

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059571.D
 Acq On : 19 Jul 2018 22:46
 Operator : VA/AP
 Sample : J4041-01
 Misc : 5.06g/5mL/MSVOA F/SOIL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

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\82F071718S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.282	373	380	395	rVB	149998	477385	10.91%	1.599%
2	5.031	447	456	468	rBV2	293717	1016420	23.22%	3.404%
3	5.760	523	530	541	rBV	290785	781708	17.86%	2.618%
4	7.702	721	727	740	rBV	302433	717107	16.38%	2.402%
5	9.910	946	951	960	rBV	360236	832874	19.03%	2.789%
6	10.787	1036	1040	1042	rBV3	21701	48882	1.12%	0.164%
7	11.507	1109	1113	1119	rBV	372048	657125	15.01%	2.201%
8	11.645	1123	1127	1129	rBV	41028	70533	1.61%	0.236%
9	11.744	1134	1137	1141	rVV	73770	127999	2.92%	0.429%
10	11.813	1141	1144	1151	rVB3	35116	93646	2.14%	0.314%
11	11.911	1151	1154	1157	rBV2	36355	59193	1.35%	0.198%
12	12.079	1168	1171	1175	rVB4	32114	62559	1.43%	0.210%
13	12.236	1184	1187	1189	rBV2	39560	75151	1.72%	0.252%
14	12.286	1189	1192	1197	rVB	145773	219195	5.01%	0.734%
15	12.365	1197	1200	1203	rBV	218330	307068	7.02%	1.028%
16	12.463	1207	1210	1211	rBV3	46909	82156	1.88%	0.275%
17	12.493	1211	1213	1215	rVV3	42636	85099	1.94%	0.285%
