

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062992.D
 Acq On : 1 Jul 2019 16:08
 Operator : VA/AP
 Sample : K3160-11
 Misc : 6.48g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-062819-C

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\82D061919S.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	1.483	3	6	26	rVB	851447	2590652	90.17%	6.512%
2	3.226	177	183	186	rBV	23183	61868	2.15%	0.156%
3	3.817	239	243	250	rBV2	47741	128237	4.46%	0.322%
4	6.179	477	483	485	rBV2	10861	30991	1.08%	0.078%
5	6.927	549	559	565	rBV	532705	1519831	52.90%	3.820%
6	7.055	565	572	581	rVB	825598	2471780	86.03%	6.213%
7	7.459	606	613	625	rBV	372662	994003	34.60%	2.499%
8	8.217	684	690	705	rBV	1122099	2873188	100.00%	7.222%
9	10.412	907	913	921	rBV	1218990	2695936	93.83%	6.776%
10	12.361	1107	1111	1118	rBV	1565963	2707956	94.25%	6.807%
11	13.011	1172	1177	1183	rBV3	19239	59694	2.08%	0.150%
12	13.218	1193	1198	1201	rBV3	28373	48238	1.68%	0.121%
13	13.405	1214	1217	1220	rVB3	19054	38844	1.35%	0.098%
14	13.484	1220	1225	1227	rBV3	31213	69808	2.43%	0.175%
15	13.553	1229	1232	1237	rVV	1460806	2048560	71.30%	5.149%
16	13.661	1241	1243	1245	rBV2	59363	84694	2.95%	0.213%
17	13.710	1245	1248	1251	rVB2	81898	123188	4.29%	0.310%
18	13.818	1256	1259	1263	rBV4	36654	89943	3.13%	0.226%
19	13.927	1263	1270	1271	rBV5	73550	179560	6.25%	0.451%
20	13.966	1271	1274	1277	rVB	233868	336690	11.72%	0.846%
21	14.025	1277	1280	1282	rBV3	25248	42550	1.48%	0.107%
22	14.114	1285	1289	1292	rBV2	90305	175275	6.10%	0.441%
23	14.163	1292	1294	1295	rBV	40373	40316	1.40%	0.101%
24	14.202	1295	1298	1300	rVB2	114334	148235	5.16%	0.373%
25	14.261	1300	1304	1308	rVB5	85664	182866	6.36%	0.460%
26	14.320	1308	1310	1312	rBV2	50259	91793	3.19%	0.231%
27	14.380	1312	1316	1319	rVB5	85144	193377	6.73%	0.486%
28	14.439	1319	1322	1324	rBV3	141189	219574	7.64%	0.552%
29	14.468	1324	1325	1327	rVB2	51932	54037	1.88%	0.136%
30	14.517	1327	1330	1333	rBV	2099347	2614911	91.01%	6.573%
31	14.576	1335	1336	1338	rVB	99346	111376	3.88%	0.280%
32	14.645	1341	1343	1345	rVB2	188244	233848	8.14%	0.588%
33	14.704	1345	1349	1350	rBV4	53282	71292	2.48%	0.179%
34	14.734	1350	1352	1354	rVB3	80373	104260	3.63%	0.262%

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35	14.773	1354	1356	1358	rBV	175744	279933	9.74%	0.704%
36	14.813	1358	1360	1365	rVB3	164137	244383	8.51%	0.614%
37	14.882	1365	1367	1371	rBV2	720993	970999	33.80%	2.441%
38	14.941	1371	1373	1376	rVB3	128555	181993	6.33%	0.457%
39	15.029	1376	1382	1383	rBV3	201351	522061	18.17%	1.312%
40	15.118	1389	1391	1393	rBV2	226508	395631	13.77%	0.994%
41	15.216	1399	1401	1404	rVB3	160572	297390	10.35%	0.748%
42	15.285	1404	1408	1409	rBV2	437523	670664	23.34%	1.686%
43	15.315	1409	1411	1413	rVV2	346286	438930	15.28%	1.103%
44	15.354	1413	1415	1416	rVB2	113888	101545	3.53%	0.255%
45	15.384	1416	1418	1420	rVB3	267118	323334	11.25%	0.813%
46	15.433	1420	1423	1425	rBV2	473105	858601	29.88%	2.158%
47	15.472	1425	1427	1430	rVB4	183192	278424	9.69%	0.700%
48	15.531	1430	1433	1436	rVB4	139938	281515	9.80%	0.708%
49	15.600	1436	1440	1442	rBV4	145470	321763	11.20%	0.809%
50	15.649	1442	1445	1446	rBV	891995	1272118	44.28%	3.198%
51	15.748	1452	1455	1457	rVV2	538401	758902	26.41%	1.908%
52	15.807	1457	1461	1464	rVB4	399805	631865	21.99%	1.588%
53	15.935	1472	1474	1475	rVB	278357	293365	10.21%	0.737%
54	15.994	1475	1480	1482	rBV3	406404	914400	31.83%	2.298%
55	16.142	1493	1495	1500	rBV4	442154	842902	29.34%	2.119%
56	16.230	1500	1504	1509	rVV3	517443	1119087	38.95%	2.813%
57	16.309	1509	1512	1515	rVV3	478571	817054	28.44%	2.054%
58	16.358	1515	1517	1518	rVV	195016	229748	8.00%	0.577%
59	16.417	1521	1523	1526	rVV3	200948	327686	11.40%	0.824%
60	16.476	1526	1529	1531	rVV	281626	543079	18.90%	1.365%
61	16.506	1531	1532	1536	rVB3	306625	359105	12.50%	0.903%
62	16.575	1536	1539	1542	rVV4	145247	233057	8.11%	0.586%
63	16.624	1542	1544	1551	rVB3	253962	549318	19.12%	1.381%
64	16.732	1551	1555	1558	rBV	253117	374193	13.02%	0.941%
65	16.782	1558	1560	1564	rVB3	86788	168346	5.86%	0.423%
66	16.870	1564	1569	1572	rVB4	175312	360112	12.53%	0.905%
67	16.919	1572	1574	1580	rVB2	71974	116394	4.05%	0.293%
68	17.057	1585	1588	1591	rVB4	41896	80702	2.81%	0.203%
69	17.106	1591	1593	1596	rVB4	31274	38856	1.35%	0.098%
70	17.166	1596	1599	1603	rVB5	42173	95012	3.31%	0.239%
71	17.244	1603	1607	1610	rVB5	25065	53928	1.88%	0.136%

