

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060871.D
 Acq On : 29 Nov 2018 17:18
 Operator : VA/AP
 Sample : J5770-15
 Misc : 6.63g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-112918-B

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\82F112618S.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	1.091	42	47	49	rBV5	3492	10744	1.09%	0.110%
2	2.176	153	157	160	rBV3	23815	55903	5.65%	0.575%
3	2.235	160	163	174	rVV3	29185	94726	9.57%	0.974%
4	2.373	174	177	183	rVV4	6075	14876	1.50%	0.153%
5	3.074	247	248	254	rVB	8904	11107	1.12%	0.114%
6	4.011	338	343	348	rBV3	4769	20420	2.06%	0.210%
7	4.119	348	354	370	rVV	137499	456953	46.15%	4.696%
8	4.346	373	377	385	rVB6	2874	11687	1.18%	0.120%
9	4.869	421	430	447	rBV2	273752	990173	100.00%	10.176%
10	5.451	485	489	495	rBV3	9367	30889	3.12%	0.317%
11	5.599	498	504	515	rVV	304525	804332	81.23%	8.266%
12	7.029	644	649	652	rBV4	5404	17708	1.79%	0.182%
13	7.562	697	703	708	rVV	375224	930722	94.00%	9.565%
14	7.631	708	710	716	rVV	19291	43081	4.35%	0.443%
15	7.759	718	723	729	rVB6	4693	15189	1.53%	0.156%
16	8.282	773	776	781	rVB5	4674	12940	1.31%	0.133%
17	8.381	781	786	789	rBV4	3666	10355	1.05%	0.106%
18	8.460	789	794	803	rVB4	11155	31951	3.23%	0.328%
19	8.617	806	810	816	rBV4	11047	31743	3.21%	0.326%
20	8.982	839	847	851	rBV6	6235	23217	2.34%	0.239%
21	9.121	857	861	866	rVB6	4438	11896	1.20%	0.122%
