	2.262	56	58	61	rVV3	4487	5561	2.41%	0.305%
4	2.315	65	67	69	rVV2	4011	3325	1.44%	0.182%
5	2.485	92	96	100	rBV7	4605	7894	3.42%	0.433%
6	2.538	103	105	106	rBV2	2808	2637	1.14%	0.145%
7	2.685	128	130	131	rBV2	3028	2720	1.18%	0.149%
8	2.779	144	146	151	rVB3	5648	7583	3.29%	0.416%
9	2.885	162	164	168	rVB2	2182	2853	1.24%	0.156%
10	3.150	206	209	211	rBV2	2838	2608	1.13%	0.143%
11	3.191	213	216	219	rVB3	3409	4797	2.08%	0.263%
12	3.391	249	250	256	rVB3	1959	3027	1.31%	0.166%
13	3.709	301	304	307	rBV4	2249	3699	1.60%	0.203%
14	3.932	337	342	346	rBV3	2743	3741	1.62%	0.205%
15	4.144	372	378	379	rBV3	4892	7026	3.05%	0.385%
16	4.168	380	382	385	rVV3	6130	7506	3.25%	0.412%
17	4.238	387	394	404	rVV5	11344	31811	13.79%	1.745%
18	4.403	418	422	423	rBV3	2049	2637	1.14%	0.145%
19	4.415	423	424	427	rVV2	3347	3301	1.43%	0.181%
20	4.968	513	518	520	rVV4	4576	7736	3.35%	0.424%
21	7.173	888	893	894	rBV3	3547	4872	2.11%	0.267%
22	7.820	1001	1003	1006	rBV2	2485	3592	1.56%	0.197%
23	7.909	1011	1018	1024	rVV3	34061	85052	36.87%	4.665%
24	7.973	1024	1029	1039	rVB3	56369	132664	57.50%	7.276%
25	8.050	1039	1042	1043	rBV	3059	2886	1.25%	0.158%
26	8.326	1080	1089	1100	rVV2	48434	116914	50.68%	6.412%
27	8.862	1172	1180	1188	rVV	86853	172587	74.81%	9.466%
28	8.973	1195	1199	1202	rBV2	1722	2806	1.22%	0.154%
29	9.114	1219	1223	1228	rVB4	2629	3141	1.36%	0.172%
30	9.356	1261	1264	1268	rBV3	2744	3851	1.67%	0.211%
