

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066305.D
 Acq On : 19 Aug 2020 05:50
 Operator : VA/SY
 Sample : L3689-10
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.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	4.962	505	517	528	rBV3	40005	131886	15.36%	1.729%
2	7.914	1006	1019	1024	rBV2	139284	348294	40.55%	4.565%
3	7.973	1024	1029	1038	rVV	243285	541210	63.02%	7.094%
4	8.061	1040	1044	1051	rVB6	7747	15536	1.81%	0.204%
5	8.326	1079	1089	1099	rBV2	123006	269334	31.36%	3.530%
6	8.861	1171	1180	1190	rBV	330700	680322	79.21%	8.917%
7	9.314	1252	1257	1260	rBV4	6053	11013	1.28%	0.144%
8	10.097	1384	1390	1394	rBV3	5291	9021	1.05%	0.118%
9	10.338	1422	1431	1442	rBV	468582	858848	100.00%	11.257%
10	10.673	1483	1488	1493	rBV5	11667	18059	2.10%	0.237%
11	11.244	1577	1585	1589	rBV5	7864	14189	1.65%	0.186%
12	11.296	1589	1594	1599	rVV7	7504	14758	1.72%	0.193%
13	11.449	1615	1620	1630	rVB3	20171	37795	4.40%	0.495%
14	11.644	1644	1653	1664	rBV	433436	763862	88.94%	10.012%
15	11.773	1672	1675	1680	rVB5	5864	9237	1.08%	0.121%
16	11.838	1680	1686	1688	rBV3	10756	18633	2.17%	0.244%
17	11.896	1691	1696	1706	rVB7	12592	39196	4.56%	0.514%
18	11.991	1706	1712	1717	rBV7	6854	16227	1.89%	0.213%
19	12.049	1718	1722	1731	rVB7	12222	23733	2.76%	0.311%
20	12.149	1731	1739	1745	rBV5	31890	77081	8.97%	1.010%
21	12.214	1745	1750	1751	rBV3	13565	19225	2.24%	0.252%
22	12.308	1762	1766	1768	rBV2	15773	21004	2.45%	0.275%
23	12.355	1770	1774	1783	rVB8	31882	78158	9.10%	1.024%
24	12.455	1783	1791	1796	rBV10	30646	76018	8.85%	0.996%
