

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061807.D
 Acq On : 16 Apr 2019 13:20
 Operator : VA/AP
 Sample : K2347-02
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG02

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\82D041519S.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	1.519	5	10	33	rVB	374791	1748784	22.37%	1.839%
2	2.218	77	81	90	rBV	90143	187504	2.40%	0.197%
3	3.281	185	189	199	rVB	118934	307775	3.94%	0.324%
4	3.832	240	245	262	rVB	78515	238512	3.05%	0.251%
5	6.943	554	561	568	rBV	300667	890398	11.39%	0.936%
6	7.061	568	573	586	rVB	260114	738563	9.45%	0.777%
7	7.465	608	614	628	rBV	215003	579113	7.41%	0.609%
8	8.233	686	692	705	rBV	450282	1146033	14.66%	1.205%
9	10.418	906	914	927	rVB2	112949	297229	3.80%	0.313%
10	10.940	961	967	973	rBB2	31589	83375	1.07%	0.088%
11	11.491	1019	1023	1027	rBV	58291	106911	1.37%	0.112%
12	11.639	1032	1038	1040	rBV	47379	101314	1.30%	0.107%
13	11.678	1040	1042	1046	rVV2	45223	111692	1.43%	0.117%
14	11.757	1046	1050	1054	rVB3	42055	95980	1.23%	0.101%
15	11.836	1054	1058	1062	rBV	158294	340435	4.36%	0.358%
16	11.905	1062	1065	1071	rVV3	61450	148563	1.90%	0.156%
17	12.013	1071	1076	1078	rVV3	33713	89532	1.15%	0.094%
18	12.072	1078	1082	1084	rVV	92369	177395	2.27%	0.187%
19	12.131	1084	1088	1090	rVV	151015	326920	4.18%	0.344%
20	12.180	1090	1093	1097	rVB2	77341	167636	2.14%	0.176%
21	12.308	1102	1106	1109	rBV	90728	200363	2.56%	0.211%
22	12.367	1109	1112	1116	rVB	183257	316328	4.05%	0.333%
23	12.446	1116	1120	1126	rVB5	45947	132956	1.70%	0.140%
24	12.545	1126	1130	1135	rBV	111408	252596	3.23%	0.266%
25	12.643	1135	1140	1143	rBV2	160845	424885	5.44%	0.447%
26	12.702	1143	1146	1149	rVB	256482	402037	5.14%	0.423%
27	12.761	1149	1152	1158	rVB	160133	312705	4.00%	0.329%
28	12.860	1158	1162	1166	rBV2	111098	225645	2.89%	0.237%
29	12.928	1166	1169	1173	rVB2	60779	105360	1.35%	0.111%
30	13.007	1173	1177	1183	rBV3	509830	1323070	16.93%	1.391%
31	13.096	1183	1186	1190	rBV2	321191	570631	7.30%	0.600%
32	13.224	1193	1199	1202	rBV2	733603	1370542	17.53%	1.441%
33	13.342	1208	1211	1216	rVB	956876	1659431	21.23%	1.745%
34	13.411	1216	1218	1221	rVB2	216024	341889	4.37%	0.360%

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35	13.480	1221	1225	1229	rBV3	589850	1508852	19.30%	1.587%
36	13.558	1229	1233	1237	rVB5	437084	897039	11.48%	0.943%
37	13.618	1237	1239	1242	rBV3	153652	301401	3.86%	0.317%
38	13.667	1242	1244	1246	rBV	481040	675242	8.64%	0.710%
39	13.716	1246	1249	1256	rVB2	1144983	2175579	27.83%	2.288%
40	13.824	1256	1260	1264	rBV5	535234	1372671	17.56%	1.443%
41	13.923	1264	1270	1273	rBV4	980664	2841628	36.36%	2.988%
42	13.972	1273	1275	1278	rVB2	1140222	1780277	22.78%	1.872%
43	14.031	1278	1281	1283	rBV3	473717	775111	9.92%	0.815%
44	14.070	1283	1285	1286	rBV	320090	371681	4.76%	0.391%
45	14.120	1286	1290	1293	rBV3	971672	1971082	25.22%	2.073%
46	14.169	1293	1295	1296	rBV	525517	725211	9.28%	0.763%
47	14.208	1296	1299	1302	rVB	2441582	3108621	39.77%	3.269%
48	14.267	1302	1305	1309	rVB3	1154103	2185532	27.96%	2.298%
49	14.336	1309	1312	1313	rBV	856827	1448499	18.53%	1.523%
50	14.385	1313	1317	1320	rVB4	1215365	2234752	28.59%	2.350%
51	14.444	1320	1323	1325	rBV3	1035673	1810786	23.17%	1.904%
52	14.523	1329	1331	1333	rBV2	1119459	1614830	20.66%	1.698%
53	14.563	1333	1335	1337	rVB2	575436	624630	7.99%	0.657%
54	14.592	1337	1338	1340	rVB2	469181	380164	4.86%	0.400%
55	14.651	1342	1344	1348	rVB	1628308	2084013	26.66%	2.191%
56	14.710	1348	1350	1351	rBV2	358488	520774	6.66%	0.548%
57	14.740	1351	1353	1355	rVB2	538518	695183	8.89%	0.731%
58	14.779	1355	1357	1359	rBV2	898351	1572482	20.12%	1.654%
59	14.819	1359	1361	1364	rBV3	1282074	2524446	32.30%	2.655%
60	14.897	1366	1369	1370	rBV3	1041944	1376414	17.61%	1.447%
61	15.025	1379	1382	1390	rVB6	2046939	7816110	100.00%	8.219%
62	15.143	1390	1394	1399	rVV5	1581590	5279788	67.55%	5.552%
63	15.232	1399	1403	1405	rVV3	1702783	4017058	51.39%	4.224%
64	15.291	1405	1409	1411	rVV3	2338517	4507581	57.67%	4.740%
65	15.330	1411	1413	1414	rVV	1744008	2603739	33.31%	2.738%
66	15.390	1417	1419	1421	rVV3	839490	1517472	19.41%	1.596%
67	15.439	1421	1424	1426	rVV2	2570617	4422125	56.58%	4.650%
68	15.478	1426	1428	1431	rVV4	1012436	2340001	29.94%	2.461%
69	15.537	1431	1434	1436	rVV3	880548	1785611	22.85%	1.878%
70	15.586	1437	1439	1443	rVV4	708383	1885941	24.13%	1.983%
71	15.675	1446	1448	1450	rVV3	894086	1624254	20.78%	1.708%