18	12.532	1215	1217	1222	rVB3	83289	141055	3.22%	0.472%
19	12.631	1222	1227	1230	rBV	507807	859855	19.65%	2.880%
20	12.680	1230	1232	1236	rVB2	185938	259432	5.93%	0.869%
21	12.808	1241	1245	1247	rBV3	50682	113358	2.59%	0.380%
22	12.887	1247	1253	1260	rVB6	172802	448028	10.24%	1.501%
23	13.035	1263	1268	1270	rBV4	53234	153968	3.52%	0.516%
24	13.074	1270	1272	1277	rVB3	75657	144248	3.30%	0.483%
25	13.173	1277	1282	1285	rBV3	119991	316758	7.24%	1.061%
26	13.222	1285	1287	1288	rBV	67329	82081	1.88%	0.275%
27	13.271	1288	1292	1295	rVB2	253274	438030	10.01%	1.467%
28	13.360	1299	1301	1303	rBV	35249	57100	1.30%	0.191%
29	13.409	1303	1306	1308	rBV	140286	211848	4.84%	0.710%
30	13.449	1308	1310	1312	rVB	221906	267652	6.12%	0.896%
31	13.488	1312	1314	1315	rBV	77786	108077	2.47%	0.362%
32	13.547	1318	1320	1323	rVB2	88728	138091	3.16%	0.462%
33	13.607	1323	1326	1328	rBV2	69040	115912	2.65%	0.388%
34	13.646	1328	1330	1334	rBV4	89741	131903	3.01%	0.442%

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35	13.705	1334	1336	1340	rBV4	48482	87272	1.99%	0.292%
36	13.774	1340	1343	1347	rBV3	300960	652392	14.91%	2.185%
37	13.873	1350	1353	1355	rBV	122002	212594	4.86%	0.712%
38	13.912	1355	1357	1361	rVB4	248551	525359	12.00%	1.760%
