

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063660.D
 Acq On : 19 Aug 2019 16:24
 Operator : JC/SY
 Sample : K4385-15
 Misc : 5.91a/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C-(2)

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\82D080919S.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	1.473	3	5	21	rVB	1523230	3677931	100.00%	11.598%
2	1.778	28	36	37	rBV3	11446	40870	1.11%	0.129%
3	1.827	37	41	44	rVB4	19681	46223	1.26%	0.146%
4	3.216	177	182	190	rVB	77394	201732	5.48%	0.636%
5	3.806	237	242	251	rBV	46996	121797	3.31%	0.384%
6	6.070	466	472	476	rBV	19714	49775	1.35%	0.157%
7	6.917	552	558	564	rBV2	505134	1469127	39.94%	4.633%
8	7.035	564	570	586	rVB	599461	1761204	47.89%	5.554%
9	7.449	605	612	624	rBV	403782	1091581	29.68%	3.442%
10	8.207	682	689	701	rBV	899226	2270083	61.72%	7.159%
11	8.866	750	756	765	rVB3	17076	69966	1.90%	0.221%
12	10.402	904	912	920	rBV	637394	1575539	42.84%	4.968%
13	10.628	930	935	941	rBV6	21178	82282	2.24%	0.259%
14	10.786	947	951	956	rVV4	15208	37390	1.02%	0.118%
15	10.924	960	965	973	rVV3	52321	146814	3.99%	0.463%
16	11.101	976	983	988	rBV4	26424	75842	2.06%	0.239%
17	11.337	1003	1007	1012	rVB2	29906	71449	1.94%	0.225%
18	11.485	1018	1022	1025	rBV	58469	104766	2.85%	0.330%
19	11.642	1033	1038	1039	rBV2	46170	106955	2.91%	0.337%
20	11.672	1039	1041	1044	rVV3	47380	88038	2.39%	0.278%
21	11.751	1044	1049	1053	rVB	73077	164220	4.47%	0.518%
22	11.829	1053	1057	1061	rBV	180801	377808	10.27%	1.191%
23	11.898	1061	1064	1070	rVB3	53420	118049	3.21%	0.372%
24	11.997	1070	1074	1077	rVB4	40281	89400	2.43%	0.282%
25	12.056	1077	1080	1083	rBV	67638	126740	3.45%	0.400%
26	12.115	1083	1086	1089	rBV	110486	199443	5.42%	0.629%
27	12.164	1089	1091	1098	rVB3	70430	141260	3.84%	0.445%
28	12.302	1101	1105	1108	rBV	110612	225461	6.13%	0.711%
29	12.361	1108	1111	1115	rVB	714496	1197172	32.55%	3.775%
30	12.459	1115	1121	1125	rVB3	44010	144253	3.92%	0.455%
31	12.538	1125	1129	1133	rBV4	84606	210139	5.71%	0.663%
32	12.637	1133	1139	1142	rBV3	142296	413069	11.23%	1.303%
33	12.696	1142	1145	1148	rVV	202636	327124	8.89%	1.032%
34	12.745	1148	1150	1157	rVB2	200113	393865	10.71%	1.242%

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Integrator: RTE
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35	12.853	1157	1161	1165	rBV2	104256	214770	5.84%	0.677%
36	12.922	1165	1168	1172	rVB2	44039	74667	2.03%	0.235%
37	12.991	1172	1175	1179	rBV3	354742	875027	23.79%	2.759%
38	13.040	1179	1180	1183	rVV3	146698	200290	5.45%	0.632%
39	13.089	1183	1185	1189	rVB2	176686	293364	7.98%	0.925%
40	13.217	1192	1198	1201	rBV2	586745	1156983	31.46%	3.649%
41	13.326	1201	1209	1214	rVV3	581309	1807159	49.14%	5.699%
42	13.395	1214	1216	1220	rVB3	138179	262771	7.14%	0.829%
43	13.473	1220	1224	1228	rBV3	337164	762218	20.72%	2.404%
44	13.552	1228	1232	1235	rVV2	547549	925751	25.17%	2.919%
45	13.611	1235	1238	1240	rVV	126825	198339	5.39%	0.625%
46	13.660	1240	1243	1245	rVV4	108316	252861	6.88%	0.797%
47	13.710	1245	1248	1255	rVB2	499332	840991	22.87%	2.652%
48	13.818	1255	1259	1263	rBV3	203099	501820	13.64%	1.582%
49	13.887	1263	1266	1268	rVV3	267357	520601	14.15%	1.642%
50	13.966	1271	1274	1277	rVV2	315916	581641	15.81%	1.834%
51	14.025	1277	1280	1282	rVV3	105200	173579	4.72%	0.547%
52	14.064	1282	1284	1285	rVB	52318	57298	1.56%	0.181%
53	14.113	1285	1289	1292	rBV5	136811	339792	9.24%	1.072%
54	14.162	1292	1294	1295	rVV	91470	125720	3.42%	0.396%
55	14.202	1295	1298	1300	rVV2	231094	402950	10.96%	1.271%
56	14.261	1300	1304	1306	rVB4	96897	231431	6.29%	0.730%
57	14.320	1308	1310	1311	rVV2	40658	51891	1.41%	0.164%
58	14.369	1311	1315	1320	rVV6	130235	353806	9.62%	1.116%
59	14.438	1320	1322	1323	rVV	75847	100324	2.73%	0.316%
60	14.517	1327	1330	1333	rBV	320932	402578	10.95%	1.270%
61	14.645	1341	1343	1345	rVB2	77928	97222	2.64%	0.307%
62	14.704	1345	1349	1352	rVB6	44894	88393	2.40%	0.279%
63	14.802	1357	1359	1364	rBV4	103568	182221	4.95%	0.575%
64	14.881	1364	1367	1369	rBV2	77402	101129	2.75%	0.319%
65	14.940	1369	1373	1376	rVB5	50786	118766	3.23%	0.375%
66	15.019	1377	1381	1383	rBV4	34239	87041	2.37%	0.274%
67	15.137	1389	1393	1398	rBV5	87653	160042	4.35%	0.505%
68	15.226	1398	1402	1404	rVB4	25789	59389	1.61%	0.187%
69	15.285	1404	1408	1411	rBV2	136067	235150	6.39%	0.742%
70	15.344	1412	1414	1416	rVV2	50411	58208	1.58%	0.184%
71	15.393	1416	1419	1421	rVV	74091	108297	2.94%	0.342%

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Integration Parameters: RTEINT.P