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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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72	15.705	1450	1451	1453	rVV2	797452	909890	11.64%	0.957%
73	15.744	1453	1455	1459	rVV6	301525	657364	8.41%	0.691%
74	15.813	1459	1462	1465	rVV3	690676	1208559	15.46%	1.271%
75	15.892	1468	1470	1473	rVV3	245959	346451	4.43%	0.364%
76	15.931	1473	1474	1476	rVB2	148185	155739	1.99%	0.164%
77	16.049	1484	1486	1490	rVB4	152074	288251	3.69%	0.303%
78	16.148	1493	1496	1501	rVV4	164838	388337	4.97%	0.408%
79	16.236	1501	1505	1510	rVB5	98732	243678	3.12%	0.256%

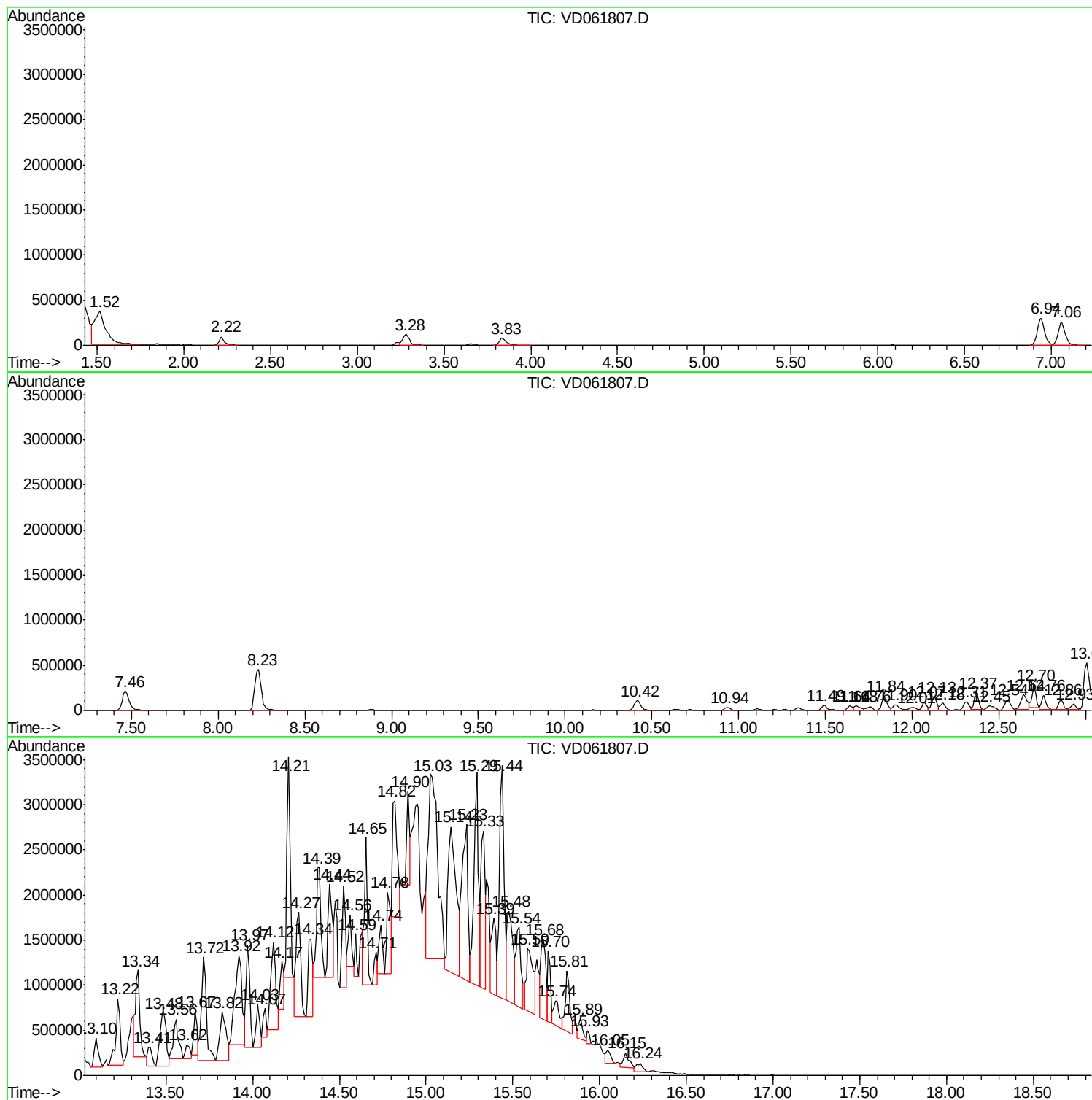
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260

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



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Operator : VA/AP
Sample : K2347-02
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
BCOG02

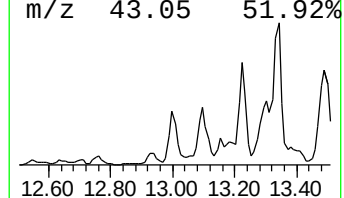
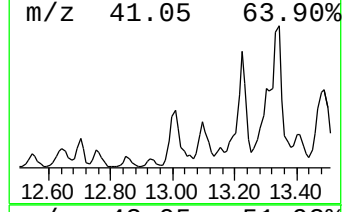
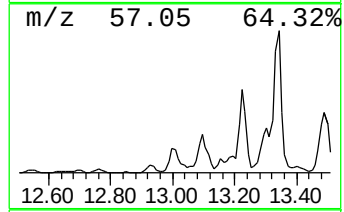
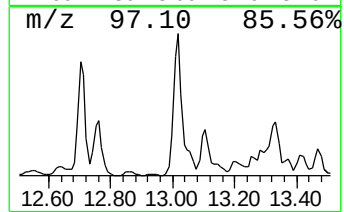
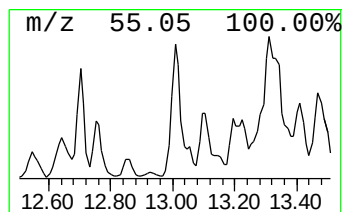
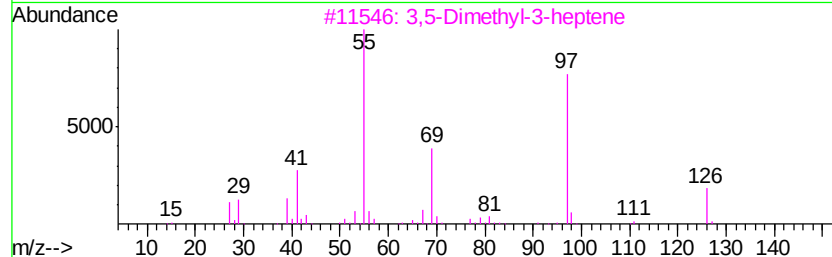
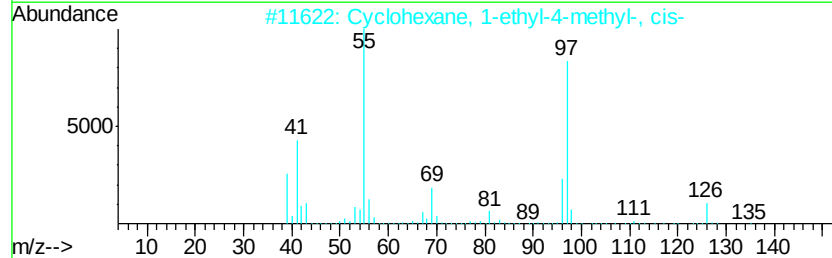
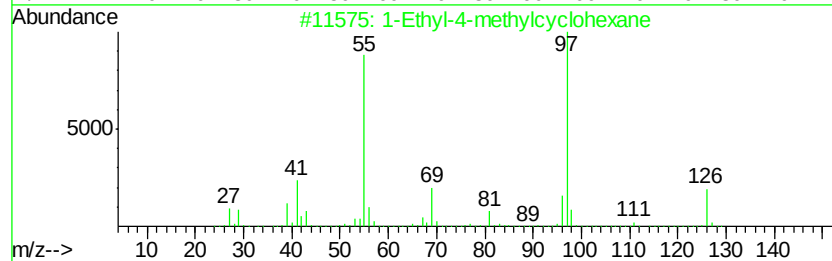
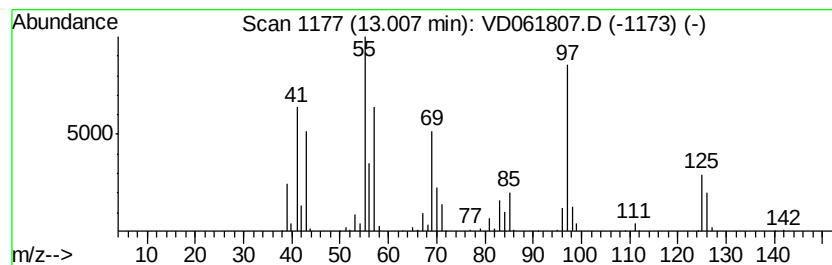
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260