39	13.971	1361	1363	1366	rBV3	103192	211784	4.84%	0.709%
40	14.030	1367	1369	1372	rVB	128422	192159	4.39%	0.644%
41	14.080	1372	1374	1376	rBV2	66749	104658	2.39%	0.351%
42	14.198	1382	1386	1387	rBV3	118500	242178	5.53%	0.811%
43	14.277	1392	1394	1397	rVV3	167083	354969	8.11%	1.189%
44	14.366	1401	1403	1406	rVB3	149912	253243	5.79%	0.848%
45	14.415	1406	1408	1412	rVB4	60147	81391	1.86%	0.273%
46	14.474	1412	1414	1415	rBV	166417	240284	5.49%	0.805%
47	14.523	1415	1419	1422	rVV	2235554	3864051	88.29%	12.941%
48	14.612	1426	1428	1430	rVV3	87580	140779	3.22%	0.471%
49	14.651	1430	1432	1435	rVV	610684	886946	20.26%	2.971%
50	14.701	1435	1437	1439	rVV3	149279	235379	5.38%	0.788%
51	14.799	1443	1447	1450	rVV2	619111	1097561	25.08%	3.676%
52	14.908	1454	1458	1460	rVV	615967	1153696	26.36%	3.864%
53	14.947	1460	1462	1466	rVB	291602	503569	11.51%	1.687%
54	15.006	1466	1468	1470	rBV3	73077	88351	2.02%	0.296%
55	15.056	1471	1473	1479	rVB4	165455	315377	7.21%	1.056%
56	15.174	1482	1485	1487	rBV	355175	576788	13.18%	1.932%
57	15.233	1488	1491	1493	rVB2	242278	392917	8.98%	1.316%
58	15.351	1499	1503	1506	rBV	2644516	4376781	100.00%	14.658%
59	15.470	1512	1515	1521	rVB	1629299	2788675	63.72%	9.340%
60	15.716	1537	1540	1544	rVB3	127149	355524	8.12%	1.191%