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Peak separation: 5

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Title : SW846 8260

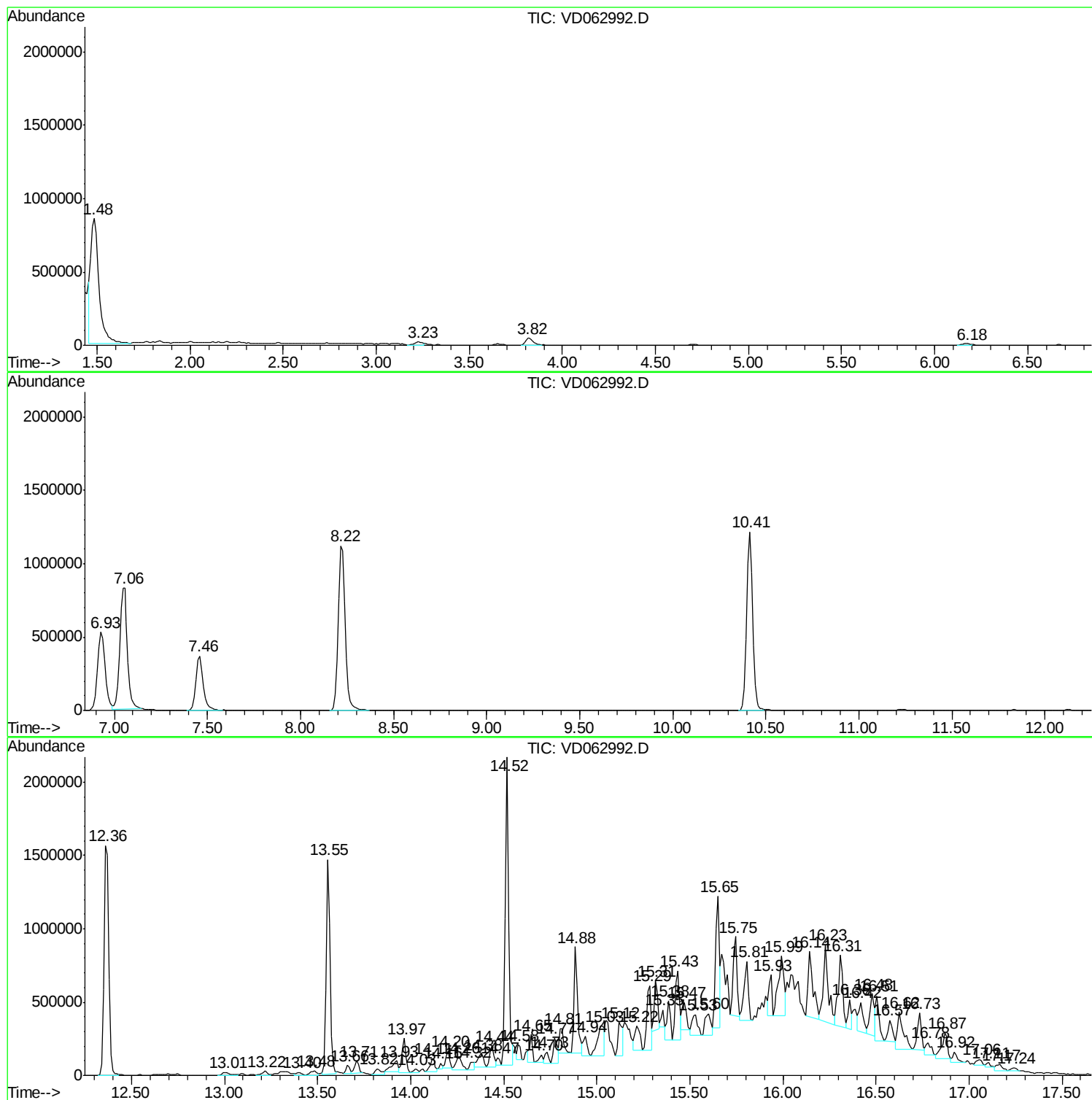
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
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Instrument :
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ClientSampleId :
EO-01-062819-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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 :
EO-01-062819-C

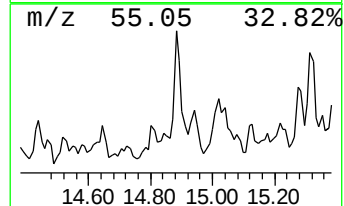
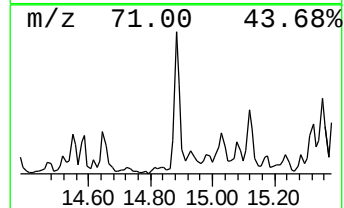
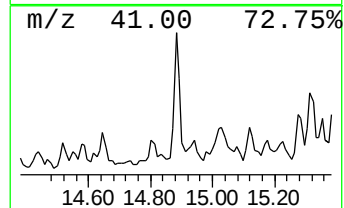
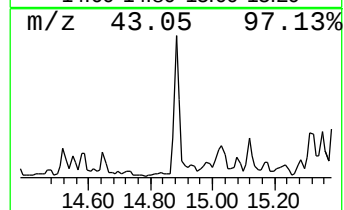
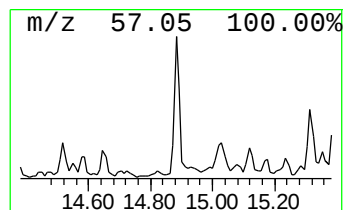
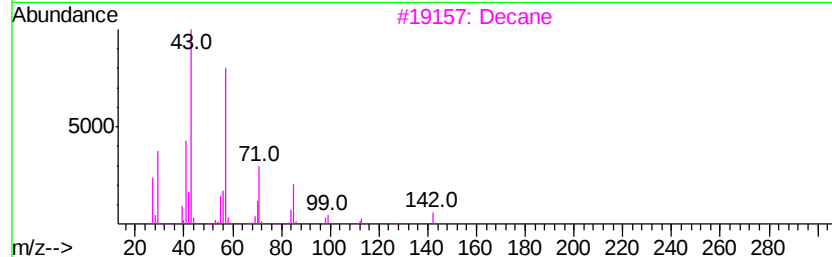
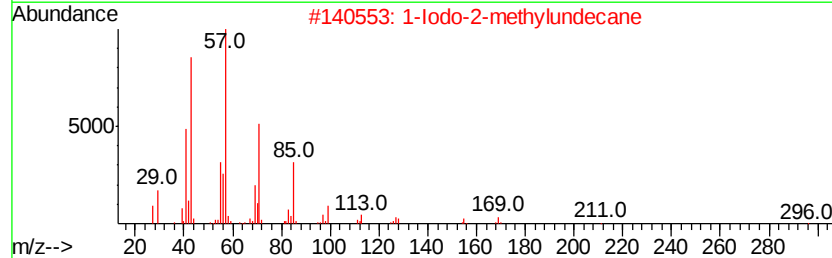
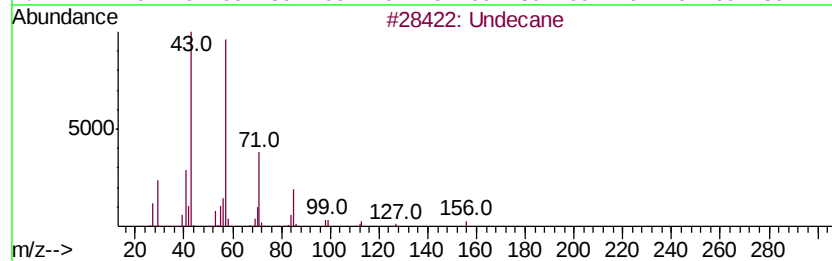
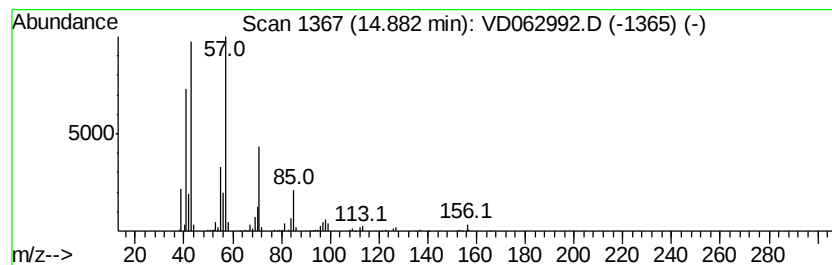
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	18.57 ug/l	970999	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	81
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3		Decane	142	C10H22	000124-18-5	72
4		Tetratetracontane	619	C44H90	007098-22-8	64
5		Tritetracontane	605	C43H88	007098-21-7	64