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

Peak Number 2 1-Ethyl-4-methylcyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	209.13 ug/l	1323070	Chlorobenzene-d5	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
3		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	46



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Sample : K2347-02
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

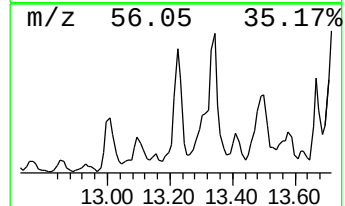
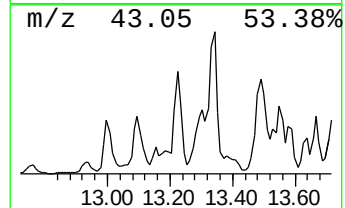
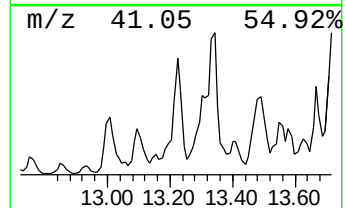
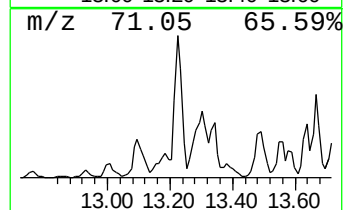
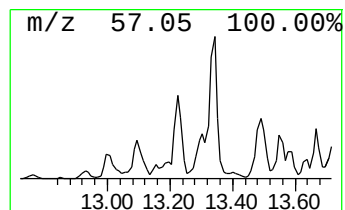
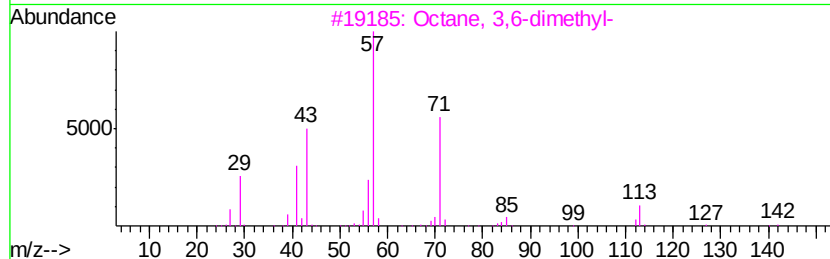
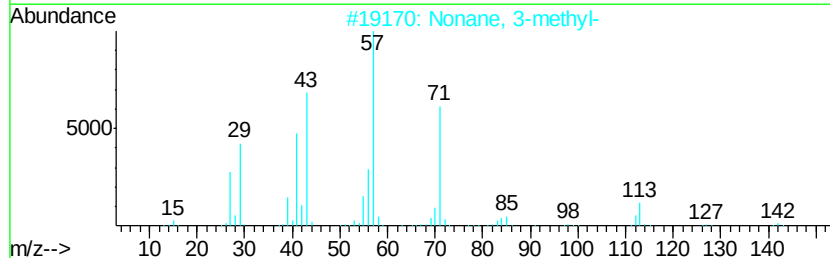
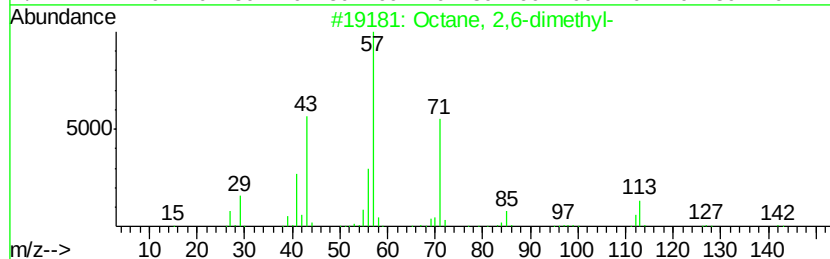
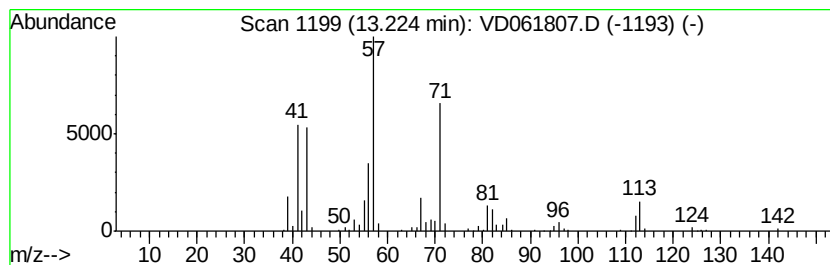
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.22	216.63 ug/l	1370540	Chlorobenzene-d5	12.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93	
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	87	
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87	
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59	
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	58	