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72	15.432	1421	1423	1424	rVV2	55607	81032	2.20%	0.256%
73	15.462	1424	1426	1430	rVB4	41106	76993	2.09%	0.243%
74	15.649	1442	1445	1446	rBV3	36136	52074	1.42%	0.164%
75	15.698	1448	1450	1452	rVB3	39777	56804	1.54%	0.179%
76	15.747	1452	1455	1458	rVB5	36936	59017	1.60%	0.186%
77	15.806	1458	1461	1465	rBV4	108675	175976	4.78%	0.555%
78	15.885	1465	1469	1471	rBV2	45965	73645	2.00%	0.232%
79	15.925	1471	1473	1475	rBV2	44217	67730	1.84%	0.214%
80	16.141	1492	1495	1499	rBV3	96475	199256	5.42%	0.628%
81	16.210	1499	1502	1508	rVB8	74610	221460	6.02%	0.698%
82	16.308	1508	1512	1514	rBV4	33353	82640	2.25%	0.261%
83	16.486	1525	1530	1532	rBV4	44855	103308	2.81%	0.326%
84	16.968	1577	1579	1584	rVV6	14136	49886	1.36%	0.157%
85	17.037	1584	1586	1589	rVV3	46541	70889	1.93%	0.224%
86	17.126	1593	1595	1601	rVB7	22761	56040	1.52%	0.177%
87	17.254	1605	1608	1611	rVB2	34683	62393	1.70%	0.197%

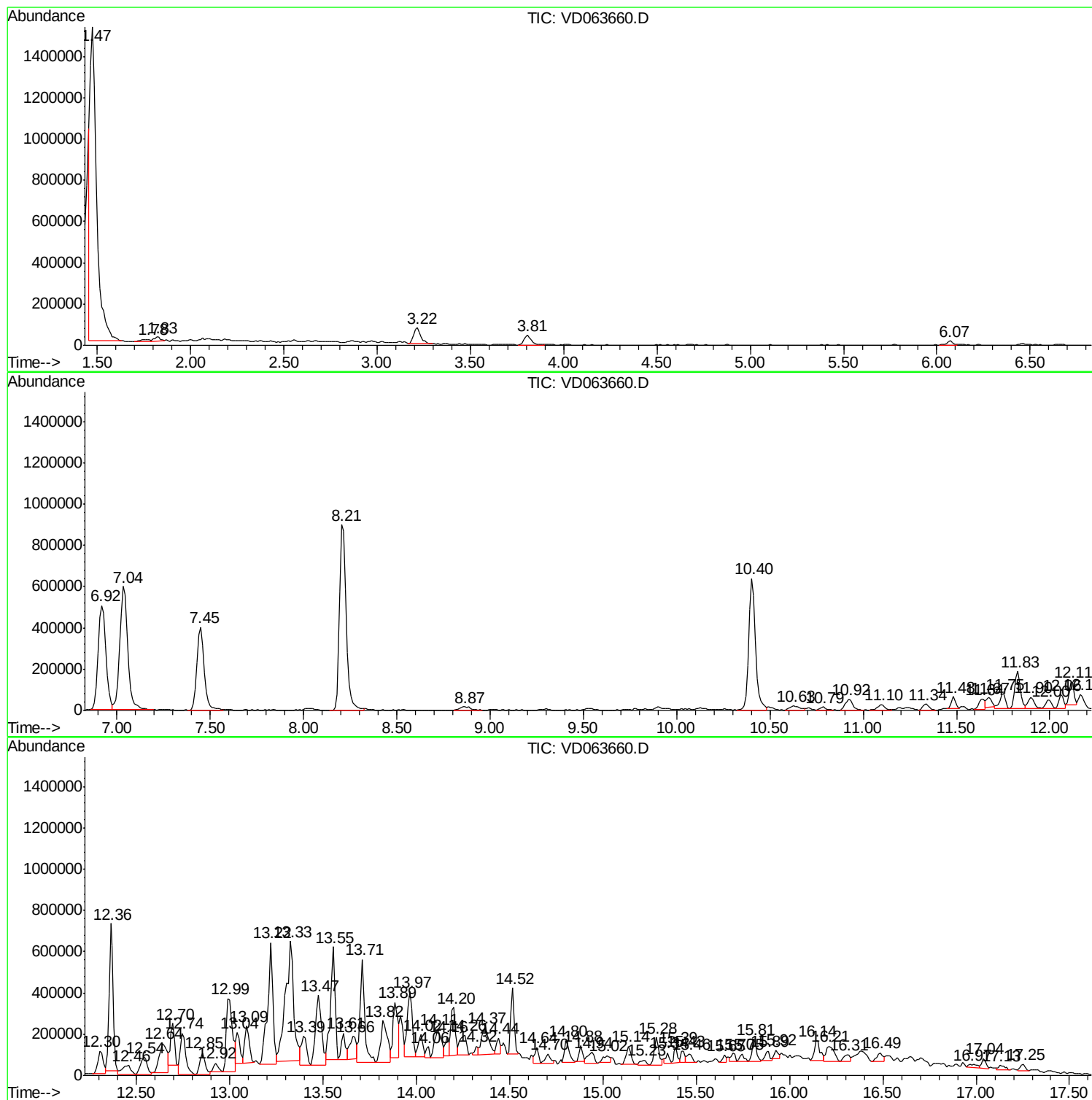
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ClientSampleId :
T8-C-(2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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