22	9.288	872	878	883	rBV5	5109	13960	1.41%	0.143%
23	9.781	923	928	936	rVV	436239	949378	95.88%	9.757%
24	9.900	936	940	945	rVB2	14898	37923	3.83%	0.390%
25	10.137	960	964	970	rVB2	16371	34021	3.44%	0.350%
26	10.235	970	974	984	rVB6	8793	30673	3.10%	0.315%
27	10.521	995	1003	1009	rBV8	10156	31597	3.19%	0.325%
28	10.679	1012	1019	1021	rBV4	16909	44635	4.51%	0.459%
29	10.719	1021	1023	1027	rVB2	13245	21239	2.14%	0.218%
30	11.054	1053	1057	1061	rBV6	6421	17472	1.76%	0.180%
31	11.133	1061	1065	1066	rVV3	11731	21920	2.21%	0.225%
32	11.162	1066	1068	1071	rVB2	7461	11412	1.15%	0.117%
33	11.271	1076	1079	1083	rVB2	26076	50619	5.11%	0.520%
34	11.419	1087	1094	1100	rBV	405864	707992	71.50%	7.276%

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35	11.557	1105	1108	1110	rVV2	15988	26904	2.72%	0.276%
36	11.606	1110	1113	1116	rVV	13034	30179	3.05%	0.310%
37	11.666	1116	1119	1121	rVV	36971	57728	5.83%	0.593%
38	11.715	1121	1124	1129	rVV	27736	58859	5.94%	0.605%
39	11.823	1132	1135	1139	rVB2	19646	32190	3.25%	0.331%
40	11.892	1139	1142	1144	rBV3	6320	12579	1.27%	0.129%
41	11.952	1144	1148	1150	rBV4	7263	16873	1.70%	0.173%
42	12.001	1150	1153	1154	rVV2	19284	30770	3.11%	0.316%
43	12.159	1165	1169	1171	rBV4	10604	25095	2.53%	0.258%
44	12.208	1171	1174	1178	rVB	67754	100380	10.14%	1.032%
45	12.307	1180	1184	1189	rVB	12783	28637	2.89%	0.294%
46	12.386	1189	1192	1194	rBV4	12709	24369	2.46%	0.250%