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ClientSampled :
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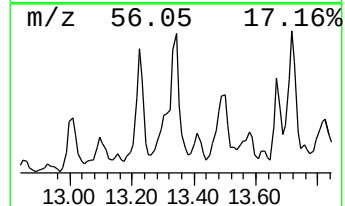
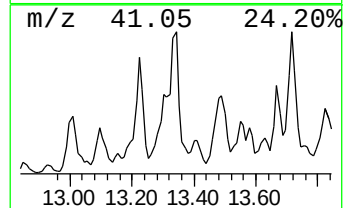
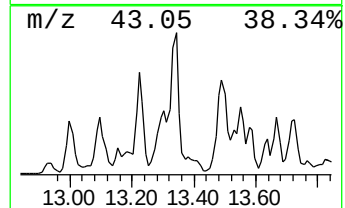
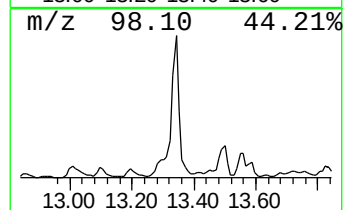
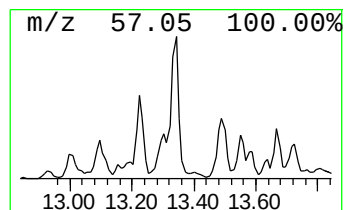
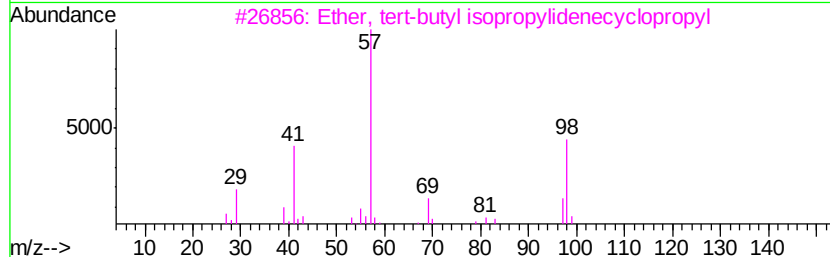
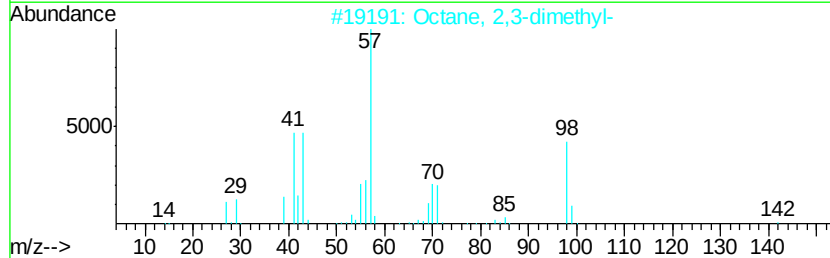
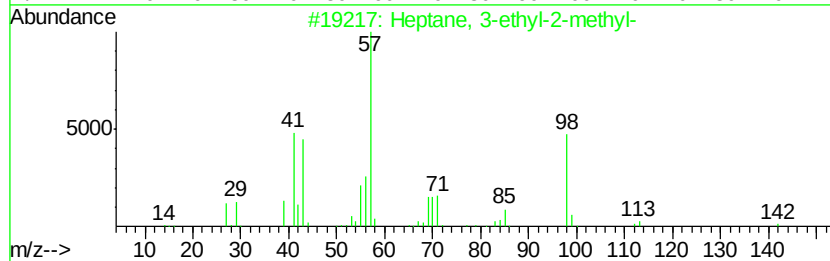
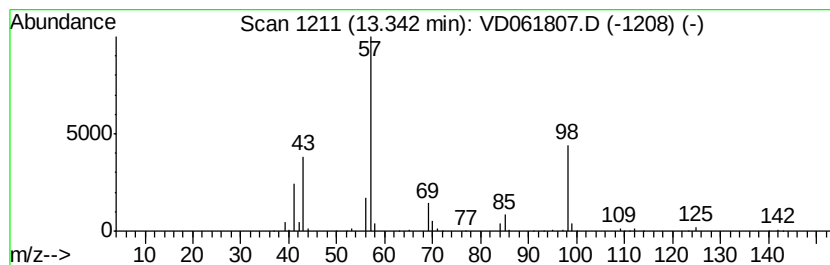
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Quant Title : SW846 8260

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

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	262.30 ug/l	1659430	Chlorobenzene-d5	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	59
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	45
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	25