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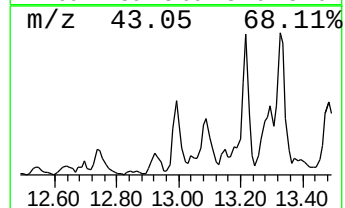
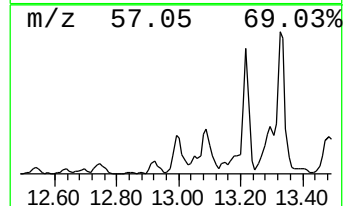
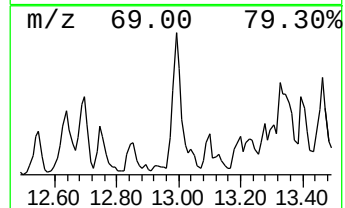
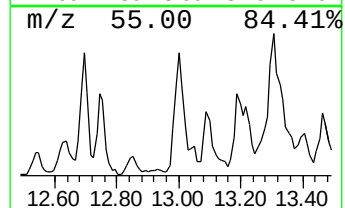
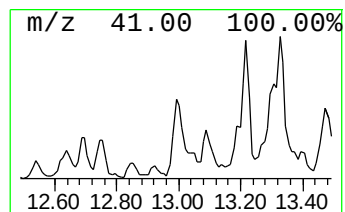
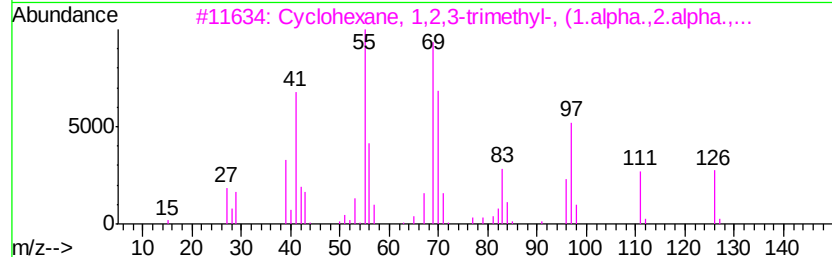
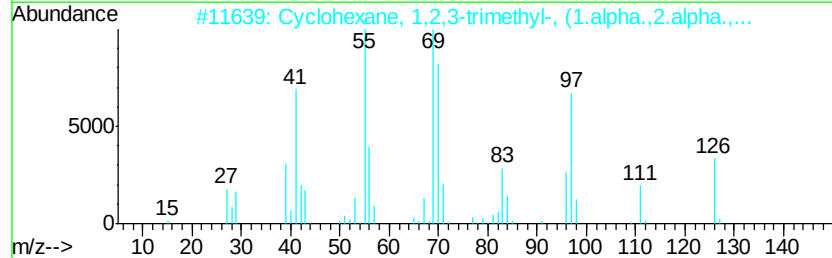
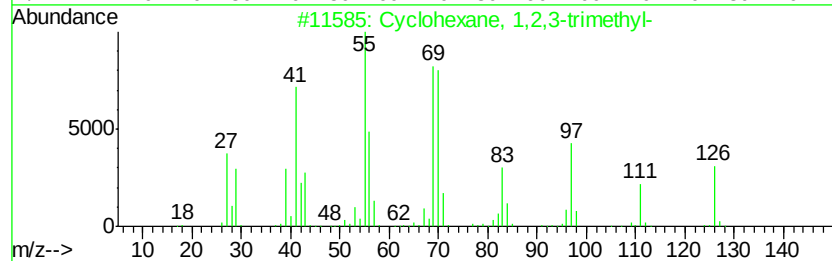
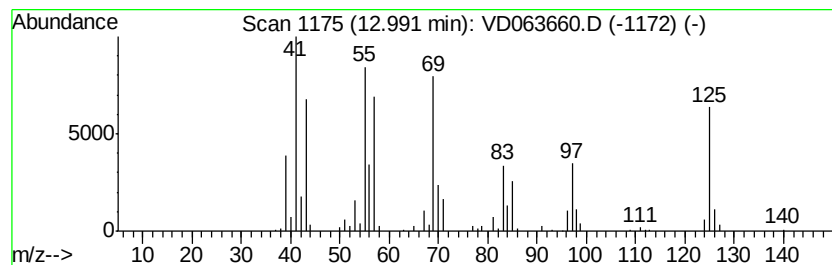
Instrument :
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ClientSampleId :
T8-C-(2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.99	36.55 ug/l	875027	Chlorobenzene-d5	12.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
2		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	60
3		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	60
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	52
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46



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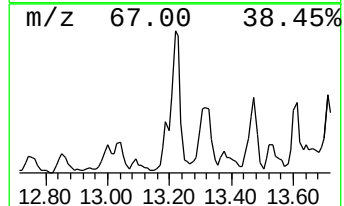
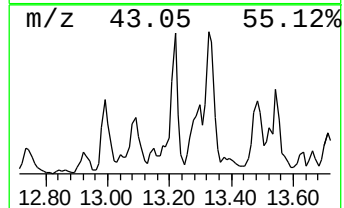
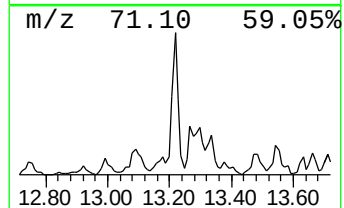
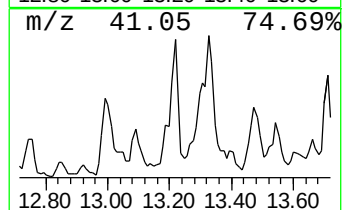
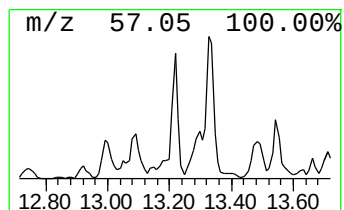
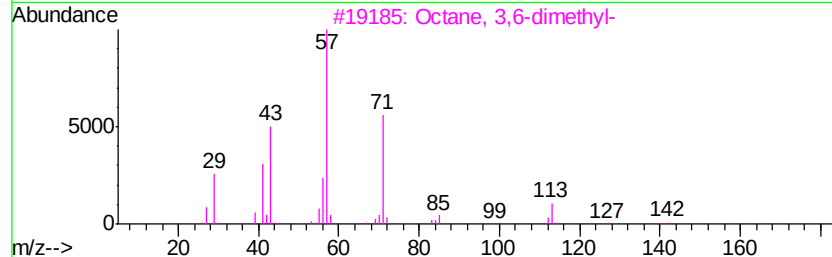
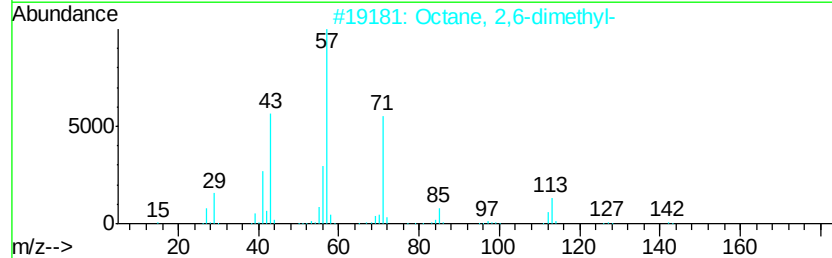
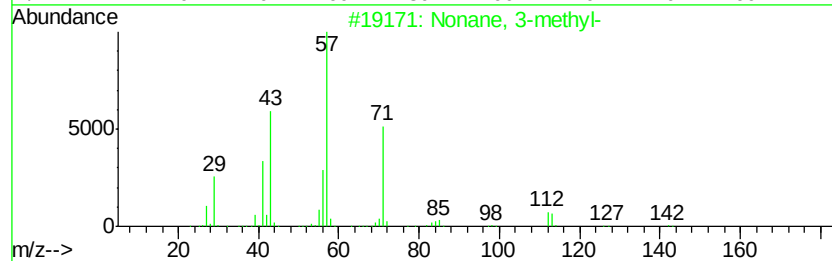
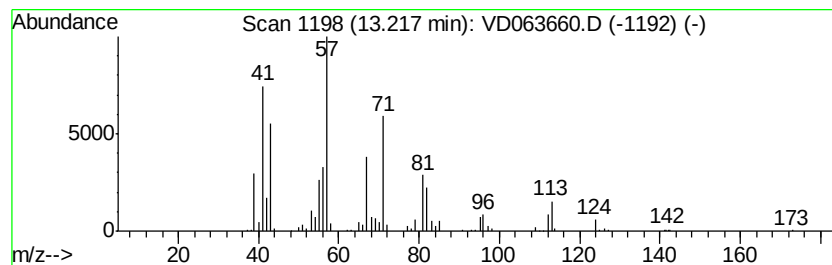
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Quant Title : SW846 8260

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

Peak Number 3 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.22	48.32 ug/l	1156980	Chlorobenzene-d5	12.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
4		Cyclohexene, 4-(1,1-dimethylethyl)-	138	C10H18	002228-98-0	38
5		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	38