31	9.903	1356	1357	1360	rBV2	2550	2736	1.19%	0.150%
32	10.338	1423	1431	1437	rBV	124782	230708	100.00%	12.654%
33	10.403	1437	1442	1445	rVV4	2621	4167	1.81%	0.229%
34	10.873	1519	1522	1525	rVB3	4066	4047	1.75%	0.222%
35	11.250	1582	1586	1589	rVB3	3485	4583	1.99%	0.251%
36	11.444	1618	1619	1623	rBV3	2851	3122	1.35%	0.171%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069906.D
 Acq On : 29 Jul 2021 12:41
 Operator : VA/SY
 Sample : M3216-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COM-

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\82D072221S.M
 Title : SW846 8260

37	11.638	1645	1652	1662	rVB	114877	207527	89.95%	11.382%
38	11.814	1678	1682	1684	rBV2	2699	3674	1.59%	0.202%
39	11.891	1690	1695	1696	rBV3	4745	5781	2.51%	0.317%
40	11.926	1699	1701	1703	rVB2	4444	3245	1.41%	0.178%
41	12.150	1733	1739	1743	rBV7	5938	13334	5.78%	0.731%
42	12.267	1754	1759	1761	rVB6	5092	7650	3.32%	0.420%
43	12.344	1766	1772	1775	rBV8	6498	10199	4.42%	0.559%
44	12.379	1775	1778	1779	rBV3	3326	4056	1.76%	0.222%
45	12.467	1789	1793	1795	rBV4	4445	5225	2.26%	0.287%
46	12.508	1797	1800	1803	rVB5	2631	3655	1.58%	0.200%
47	12.626	1811	1820	1827	rBV	83779	142404	61.72%	7.811%
48	12.708	1832	1834	1837	rVV3	4231	4027	1.75%	0.221%
49	12.750	1839	1841	1844	rVV4	3509	4373	1.90%	0.240%
50	12.785	1844	1847	1854	rVB7	10189	18663	8.09%	1.024%
51	12.873	1857	1862	1865	rBV6	5729	11563	5.01%	0.634%