47	12.435	1194	1197	1198	rVV3	13668	23932	2.42%	0.246%
48	12.465	1198	1200	1205	rVB3	20553	38255	3.86%	0.393%
49	12.553	1205	1209	1213	rBV	558510	876355	88.51%	9.006%
50	12.613	1213	1215	1219	rVV	46985	68080	6.88%	0.700%
51	12.731	1223	1227	1229	rBV3	16724	35587	3.59%	0.366%
52	12.780	1229	1232	1233	rVV	25910	40715	4.11%	0.418%
53	12.820	1233	1236	1243	rVB3	81039	178453	18.02%	1.834%
54	12.938	1245	1248	1249	rBV3	14223	19718	1.99%	0.203%
55	13.007	1253	1255	1259	rVB2	24942	43797	4.42%	0.450%
56	13.106	1259	1265	1268	rBV3	23927	78015	7.88%	0.802%
57	13.155	1268	1270	1272	rVV	27466	39396	3.98%	0.405%
58	13.204	1272	1275	1276	rVV3	22625	42214	4.26%	0.434%
59	13.254	1279	1280	1282	rVV	20492	23034	2.33%	0.237%
60	13.293	1282	1284	1287	rVV3	16586	32689	3.30%	0.336%
61	13.342	1287	1289	1291	rVV2	12574	19034	1.92%	0.196%
62	13.382	1291	1293	1295	rVV2	21196	28290	2.86%	0.291%
63	13.421	1295	1297	1302	rVB4	22403	38533	3.89%	0.396%
64	13.500	1302	1305	1307	rBV2	20394	28949	2.92%	0.298%
65	13.540	1307	1309	1311	rBV3	17499	28174	2.85%	0.290%
66	13.579	1311	1313	1316	rVB4	13333	22160	2.24%	0.228%
67	13.707	1323	1326	1330	rBV2	108609	182546	18.44%	1.876%
68	13.767	1330	1332	1335	rVV3	15433	31699	3.20%	0.326%
69	13.816	1335	1337	1338	rVV	15686	22785	2.30%	0.234%
70	13.855	1338	1341	1345	rVV3	86247	166654	16.83%	1.713%
71	13.924	1345	1348	1350	rVV3	27597	44693	4.51%	0.459%

