

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
 Data File : VF061466.D
 Acq On : 18 Jan 2019 18:26
 Operator : VA/AP
 Sample : K1013-07
 Misc : 6.51g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-011819-D

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_F\METHODS\82F011519S.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	1.619	97	100	106	rBV5	4976	9827	1.01%	0.133%
2	2.171	152	156	159	rBV	15054	29576	3.05%	0.401%
3	2.231	159	162	170	rVV4	18936	72204	7.44%	0.978%
4	3.030	241	243	250	rVB	10065	14924	1.54%	0.202%
5	4.105	344	352	365	rVB2	143417	470073	48.46%	6.369%
6	4.618	402	404	409	rVV	20757	18464	1.90%	0.250%
7	4.854	420	428	439	rBV2	275772	970097	100.00%	13.143%
8	5.584	496	502	517	rBV	318082	845189	87.12%	11.451%
9	7.547	695	701	705	rBV	405107	925525	95.41%	12.539%
10	7.616	705	708	716	rVB	54973	130755	13.48%	1.772%
11	9.767	921	926	935	rBV	378665	837227	86.30%	11.343%
12	9.895	935	939	942	rVB2	12915	26542	2.74%	0.360%
13	10.122	957	962	969	rBV	34667	76670	7.90%	1.039%
14	10.704	1018	1021	1026	rVB	20216	38679	3.99%	0.524%
15	11.404	1088	1092	1104	rBV	300495	533415	54.99%	7.227%
16	11.552	1104	1107	1110	rVV4	9469	19897	2.05%	0.270%
17	11.661	1114	1118	1120	rVV3	10183	18993	1.96%	0.257%