52	12.914	1867	1869	1870	rBV2	3386	3355	1.45%	0.184%
53	12.950	1870	1875	1880	rVV7	10829	24141	10.46%	1.324%
54	13.002	1880	1884	1887	rVB5	7755	11325	4.91%	0.621%
55	13.050	1890	1892	1895	rBV4	4251	4434	1.92%	0.243%
56	13.091	1897	1899	1903	rVB4	5329	5024	2.18%	0.276%
57	13.120	1903	1904	1910	rBV6	3418	6172	2.68%	0.339%
58	13.308	1932	1936	1937	rBV4	3485	3053	1.32%	0.167%
59	13.397	1947	1951	1953	rBV5	4957	8029	3.48%	0.440%
60	13.432	1955	1957	1958	rVV2	7412	6134	2.66%	0.336%
61	13.461	1958	1962	1966	rVB5	9672	17377	7.53%	0.953%
62	13.567	1974	1980	1985	rBV	104288	177120	76.77%	9.715%
63	13.697	1999	2002	2003	rBV3	3506	4178	1.81%	0.229%
64	13.749	2008	2011	2014	rBV4	3603	5556	2.41%	0.305%
65	13.820	2021	2023	2027	rBV5	2859	3801	1.65%	0.208%
66	13.885	2029	2034	2039	rBV5	15382	28180	12.21%	1.546%
67	13.991	2050	2052	2054	rVV3	3867	2814	1.22%	0.154%
68	14.020	2054	2057	2062	rVV5	3460	5207	2.26%	0.286%
69	14.055	2062	2063	2065	rVV2	3712	3499	1.52%	0.192%
70	14.073	2065	2066	2068	rVV2	5814	3921	1.70%	0.215%
71	14.102	2070	2071	2073	rVV2	3837	2599	1.13%	0.143%
72	14.138	2073	2077	2082	rVB5	12081	17690	7.67%	0.970%
73	14.208	2085	2089	2091	rBV5	4048	4551	1.97%	0.250%
74	14.332	2108	2110	2114	rVB5	3917	5474	2.37%	0.300%
75	14.391	2118	2120	2122	rBV3	6210	5475	2.37%	0.300%
76	14.508	2138	2140	2141	rBV2	3340	3239	1.40%	0.178%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069906.D