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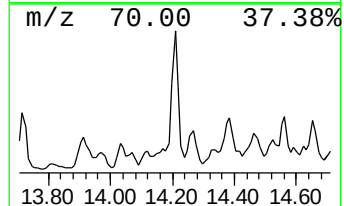
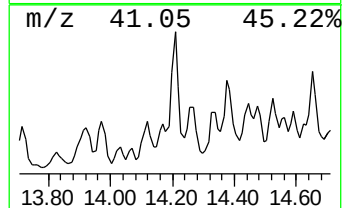
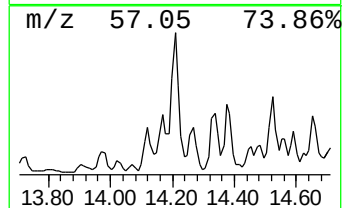
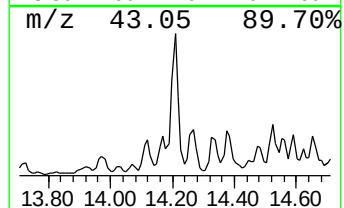
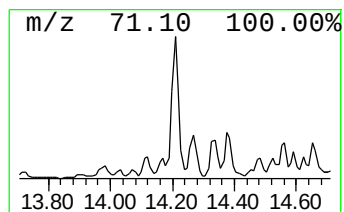
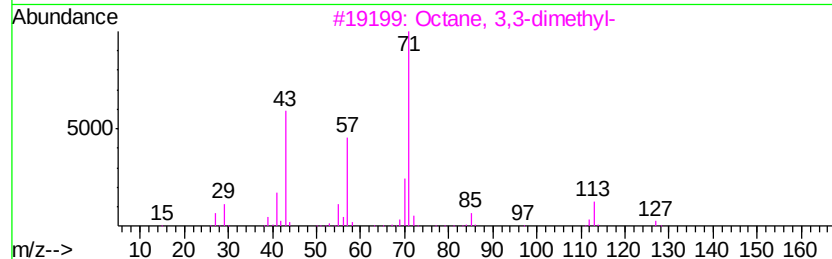
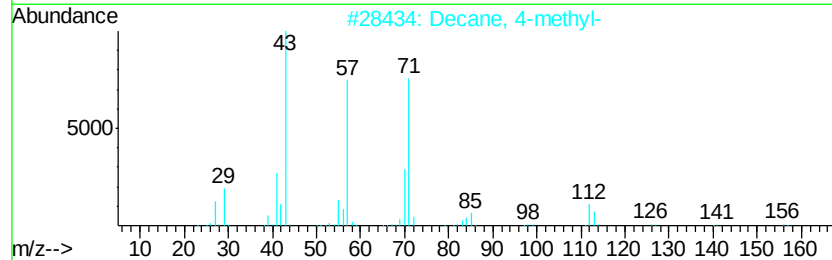
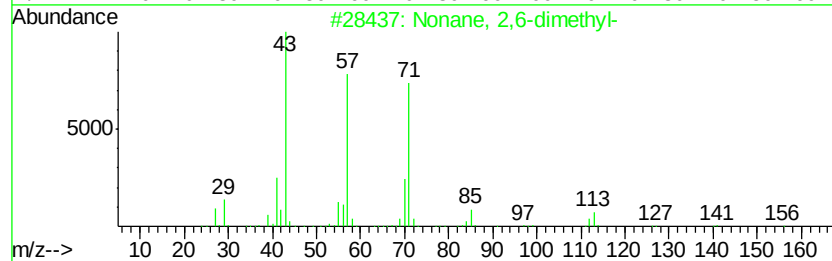
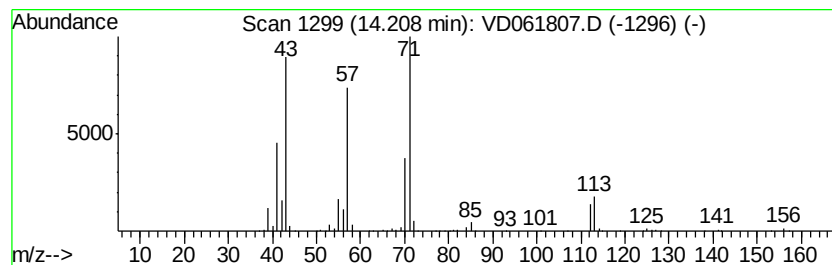
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ClientSampleId :
BCOG02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260

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

Peak Number 5 Nonane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	96.25 ug/l	3108620	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2 90
2		Decane, 4-methyl-	156 C11H24	002847-72-5 90
3		Octane, 3,3-dimethyl-	142 C10H22	004110-44-5 78
4		Oxalic acid, 2-ethylhexyl ethyl ...	230 C12H22O4	1000309-38-4 78
5		Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5 78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061807.D
Acq On : 16 Apr 2019 13:20
Operator : VA/AP
Sample : K2347-02
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
BCOG02

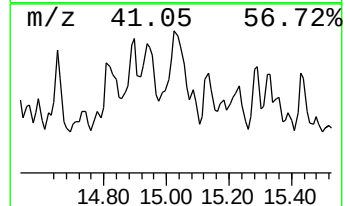
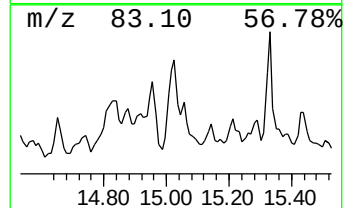
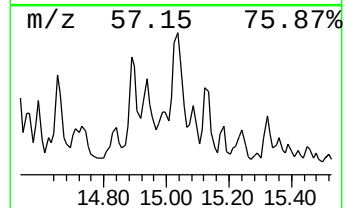
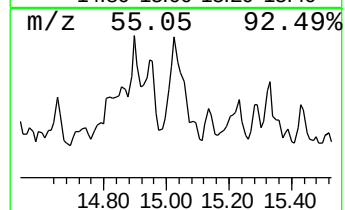
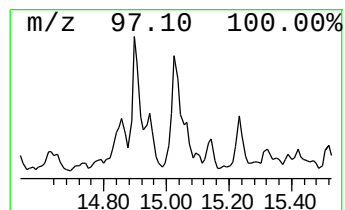
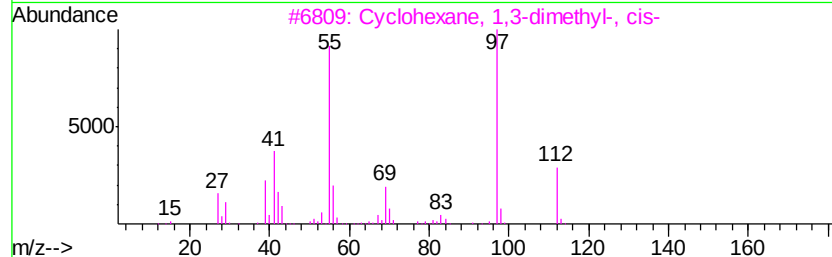
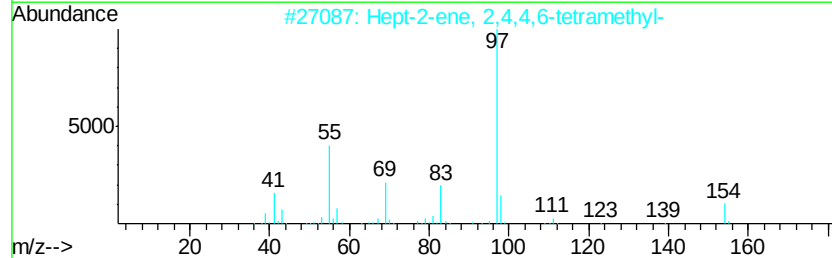
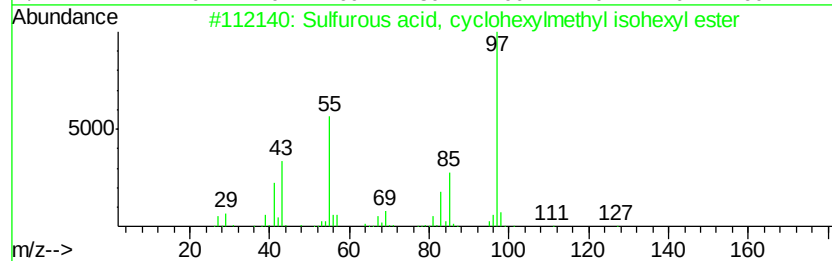
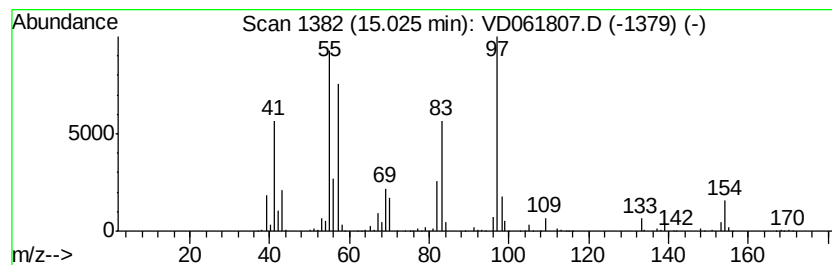
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Quant Title : SW846 8260