18	11.720	1120	1124	1128	rVB	14348	32395	3.34%	0.439%
19	11.819	1131	1134	1138	rVB2	13891	21067	2.17%	0.285%
20	12.016	1149	1154	1157	rVB2	13245	26566	2.74%	0.360%
21	12.203	1170	1173	1176	rVB	35894	51640	5.32%	0.700%
22	12.302	1178	1183	1188	rBV5	4182	9750	1.01%	0.132%
23	12.381	1188	1191	1193	rBV3	5594	9737	1.00%	0.132%
24	12.420	1193	1195	1197	rVV2	8920	12015	1.24%	0.163%
25	12.460	1197	1199	1204	rVB5	6828	12448	1.28%	0.169%
26	12.549	1204	1208	1212	rBV	398065	613076	63.20%	8.306%
27	12.608	1212	1214	1218	rVB	35889	54765	5.65%	0.742%
28	12.716	1222	1225	1228	rBV2	16492	36349	3.75%	0.492%
29	12.766	1228	1230	1232	rVV	19539	31764	3.27%	0.430%
30	12.815	1232	1235	1241	rVB3	42262	102980	10.62%	1.395%
31	12.923	1244	1246	1249	rBV3	7572	14477	1.49%	0.196%
32	13.002	1252	1254	1258	rVB	19623	28689	2.96%	0.389%
33	13.091	1258	1263	1267	rBV	25919	65452	6.75%	0.887%
34	13.150	1267	1269	1272	rBV	28052	44862	4.62%	0.608%

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35	13.229	1275	1277	1278	rVV	13610	20330	2.10%	0.275%
36	13.288	1281	1283	1286	rVB4	9408	16101	1.66%	0.218%
37	13.377	1290	1292	1294	rVB2	10971	14413	1.49%	0.195%
38	13.417	1294	1296	1301	rBV	15359	27839	2.87%	0.377%
39	13.496	1301	1304	1306	rBV2	17760	21865	2.25%	0.296%