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72	13.974	1350	1353	1356	rVV2	40065	53825	5.44%	0.553%
73	14.053	1358	1361	1362	rBV2	12099	17512	1.77%	0.180%
74	14.082	1362	1364	1367	rVV	20182	31607	3.19%	0.325%
75	14.151	1367	1371	1376	rVV6	41504	127907	12.92%	1.315%
76	14.220	1376	1378	1382	rVV4	38208	67875	6.85%	0.698%
77	14.309	1385	1387	1390	rVV2	25417	39920	4.03%	0.410%
78	14.358	1390	1392	1395	rVV4	10658	19300	1.95%	0.198%
79	14.418	1395	1398	1400	rVV2	22358	46909	4.74%	0.482%
80	14.457	1400	1402	1410	rVV2	135113	267579	27.02%	2.750%
81	14.566	1411	1413	1414	rVV2	19054	25834	2.61%	0.265%
82	14.595	1414	1416	1421	rVV2	31204	69838	7.05%	0.718%
83	14.694	1424	1426	1427	rVV2	6998	10127	1.02%	0.104%
84	14.743	1428	1431	1434	rVV	72380	103776	10.48%	1.067%
85	14.832	1438	1440	1442	rVV3	16331	30096	3.04%	0.309%
86	14.871	1442	1444	1446	rVV3	26373	49263	4.98%	0.506%
87	14.950	1450	1452	1455	rVV4	11658	20044	2.02%	0.206%
88	15.000	1455	1457	1462	rVV3	39292	85712	8.66%	0.881%
89	15.128	1466	1470	1472	rVV2	82586	145323	14.68%	1.493%
90	15.177	1472	1475	1477	rVV4	24797	49772	5.03%	0.512%
91	15.217	1477	1479	1481	rVV2	11828	18352	1.85%	0.189%
92	15.286	1481	1486	1489	rVV2	35645	69191	6.99%	0.711%
93	15.355	1489	1493	1495	rVV4	16604	39955	4.04%	0.411%
94	15.414	1496	1499	1501	rVB	19808	26768	2.70%	0.275%
95	15.572	1513	1515	1517	rVB	13443	14268	1.44%	0.147%
96	15.651	1521	1523	1527	rVB4	18031	34251	3.46%	0.352%