 Acq On : 29 Jul 2021 12:41
 Operator : VA/SY
 Sample : M3216-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-COM-

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\82D072221S.M
 Title : SW846 8260

77	14.532	2142	2144	2146	rVV3	5580	5312	2.30%	0.291%
78	14.561	2146	2149	2153	rVV5	6003	10117	4.39%	0.555%
79	14.732	2177	2178	2181	rBV3	3617	3757	1.63%	0.206%
80	14.802	2187	2190	2193	rVV5	3124	3590	1.56%	0.197%
81	14.832	2193	2195	2198	rVB4	2830	2538	1.10%	0.139%
82	15.020	2224	2227	2228	rBV2	3277	3474	1.51%	0.191%
83	15.091	2236	2239	2240	rBV2	3104	3149	1.36%	0.173%
84	15.338	2279	2281	2282	rVV	4596	2787	1.21%	0.153%
85	15.355	2282	2284	2286	rVV3	5934	5492	2.38%	0.301%
86	15.391	2288	2290	2292	rVB3	5609	5039	2.18%	0.276%
87	15.420	2292	2295	2298	rBV4	3572	5235	2.27%	0.287%
88	15.526	2311	2313	2315	rBV3	2922	2980	1.29%	0.163%
89	15.573	2319	2321	2324	rBV3	3803	5438	2.36%	0.298%
90	15.891	2373	2375	2377	rBV3	2433	2566	1.11%	0.141%
91	15.932	2380	2382	2384	rBV3	3651	3507	1.52%	0.192%
92	16.008	2391	2395	2400	rBV7	4065	7140	3.09%	0.392%
93	16.055	2400	2403	2405	rVV3	2557	3192	1.38%	0.175%
94	16.108	2409	2412	2414	rBV3	5107	6339	2.75%	0.348%
95	16.185	2423	2425	2429	rBV5	3326	3848	1.67%	0.211%
96	16.508	2478	2480	2481	rBV	3306	2740	1.19%	0.150%
97	16.549	2486	2487	2490	rBV3	3430	3733	1.62%	0.205%
98	16.573	2490	2491	2493	rVV2	3410	2944	1.28%	0.161%