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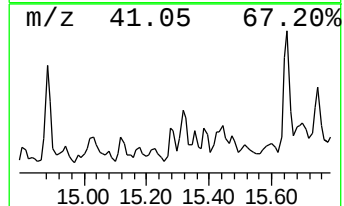
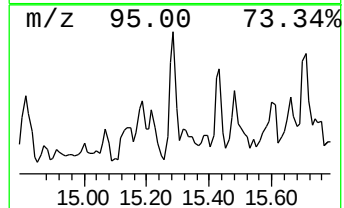
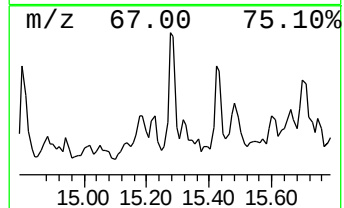
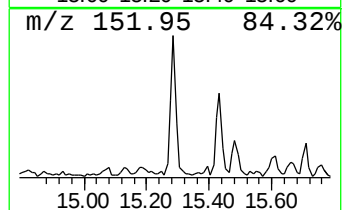
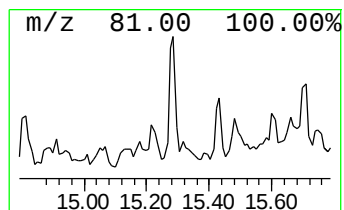
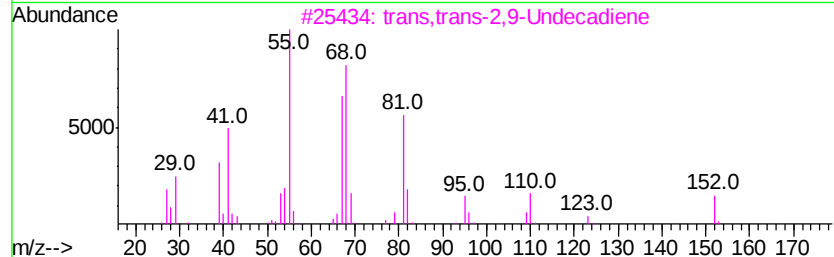
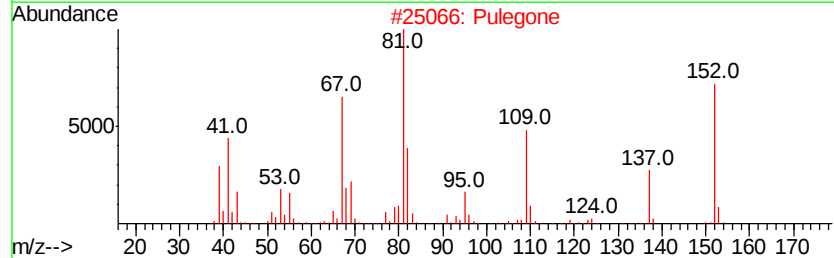
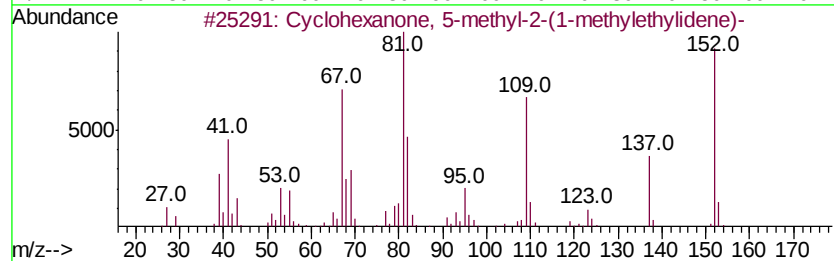
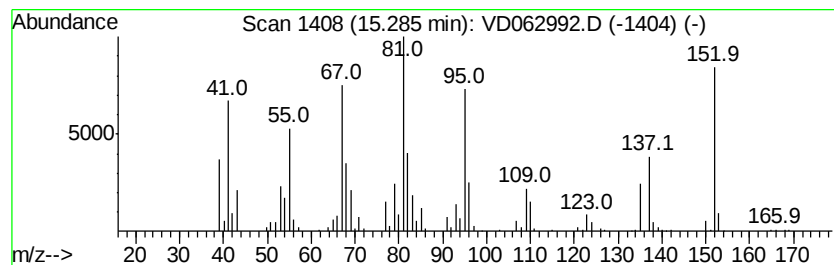
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexanone, 5-methyl-2-(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	12.82 ug/l	670664	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 86
2		Pulegone	152 C10H16O	000089-82-7 86
3		trans,trans-2,9-Undecadiene	152 C11H20	022057-21-2 62
4		Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	005948-04-9 62
5		Bicyclo[4.1.0]heptane, 3-methyl-	110 C8H14	041977-47-3 60



