

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060789.D
 Acq On : 19 Nov 2018 21:27
 Operator : VA/AP
 Sample : J5950-07
 Misc : 6.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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	1.083	43	46	52	rBV4	8382	23303	1.30%	0.111%
2	2.247	160	164	173	rVB5	8133	28144	1.57%	0.134%
3	4.023	336	344	348	rBV3	5869	19869	1.11%	0.095%
4	4.121	348	354	366	rVB	111579	354509	19.79%	1.687%
5	4.871	422	430	442	rBV2	207100	727978	40.65%	3.465%
6	5.611	496	505	514	rBV	230124	623724	34.83%	2.968%
7	6.282	567	573	579	rBV4	7116	24421	1.36%	0.116%
8	6.449	582	590	596	rBV5	10317	36316	2.03%	0.173%
9	7.564	697	703	709	rBV	303636	735955	41.09%	3.503%
10	8.629	806	811	816	rBV4	11129	25295	1.41%	0.120%
11	8.965	841	845	850	rBV3	12211	35749	2.00%	0.170%
12	9.123	858	861	868	rVB3	7484	20643	1.15%	0.098%
13	9.300	872	879	883	rBV2	7089	21363	1.19%	0.102%
14	9.547	899	904	910	rVB7	7540	26465	1.48%	0.126%
15	9.783	923	928	937	rBV	338062	768175	42.89%	3.656%
16	9.912	937	941	945	rVV2	40670	94768	5.29%	0.451%
17	10.247	969	975	983	rBV4	33357	121341	6.78%	0.577%
18	10.356	983	986	992	rVB2	20816	44537	2.49%	0.212%
19	10.494	997	1000	1002	rBV2	18494	37051	2.07%	0.176%
20	10.681	1015	1019	1027	rVB5	53136	130855	7.31%	0.623%
21	10.790	1027	1030	1033	rBV3	19247	38316	2.14%	0.182%
22	10.839	1033	1035	1037	rBV	16528	31739	1.77%	0.151%
23	10.957	1042	1047	1050	rVB4	17050	38541	2.15%	0.183%
24	11.056	1050	1057	1060	rBV2	55386	159221	8.89%	0.758%
25	11.125	1060	1064	1066	rVV3	69715	158146	8.83%	0.753%
26	11.164	1066	1068	1071	rVV2	91140	135416	7.56%	0.644%
27	11.234	1071	1075	1076	rVV2	44217	83564	4.67%	0.398%
28	11.273	1076	1079	1083	rVB	147931	293102	16.37%	1.395%
29	11.421	1087	1094	1099	rBV	341333	692970	38.69%	3.298%
30	11.500	1100	1102	1105	rVV4	40265	71975	4.02%	0.343%
31	11.559	1105	1108	1111	rVV2	84223	150781	8.42%	0.718%
32	11.618	1111	1114	1116	rVV3	53647	120832	6.75%	0.575%
33	11.668	1116	1119	1123	rVV	533095	875340	48.88%	4.166%
34	11.737	1123	1126	1128	rVV4	31460	73162	4.09%	0.348%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	11.786	1128	1131	1133	rVV	56491	94155	5.26%	0.448%
36	11.835	1133	1136	1139	rVV2	66105	111895	6.25%	0.533%
37	11.894	1139	1142	1144	rVV	77228	129500	7.23%	0.616%
38	11.963	1144	1149	1150	rVV2	114516	252473	14.10%	1.202%
39	12.003	1150	1153	1158	rVV2	278186	560755	31.31%	2.669%
40	12.082	1158	1161	1164	rVV	95601	207084	11.56%	0.986%
41	12.161	1165	1169	1172	rVV2	141389	368204	20.56%	1.752%
42	12.210	1172	1174	1178	rVV2	202581	381625	21.31%	1.816%
43	12.299	1179	1183	1185	rVV3	113016	239943	13.40%	1.142%
44	12.338	1185	1187	1189	rVV2	102389	165966	9.27%	0.790%
45	12.388	1189	1192	1194	rVV	245063	420219	23.46%	2.000%
46	12.427	1194	1196	1198	rVV	217976	357480	19.96%	1.701%
47	12.467	1198	1200	1202	rVV	273388	382279	21.35%	1.819%
48	12.506	1202	1204	1205	rVV2	72210	110920	6.19%	0.528%
49	12.555	1205	1209	1212	rVV2	573192	1094296	61.10%	5.208%