99	16.614	2497	2498	2501	rVB3	3006	2493	1.08%	0.137%
100	16.755	2519	2522	2523	rBV3	4812	3190	1.38%	0.175%

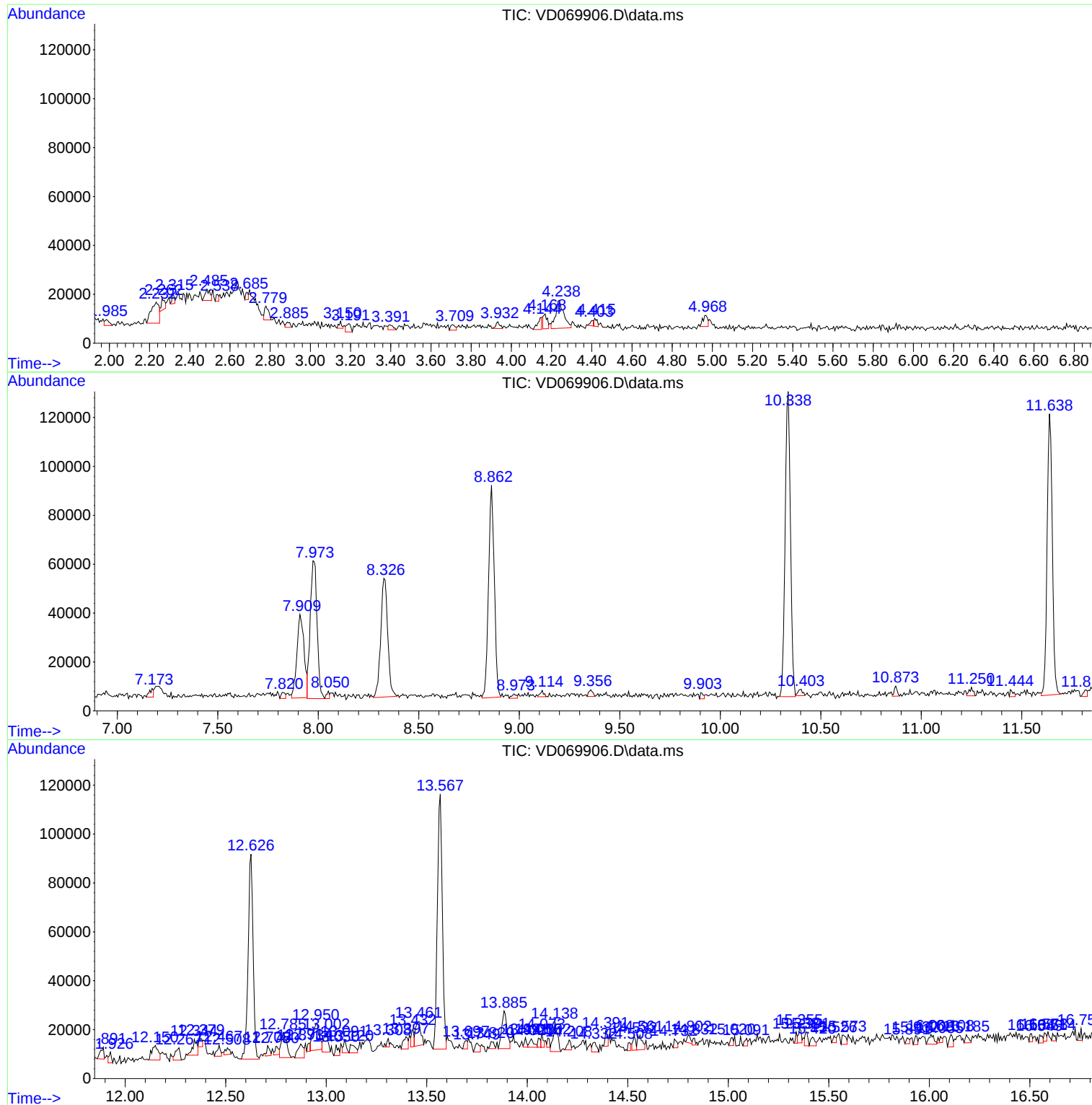
Sum of corrected areas: 1823230

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069906.D
Acq On : 29 Jul 2021 12:41
Operator : VA/SY
Sample : M3216-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069906.D
Acq On : 29 Jul 2021 12:41
Operator : VA/SY
Sample : M3216-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

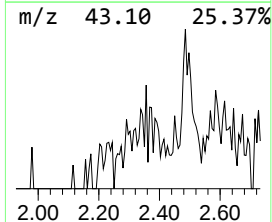
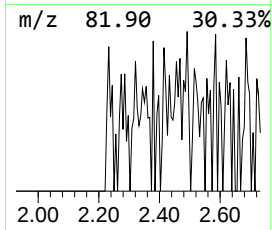
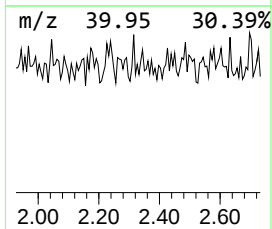
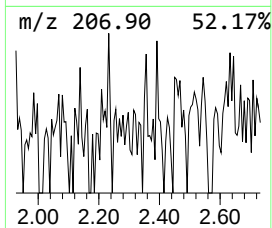
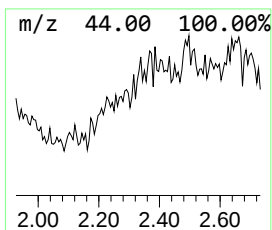
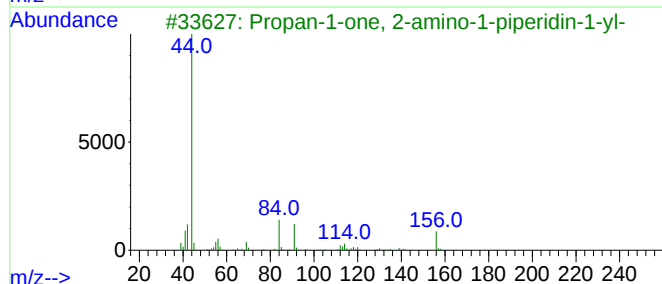
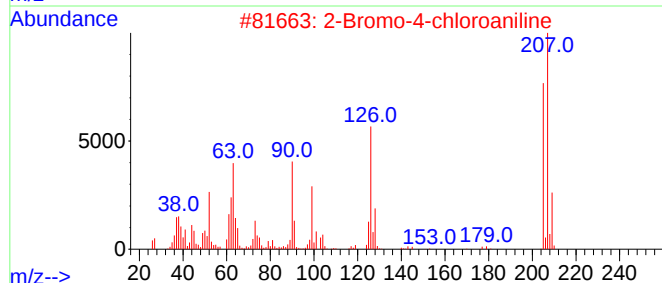
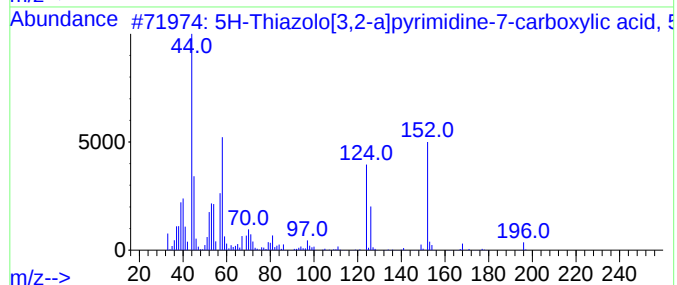
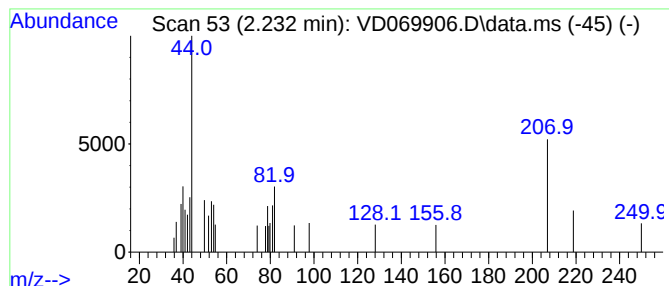
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown2.232 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.232	8.78 ug/l	23287	Pentafluorobenzene	7.973

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Thiazolo[3,2-a]pyrimidine-7-c...	196	C7H4N2O3S	1000337-52-3	25
2			2-Bromo-4-chloroaniline	205	C6H5BrClN	000873-38-1	22
3			Propan-1-one, 2-amino-1-piperidi...	156	C8H16N2O	1000305-79-9	16
4			2-Butenamide, N-(aminocarbonyl)-...	156	C7H12N2O2	000095-04-5	9
5			4-Sulfamoyl-thiophene-2-carboxyl...	207	C5H5NO4S2	1010300-36-6	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069906.D