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

Peak Number 6 Sulfurous acid, cyclohexylm... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	242.01 ug/l	7816110	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
2		Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	50
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
4		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	43
5		Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061807.D
Acq On : 16 Apr 2019 13:20
Operator : VA/AP
Sample : K2347-02
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

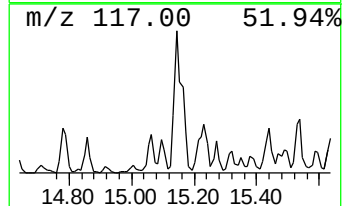
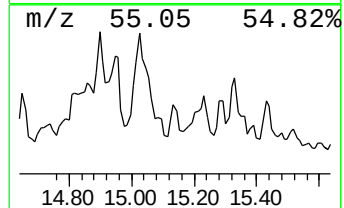
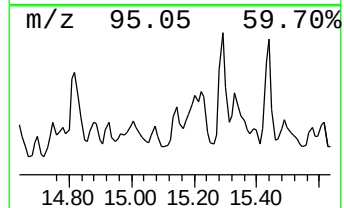
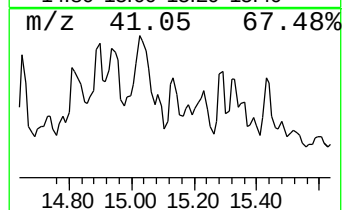
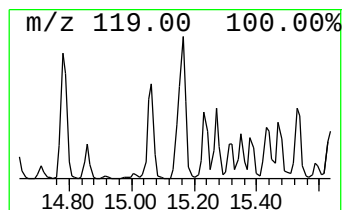
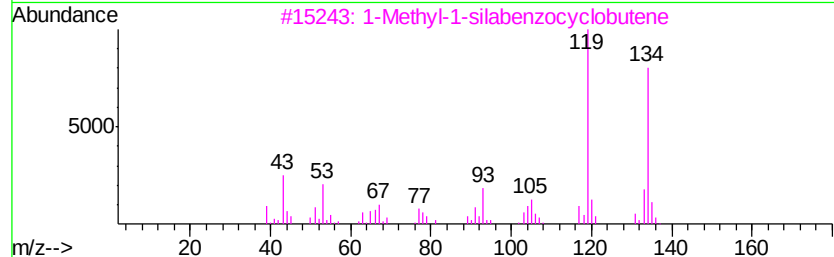
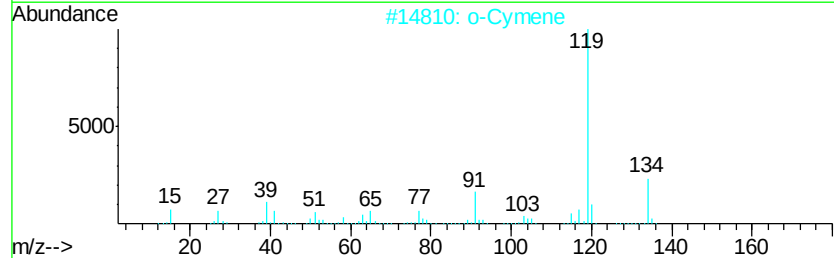
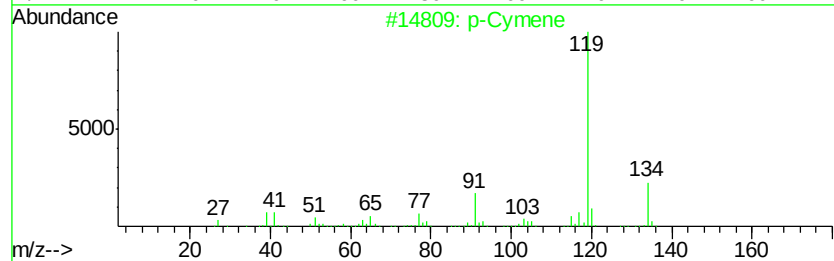
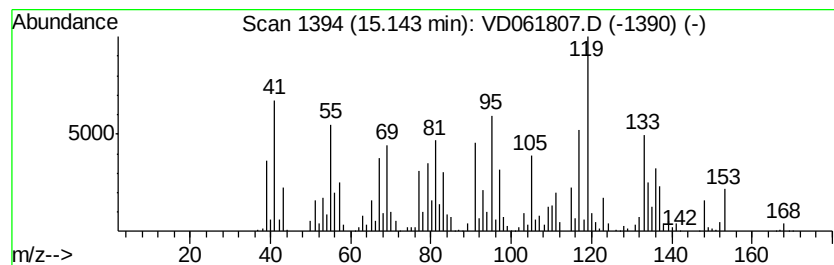
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260