40	13.535	1306	1308	1310	rBV	27671	38545	3.97%	0.522%
41	13.574	1310	1312	1314	rVB2	11635	15745	1.62%	0.213%
42	13.634	1314	1318	1321	rVB4	7255	18215	1.88%	0.247%
43	13.703	1322	1325	1328	rBV2	69011	105759	10.90%	1.433%
44	13.752	1328	1330	1334	rVB3	11872	20419	2.10%	0.277%
45	13.811	1334	1336	1337	rBV	12826	15274	1.57%	0.207%
46	13.851	1337	1340	1344	rBV2	71490	119536	12.32%	1.620%
47	13.910	1344	1346	1349	rVB2	17370	28164	2.90%	0.382%
48	13.969	1349	1352	1357	rVB	55374	83050	8.56%	1.125%
49	14.048	1357	1360	1361	rBV	12767	18711	1.93%	0.254%
50	14.078	1361	1363	1366	rVB	17519	23195	2.39%	0.314%
51	14.147	1366	1370	1373	rBV4	28994	61377	6.33%	0.832%
52	14.216	1374	1377	1380	rVB3	23907	40688	4.19%	0.551%
53	14.403	1393	1396	1398	rBV	25405	37915	3.91%	0.514%
54	14.452	1398	1401	1404	rVV2	46739	63173	6.51%	0.856%
55	14.590	1413	1415	1419	rVB2	19415	28670	2.96%	0.388%
56	14.738	1427	1430	1435	rVB	71743	104830	10.81%	1.420%
57	14.877	1442	1444	1453	rVB6	14707	37197	3.83%	0.504%
58	14.995	1453	1456	1459	rBV	34352	51897	5.35%	0.703%
59	15.103	1464	1467	1470	rBV2	30161	51382	5.30%	0.696%
60	15.281	1482	1485	1487	rVV	16263	24317	2.51%	0.329%
61	15.340	1487	1491	1494	rVV4	11863	27775	2.86%	0.376%