Acq On : 29 Jul 2021 12:41
Operator : VA/SY
Sample : M3216-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

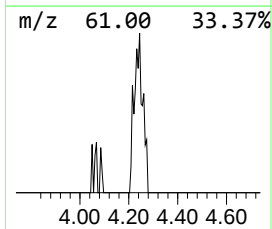
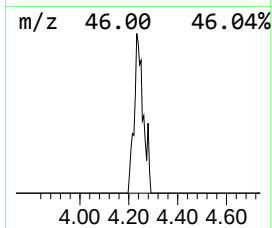
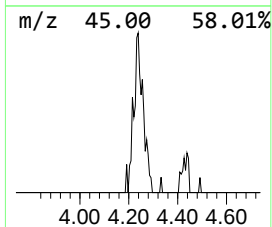
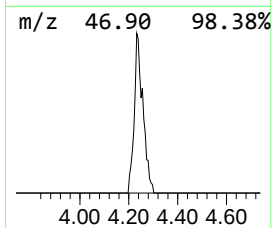
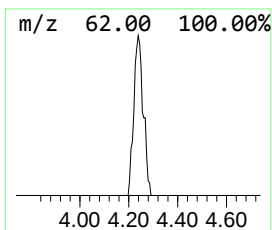
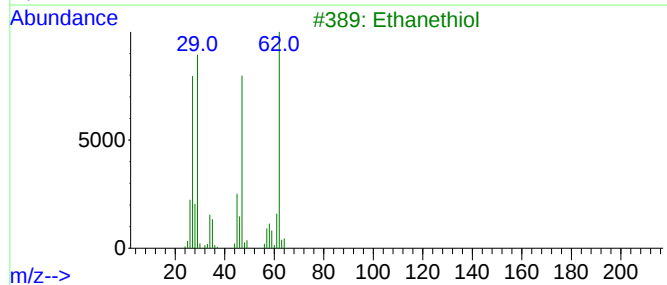
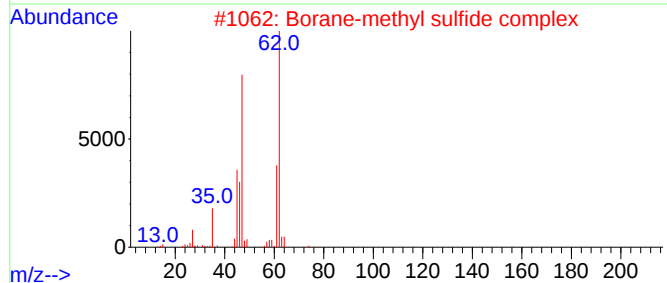
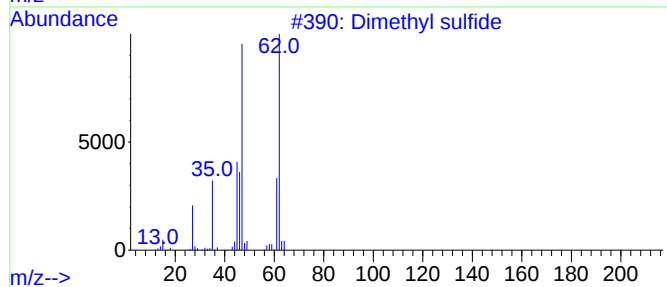
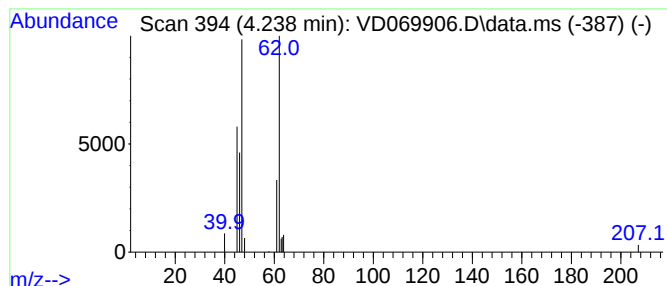
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.238	11.99 ug/l	31811	Pentafluorobenzene	7.973

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	91
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83
3			Ethanethiol	62	C2H6S	000075-08-1	56
4			Sulfonium, dimethyl-, cyanonitro...	146	C4H6N2O2S	058992-18-0	38
5			Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069906.D
Acq On : 29 Jul 2021 12:41
Operator : VA/SY
Sample : M3216-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

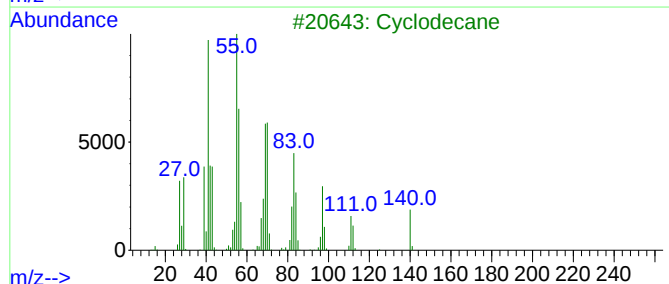
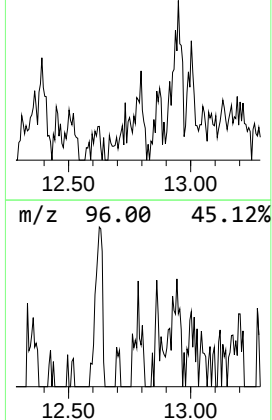
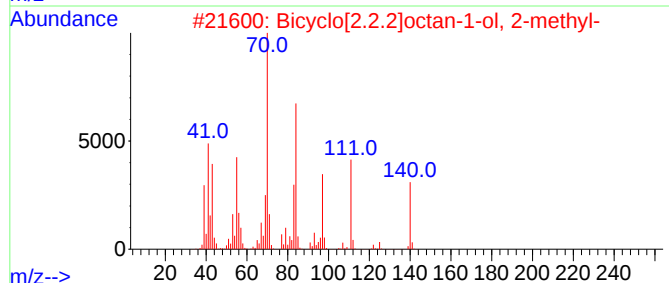
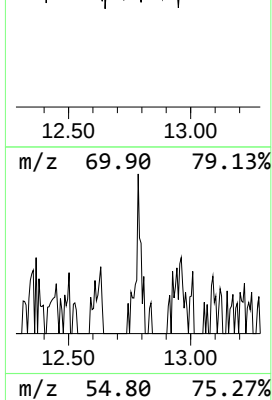
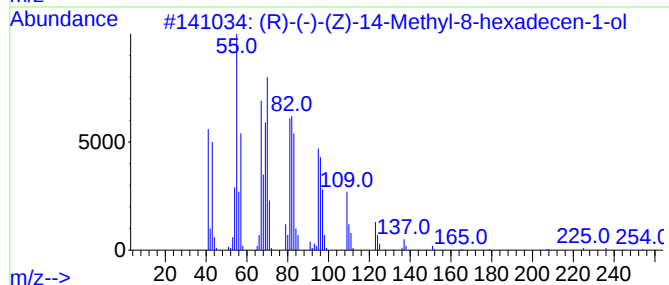
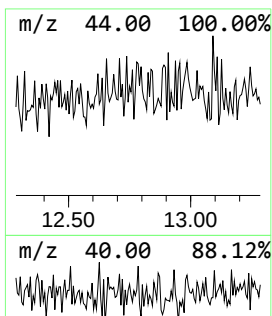
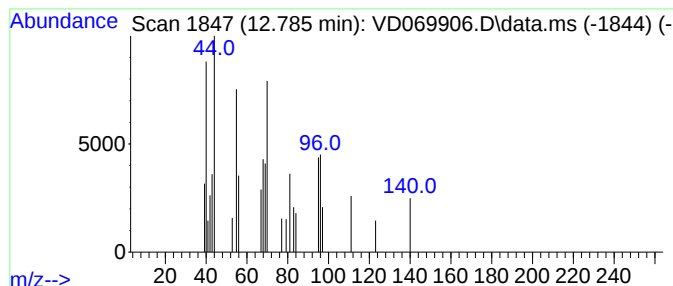