97	15.710	1527	1529	1534	rVB6	6816	12929	1.31%	0.133%
98	15.789	1534	1537	1539	rBV2	23581	37786	3.82%	0.388%
99	15.947	1549	1553	1555	rBV5	5631	12892	1.30%	0.132%

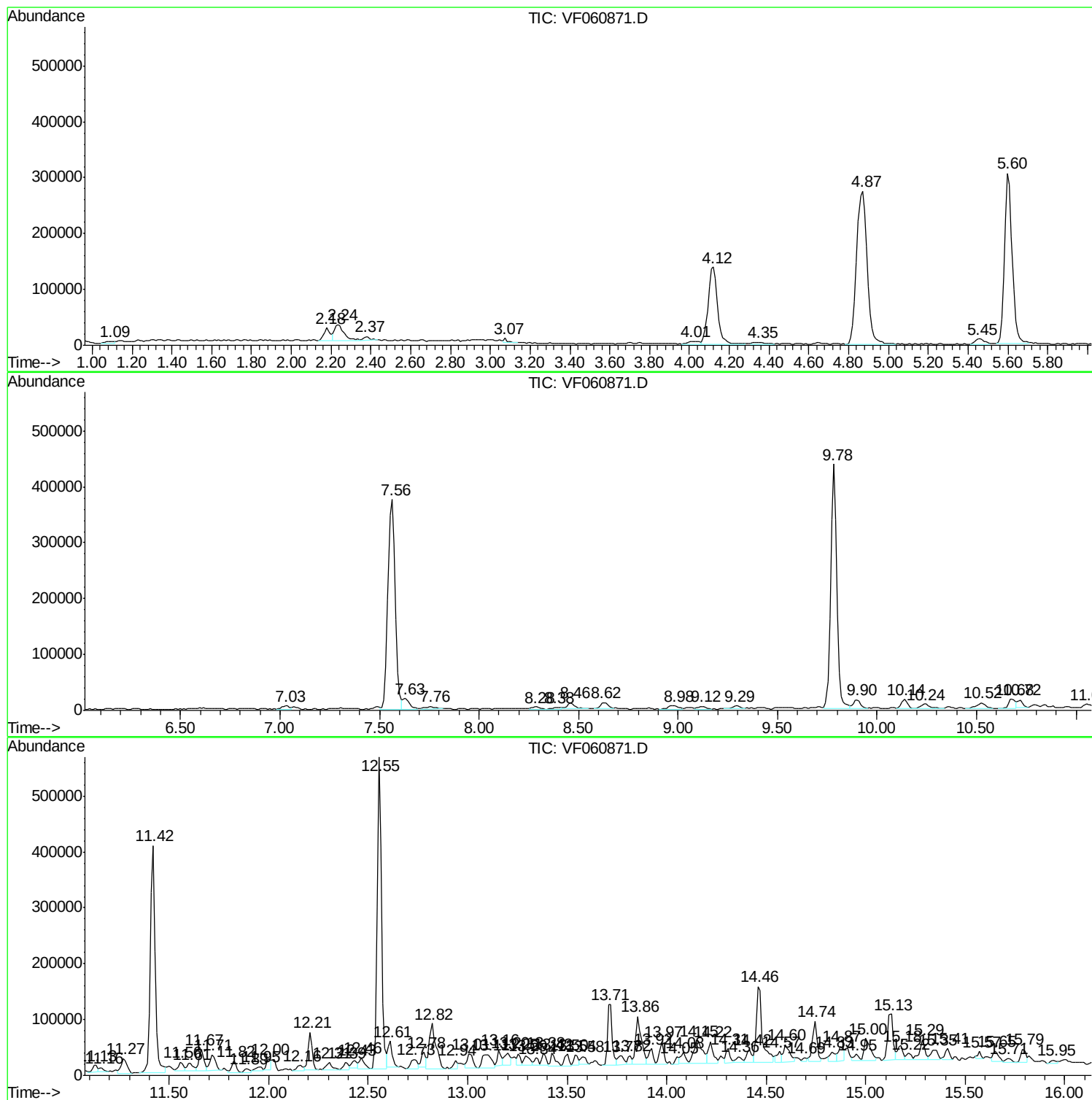
Sum of corrected areas: 9730384

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



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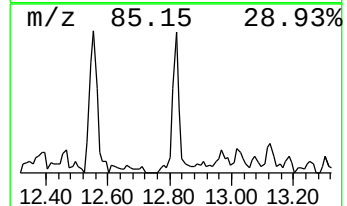
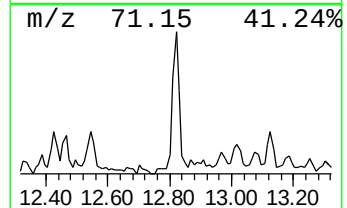
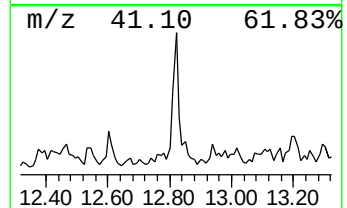
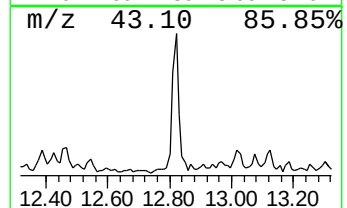
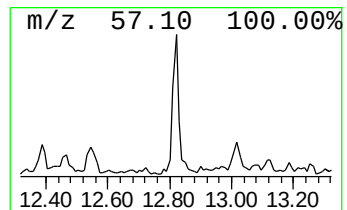
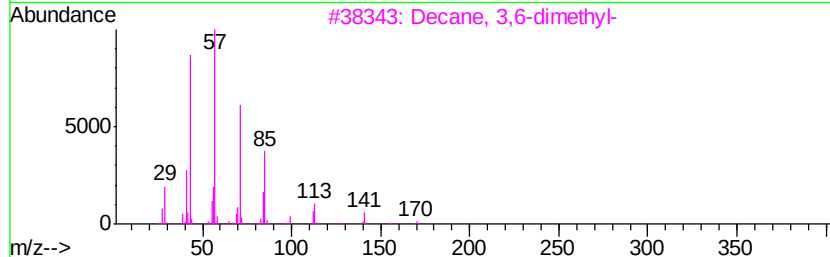
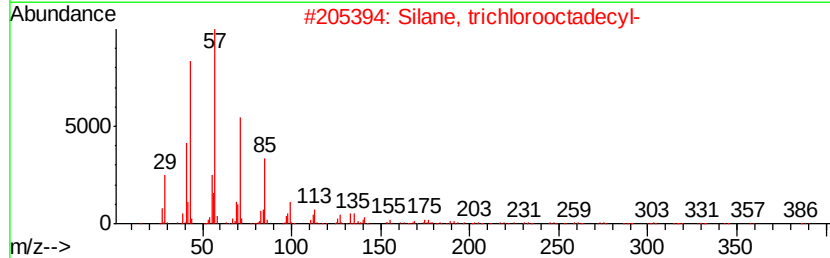
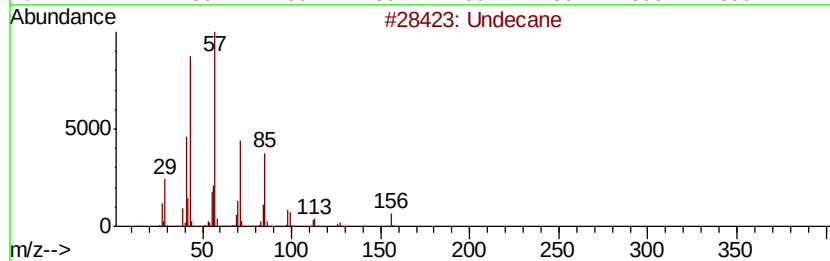
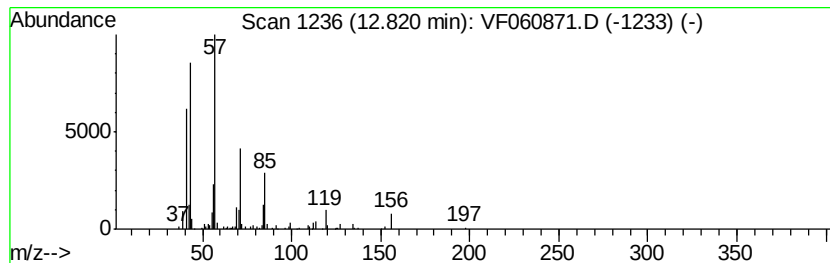
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	10.18 ug/l	178453	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	91
2	Silane, trichlorooctadecyl-	386 C18H37Cl3Si	000112-04-9	64
3	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	59
4	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	53
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	53



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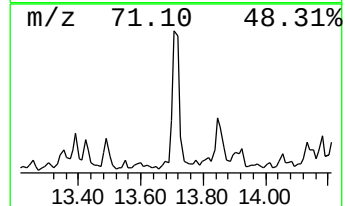
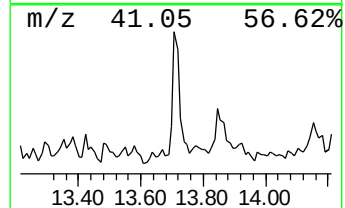
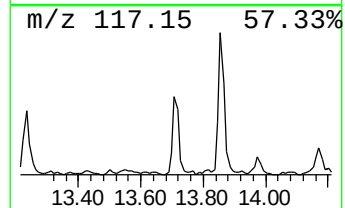
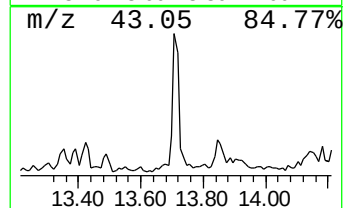
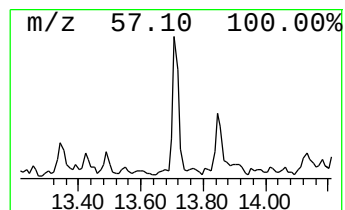
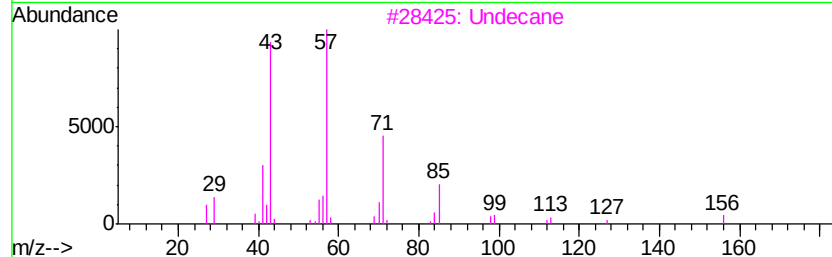
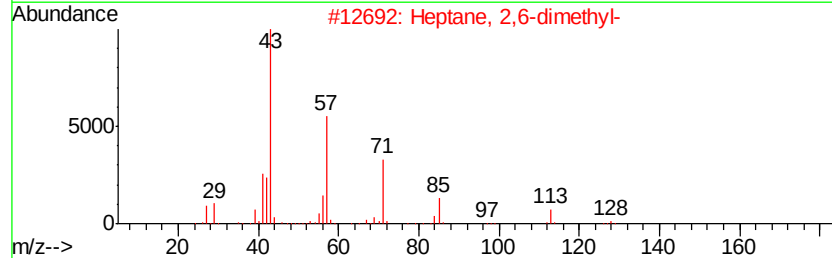