62	15.409	1494	1498	1501	rVB	12530	22945	2.37%	0.311%
63	15.636	1519	1521	1527	rVB3	9789	19718	2.03%	0.267%
64	15.981	1553	1556	1564	rVB4	4310	15860	1.63%	0.215%

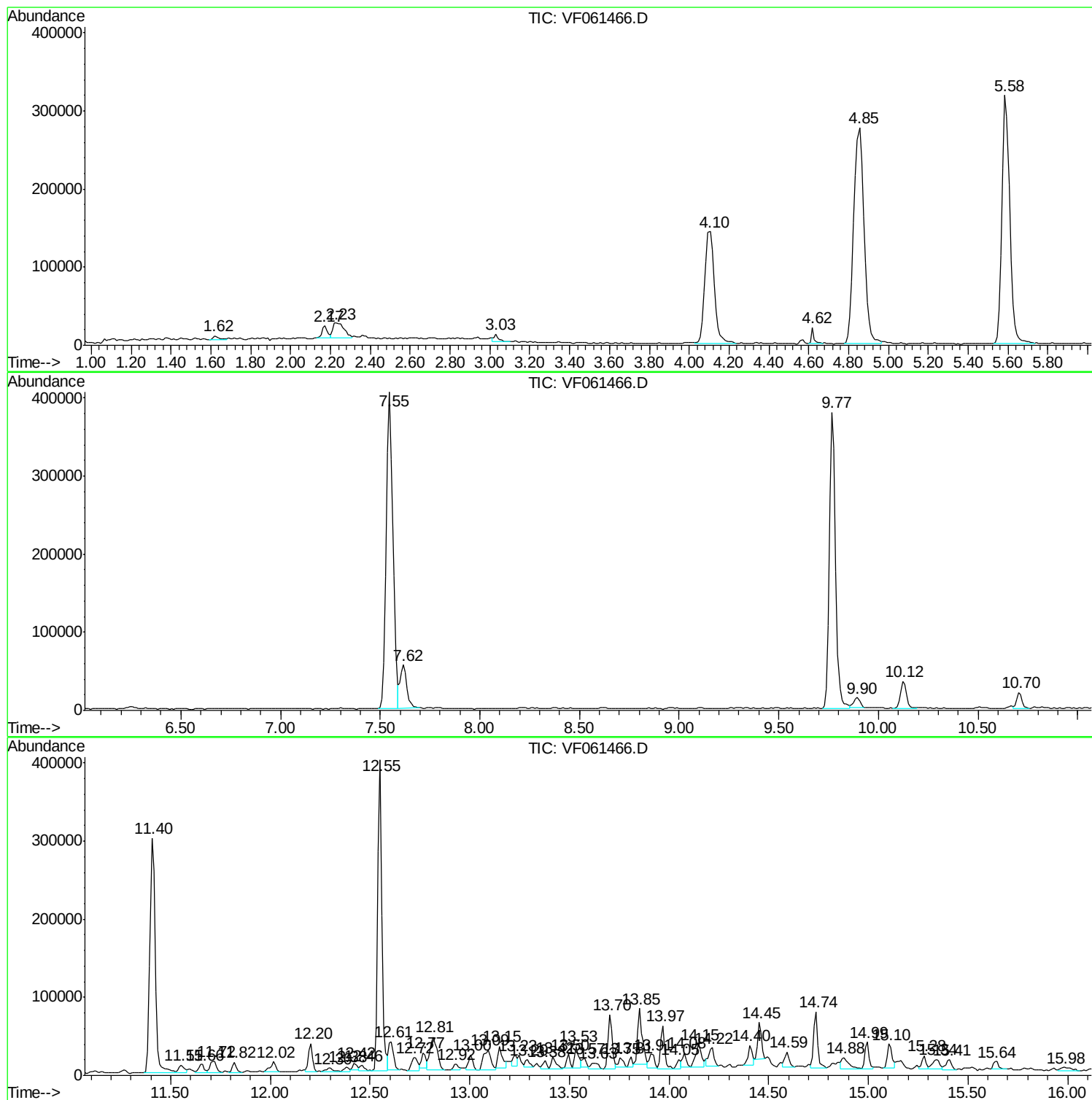
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Quant Title : SW846 8260

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



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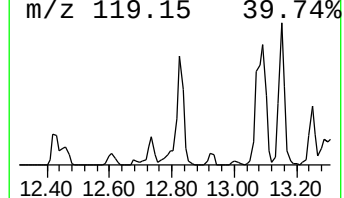
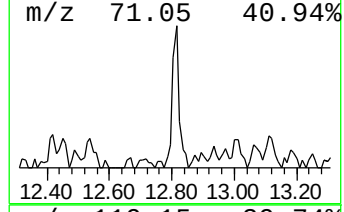
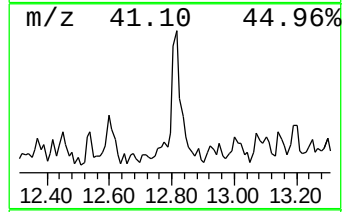
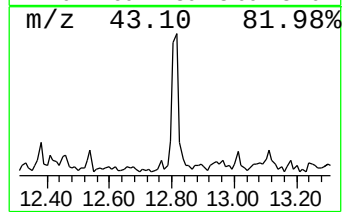
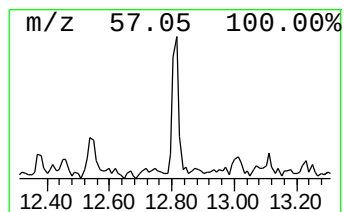
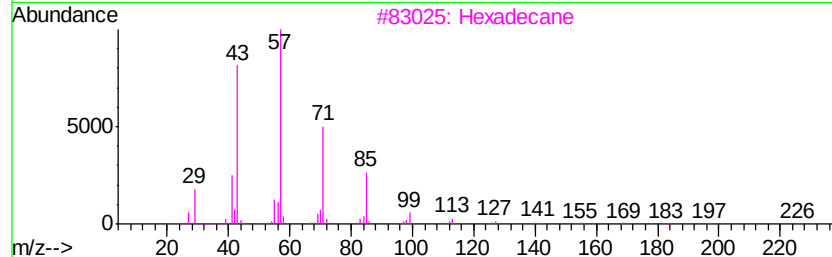
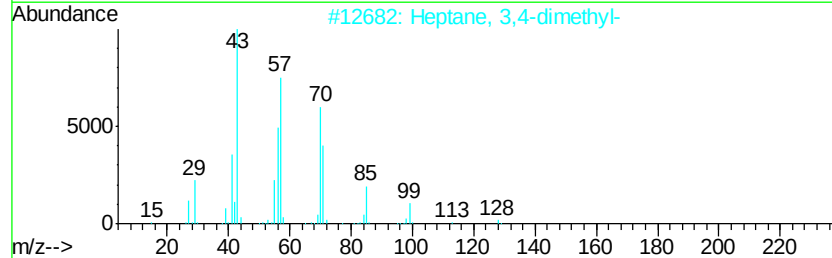
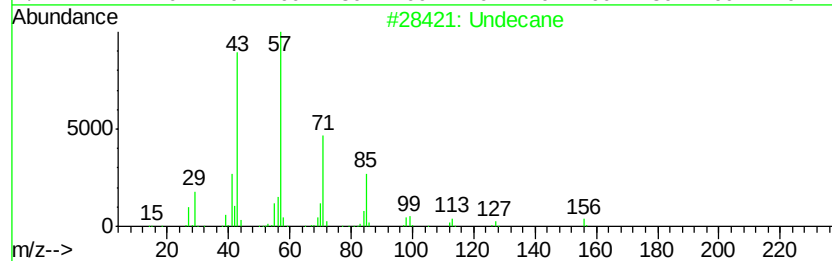
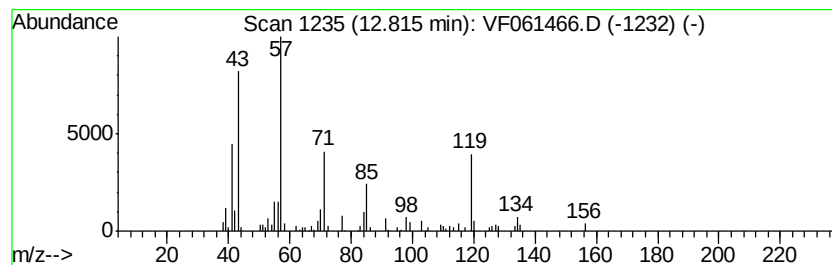
Instrument :
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ClientSampleId :
PL-01-011819-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	8.40 ug/l	102980	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	78
2	Heptane, 3,4-dimethyl-	128 C9H20	000922-28-1	46
3	Hexadecane	226 C16H34	000544-76-3	43
4	Tridecane	184 C13H28	000629-50-5	43
5	Decane, 2,3,7-trimethyl-	184 C13H28	062238-13-5	38



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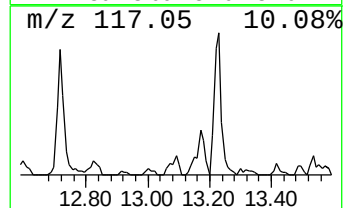