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.785 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	5.27 ug/l	18663	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-(-)-(Z)-14-Methyl-8-hexadec...	254	C17H34O	030689-78-2	40		
2	Bicyclo[2.2.2]octan-1-ol, 2-methyl-	140	C9H16O	1010258-29-6	27		
3	Cyclodecane	140	C10H20	000293-96-9	25		
4	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	22		
5	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	22		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069906.D
Acq On : 29 Jul 2021 12:41
Operator : VA/SY
Sample : M3216-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

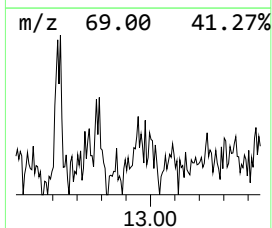
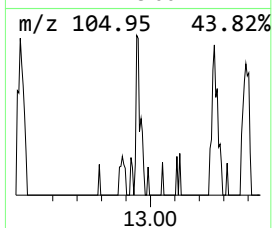
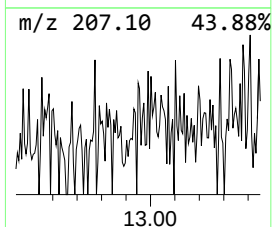
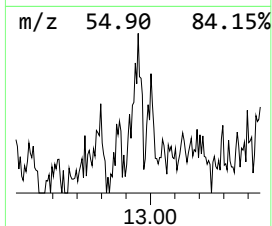
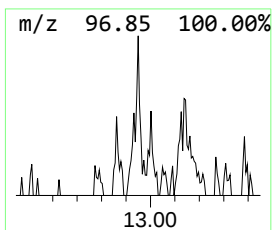
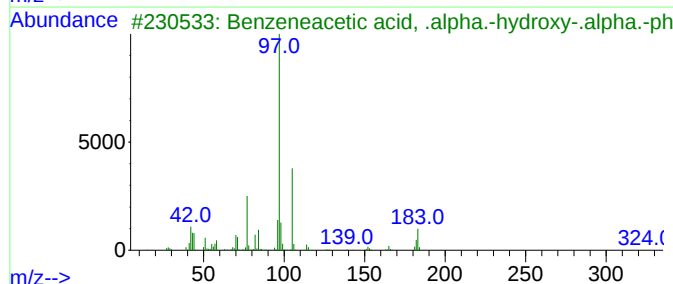
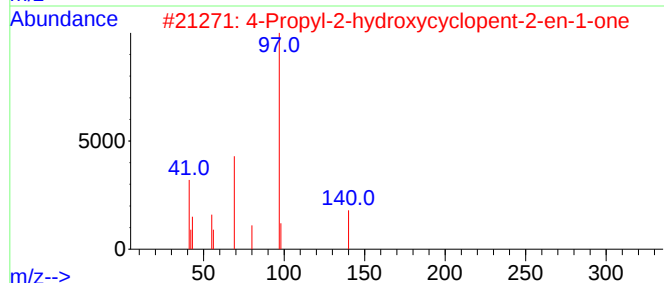
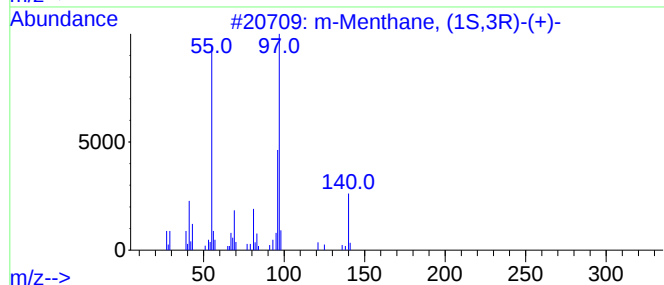
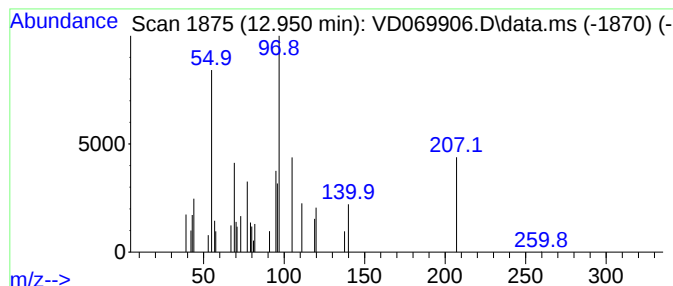
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown12.950 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	6.81 ug/l	24141	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	43
2			4-Propyl-2-hydroxycyclopent-2-en...	140	C8H12O2	082147-26-0	27
3			Benzeneacetic acid, .alpha.-hydr...	325	C20H23NO3	003321-80-0	22
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	16
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069906.D
Acq On : 29 Jul 2021 12:41