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

Peak Number 7 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.14	163.48 ug/l	5279790	1,4-Dichlorobenzene-d4	14.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	35
2	o-Cymene	134	C10H14	000527-84-4	35
3	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	30
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061807.D
Acq On : 16 Apr 2019 13:20
Operator : VA/AP
Sample : K2347-02
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
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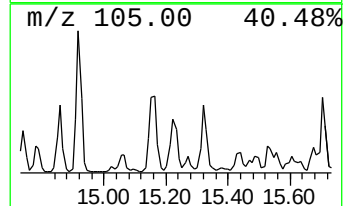
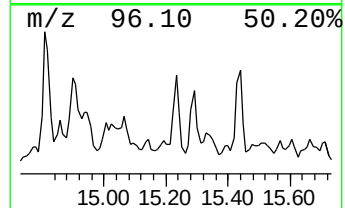
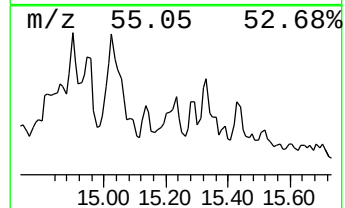
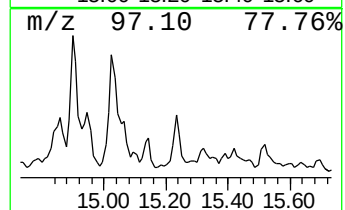
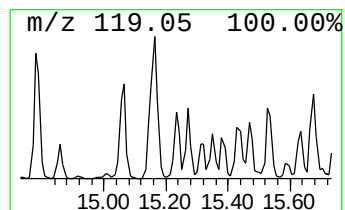
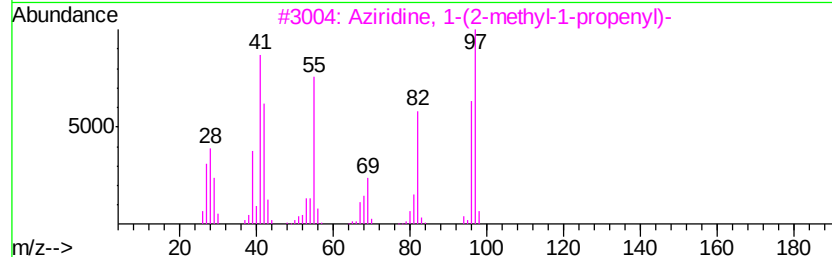
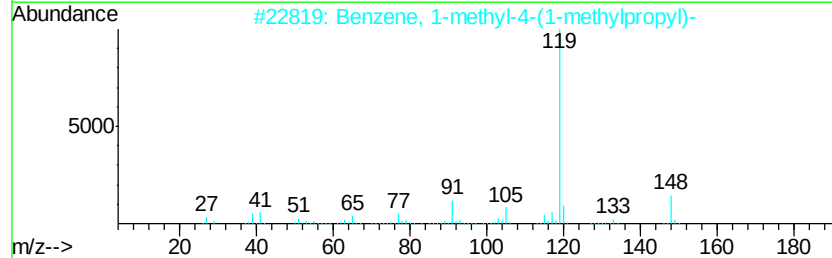
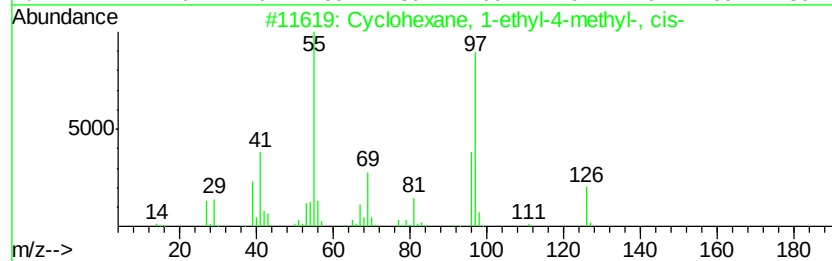
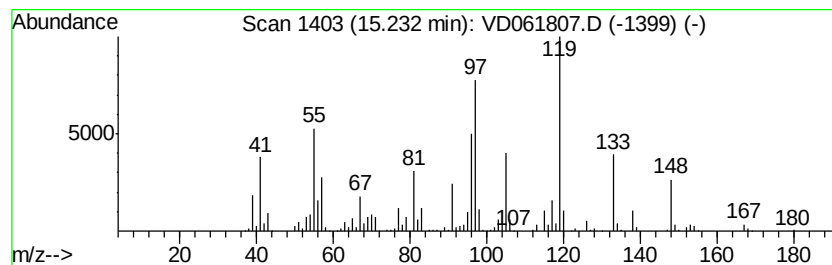
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	124.38 ug/l	4017060	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	42
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	30
3		Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	27
4		Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	006069-98-3	27
5		4'-Methylpropiophenone	148	C10H12O	005337-93-9	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061807.D
Acq On : 16 Apr 2019 13:20
Operator : VA/AP
Sample : K2347-02
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BCOG02

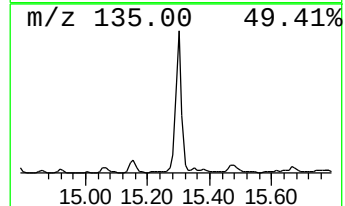
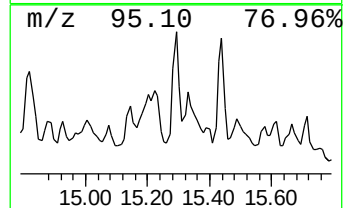
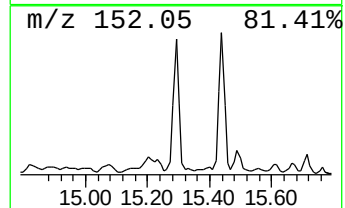
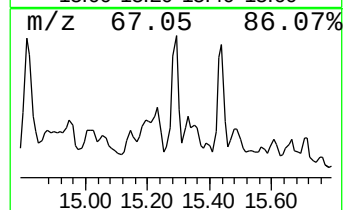
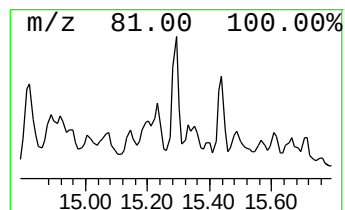
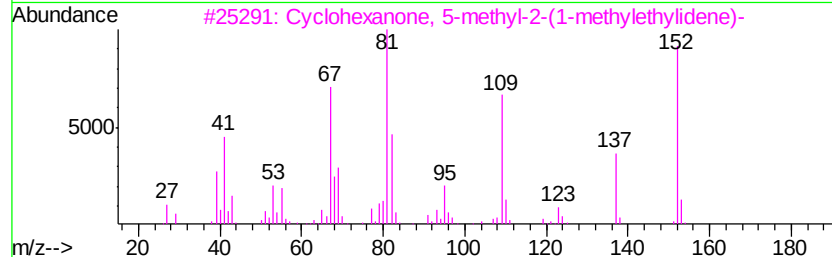
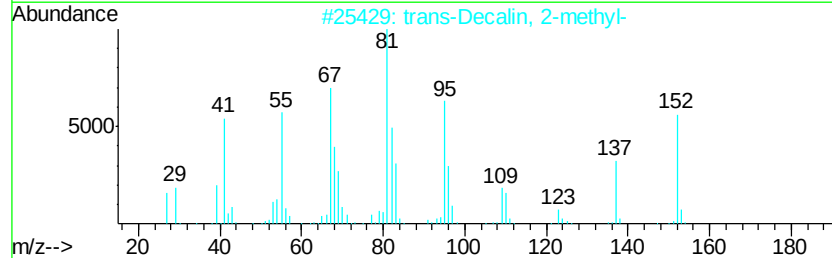
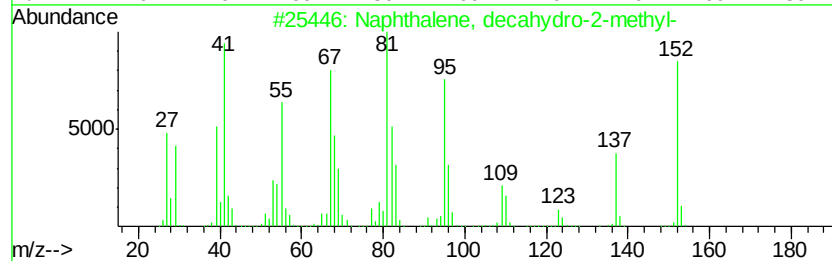
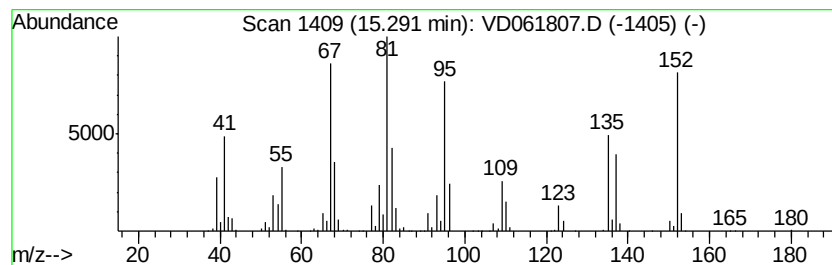
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	139.57 ug/l	4507580	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	83
4		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	72
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061807.D
Acq On : 16 Apr 2019 13:20
Operator : VA/AP
Sample : K2347-02
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