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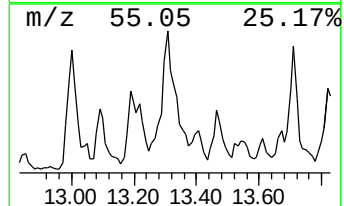
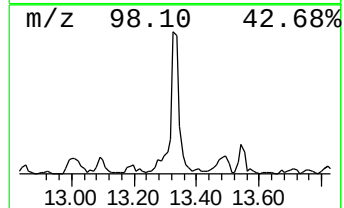
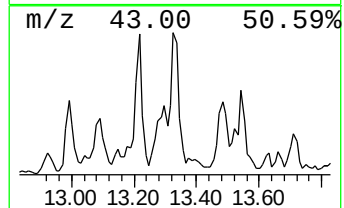
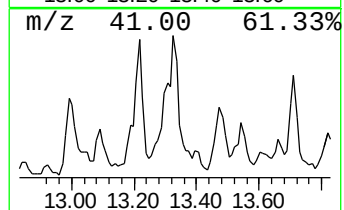
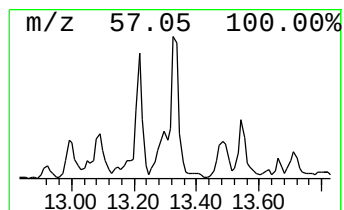
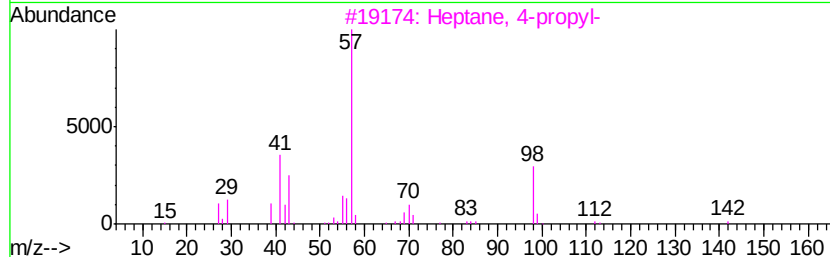
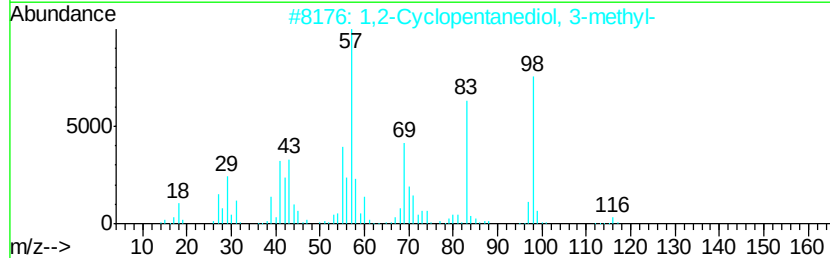
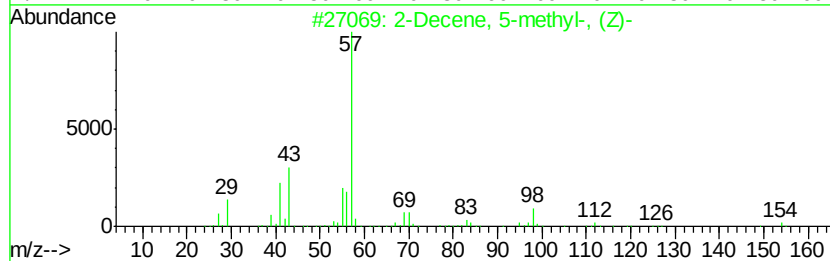
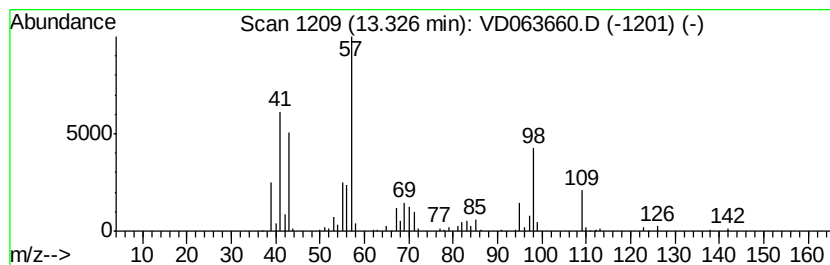
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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

Peak Number 4 2-Decene, 5-methyl-, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	75.48 ug/l	1807160	Chlorobenzene-d5	12.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	53
2		1,2-Cyclopentanediol, 3-methyl-	116	C6H12O2	027583-37-5	50
3		Heptane, 4-propyl-	142	C10H22	003178-29-8	47
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38



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T8-C-(2)

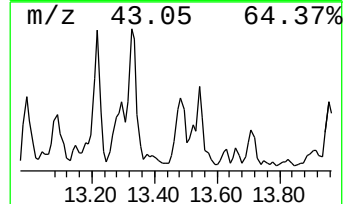
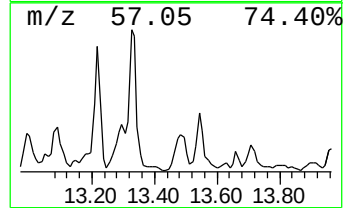
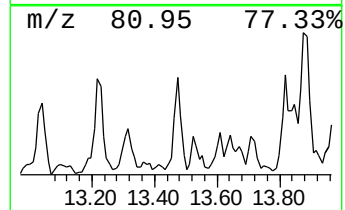
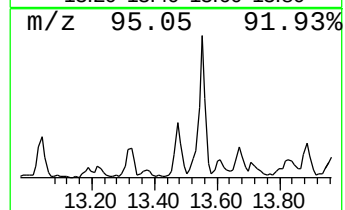
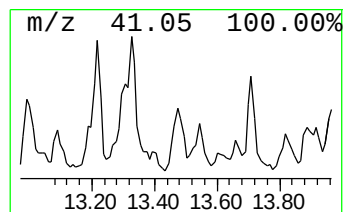
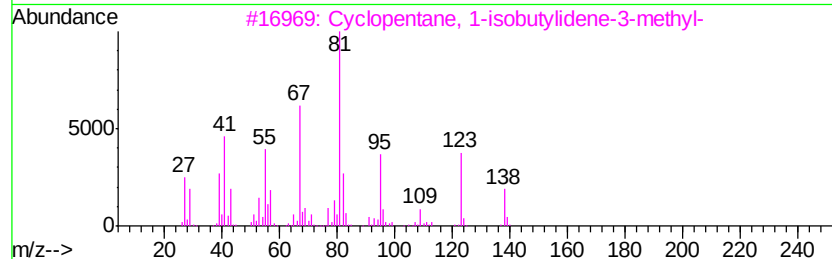
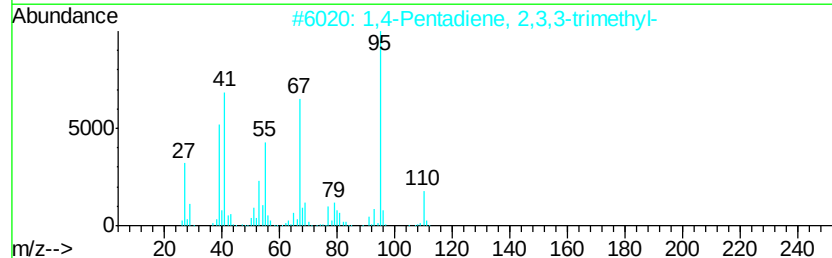
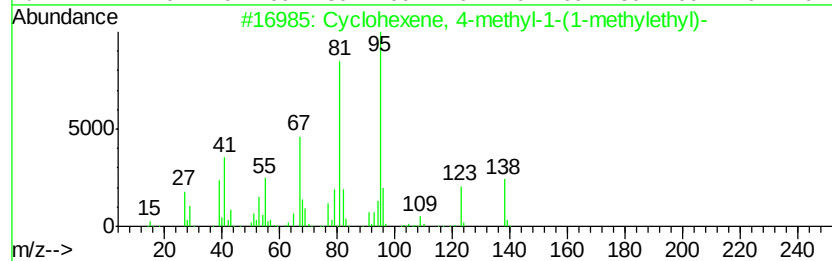
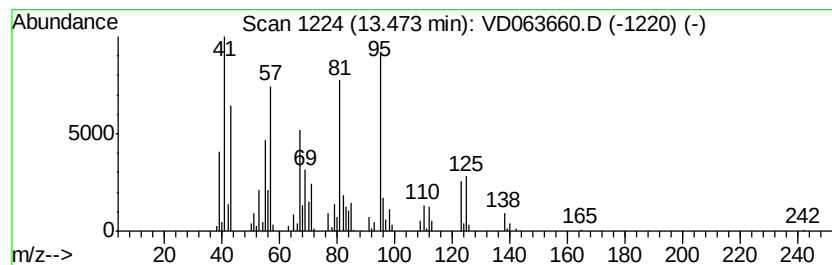
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	94.67 ug/l	762218	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000500-00-5	62
2		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	60
3		Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	60
4		Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	50
5		Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081919\
Data File : VD063660.D
Acq On : 19 Aug 2019 16:24
Operator : JC/SY
Sample : K4385-15
Misc : 5.91a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