61	15.884	1555	1557	1561	rBV4	140988	222161	5.08%	0.744%

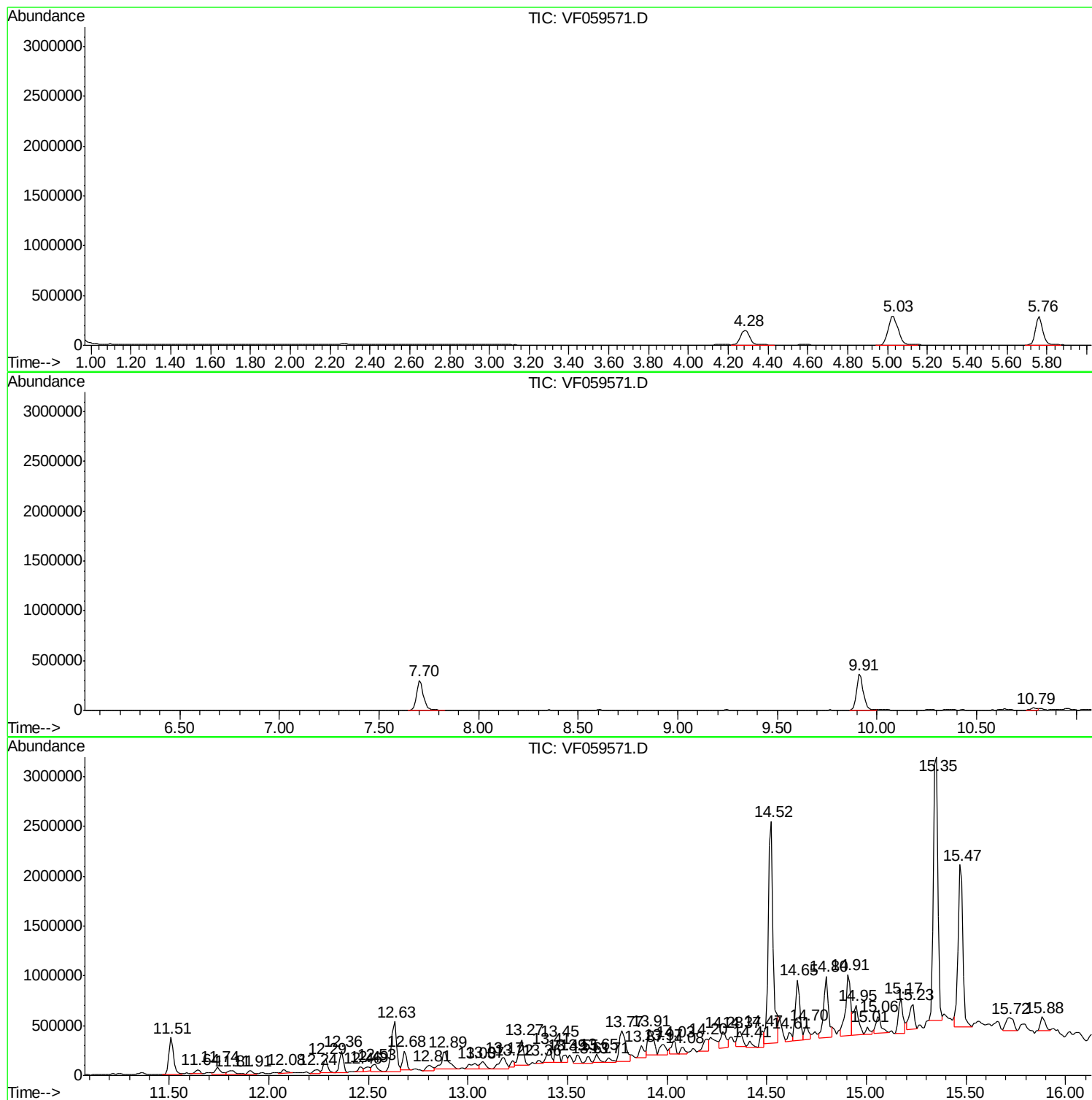
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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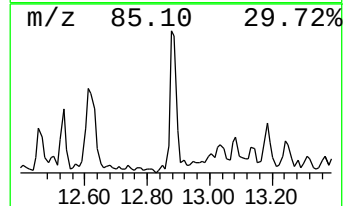
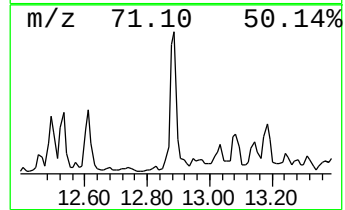
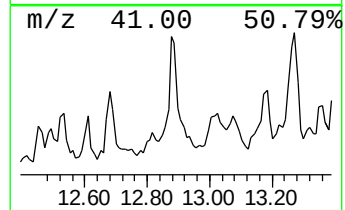
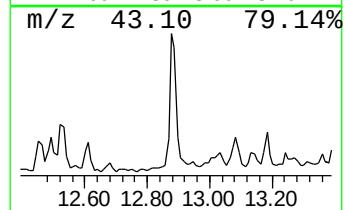
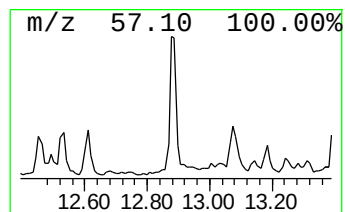
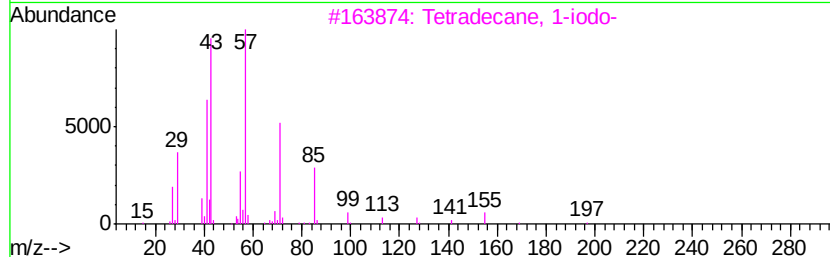
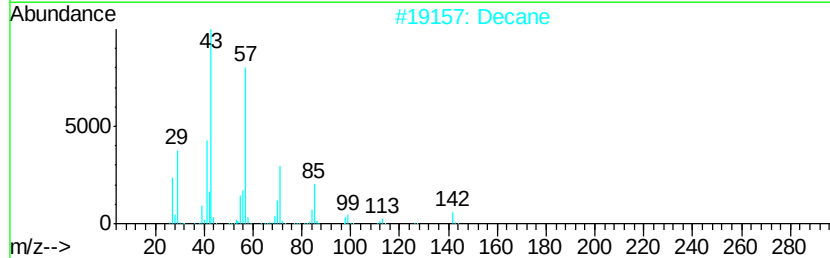
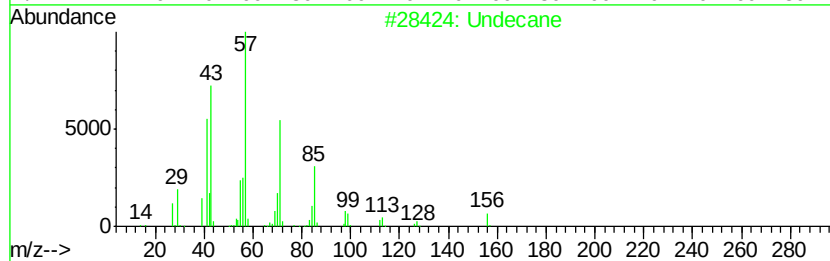
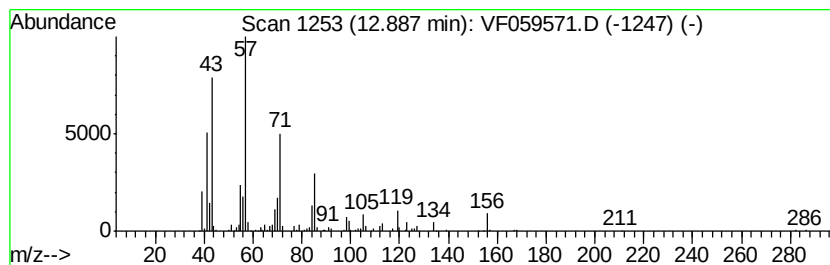
Instrument :
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ClientSampleId :
OILY-STONES

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	26.05 ug/l	448028	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	96
2	Decane	142 C10H22	000124-18-5	64
3	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	58
4	Octacosane	394 C28H58	000630-02-4	53
5	Tridecane	184 C13H28	000629-50-5	53



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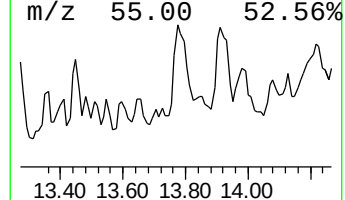
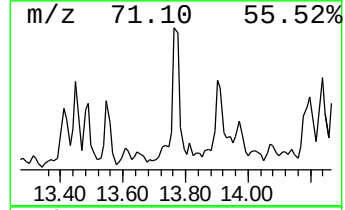
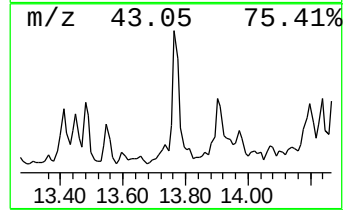
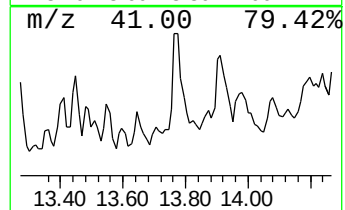
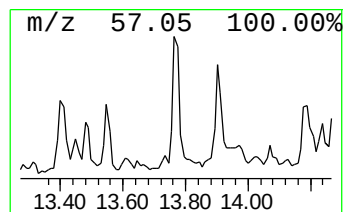