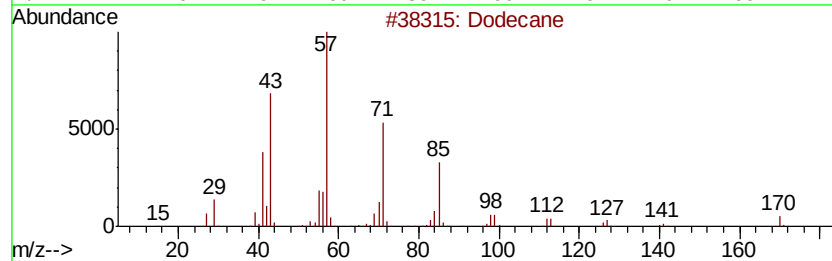
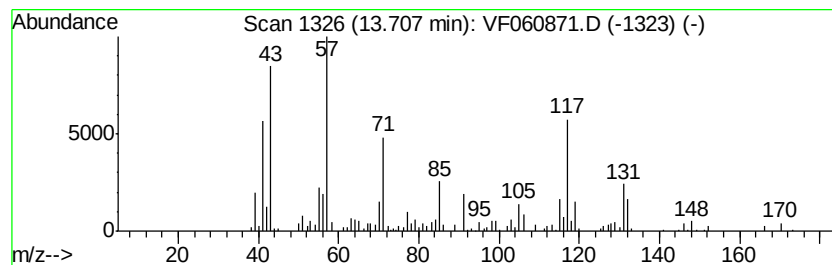
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	10.42 ug/l	182546	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	55
2	Heptane, 2,6-dimethyl-	128 C9H20	001072-05-5	43
3	Undecane	156 C11H24	001120-21-4	43
4	Tridecane	184 C13H28	000629-50-5	43
5	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	38



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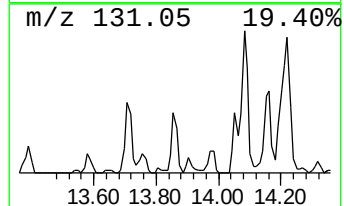
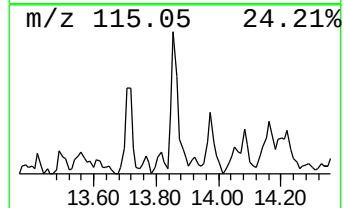
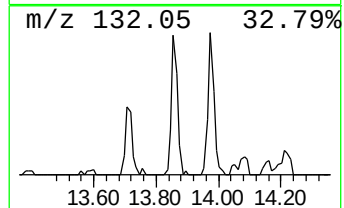
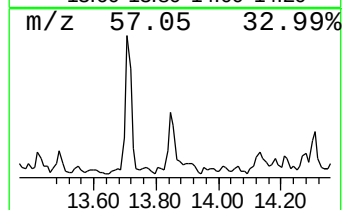
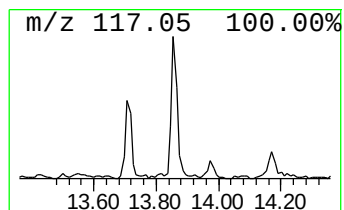
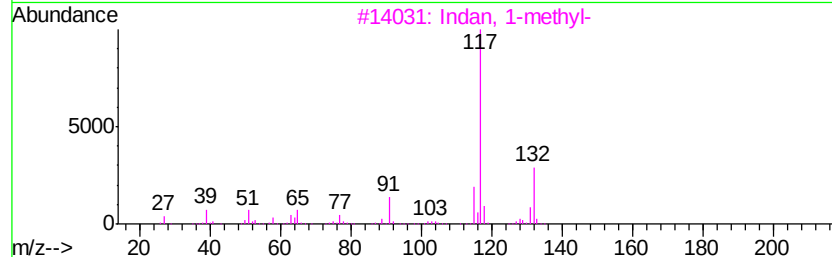
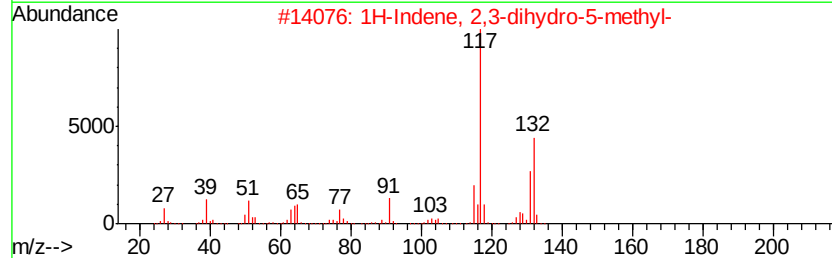
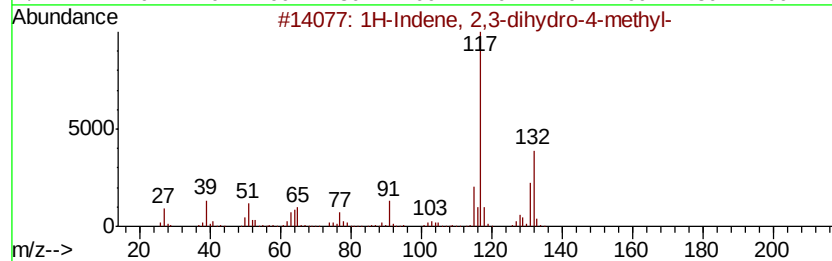
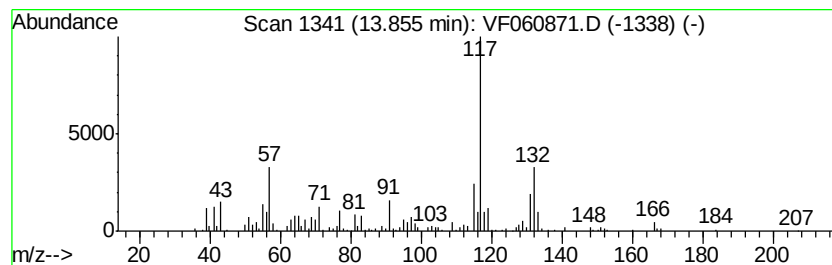
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Peak Number 3 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.86	9.51 ug/l	166654	1,4-Dichlorobenzene-d4	12.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
Data File : VF060871.D
Acq On : 29 Nov 2018 17:18
Operator : VA/AP
Sample : J5770-15
Misc : 6.63g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

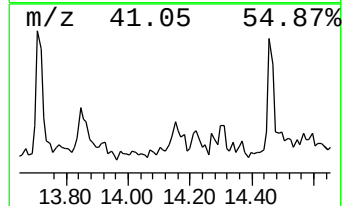
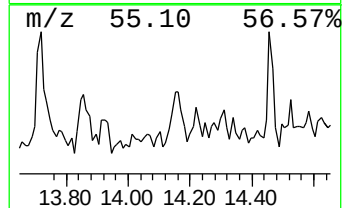
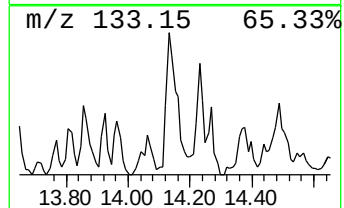
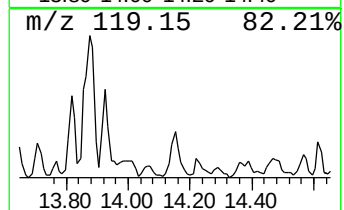
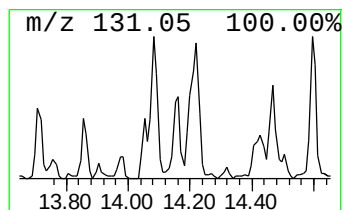