25	12.573	1808	1811	1815	rBV6	13234	18703	2.18%	0.245%
26	12.632	1815	1821	1828	rVB	353887	588972	68.58%	7.720%
27	12.726	1828	1837	1842	rBV6	31233	99392	11.57%	1.303%
28	12.796	1845	1849	1856	rVB5	35790	74500	8.67%	0.976%
29	12.879	1856	1863	1867	rBV6	30473	81212	9.46%	1.064%
30	12.961	1871	1877	1885	rVV6	29054	81900	9.54%	1.073%
31	13.096	1896	1900	1905	rVB6	29474	47310	5.51%	0.620%
32	13.190	1909	1916	1917	rBV5	18688	25989	3.03%	0.341%
33	13.279	1927	1931	1935	rBV7	25680	48636	5.66%	0.637%
34	13.402	1948	1952	1956	rBV7	23764	52215	6.08%	0.684%

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35	13.443	1956	1959	1961	rVV3	16406	18141	2.11%	0.238%
36	13.502	1966	1969	1973	rVV5	19602	23612	2.75%	0.309%
37	13.579	1975	1982	1990	rVB	355681	620890	72.29%	8.138%
38	13.643	1990	1993	1997	rBV5	10089	19011	2.21%	0.249%
39	13.708	2000	2004	2010	rVB6	21807	41575	4.84%	0.545%
40	13.767	2010	2014	2017	rBV6	11242	19368	2.26%	0.254%
41	13.902	2030	2037	2043	rBV4	100257	189677	22.09%	2.486%
42	14.002	2050	2054	2063	rVB4	17439	42949	5.00%	0.563%
43	14.108	2068	2072	2082	rVB10	44628	114827	13.37%	1.505%
44	14.226	2087	2092	2097	rBV9	12634	29564	3.44%	0.387%
45	14.290	2097	2103	2109	rVV6	37165	87481	10.19%	1.147%
46	14.361	2109	2115	2119	rVV6	28859	76844	8.95%	1.007%
47	14.408	2119	2123	2126	rVV2	78406	127982	14.90%	1.677%
48	14.443	2126	2129	2137	rVB3	61781	113099	13.17%	1.482%
49	14.573	2143	2151	2156	rBV5	69933	156150	18.18%	2.047%
50	14.620	2157	2159	2166	rVB6	23135	40543	4.72%	0.531%
51	14.732	2174	2178	2182	rBV3	19499	32374	3.77%	0.424%