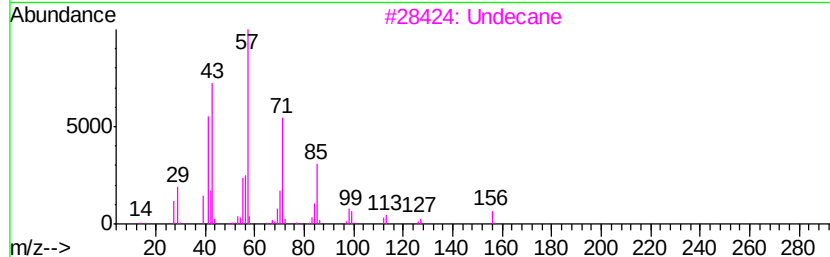
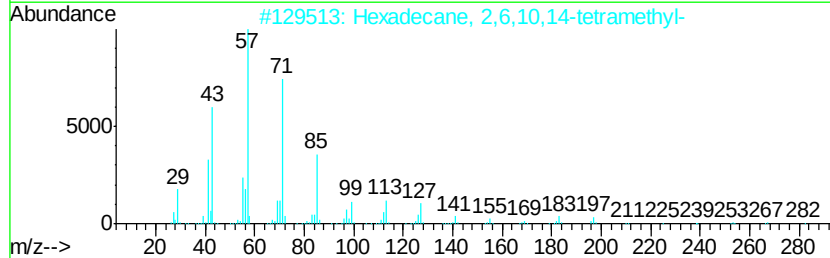
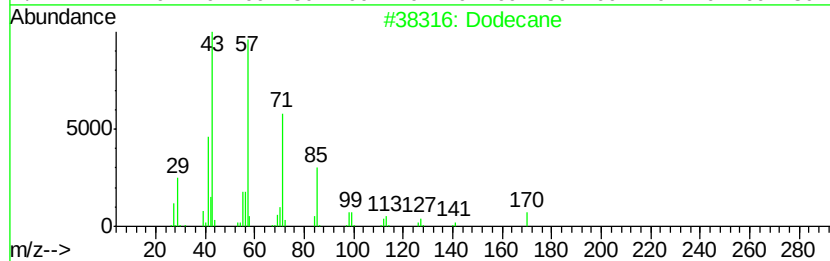
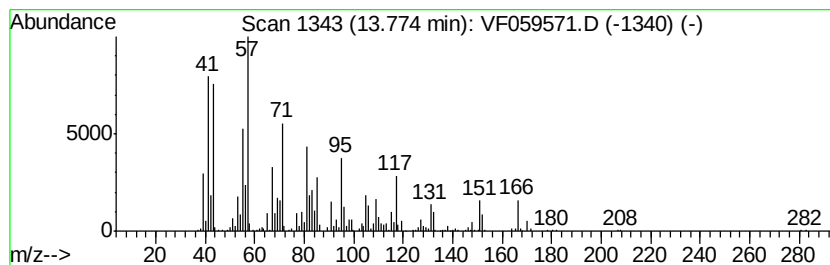
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	37.94 ug/l	652392	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	80
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	25
3		Undecane	156	C11H24	001120-21-4	25
4		Tetradecane	198	C14H30	000629-59-4	25
5		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	25



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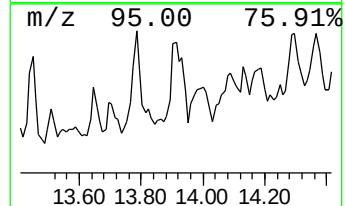
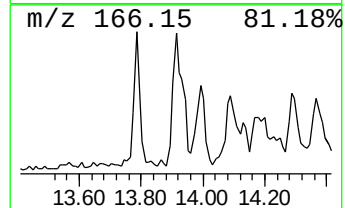
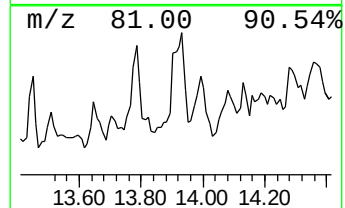
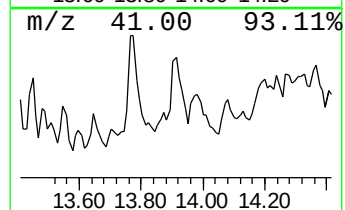
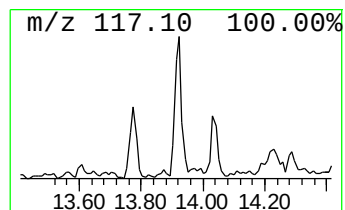
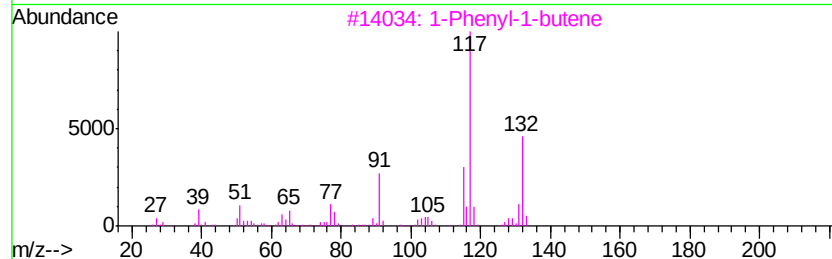
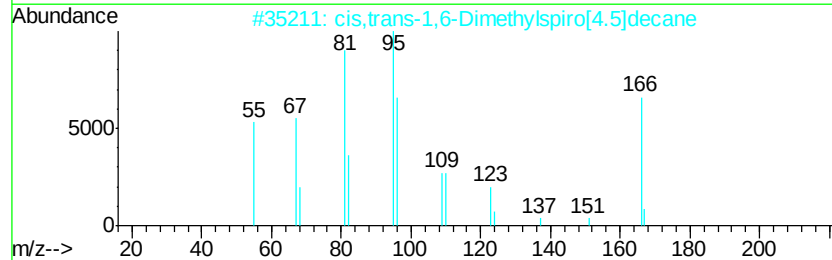
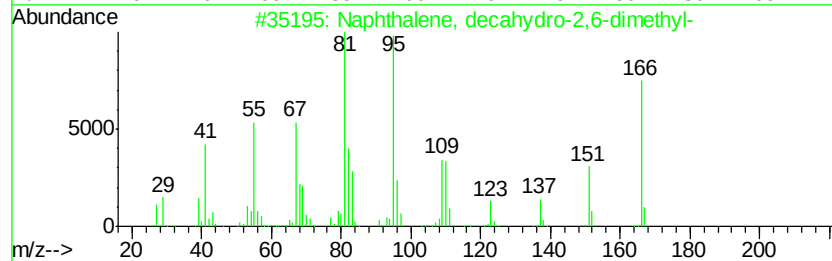
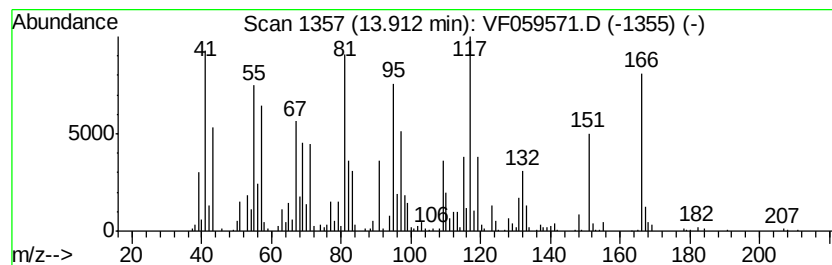
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, decahydro-2,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	30.55 ug/l	525359	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	70
2		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	64
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	40
4		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	38