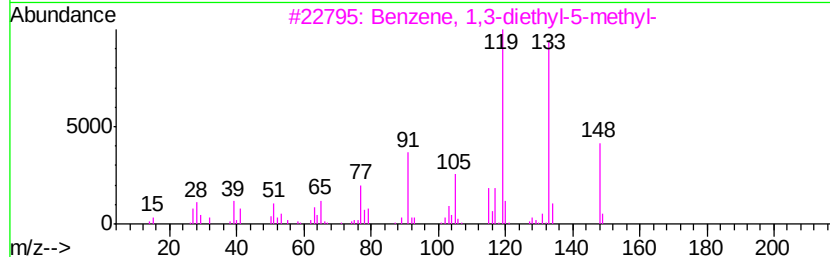
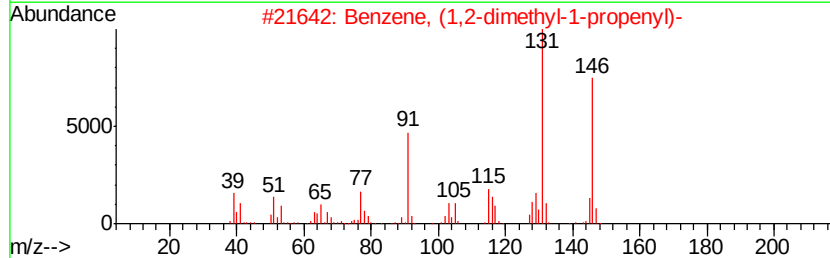
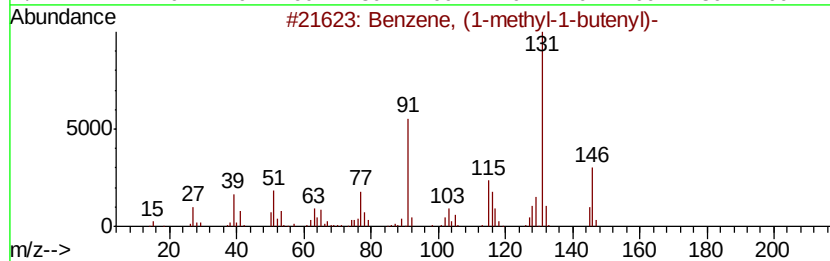
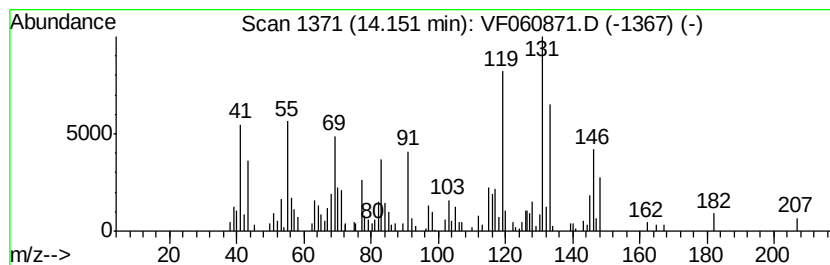
Instrument :
MSVOA_F
ClientSampleId :
OR-03-112918-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	7.30 ug/l	127907	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 60
2		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 52
3		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 50
4		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 46
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
Data File : VF060871.D
Acq On : 29 Nov 2018 17:18
Operator : VA/AP
Sample : J5770-15
Misc : 6.63g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-112918-B

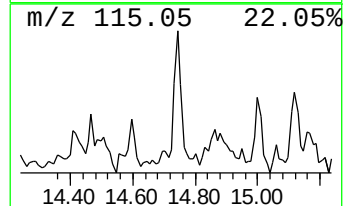
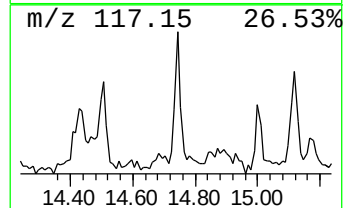
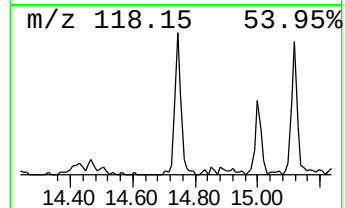
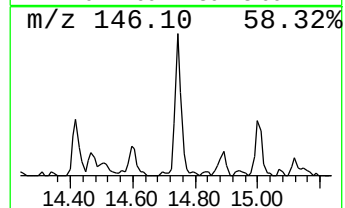
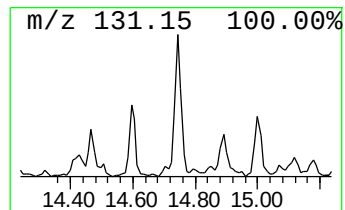
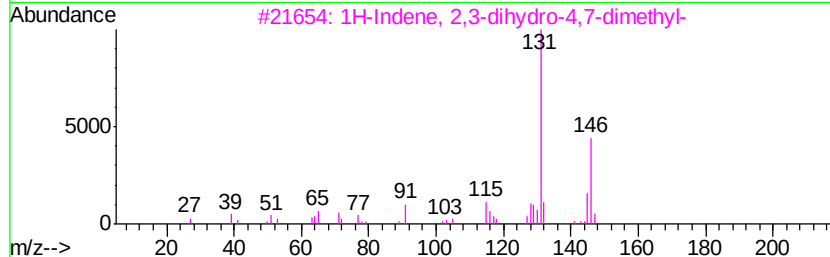
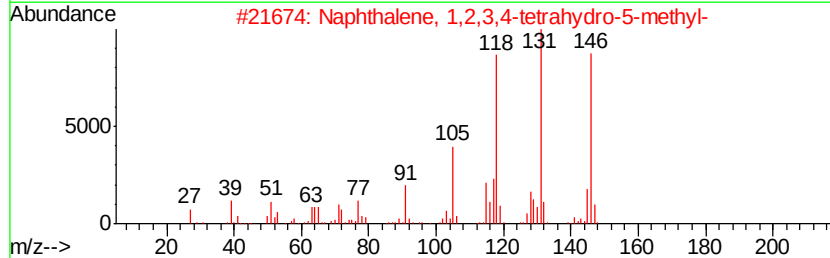
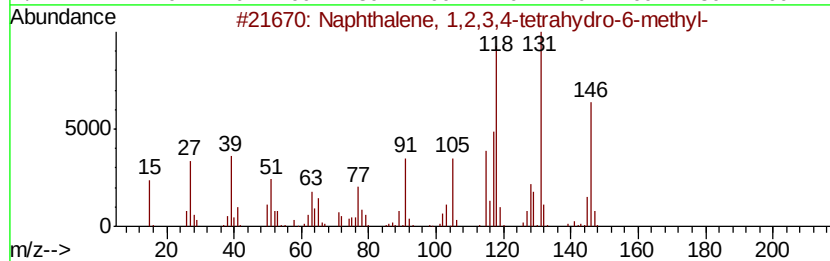
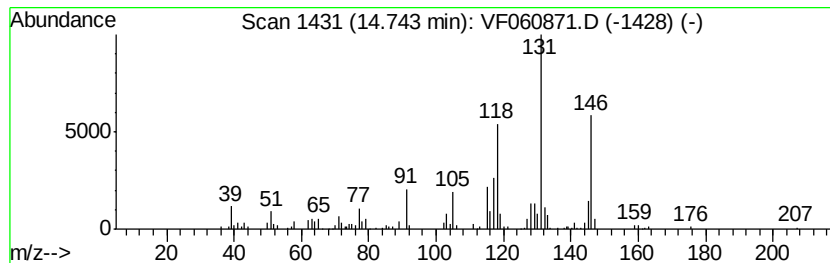
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	5.92 ug/l	103776	1,4-Dichlorobenzene-d4	12.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
4		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
Data File : VF060871.D
Acq On : 29 Nov 2018 17:18
Operator : VA/AP
Sample : J5770-15