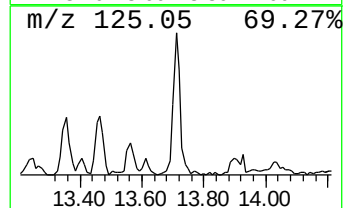
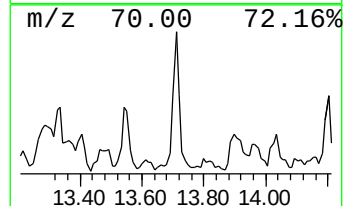
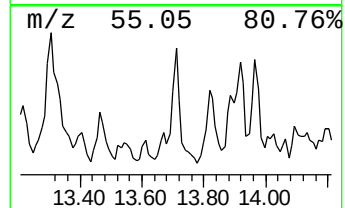
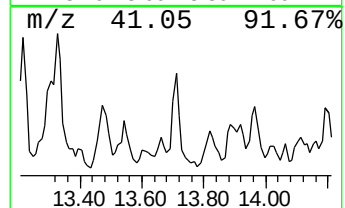
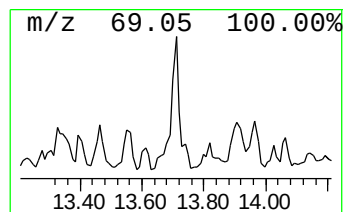
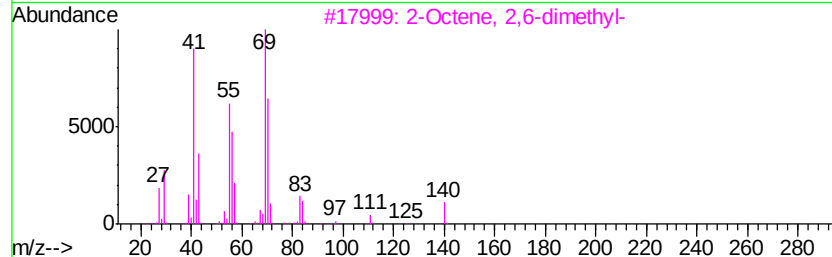
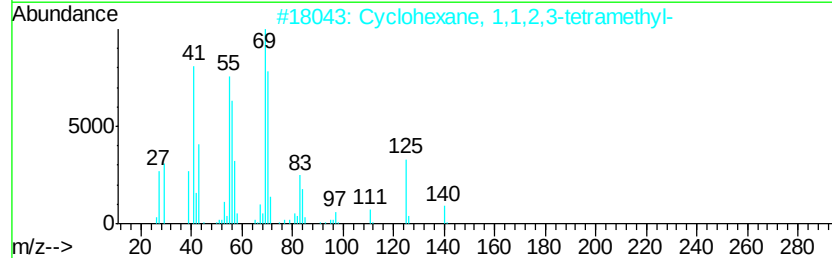
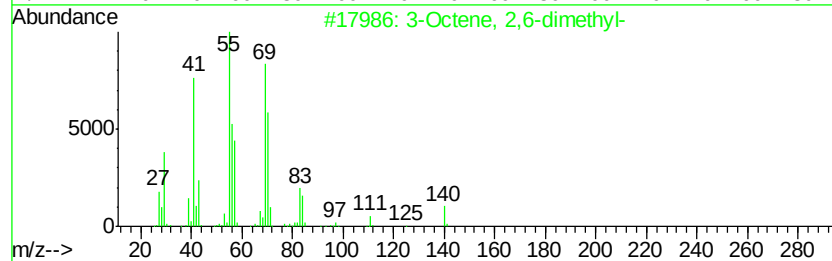
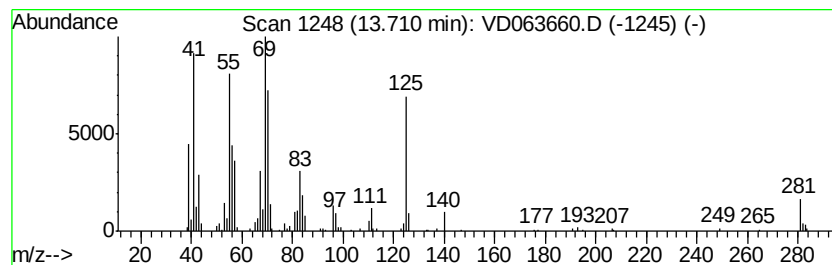
Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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

Peak Number 6 3-Octene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	104.45 ug/l	840991	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octene, 2,6-dimethyl-	140 C10H20	006874-28-8	70
2	Cyclohexane, 1,1,2,3-tetramethyl-	140 C10H20	006783-92-2	64
3	2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5	62
4	Cyclohexane, 1,2-diethyl-1-methyl-	154 C11H22	061141-79-5	53
5	1R,2c,3t,4t-Tetramethyl-cyclohexane	140 C10H20	1000144-07-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081919\
Data File : VD063660.D
Acq On : 19 Aug 2019 16:24
Operator : JC/SY
Sample : K4385-15
Misc : 5.91a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