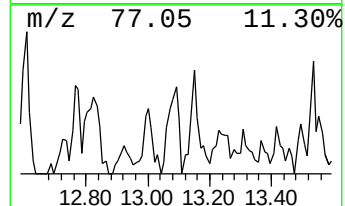
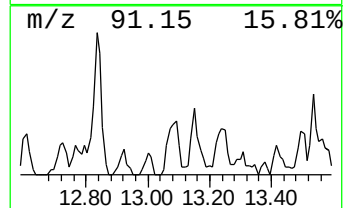
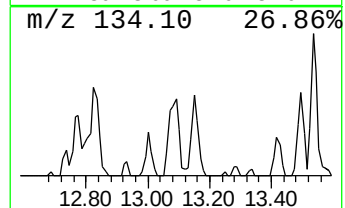
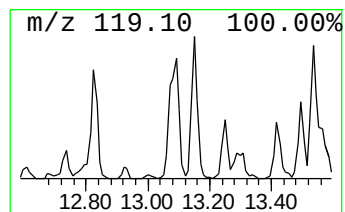
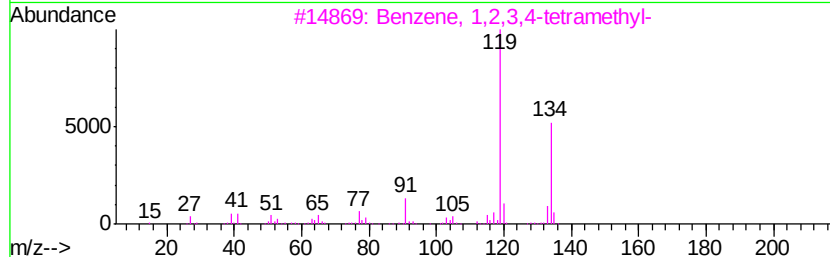
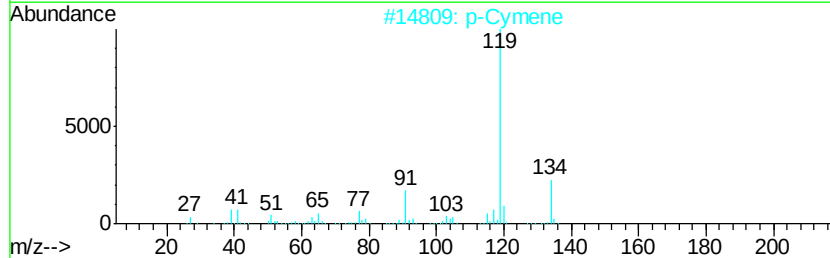
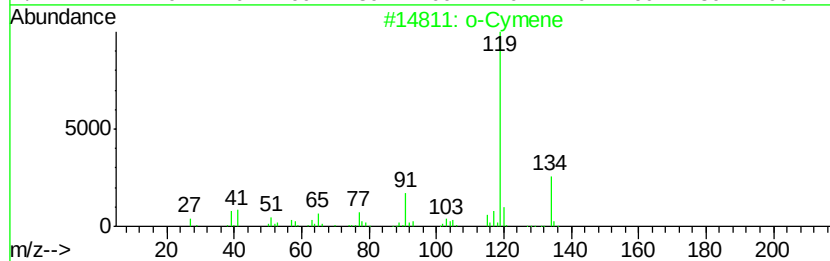
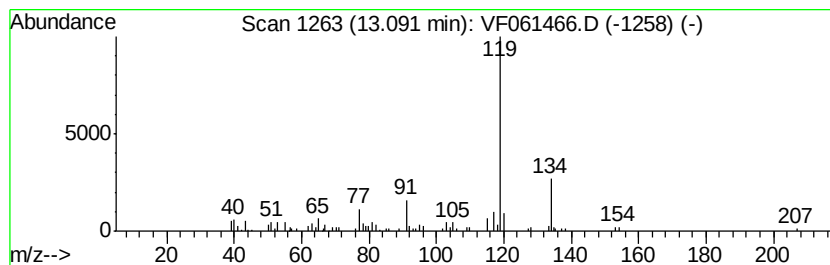
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.34 ug/l	65452	1,4-Dichlorobenzene-d4	12.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	94
2		p-Cymene	134	C10H14	000099-87-6	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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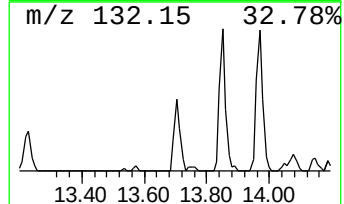
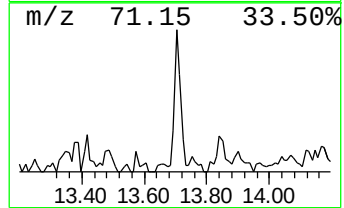
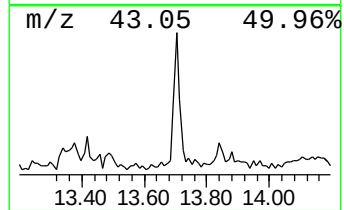
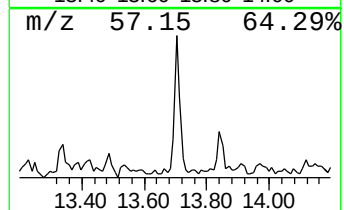
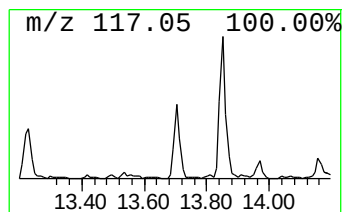
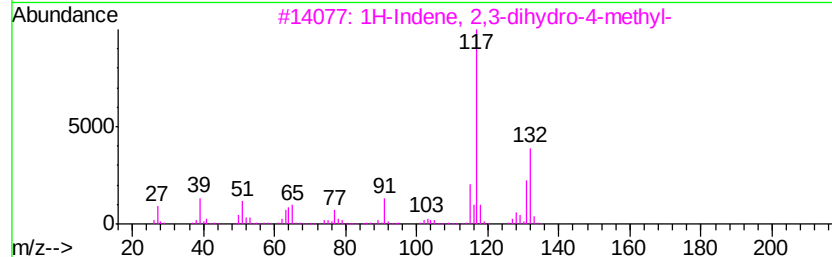
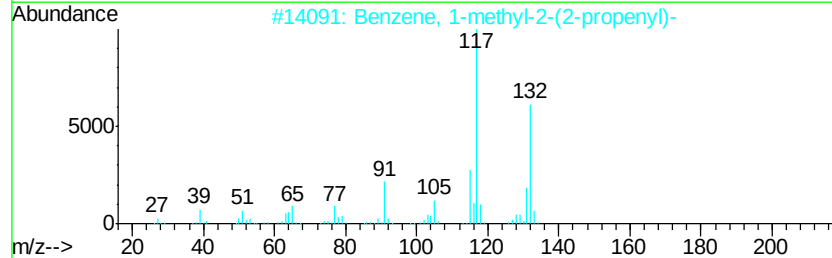
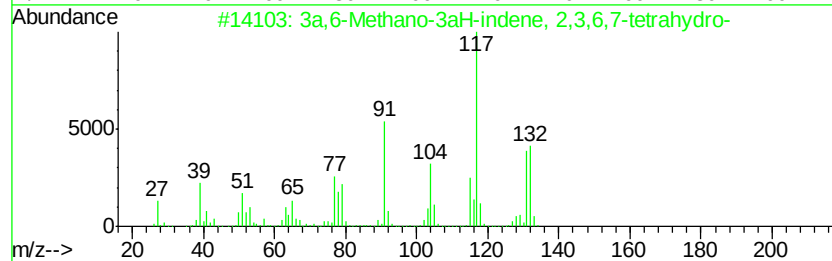
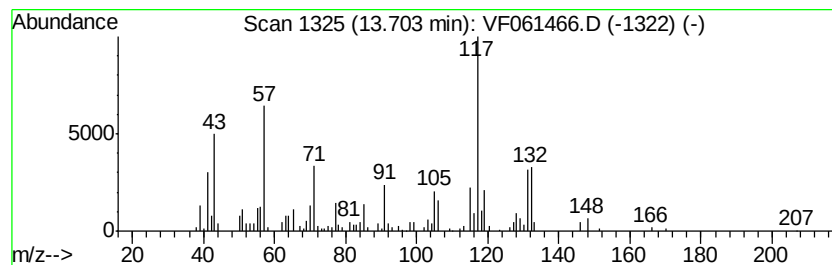
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 3a,6-Methano-3aH-indene, 2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	8.63 ug/l	105759	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	76
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	64