52	14.837	2189	2196	2201	rBV10	22714	53264	6.20%	0.698%
53	14.890	2201	2205	2212	rVB8	19984	36038	4.20%	0.472%
54	15.002	2220	2224	2225	rBV3	15593	16765	1.95%	0.220%
55	15.037	2226	2230	2233	rVB5	27567	40560	4.72%	0.532%
56	15.102	2238	2241	2245	rVB5	26740	39065	4.55%	0.512%
57	15.167	2246	2252	2256	rBV7	26856	63256	7.37%	0.829%
58	15.308	2272	2276	2281	rVB6	20387	38595	4.49%	0.506%
59	15.361	2282	2285	2291	rVB6	17897	31446	3.66%	0.412%
60	15.443	2294	2299	2304	rBV6	26211	55425	6.45%	0.726%
61	15.555	2313	2318	2325	rVB5	45784	106543	12.41%	1.396%
62	15.684	2336	2340	2341	rBV4	9809	14436	1.68%	0.189%
63	15.784	2352	2357	2362	rBV8	11667	22118	2.58%	0.290%
64	15.908	2374	2378	2383	rVB8	12690	24424	2.84%	0.320%
65	15.996	2391	2393	2399	rVB7	12725	17564	2.05%	0.230%
66	16.061	2400	2404	2405	rBV4	5995	8836	1.03%	0.116%
67	16.226	2425	2432	2437	rVB8	14442	30246	3.52%	0.396%
68	16.643	2498	2503	2506	rBV5	4785	9155	1.07%	0.120%
69	16.702	2506	2513	2521	rVB9	18772	56137	6.54%	0.736%

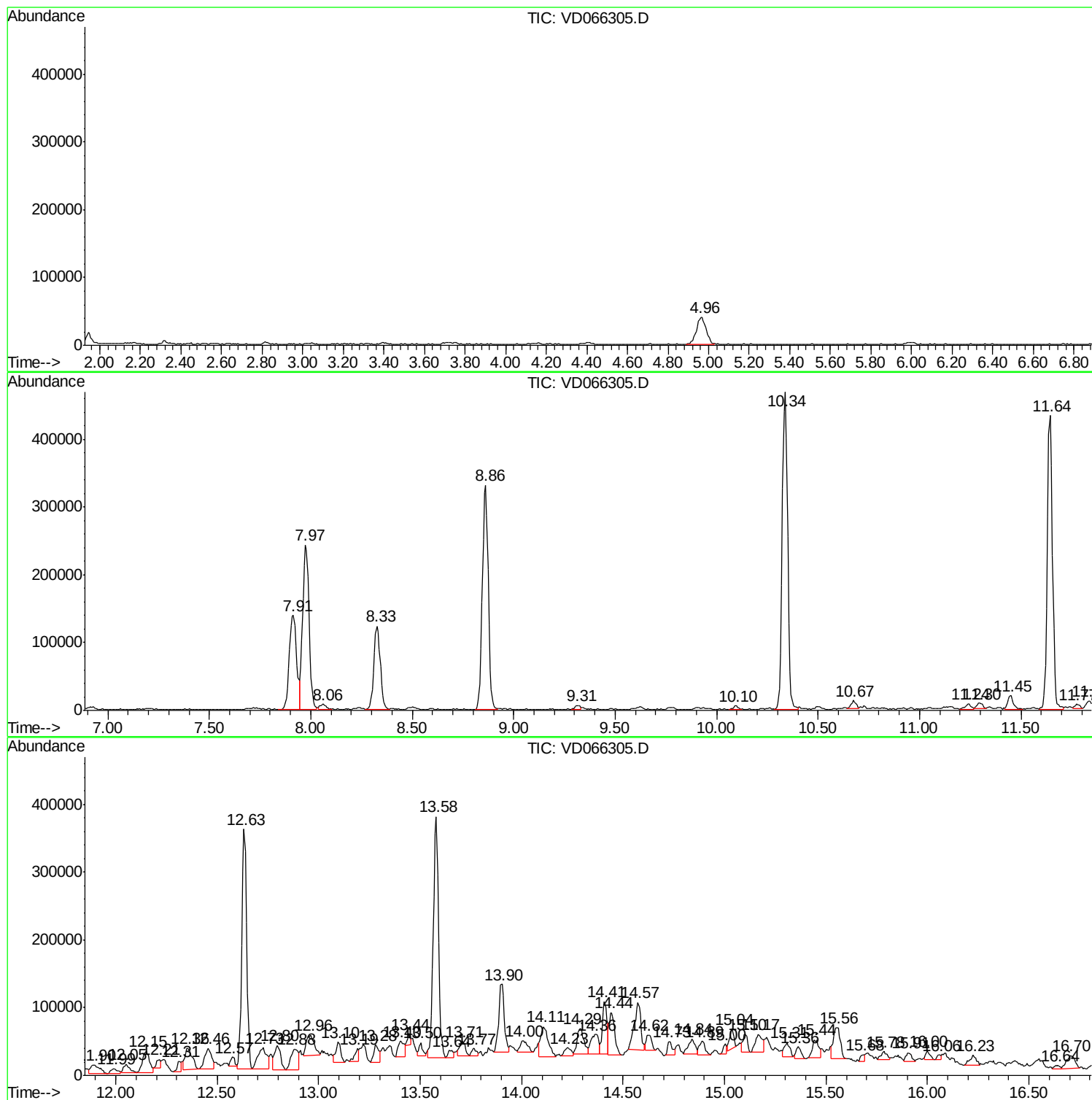
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TP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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



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ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
TP-3

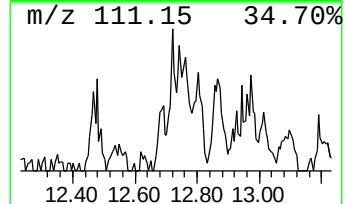
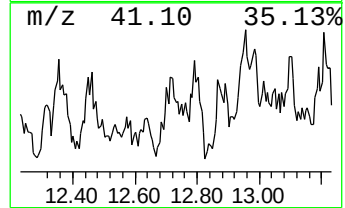
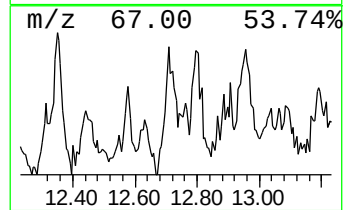
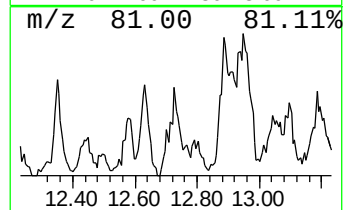
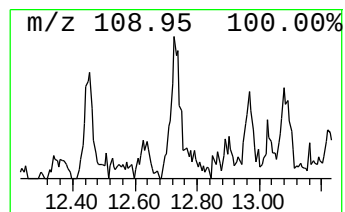
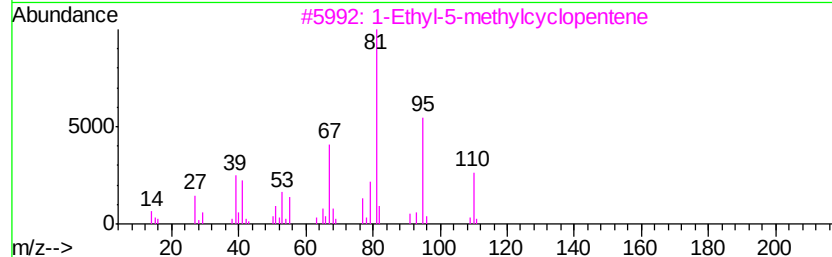
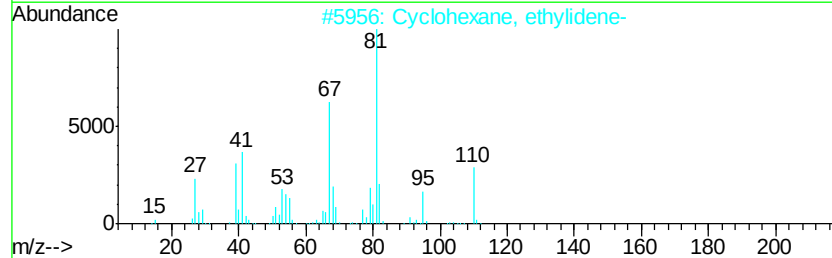