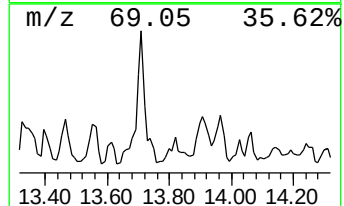
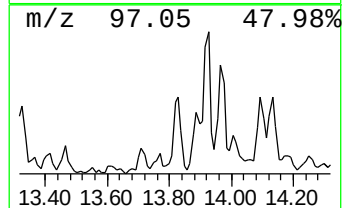
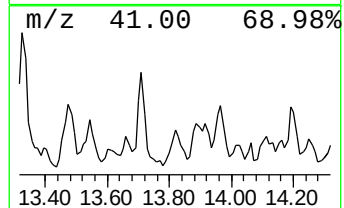
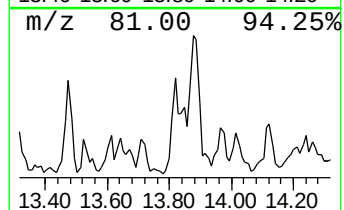
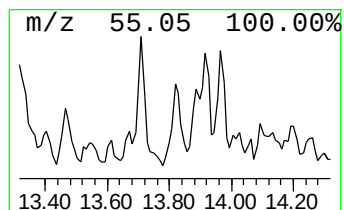
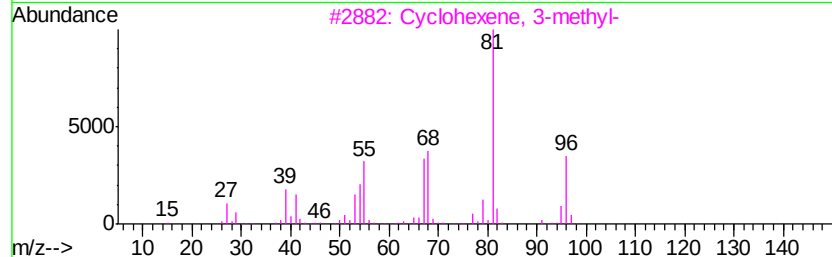
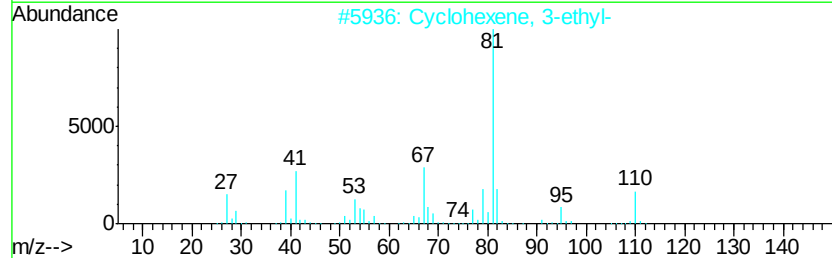
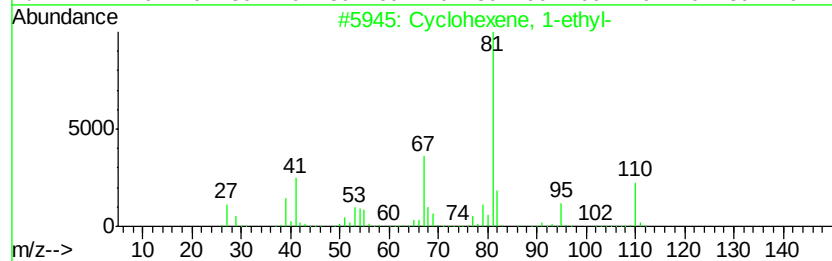
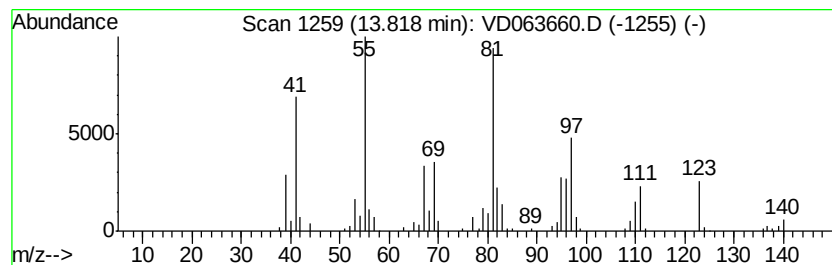
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ClientSampleId :
T8-C-(2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown13.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	62.33 ug/l	501820	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 1-ethyl-	110 C8H14	001453-24-3 46
2		Cyclohexene, 3-ethyl-	110 C8H14	002808-71-1 46
3		Cyclohexene, 3-methyl-	96 C7H12	000591-48-0 43
4		Cyclopentane, 1-methyl-2-methylene-	96 C7H12	041158-41-2 43
5		Cyclohexene, 1-methyl-	96 C7H12	000591-49-1 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081919\
Data File : VD063660.D
Acq On : 19 Aug 2019 16:24
Operator : JC/SY
Sample : K4385-15
Misc : 5.91a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