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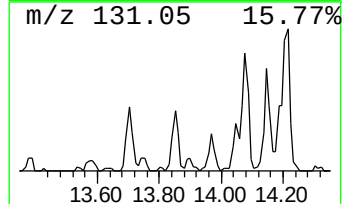
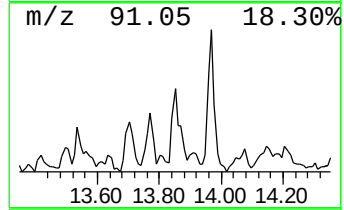
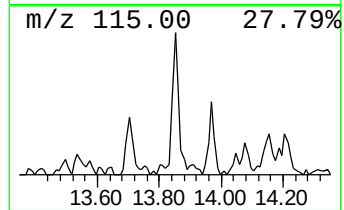
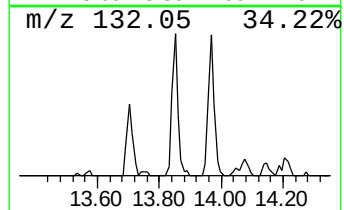
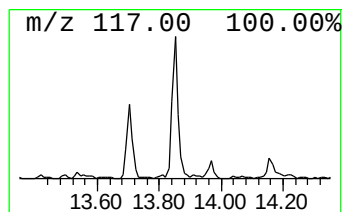
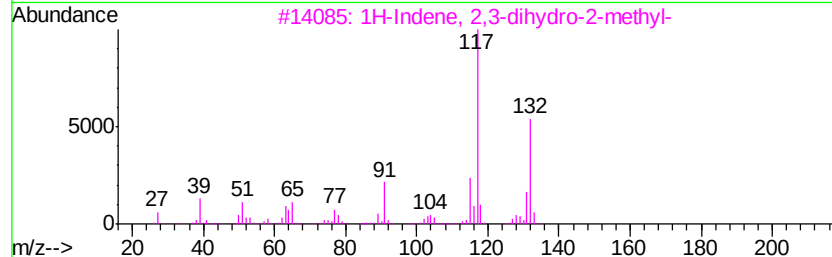
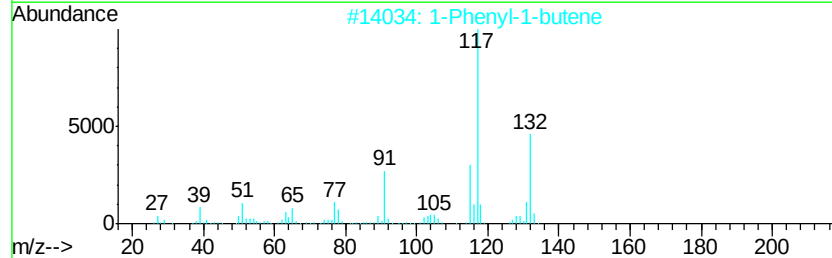
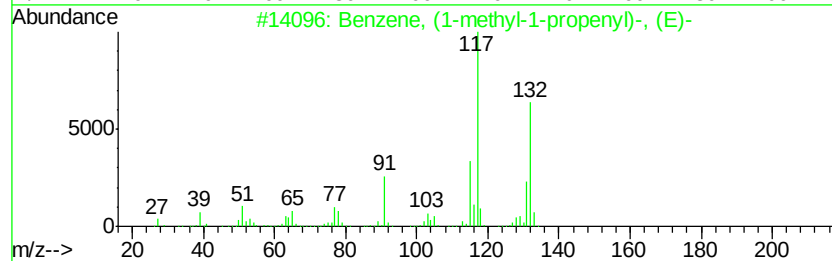
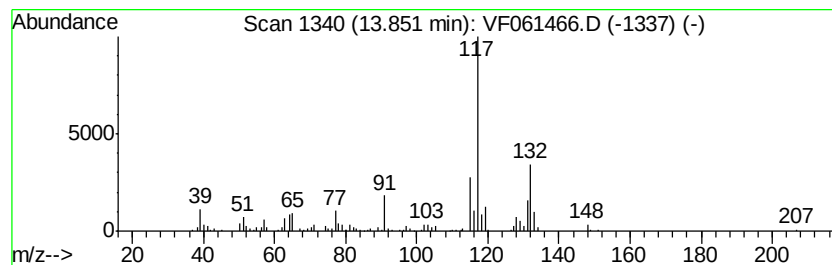
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Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	9.75 ug/l	119536	1,4-Dichlorobenzene-d4	12.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	87
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



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ClientSampleId :
PL-01-011819-D

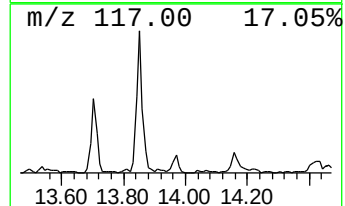
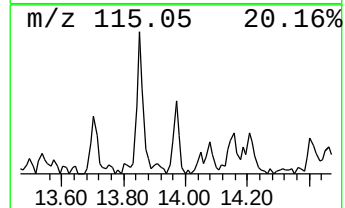
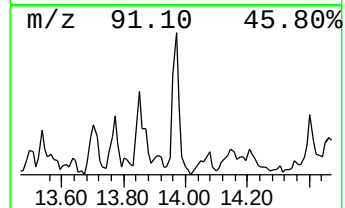
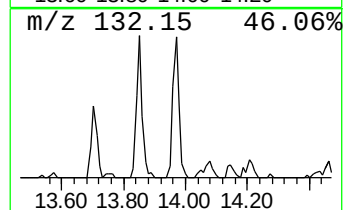
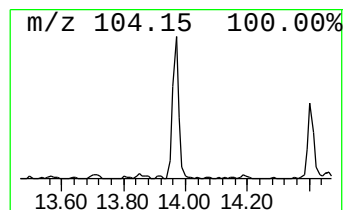
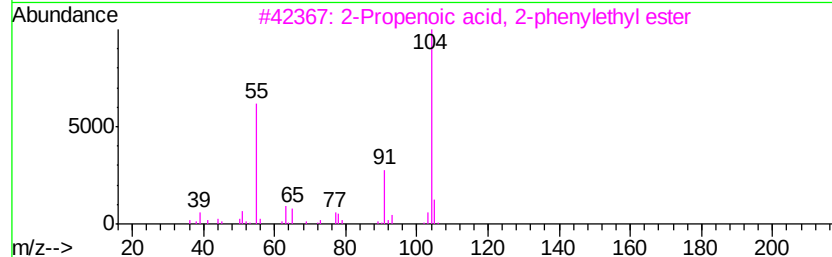
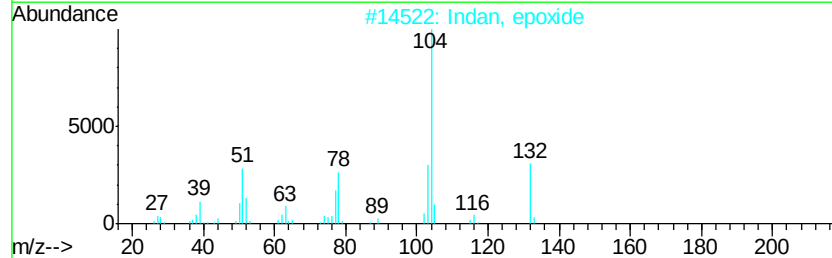
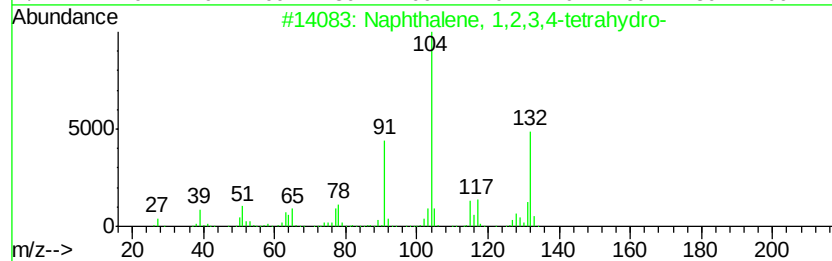
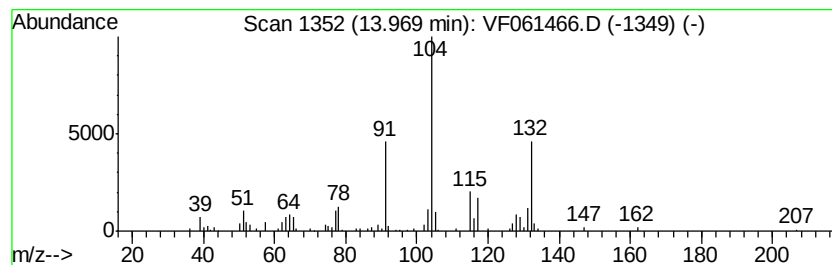