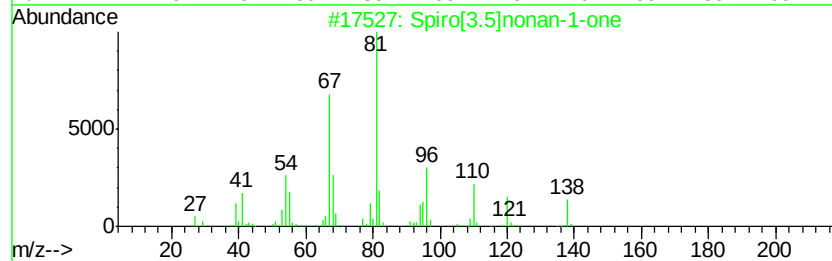
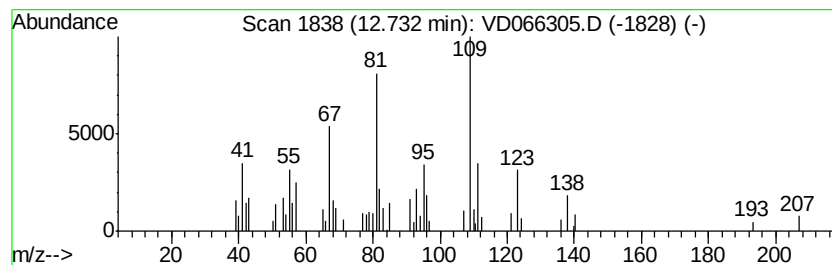
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	8.00 ug/l	99392	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spino[3.5]nonan-1-one	138	C9H14O	029800-45-1	38
2		Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
3		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
4		3-Octyne, 7-methyl-	124	C9H16	037050-06-9	35
5		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	35



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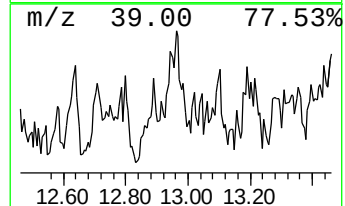
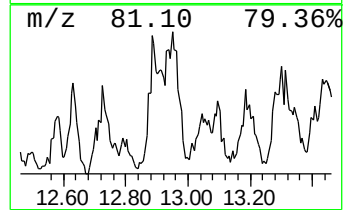
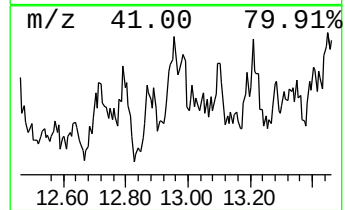
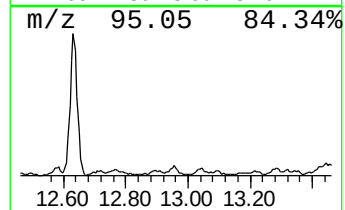
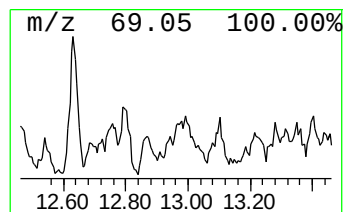
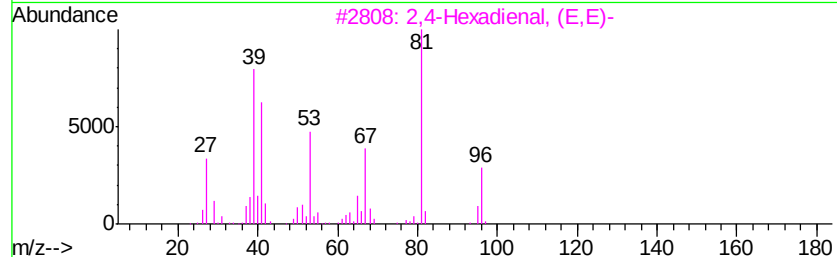
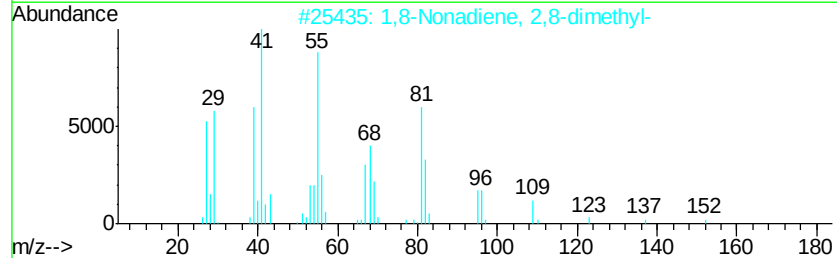
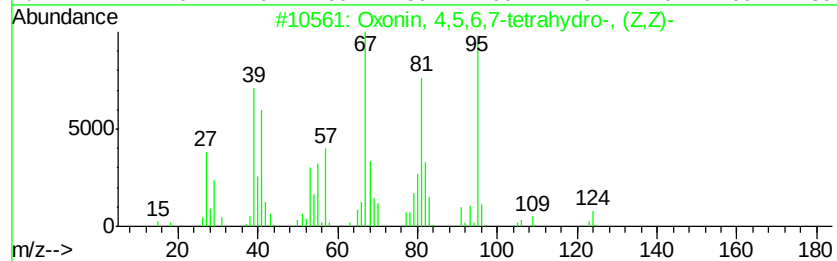
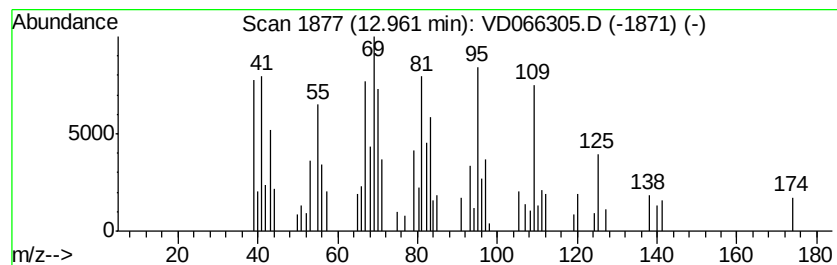
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 3 Oxonin, 4,5,6,7-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.96	6.60 ug/l	81900	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxonin, 4,5,6,7-tetrahydro-, (Z,Z)-	124	C8H12O	017123-56-7	53
2		1,8-Nonadiene, 2,8-dimethyl-	152	C11H20	020054-25-5	47
3		2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	38
4		Cyclohexanone, 2-(2-propenyl)-	138	C9H14O	000094-66-6	38
5		1H-Pyrrolo[1,2-c]imidazole-1,3(2...	140	C6H8N2O2	1000351-31-8	35



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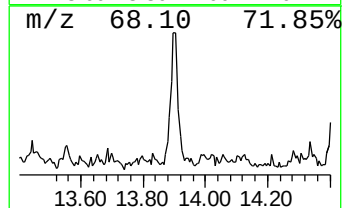
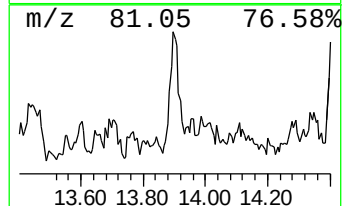