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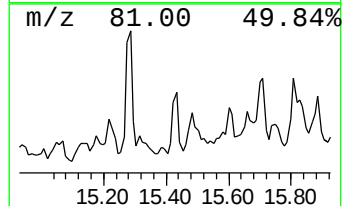
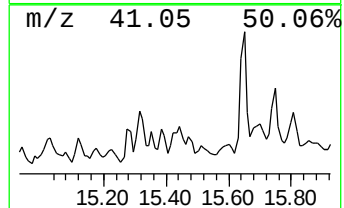
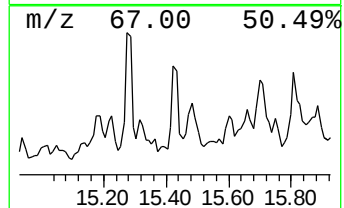
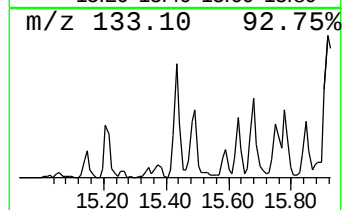
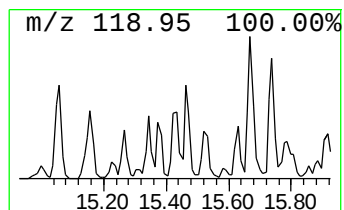
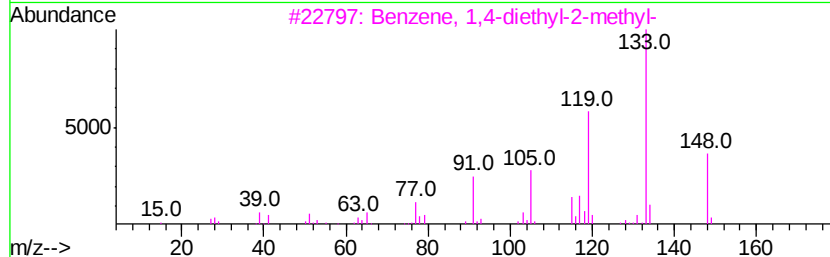
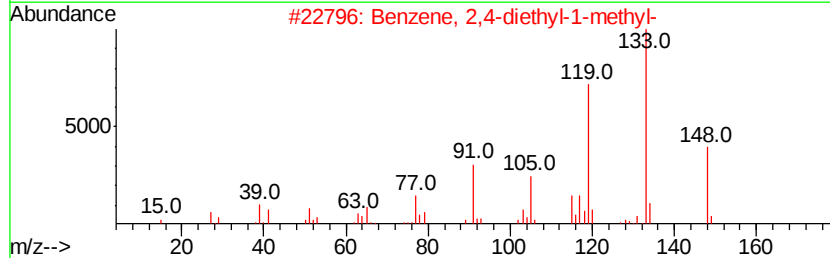
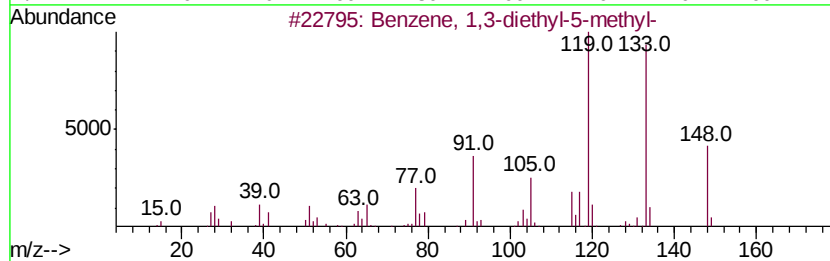
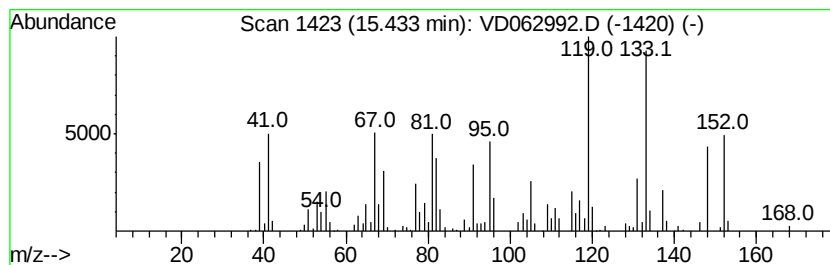
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	16.42 ug/l	858601	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 95
2		Benzene, 2,4-diethyl-1-methyl-	148 C11H16	001758-85-6 46
3		Benzene, 1,4-diethyl-2-methyl-	148 C11H16	013632-94-5 38
4		4'-Methylpropiophenone	148 C10H12O	005337-93-9 30
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8 30