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.77 ug/l	83050	1,4-Dichlorobenzene-d4	12.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2		Indan, epoxide	132	C9H8O	000768-22-9	53
3		2-Propenoic acid, 2-phenylethyl ...	176	C11H12O2	003530-36-7	35
4		Pentafluoropropionic acid, 2-phenylethyl ...	268	C11H9F5O2	081089-48-7	35
5		Phensuximide	189	C11H11NO2	000086-34-0	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061466.D
Acq On : 18 Jan 2019 18:26
Operator : VA/AP
Sample : K1013-07
Misc : 6.51a/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

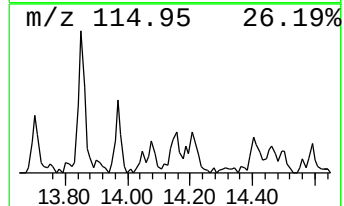
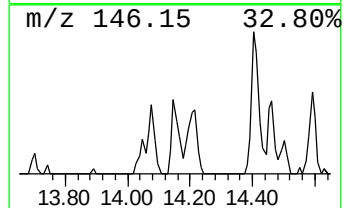
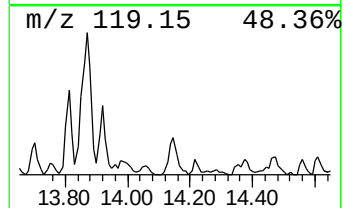
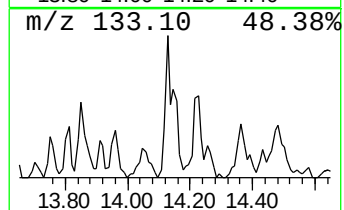
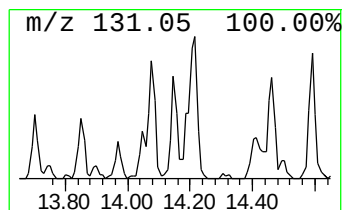
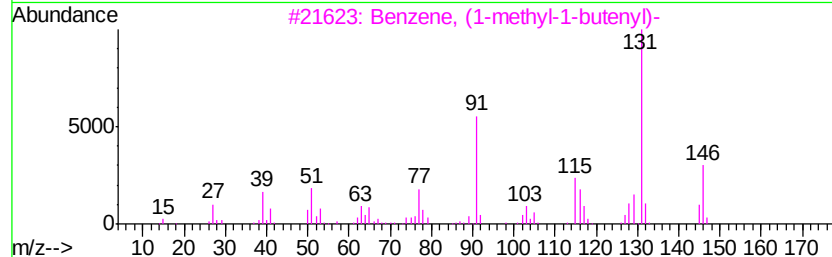
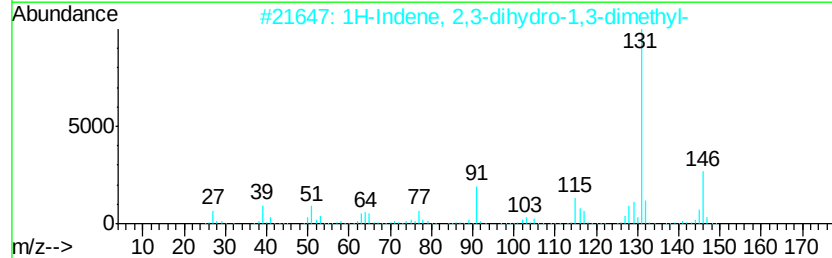
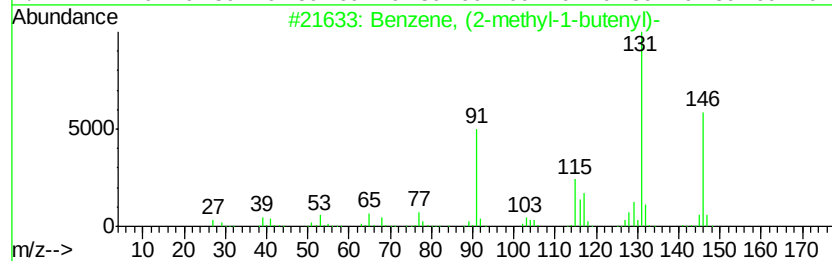
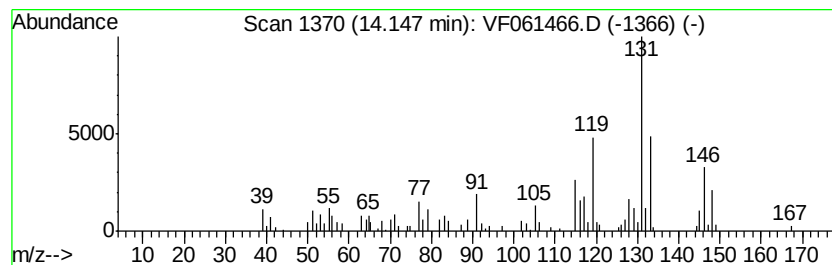
Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	5.01 ug/l	61377	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 90
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 87
3		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 70
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 55
5		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061466.D