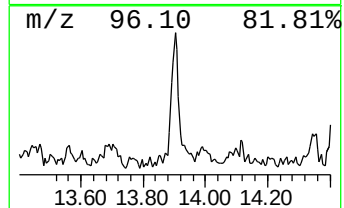
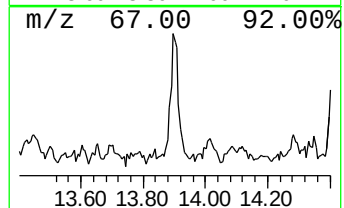
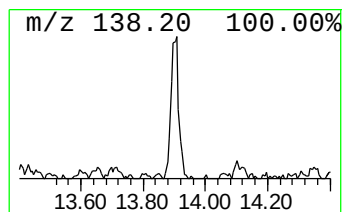
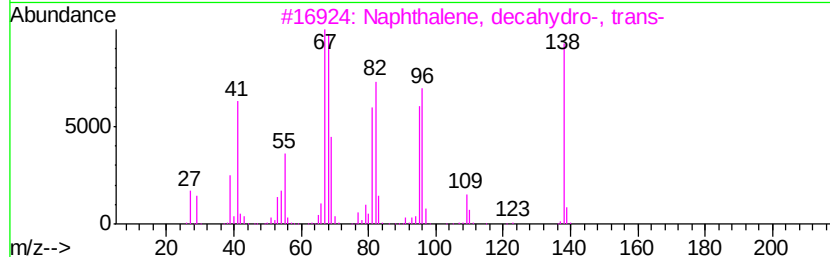
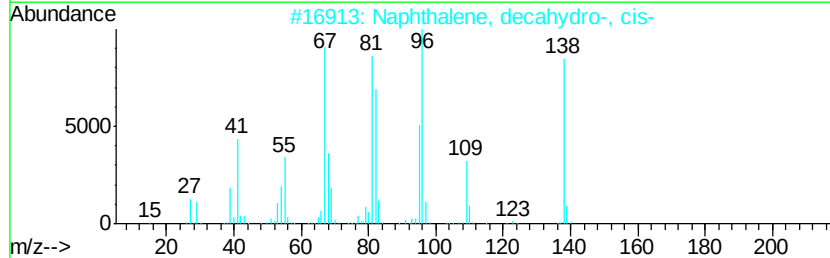
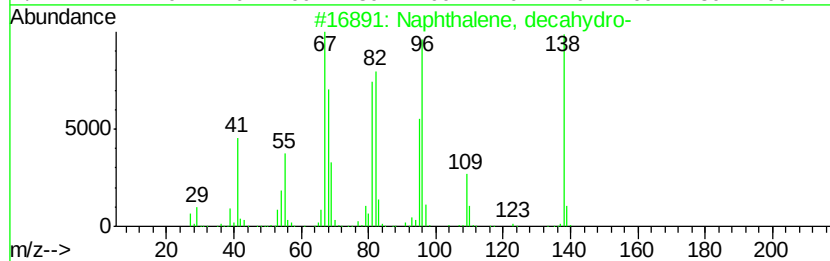
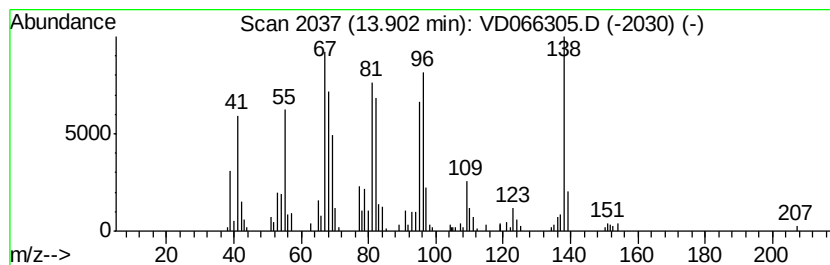
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	15.27 ug/l	189677	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
4		Spiro[4.5]decane	138	C10H18	000176-63-6	87
5		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76



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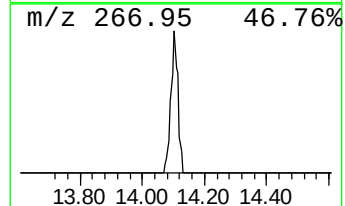
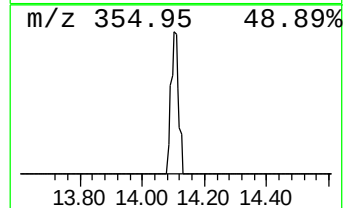
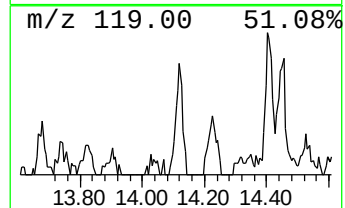
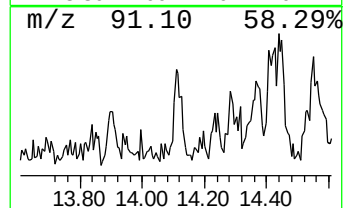
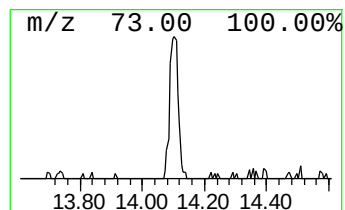
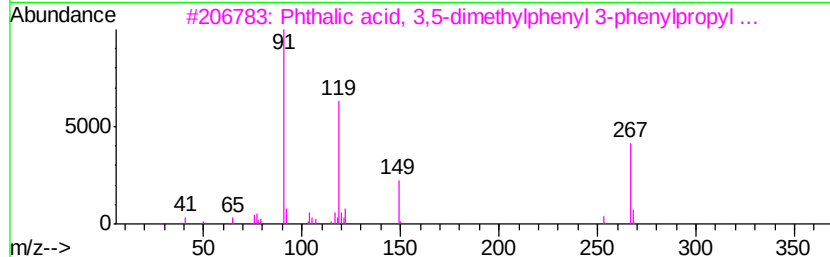
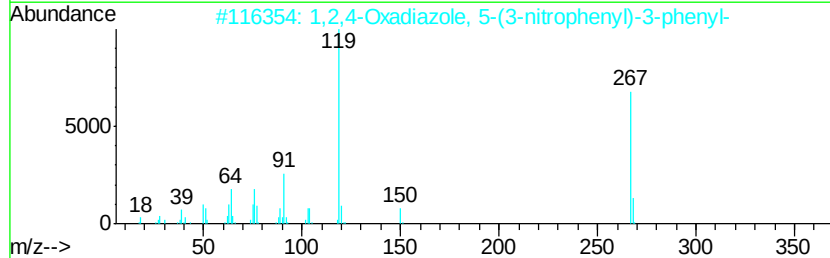
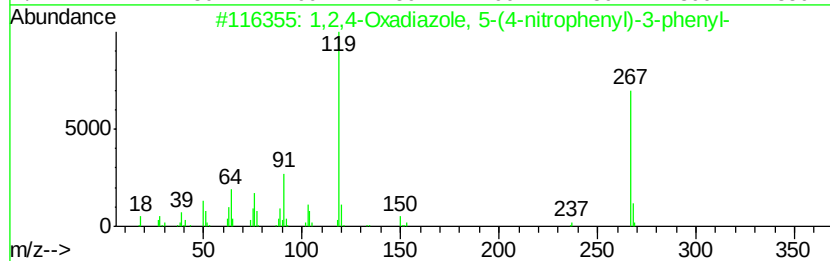
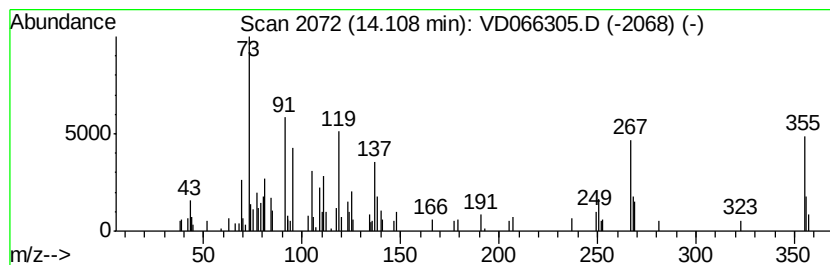
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	9.25 ug/l	114827	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4-Oxadiazole, 5-(4-nitrophen...	267	C14H9N3O3	028825-12-9	22
2		1,2,4-Oxadiazole, 5-(3-nitrophen...	267	C14H9N3O3	028825-11-8	22
3		Phthalic acid, 3,5-dimethylphenyl...	388	C25H24O4	1000315-58-9	22
4		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	16
5		5,5-Dioxo-1-phenyl-hexahydro-5.l...	251	C12H13N3O3S	1000297-20-0	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066305.D
Acq On : 19 Aug 2020 05:50
Operator : VA/SY
Sample : L3689-10
Misc : 7.61G/5.00ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