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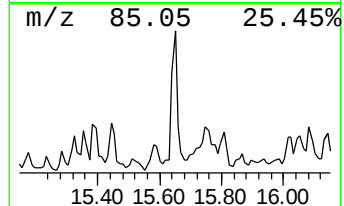
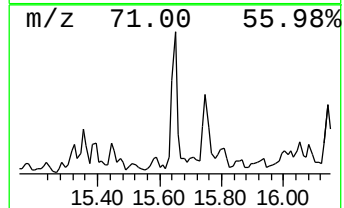
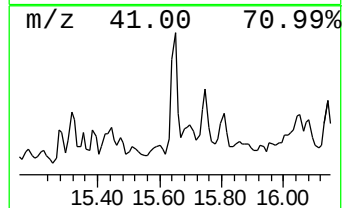
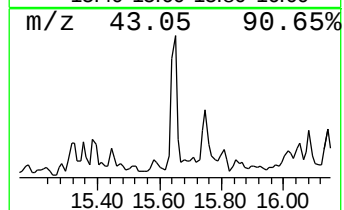
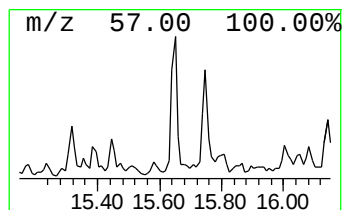
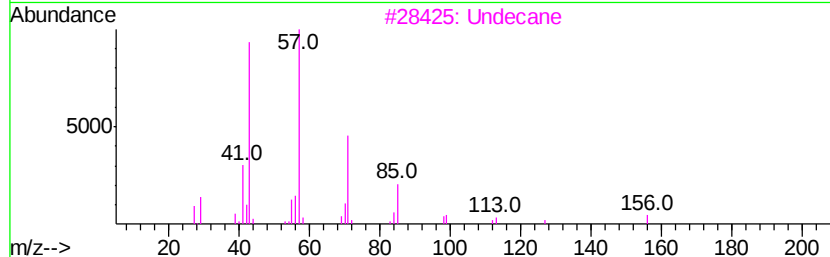
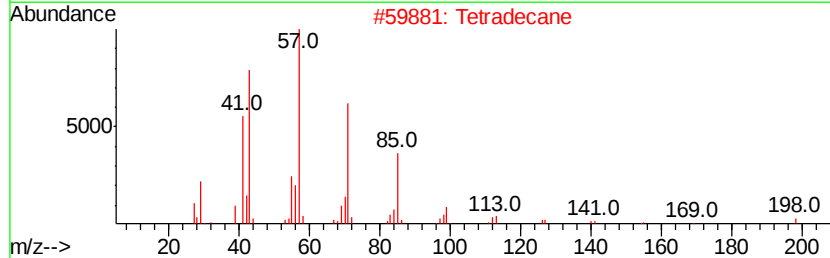
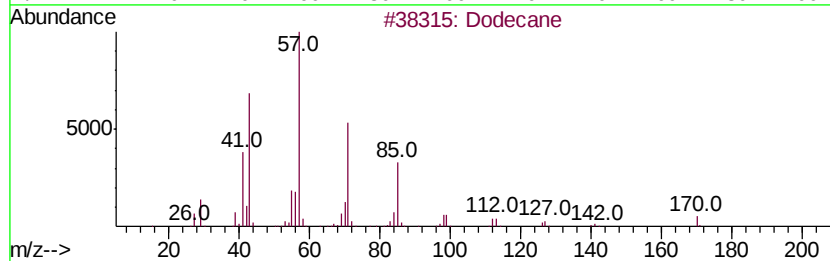
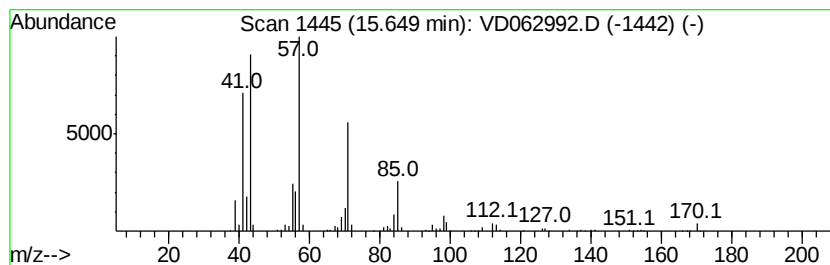
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	24.32 ug/l	1272120	1,4-Dichlorobenzene-d4	14.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	91
2	Tetradecane		198	C14H30	000629-59-4	86
3	Undecane		156	C11H24	001120-21-4	83
4	Dodecane, 2,5-dimethyl-		198	C14H30	056292-65-0	64
5	Hexadecane		226	C16H34	000544-76-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062992.D
 Acq On : 1 Jul 2019 16:08
 Operator : VA/AP
 Sample : K3160-11
 Misc : 6.48g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-062819-C

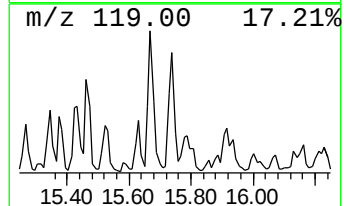
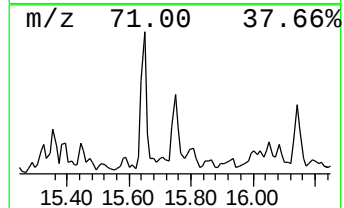
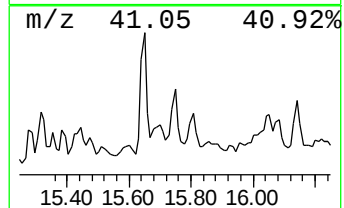
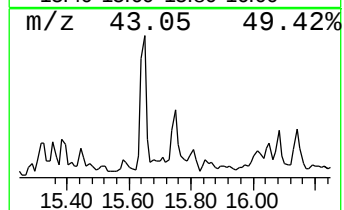
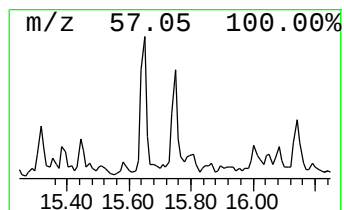
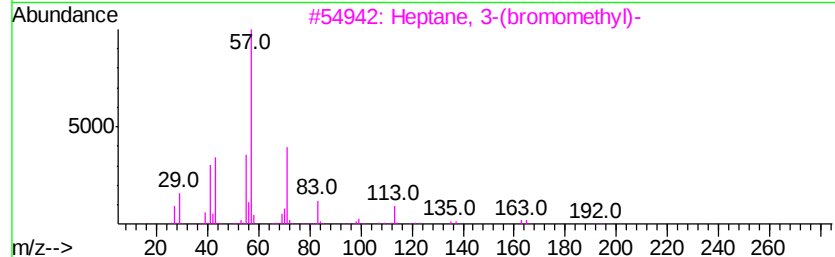
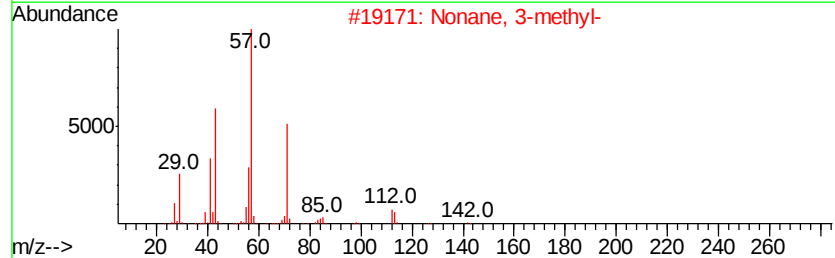
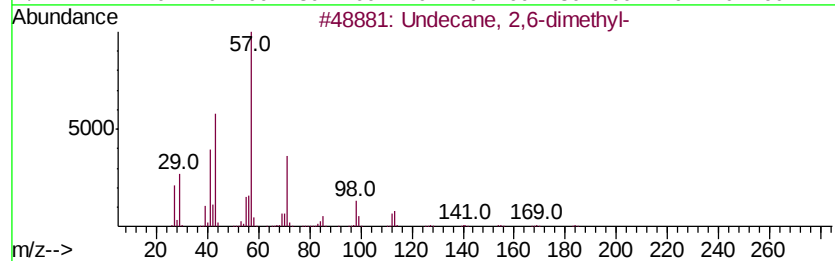
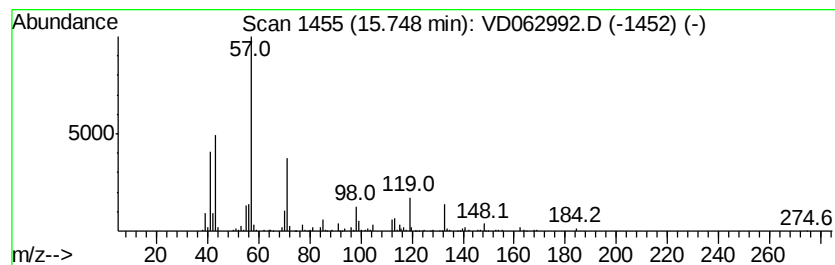
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 Quant Title : SW846 8260