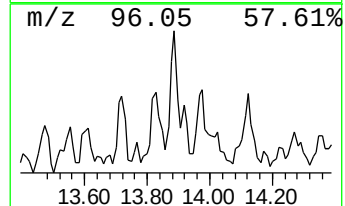
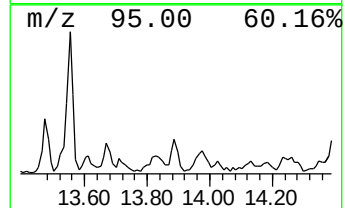
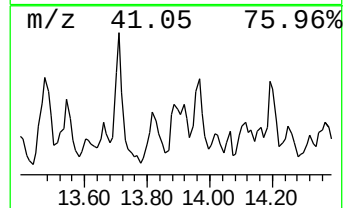
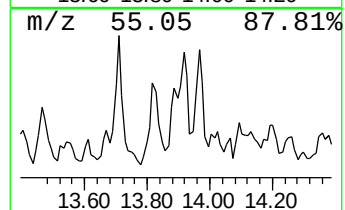
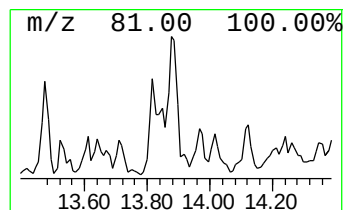
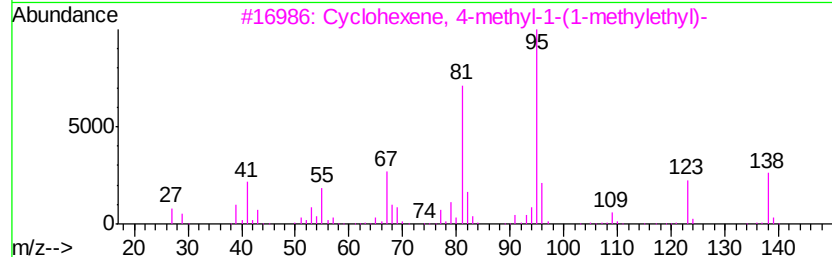
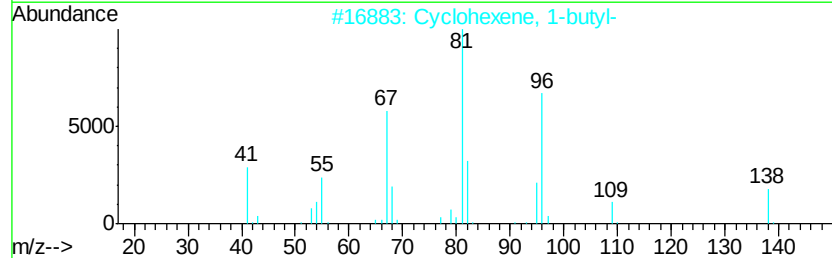
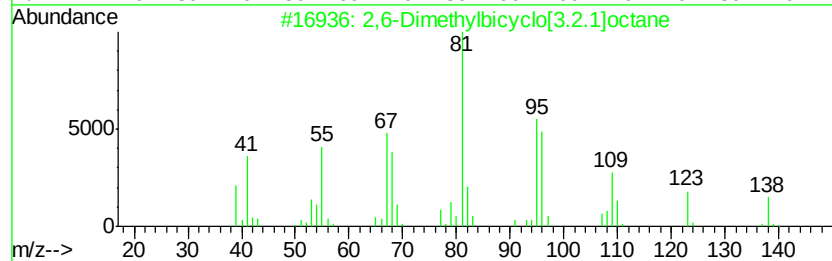
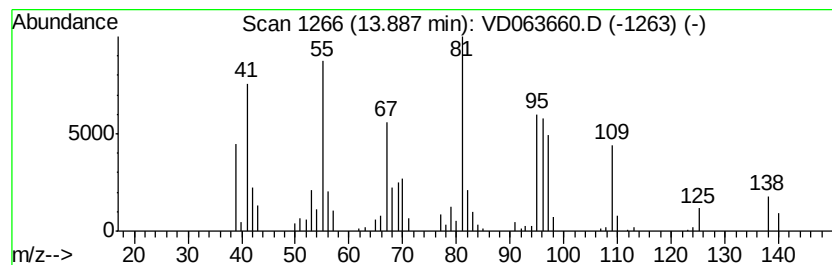
Instrument :
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ClientSampleId :
T8-C-(2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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

Peak Number 8 2,6-Dimethylbicyclo[3.2.1]o... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	64.66 ug/l	520601	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6-Dimethylbicyclo[3.2.1]octane	138 C10H18	1000215-28-2	68
2	Cyclohexene, 1-butyl-	138 C10H18	003282-53-9	53
3	Cyclohexene, 4-methyl-1-(1-methyl-...	138 C10H18	000500-00-5	49
4	Cyclopentane, 1-isobutylidene-3-...	138 C10H18	1000150-62-1	46
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138 C10H18	020536-41-8	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081919\
Data File : VD063660.D
Acq On : 19 Aug 2019 16:24
Operator : JC/SY
Sample : K4385-15
Misc : 5.91a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

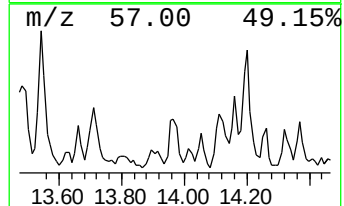
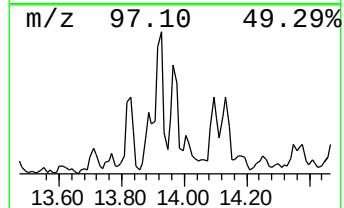
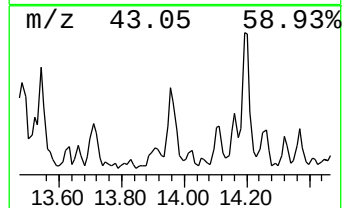
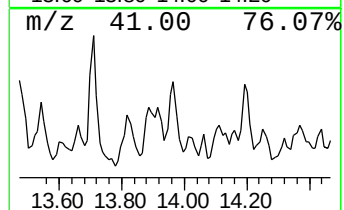
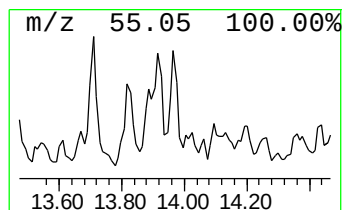
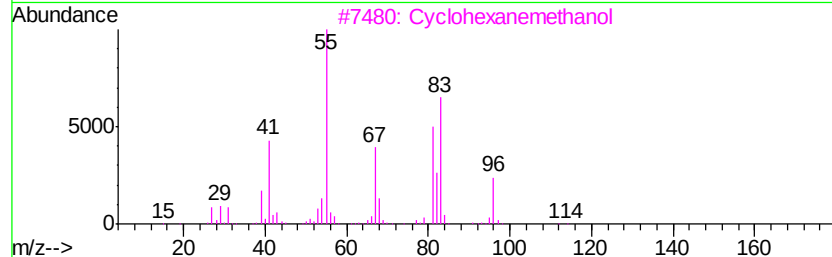
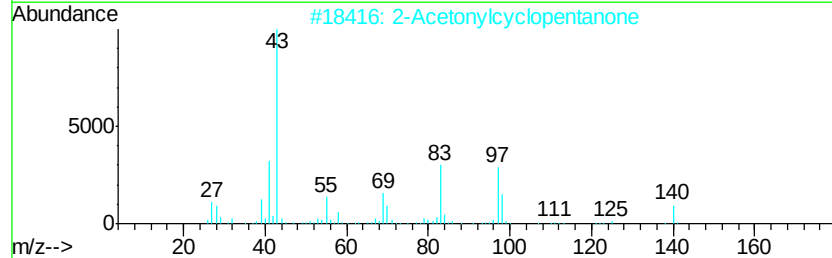
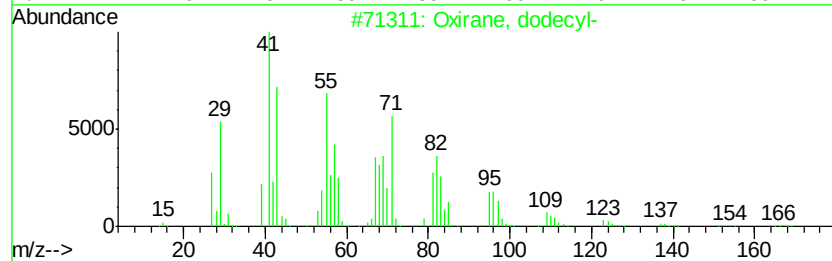
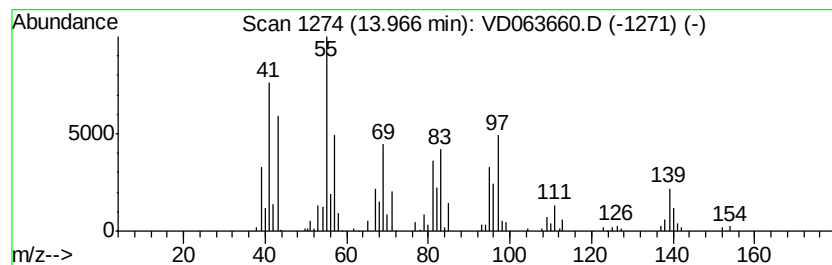
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown13.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	72.24 ug/l	581641	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, dodecyl-	212	C14H28O	003234-28-4	35
2		2-Acetyl cyclopentanone	140	C8H12O2	060415-94-3	35
3		Cyclohexanemethanol	114	C7H14O	000100-49-2	27
4		Z-3-Methyl-2-hexenoic acid	128	C7H12O2	1000365-65-5	27
5		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081919\
Data File : VD063660.D
Acq On : 19 Aug 2019 16:24
Operator : JC/SY
Sample : K4385-15
Misc : 5.91a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