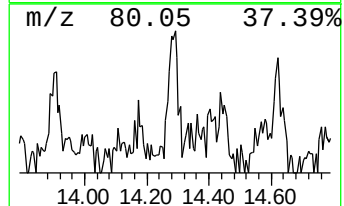
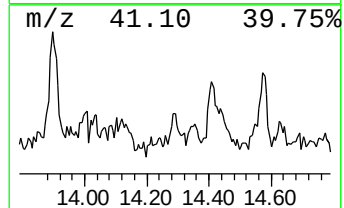
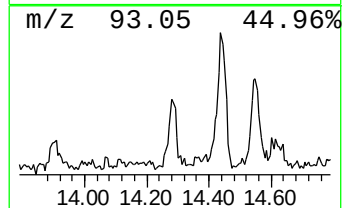
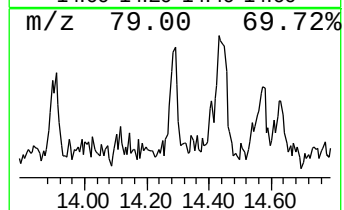
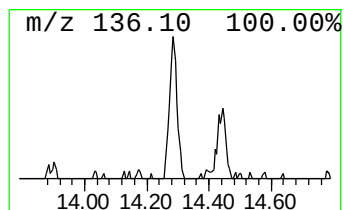
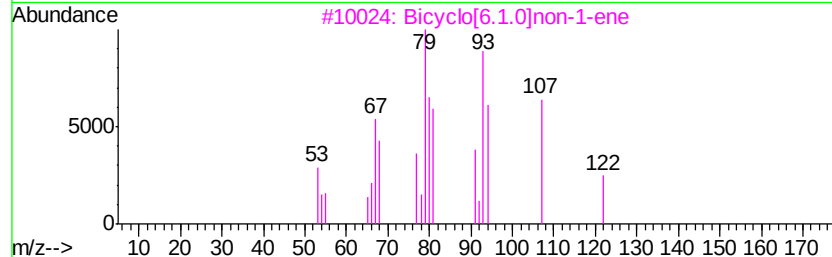
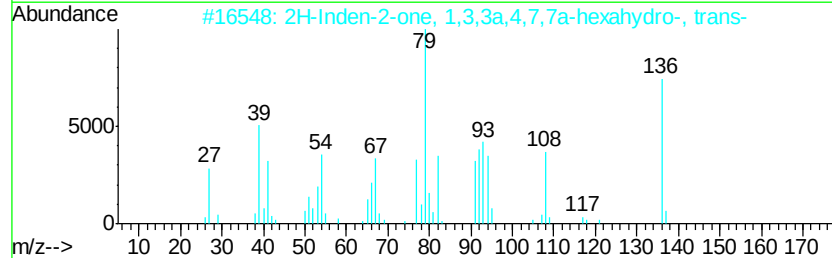
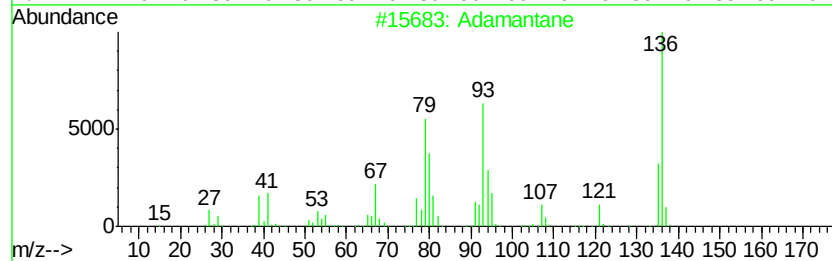
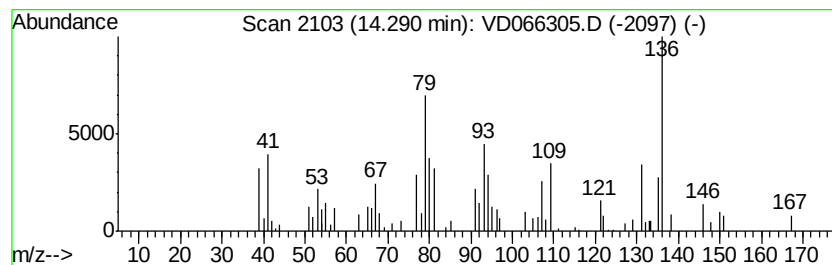
Instrument :
MSVOA_D
ClientSampleId :
TP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 6 Adamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.04 ug/l	87481	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 94
2	2H-Inden-2-one, 1,3,3a,4,7,7a-he...		136 C9H12O	007077-08-9 52
3	Bicyclo[6.1.0]non-1-ene		122 C9H14	002570-06-1 46
4	Bicyclo[5.2.0]non-1-ene		122 C9H14	065811-17-8 46
5	Bicyclo[3.3.0]octan-2-one, 7-met...		150 C10H14O	1000154-23-1 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066305.D
Acq On : 19 Aug 2020 05:50
Operator : VA/SY
Sample : L3689-10
Misc : 7.61G/5.00ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

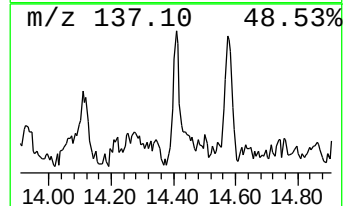
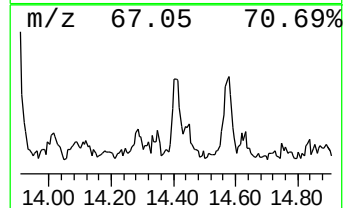
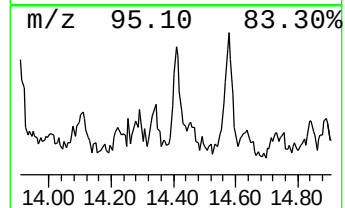
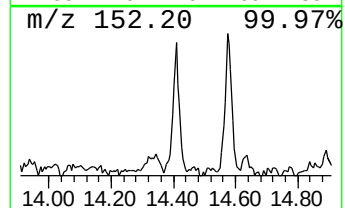
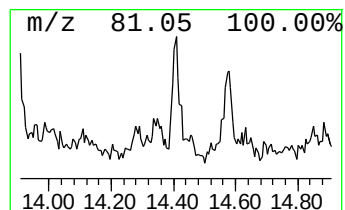
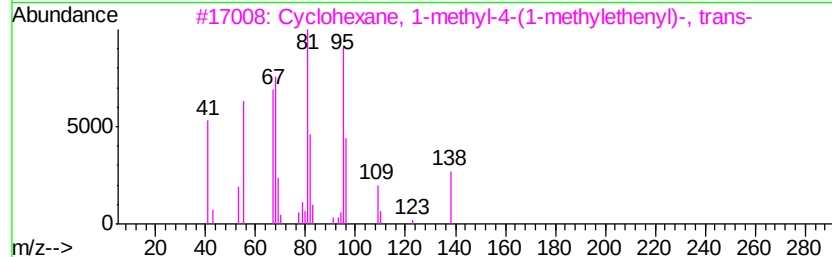
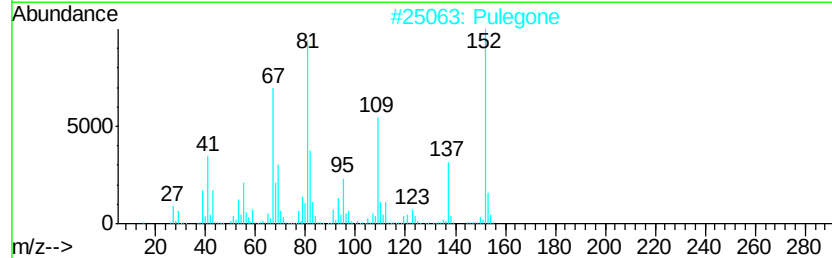
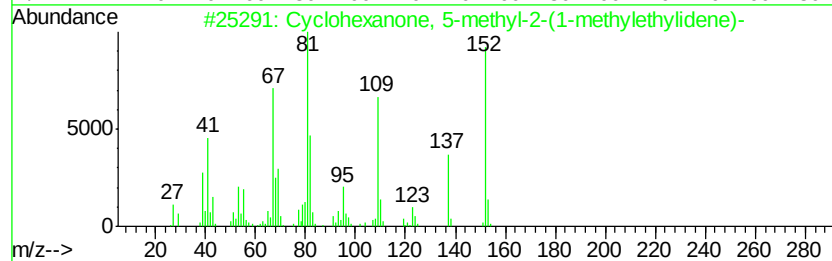
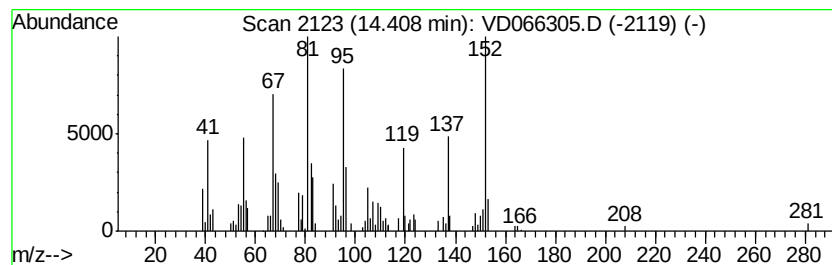
Instrument :
MSVOA_D
ClientSampled :
TP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexanone, 5-methyl-2-(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.41	10.31 ug/l	127982	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	83