Acq On : 18 Jan 2019 18:26
Operator : VA/AP
Sample : K1013-07
Misc : 6.51g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-D

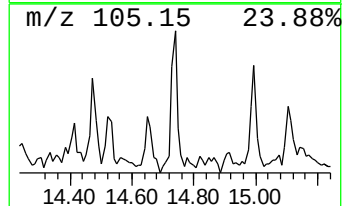
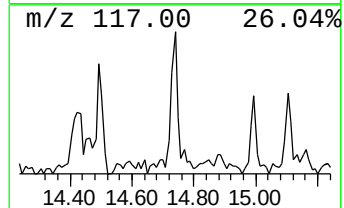
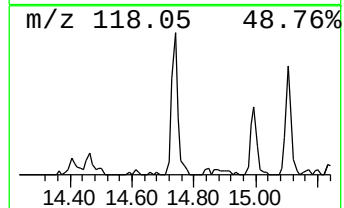
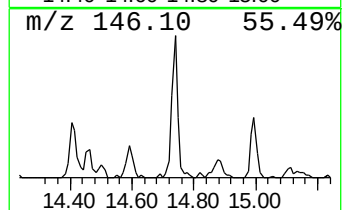
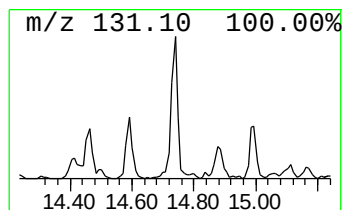
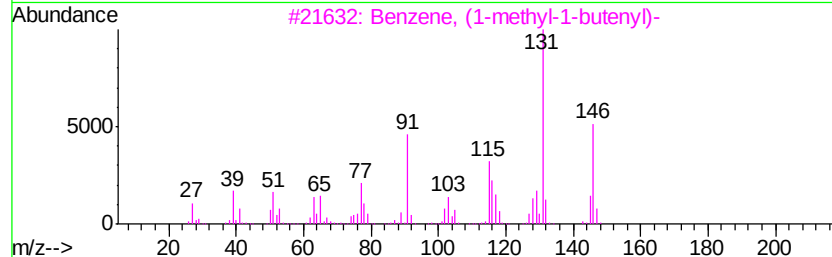
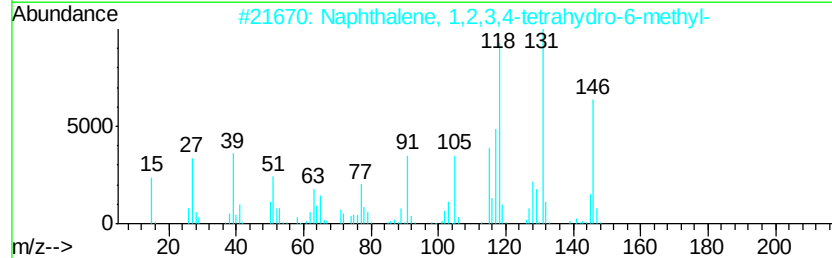
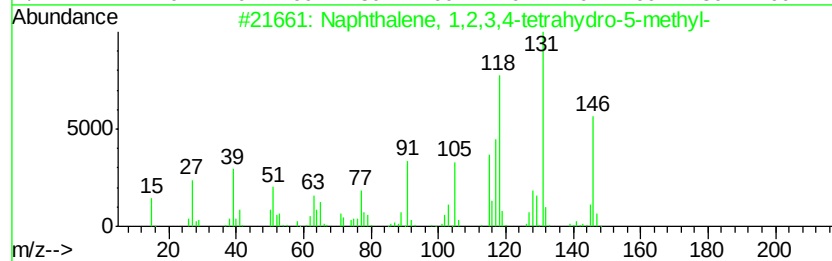
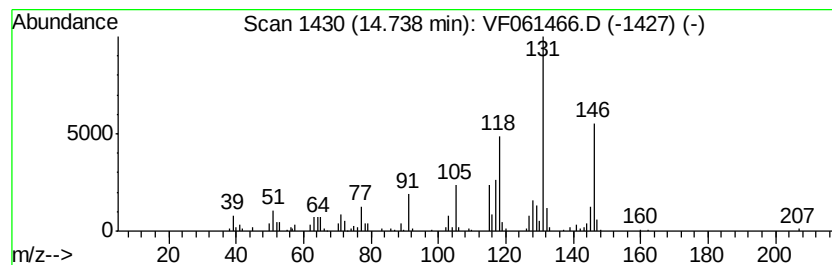
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	8.55 ug/l	104830	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011819\
Data File : VF061466.D
Acq On : 18 Jan 2019 18:26
Operator : VA/AP
Sample : K1013-07
Misc : 6.51g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.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	12.81	8.4	ug/l	102980	4	12.55	613076	50.0
o-Cymene	13.09	5.3	ug/l	65452	4	12.55	613076	50.0
3a,6-Methano-3aH-...	13.70	8.6	ug/l	105759	4	12.55	613076	50.0
Benzene, (1-methy...	13.85	9.8	ug/l	119536	4	12.55	613076	50.0
Naphthalene, 1,2,...	13.97	6.8	ug/l	83050	4	12.55	613076	50.0
Benzene, (2-methy...	14.15	5.0	ug/l	61377	4	12.55	613076	50.0
Naphthalene, 1,2,...	14.74	8.6	ug/l	104830	4	12.55	613076	50.0