5		Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	30



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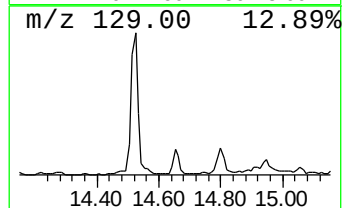
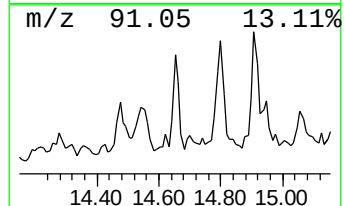
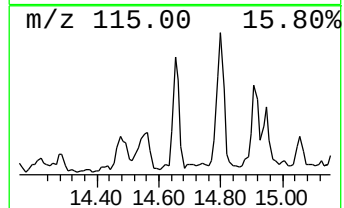
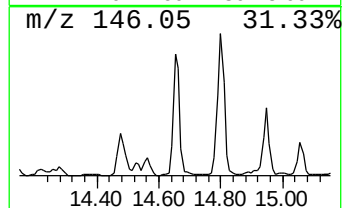
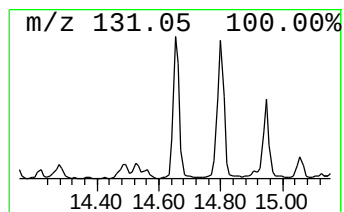
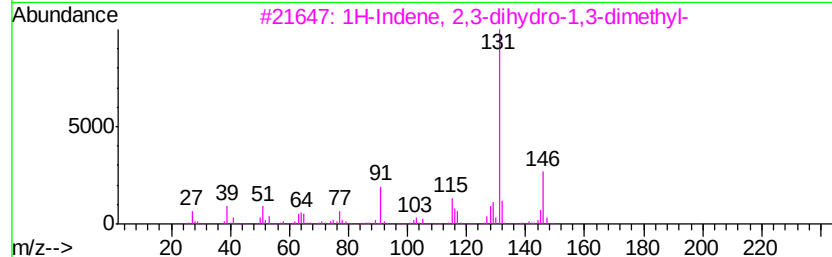
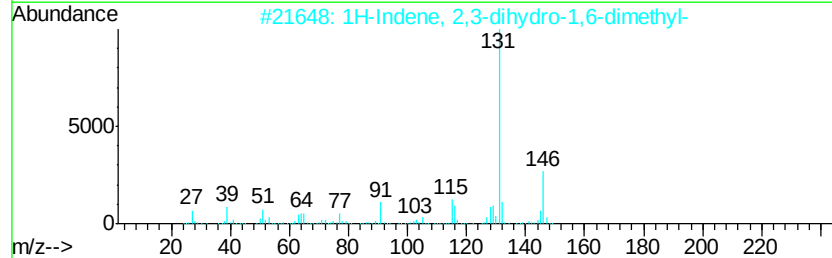
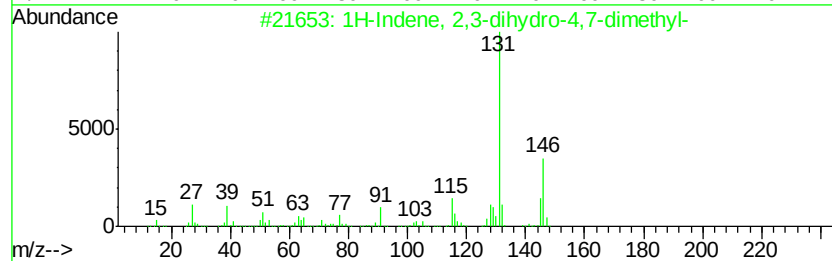
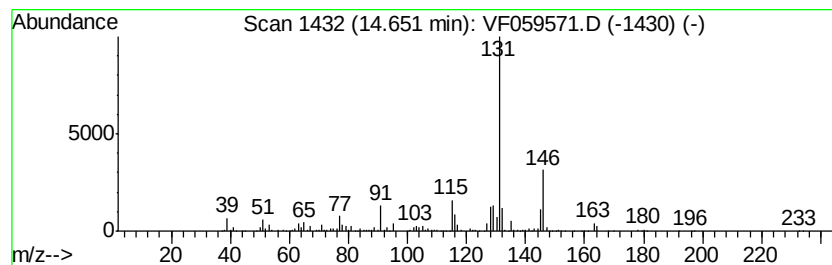
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Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.65	51.58 ug/l	886946	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90



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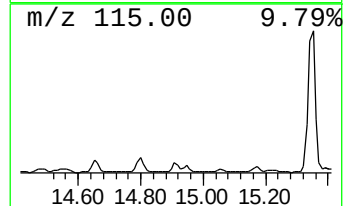
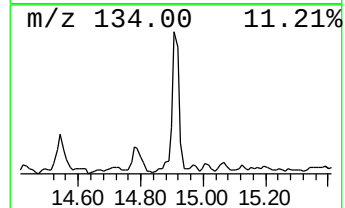
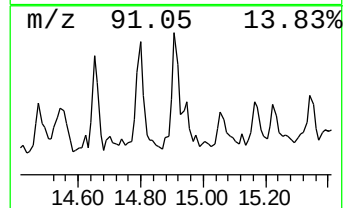
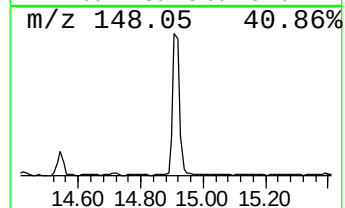
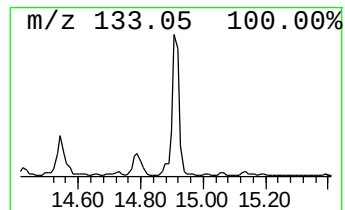
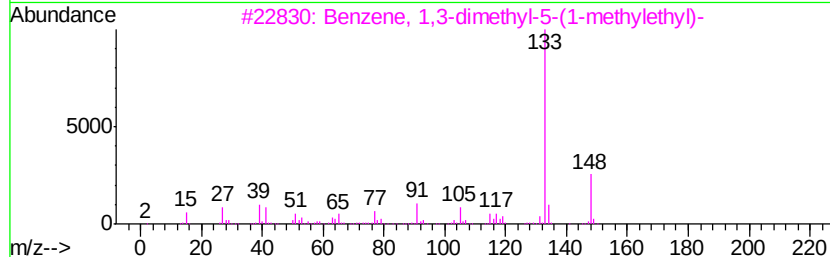
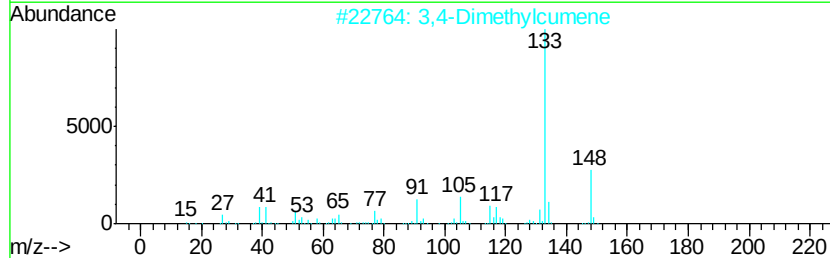
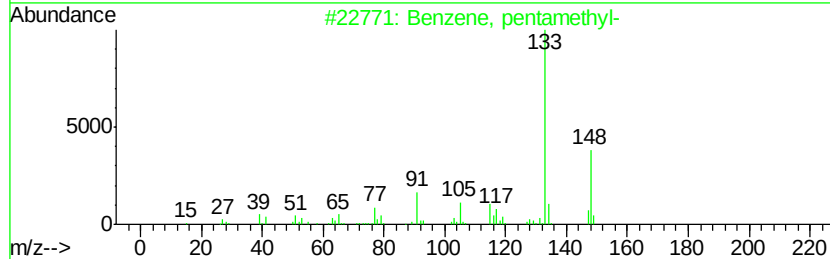
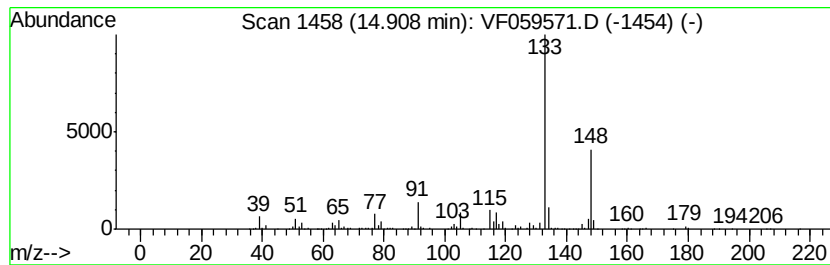
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, pentamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	67.09 ug/l	1153700	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	96