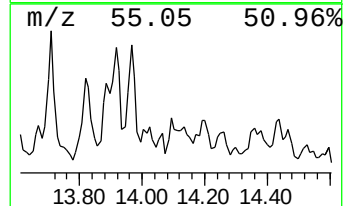
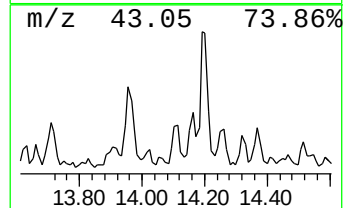
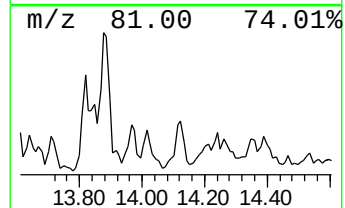
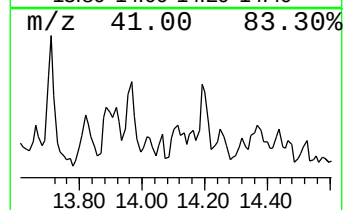
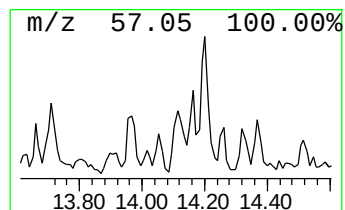
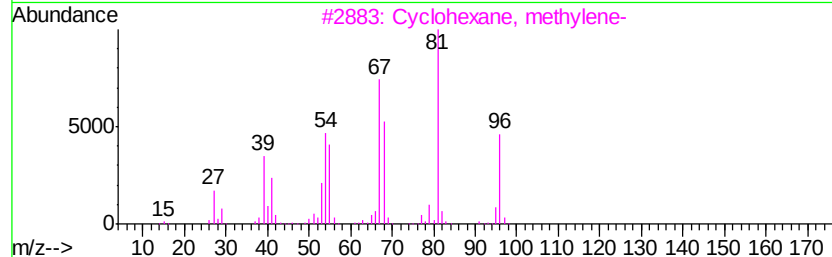
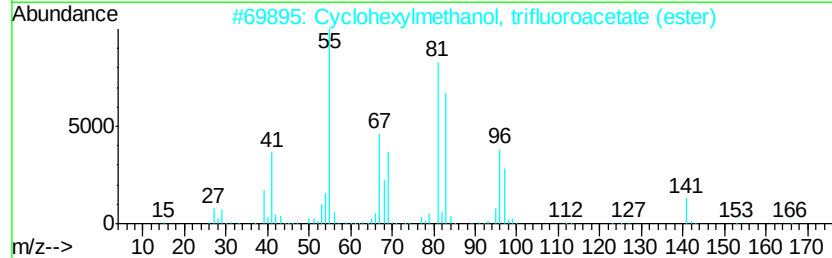
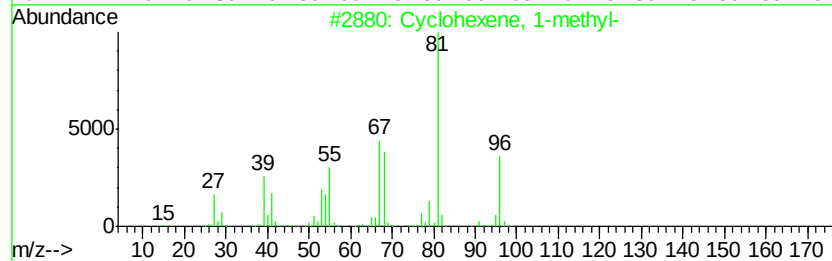
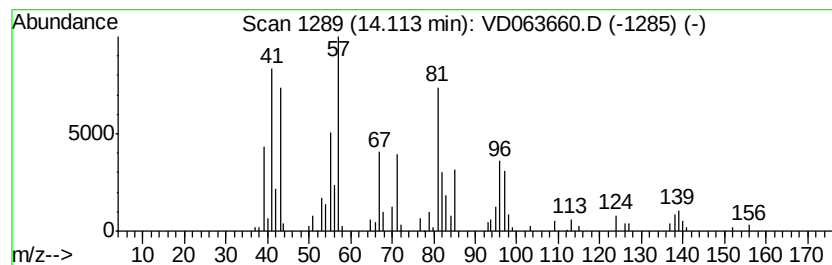
Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclohexene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	42.20 ug/l	339792	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 1-methyl-	96 C7H12	000591-49-1 55
2		Cyclohexylmethanol, trifluoroace...	210 C9H13F3O2	164071-20-9 47
3		Cyclohexane, methylene-	96 C7H12	001192-37-6 43
4		Cyclopentane, 1,3-dimethyl-2-(1-...	138 C10H18	061142-31-2 43
5		Cyclohexene, 3-methyl-	96 C7H12	000591-48-0 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
Data File : VD063660.D
Acq On : 19 Aug 2019 16:24
Operator : JC/SY
Sample : K4385-15
Misc : 5.91g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T8-C-(2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.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
Cyclohexane, 1,2,...	12.99	36.5	ug/l	875027	3	12.36	1197170	50.0
Nonane, 3-methyl-	13.22	48.3	ug/l	1156980	3	12.36	1197170	50.0
2-Decene, 5-methy...	13.33	75.5	ug/l	1807160	3	12.36	1197170	50.0
Cyclohexene, 4-me...	13.47	94.7	ug/l	762218	4	14.52	402578	50.0
3-Octene, 2,6-dim...	13.71	104.5	ug/l	840991	4	14.52	402578	50.0
unknown13.82	13.82	62.3	ug/l	501820	4	14.52	402578	50.0
2,6-Dimethylbicyc...	13.89	64.7	ug/l	520601	4	14.52	402578	50.0
unknown13.97	13.97	72.2	ug/l	581641	4	14.52	402578	50.0
Cyclohexene, 1-me...	14.11	42.2	ug/l	339792	4	14.52	402578	50.0