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

 Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	14.51 ug/l	758902	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	43
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	35
5		Pentadecane	212	C15H32	000629-62-9	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
Data File : VD062992.D
Acq On : 1 Jul 2019 16:08
Operator : VA/AP
Sample : K3160-11
Misc : 6.48g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

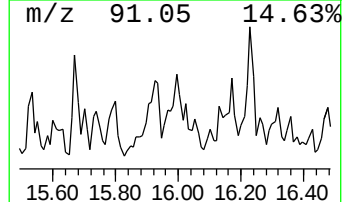
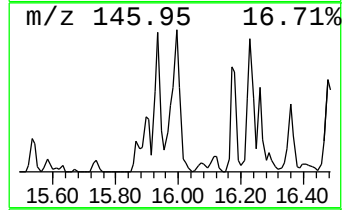
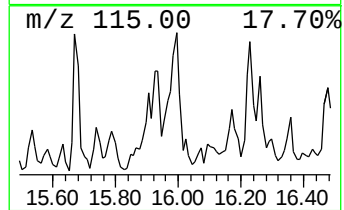
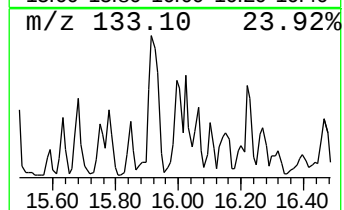
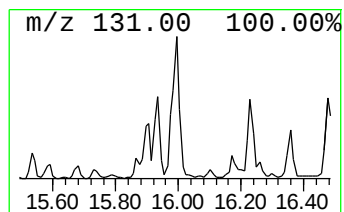
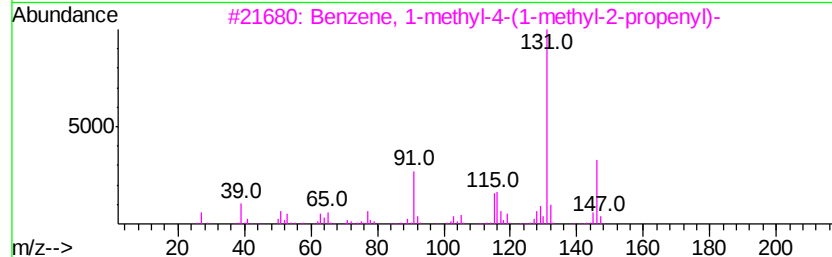
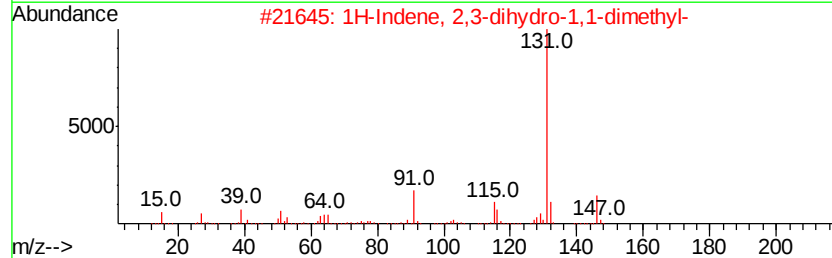
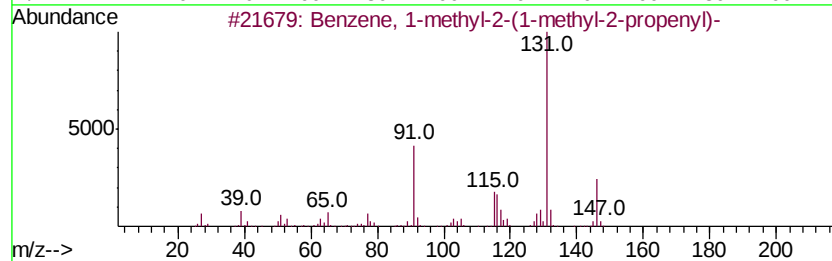
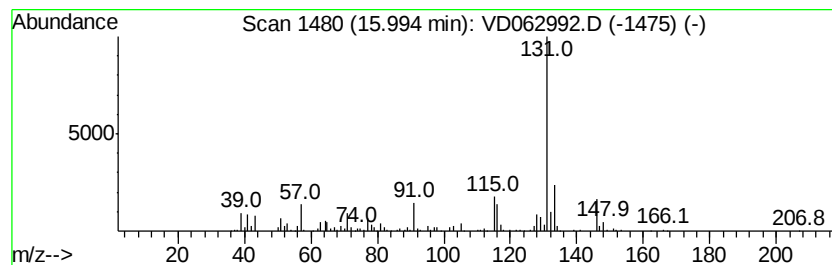
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MSVOA_D
ClientSampleID :
EO-01-062819-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.99	17.48 ug/l	914400	1,4-Dichlorobenzene-d4	14.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	74
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
Data File : VD062992.D
Acq On : 1 Jul 2019 16:08
Operator : VA/AP
Sample : K3160-11
Misc : 6.48g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