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
3		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	90
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059571.D
Acq On : 19 Jul 2018 22:46
Operator : VA/AP
Sample : J4041-01
Misc : 5.06g/5mL/MSVOA F/SOIL
ALS Vial : 63 Sample Multiplier: 1

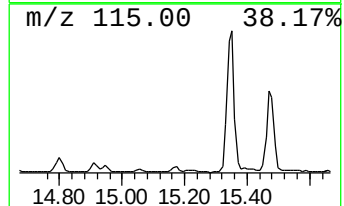
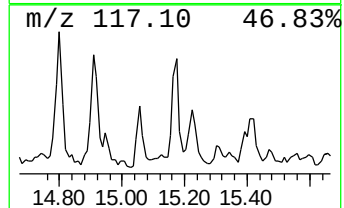
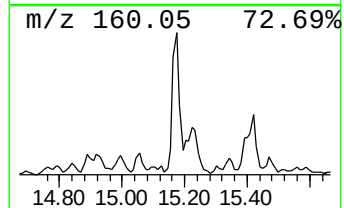
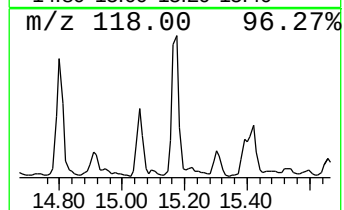
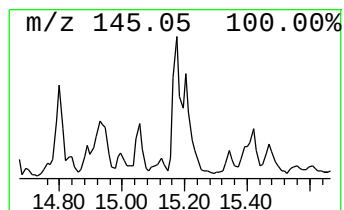
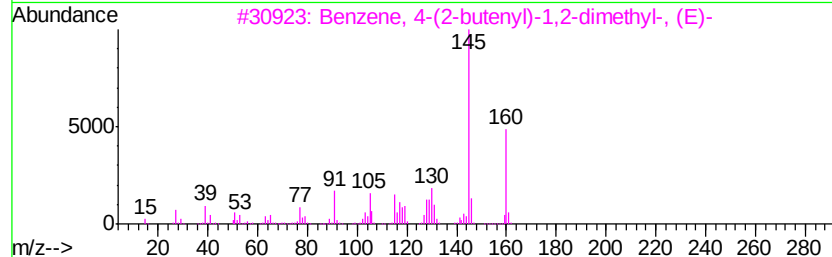
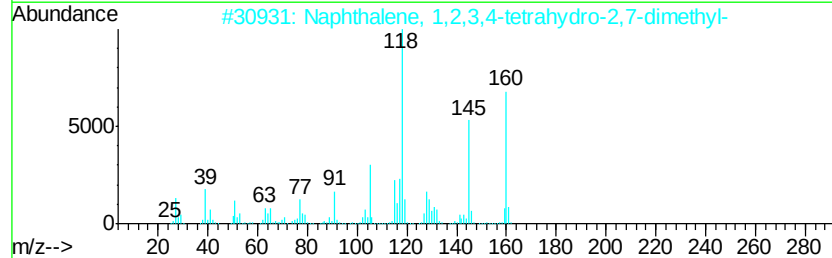
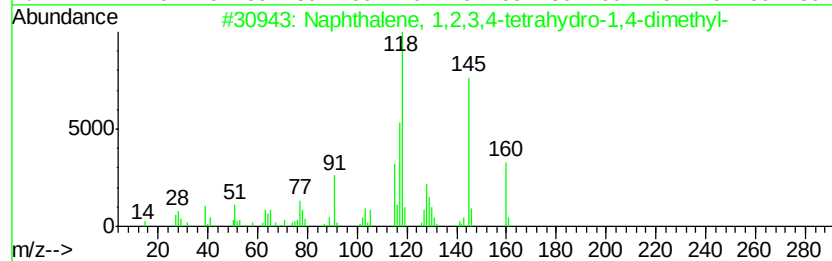
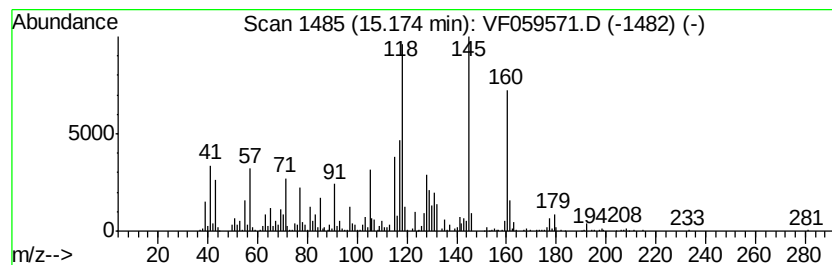
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	33.54 ug/l	576788	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 76
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 70
4		Benzene, 1-(1-methylethenyl)-3-(...	160 C12H16	001129-29-9 64
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160 C12H16	014679-13-1 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059571.D
Acq On : 19 Jul 2018 22:46
Operator : VA/AP
Sample : J4041-01
Misc : 5.06g/5mL/MSVOA F/SOIL
ALS Vial : 63 Sample Multiplier: 1