2	Pulegone	152	C10H16O	000089-82-7	60
3	Cyclohexane, 1-methyl-4-(1-methv...	138	C10H18	001124-25-0	49
4	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	43
5	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066305.D
Acq On : 19 Aug 2020 05:50
Operator : VA/SY
Sample : L3689-10
Misc : 7.61G/5.00ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

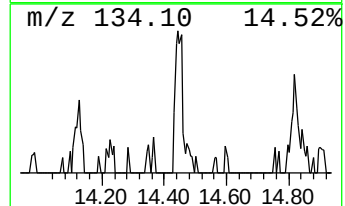
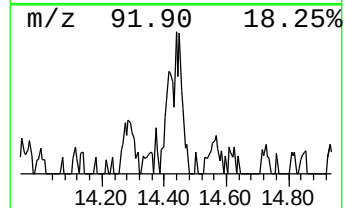
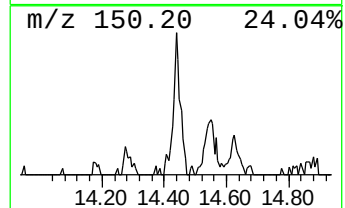
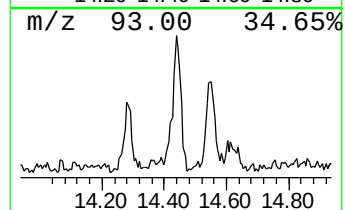
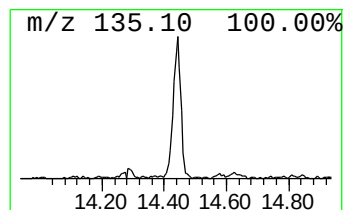
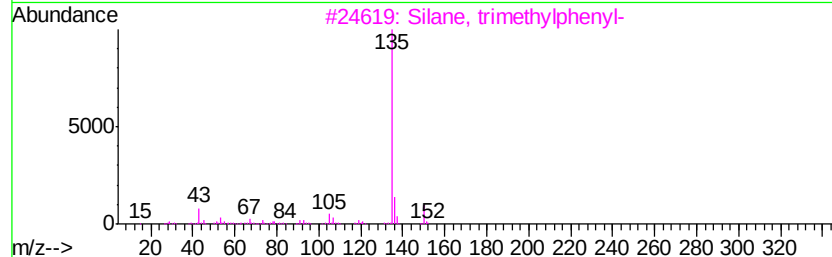
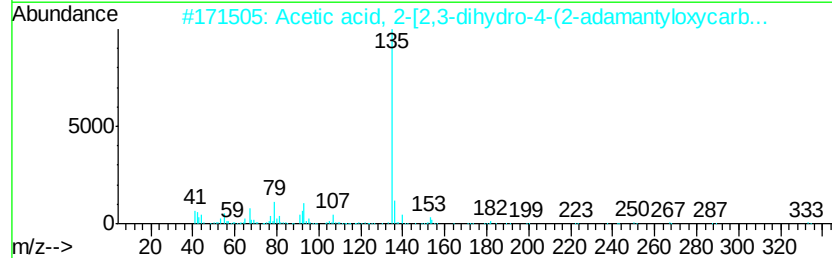
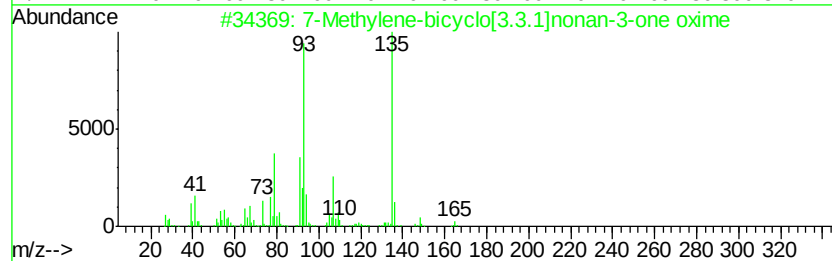
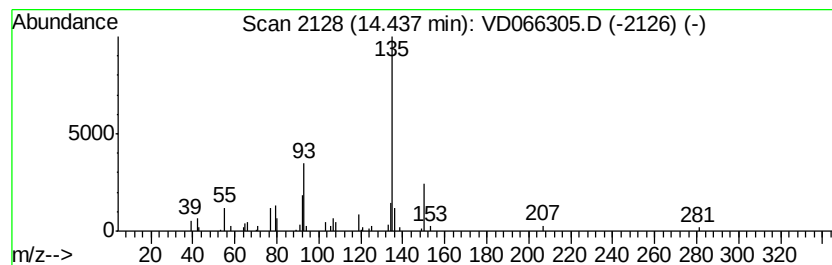
Instrument :
MSVOA_D
ClientSampleId :
TP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 8 7-Methylene-bicyclo[3.3.1]n... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.44	9.11 ug/l	113099	1,4-Dichlorobenzene-d4	13.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylene-bicyclo[3.3.1]nonan-...	165	C10H15NO	1000185-68-5	59	
2	Acetic acid, 2-[2,3-dihydro-4-(2...	333	C18H23NO5	1000294-10-3	53	
3	Silane, trimethylphenyl-	150	C9H14Si	000768-32-1	53	
4	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	50	
5	Thymol	150	C10H14O	000089-83-8	50	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066305.D
Acq On : 19 Aug 2020 05:50
Operator : VA/SY
Sample : L3689-10
Misc : 7.61G/5.00ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