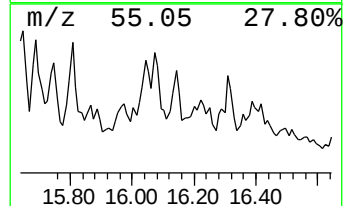
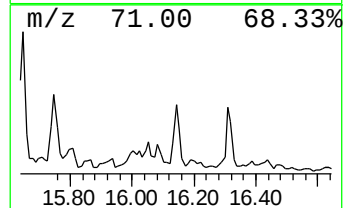
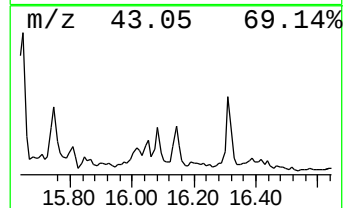
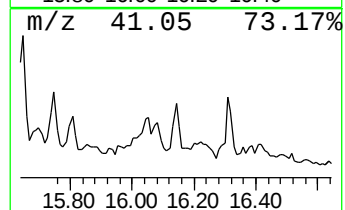
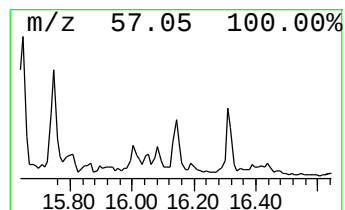
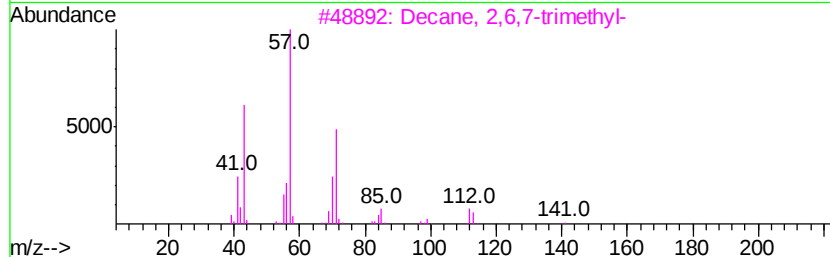
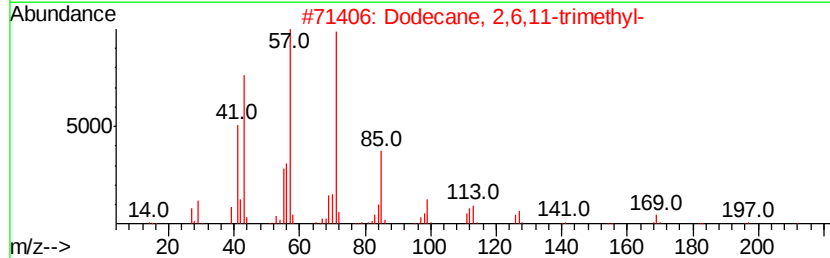
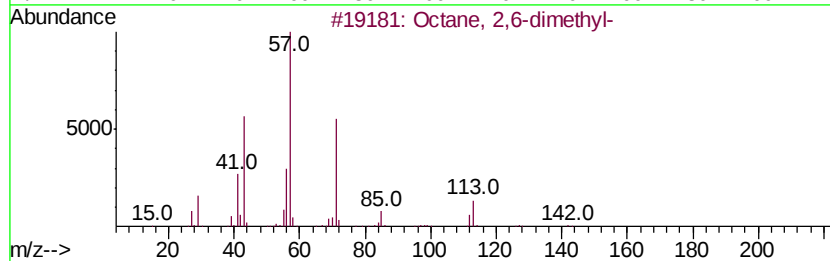
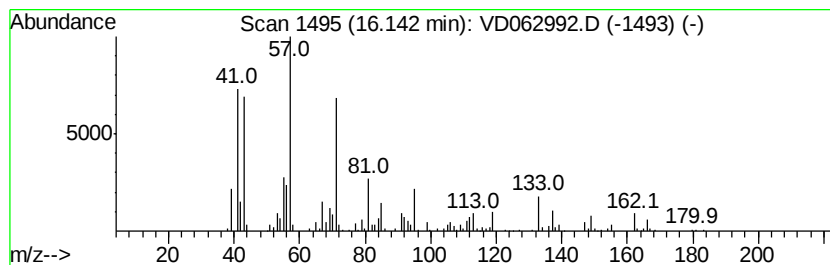
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ClientSampleId :
EO-01-062819-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	16.12 ug/l	842902	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 50
2		Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4 47
3		Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2 47
4		Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8 43
5		Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
Data File : VD062992.D
Acq On : 1 Jul 2019 16:08
Operator : VA/AP
Sample : K3160-11
Misc : 6.48g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-062819-C

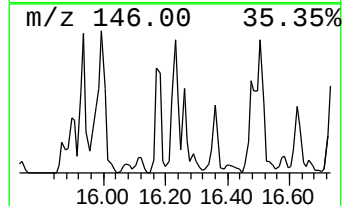
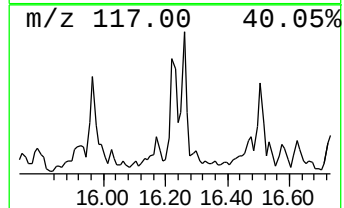
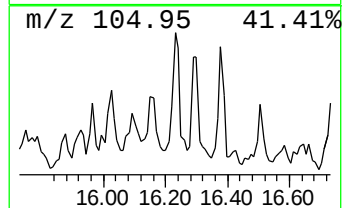
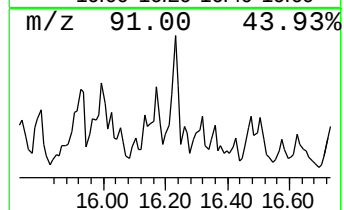
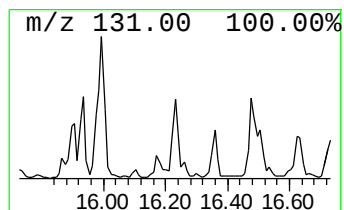
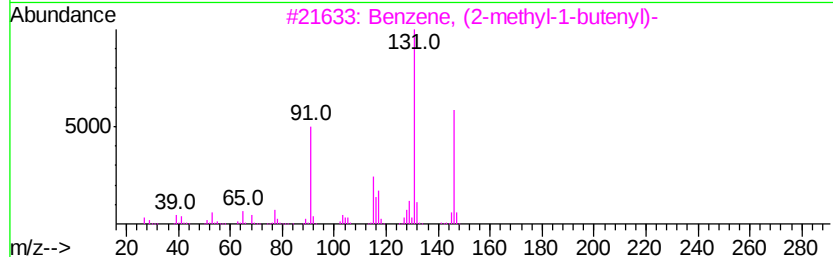
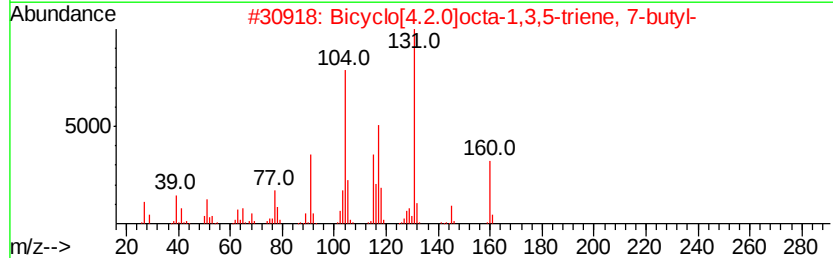
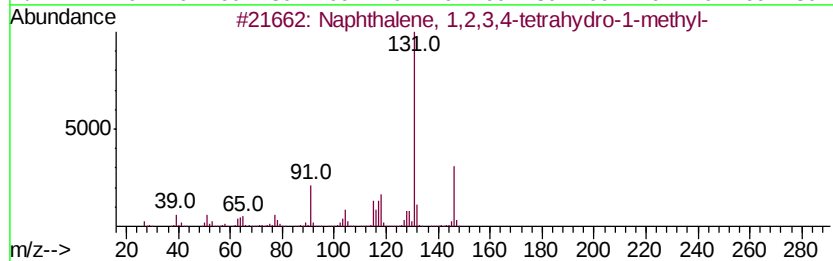
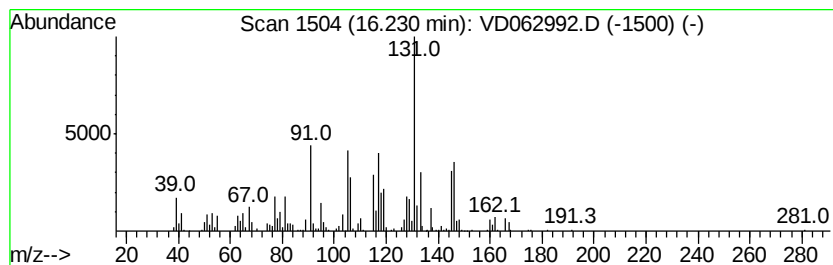
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	21.40 ug/l	1119090	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	53
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
Data File : VD062992.D
Acq On : 1 Jul 2019 16:08
Operator : VA/AP
Sample : K3160-11
Misc : 6.48g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