Misc : 6.63q/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-112918-B

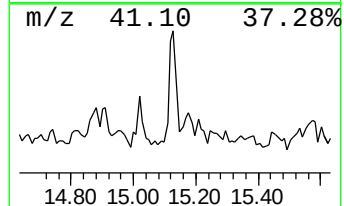
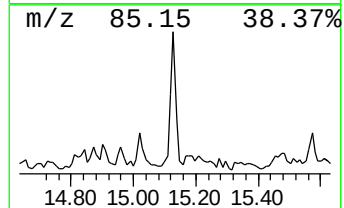
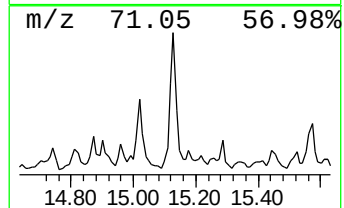
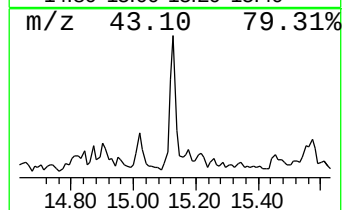
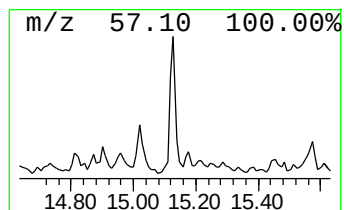
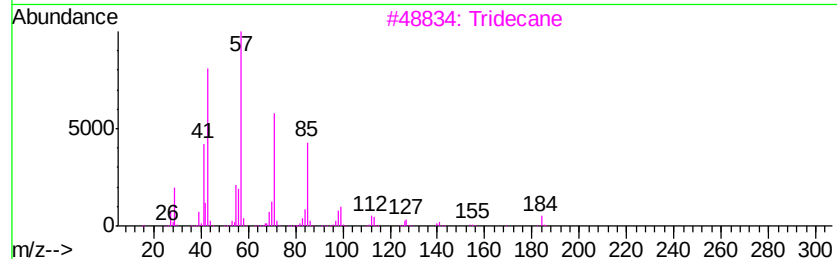
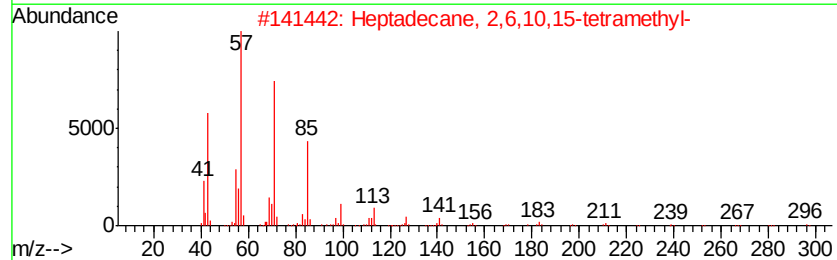
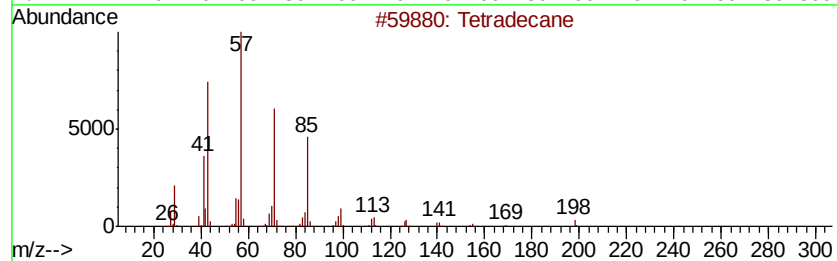
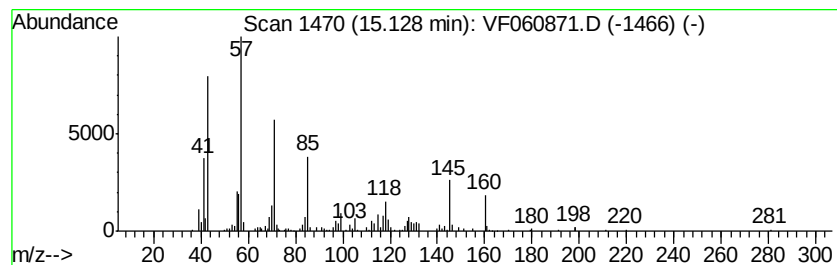
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260

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

Peak Number 6 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	8.29 ug/l	145323	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Hexadecane	226	C16H34	000544-76-3	58
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112918\
Data File : VF060871.D
Acq On : 29 Nov 2018 17:18
Operator : VA/AP
Sample : J5770-15
Misc : 6.63g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-03-112918-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.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	12.82	10.2	ug/l	178453	4	12.55	876355	50.0
Dodecane	13.71	10.4	ug/l	182546	4	12.55	876355	50.0
1H-Indene, 2,3-di...	13.86	9.5	ug/l	166654	4	12.55	876355	50.0
Benzene, (1-methy...	14.15	7.3	ug/l	127907	4	12.55	876355	50.0
Naphthalene, 1,2,...	14.74	5.9	ug/l	103776	4	12.55	876355	50.0
Tetradecane	15.13	8.3	ug/l	145323	4	12.55	876355	50.0