Operator : VA/SY
Sample : M3216-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

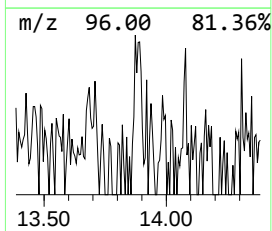
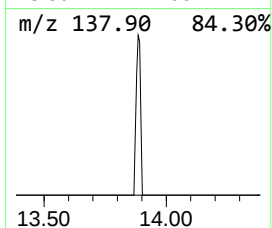
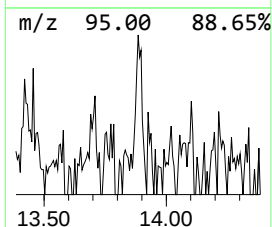
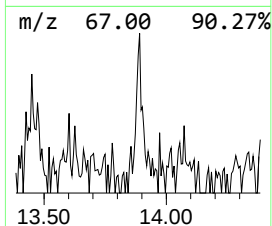
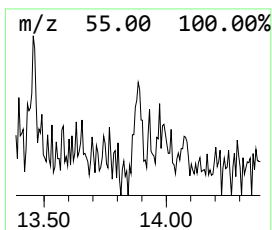
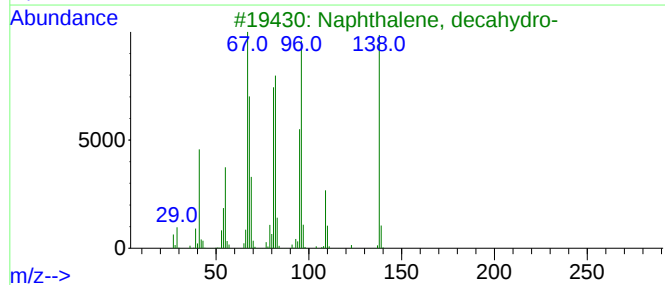
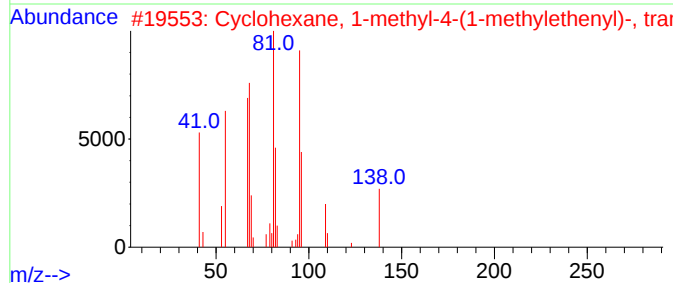
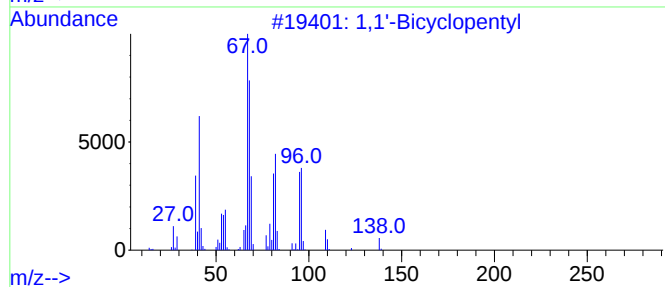
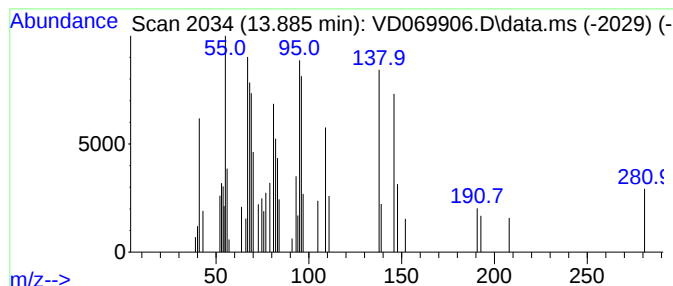
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 5 1,1'-Bicyclopentyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	7.96 ug/l	28180	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	60
2			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	49
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	46
4			Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	46
5			endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
Data File : VD069906.D
Acq On : 29 Jul 2021 12:41
Operator : VA/SY
Sample : M3216-11
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SPLP-LEACHATE-AMENDED-COM-

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.232	2.232	8.8	ug/l	23287	1	7.973	132664	50.0
Dimethyl sulfide	4.238	12.0	ug/l	31811	1	7.973	132664	50.0
unknown12.785	12.785	5.3	ug/l	18663	4	13.567	177120	50.0
unknown12.950	12.950	6.8	ug/l	24141	4	13.567	177120	50.0
1,1'-Bicyclopentyl	13.885	8.0	ug/l	28180	4	13.567	177120	50.0