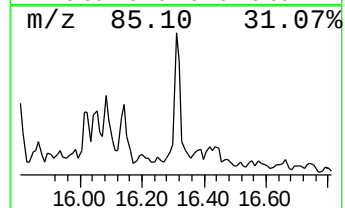
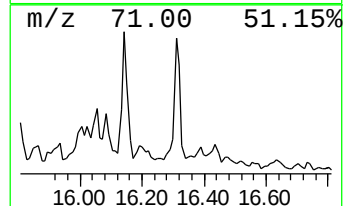
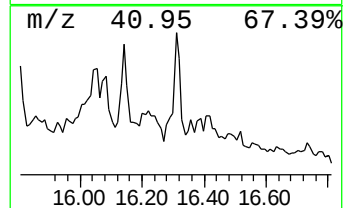
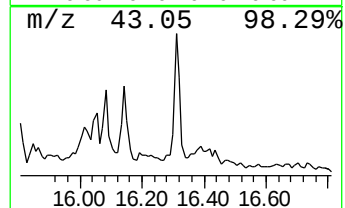
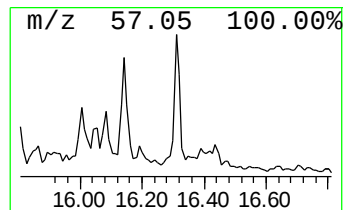
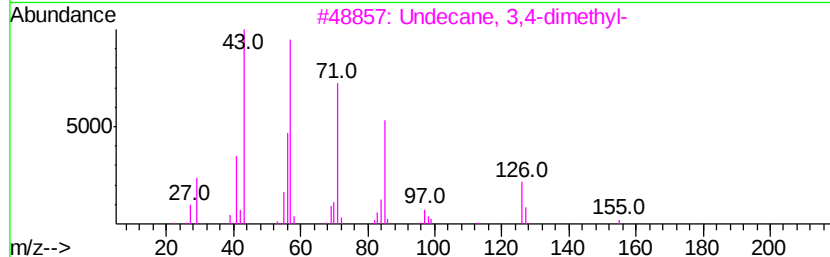
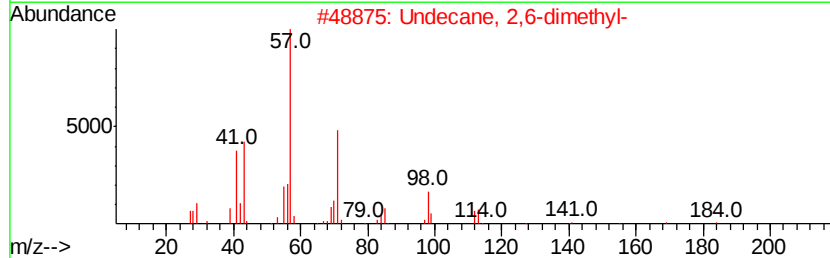
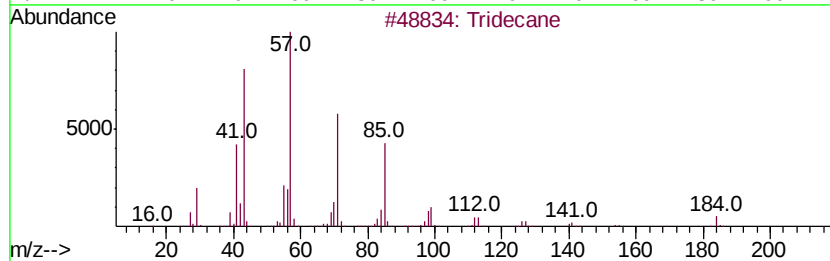
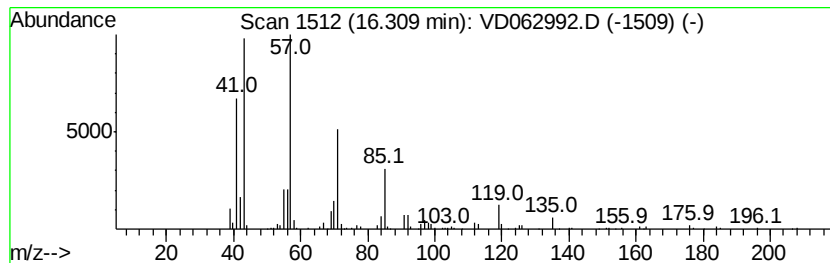
Instrument :
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ClientSampleID :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	15.62 ug/l	817054	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	81
2	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	62
3	Undecane, 3,4-dimethyl-	184 C13H28	017312-78-6	53
4	Undecane, 2,4-dimethyl-	184 C13H28	017312-80-0	50
5	Octane, 3-ethyl-2,7-dimethyl-	170 C12H26	062183-55-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD070119\
Data File : VD062992.D
Acq On : 1 Jul 2019 16:08
Operator : VA/AP
Sample : K3160-11
Misc : 6.48g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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
Undecane	14.88	18.6	ug/l	970999	4	14.52	2614910	50.0
Cyclohexanone, 5-...	15.29	12.8	ug/l	670664	4	14.52	2614910	50.0
Benzene, 1,3-diet...	15.43	16.4	ug/l	858601	4	14.52	2614910	50.0
Dodecane	15.65	24.3	ug/l	1272120	4	14.52	2614910	50.0
Undecane, 2,6-dim...	15.75	14.5	ug/l	758902	4	14.52	2614910	50.0
Benzene, 1-methyl...	15.99	17.5	ug/l	914400	4	14.52	2614910	50.0
Octane, 2,6-dimet...	16.14	16.1	ug/l	842902	4	14.52	2614910	50.0
Naphthalene, 1,2,...	16.23	21.4	ug/l	1119090	4	14.52	2614910	50.0
Tridecane	16.31	15.6	ug/l	817054	4	14.52	2614910	50.0