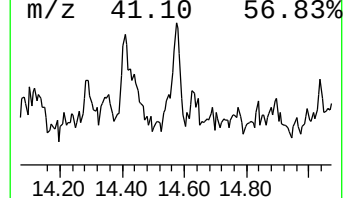
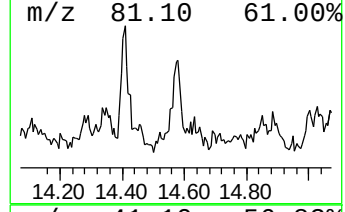
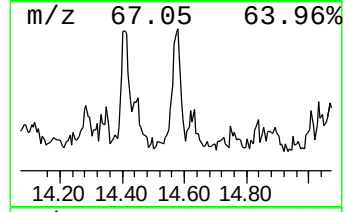
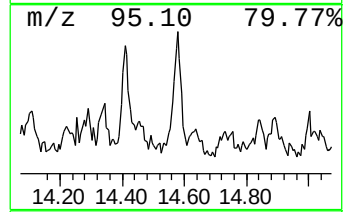
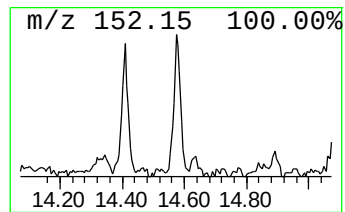
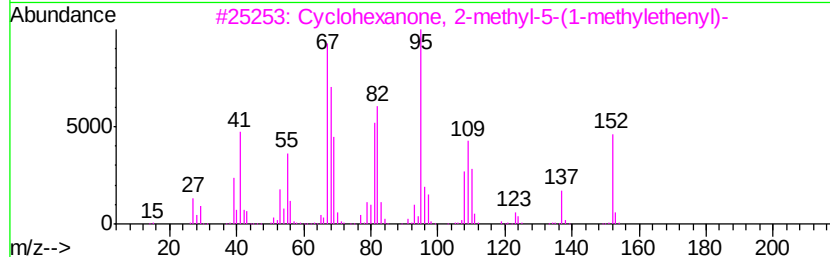
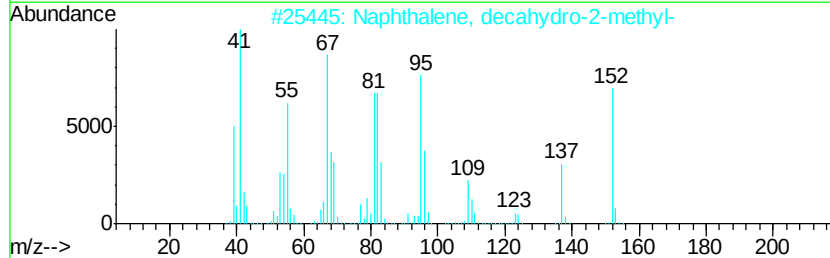
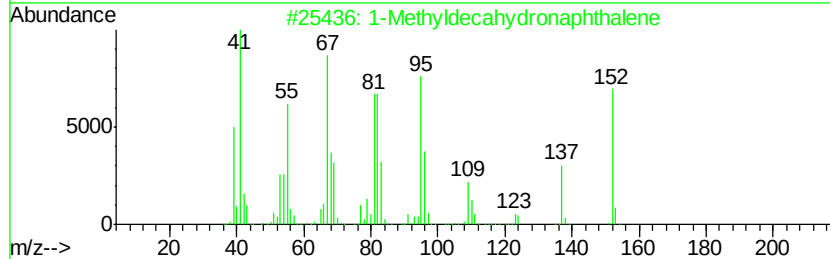
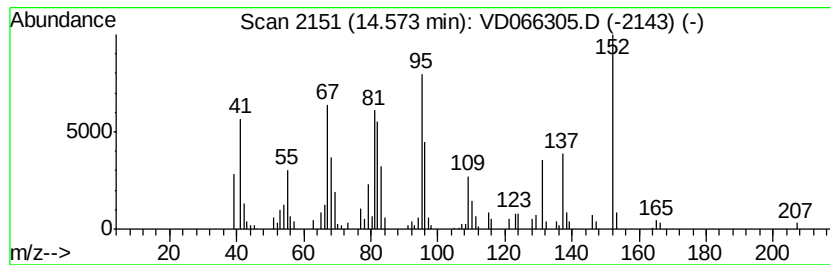
Instrument :
MSVOA_D
ClientSampled :
TP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

Peak Number 9 1-Methyldecahydronaphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	12.57 ug/l	156150	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 94
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 94
3		Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	007764-50-3 68
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 62
5		Methanimidamide, N,N-dimethyl-N'...	152 C7H12N4	1000327-41-1 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
Data File : VD066305.D
Acq On : 19 Aug 2020 05:50
Operator : VA/SY
Sample : L3689-10
Misc : 7.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown12.88	12.88	6.5	ug/l	81212	4	13.58	620890	50.0
Oxonin, 4,5,6,7-t...	12.96	6.6	ug/l	81900	4	13.58	620890	50.0
Naphthalene, deca...	13.90	15.3	ug/l	189677	4	13.58	620890	50.0
unknown14.11	14.11	9.3	ug/l	114827	4	13.58	620890	50.0
Adamantane	14.29	7.0	ug/l	87481	4	13.58	620890	50.0
Cyclohexanone, 5-...	14.41	10.3	ug/l	127982	4	13.58	620890	50.0
7-Methylene-bicyc...	14.44	9.1	ug/l	113099	4	13.58	620890	50.0
1-Methyldecahydro...	14.57	12.6	ug/l	156150	4	13.58	620890	50.0