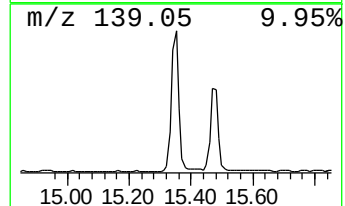
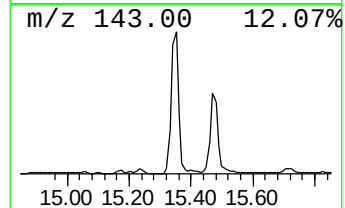
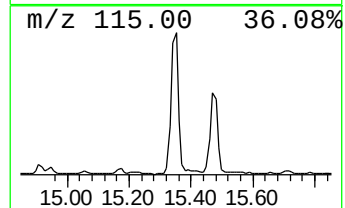
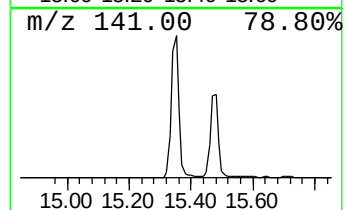
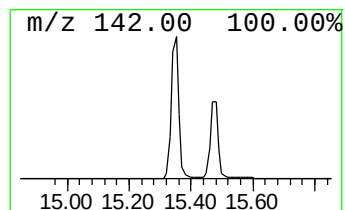
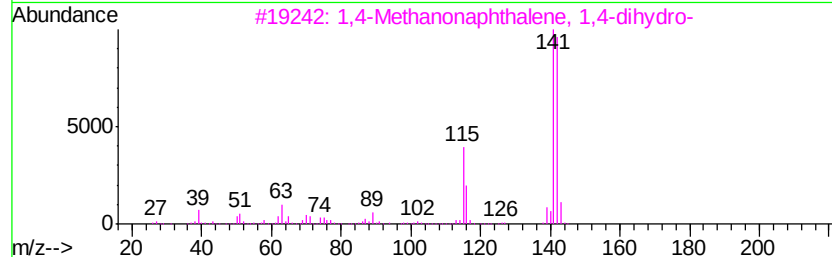
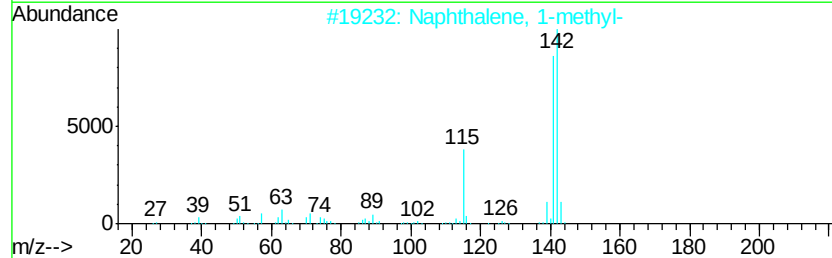
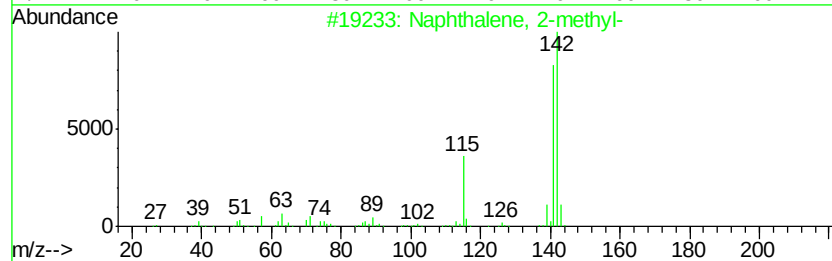
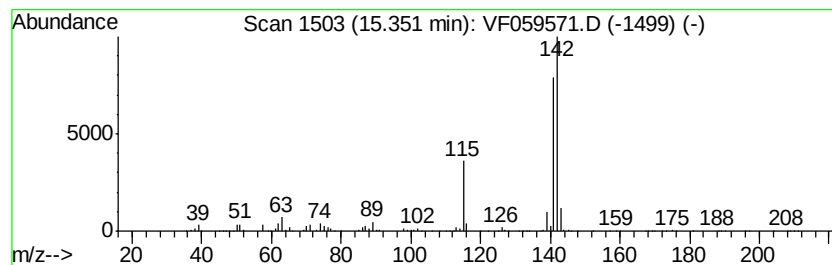
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	254.51 ug/l	4376780	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		1-Naphthaleneethanol	172 C12H12O	000773-99-9 50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071918\
Data File : VF059571.D
Acq On : 19 Jul 2018 22:46
Operator : VA/AP
Sample : J4041-01
Misc : 5.06g/5mL/MSVOA_F/SOIL
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.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	12.89	26.1	ug/l	448028	4	12.63	859855	50.0
Dodecane	13.77	37.9	ug/l	652392	4	12.63	859855	50.0
Naphthalene, deca...	13.91	30.6	ug/l	525359	4	12.63	859855	50.0
1H-Indene, 2,3-di...	14.65	51.6	ug/l	886946	4	12.63	859855	50.0
Benzene, pentamet...	14.91	67.1	ug/l	1153700	4	12.63	859855	50.0
Naphthalene, 1,2,...	15.17	33.5	ug/l	576788	4	12.63	859855	50.0
Naphthalene, 1-me...	15.35	254.5	ug/l	4376780	4	12.63	859855	50.0