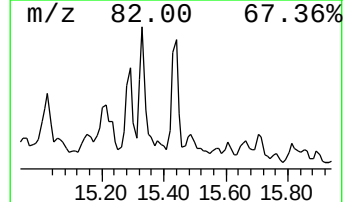
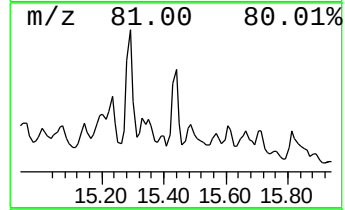
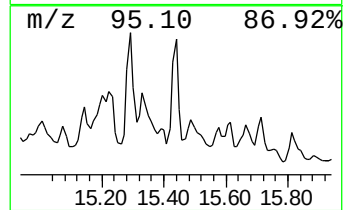
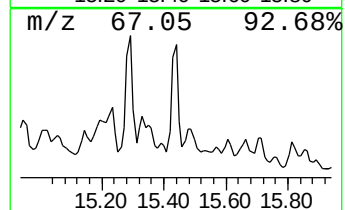
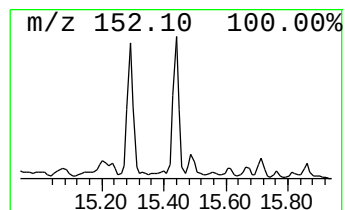
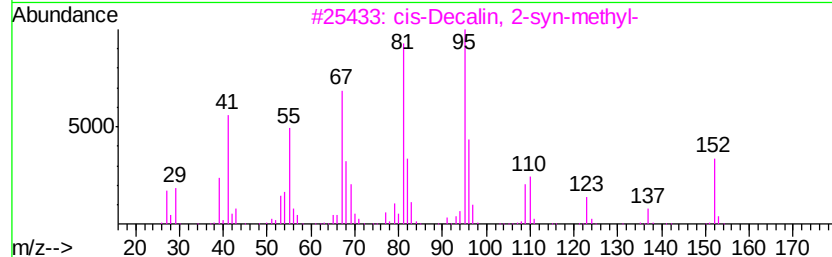
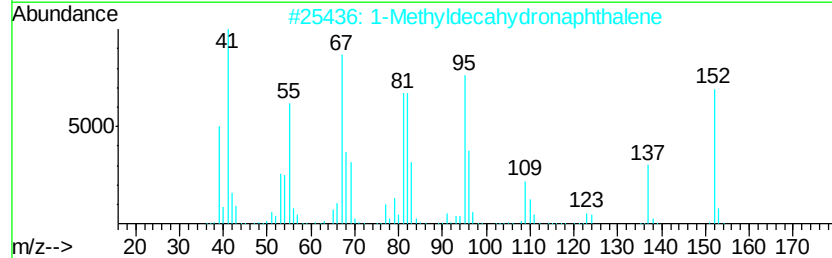
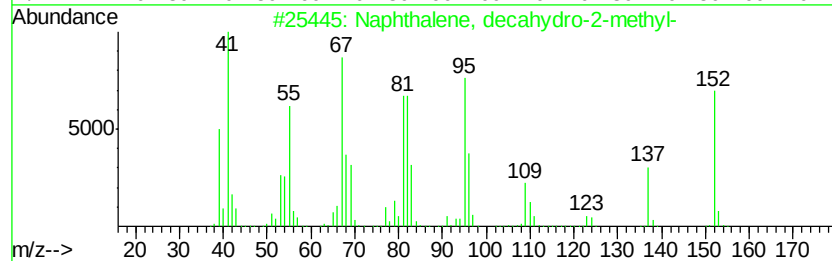
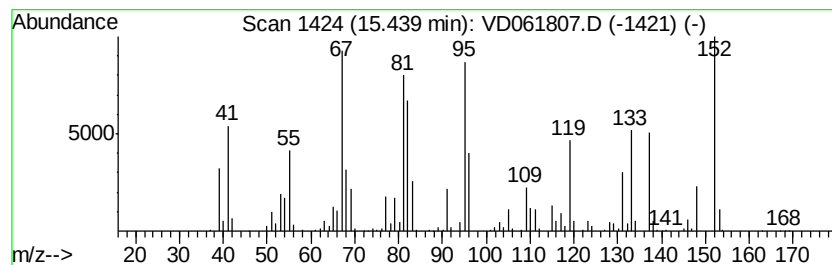
Instrument :
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ClientSampleID :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260

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

Peak Number 10 1-Methyldecahydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	136.92 ug/l	4422130	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 89
2		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 86
3		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 70
4		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 53
5		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061807.D
Acq On : 16 Apr 2019 13:20
Operator : VA/AP
Sample : K2347-02
Misc : 5.07g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BCOG02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.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
1-Ethyl-4-methylc...	13.01	209.1	ug/l	1323070	3	12.37	316328	50.0
Octane, 2,6-dimet...	13.22	216.6	ug/l	1370540	3	12.37	316328	50.0
Heptane, 3-ethyl-...	13.34	262.3	ug/l	1659430	3	12.37	316328	50.0
Nonane, 2,6-dimet...	14.21	96.3	ug/l	3108620	4	14.52	1614830	50.0
Sulfurous acid, c...	15.03	242.0	ug/l	7816110	4	14.52	1614830	50.0
p-Cymene	15.14	163.5	ug/l	5279790	4	14.52	1614830	50.0
Cyclohexane, 1-et...	15.23	124.4	ug/l	4017060	4	14.52	1614830	50.0
Naphthalene, deca...	15.29	139.6	ug/l	4507580	4	14.52	1614830	50.0
1-Methyldecahydro...	15.44	136.9	ug/l	4422130	4	14.52	1614830	50.0