50	12.615	1212	1215	1219	rVV2	311802	546437	30.51%	2.601%
51	12.674	1219	1221	1223	rVV2	51946	115447	6.45%	0.549%
52	12.723	1223	1226	1230	rVV2	158257	411228	22.96%	1.957%
53	12.822	1233	1236	1242	rVV2	1032987	1790942	100.00%	8.524%
54	12.910	1242	1245	1246	rVV3	47164	95463	5.33%	0.454%
55	12.940	1246	1248	1250	rVV	105294	190763	10.65%	0.908%
56	13.019	1253	1256	1260	rVV2	137901	286522	16.00%	1.364%
57	13.078	1260	1262	1263	rVV	68372	99068	5.53%	0.471%
58	13.118	1264	1266	1268	rVV3	107800	187588	10.47%	0.893%
59	13.157	1268	1270	1272	rVV	182969	268296	14.98%	1.277%
60	13.206	1272	1275	1277	rVV2	106130	242933	13.56%	1.156%
61	13.256	1279	1280	1282	rVV2	97909	129703	7.24%	0.617%
62	13.295	1282	1284	1287	rVV3	85082	168333	9.40%	0.801%
63	13.344	1287	1289	1291	rVV2	113425	192041	10.72%	0.914%
64	13.384	1291	1293	1295	rVV2	113105	160493	8.96%	0.764%
65	13.423	1295	1297	1302	rVV2	96475	157071	8.77%	0.748%
66	13.502	1302	1305	1307	rVV2	190848	270127	15.08%	1.286%
67	13.542	1307	1309	1312	rVV	134780	203257	11.35%	0.967%
68	13.581	1312	1313	1315	rVV	49100	64169	3.58%	0.305%
69	13.621	1315	1317	1323	rVB2	82493	149026	8.32%	0.709%
70	13.709	1323	1326	1330	rBV2	214799	371732	20.76%	1.769%
71	13.818	1334	1337	1338	rBV	52585	65925	3.68%	0.314%

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72	13.857	1338	1341	1346	rVV3	201725	438654	24.49%	2.088%
73	13.926	1346	1348	1350	rVB3	58932	74418	4.16%	0.354%
74	13.976	1350	1353	1356	rVB2	40277	64149	3.58%	0.305%
75	14.084	1359	1364	1367	rBV2	27378	72283	4.04%	0.344%
76	14.163	1367	1372	1376	rBV6	69147	239476	13.37%	1.140%
77	14.222	1376	1378	1381	rVV2	60690	82139	4.59%	0.391%
78	14.272	1381	1383	1385	rVV2	16359	18924	1.06%	0.090%
79	14.311	1385	1387	1390	rVB	61173	79159	4.42%	0.377%
80	14.360	1390	1392	1395	rVB3	22617	37553	2.10%	0.179%
81	14.459	1399	1402	1405	rBV	224445	302220	16.87%	1.438%
82	14.558	1410	1412	1414	rBV3	12515	20585	1.15%	0.098%
83	14.745	1425	1431	1435	rVB6	38373	87695	4.90%	0.417%
84	14.814	1435	1438	1442	rBV3	52929	132337	7.39%	0.630%
85	14.873	1442	1444	1445	rVV2	64825	86647	4.84%	0.412%
86	14.903	1445	1447	1451	rVV3	99078	169693	9.48%	0.808%
87	14.962	1451	1453	1454	rVV	46105	61836	3.45%	0.294%
88	15.021	1456	1459	1462	rVV	100840	143896	8.03%	0.685%
89	15.120	1466	1469	1472	rBV	190428	280903	15.68%	1.337%
90	15.179	1472	1475	1477	rVV2	50314	88844	4.96%	0.423%
91	15.219	1477	1479	1481	rVV	46318	70731	3.95%	0.337%
92	15.288	1484	1486	1489	rVV2	42578	64294	3.59%	0.306%
93	15.327	1489	1490	1494	rVV4	16811	35630	1.99%	0.170%
94	15.416	1497	1499	1500	rVV2	21895	27595	1.54%	0.131%
95	15.455	1500	1503	1505	rVV2	34641	58027	3.24%	0.276%
96	15.524	1507	1510	1511	rVV2	19118	31527	1.76%	0.150%
97	15.574	1511	1515	1517	rVV	87428	156000	8.71%	0.742%
98	15.613	1517	1519	1521	rVB	57363	71734	4.01%	0.341%
99	15.791	1534	1537	1540	rVV	88474	129001	7.20%	0.614%
100	15.880	1544	1546	1549	rVB3	12099	18763	1.05%	0.089%

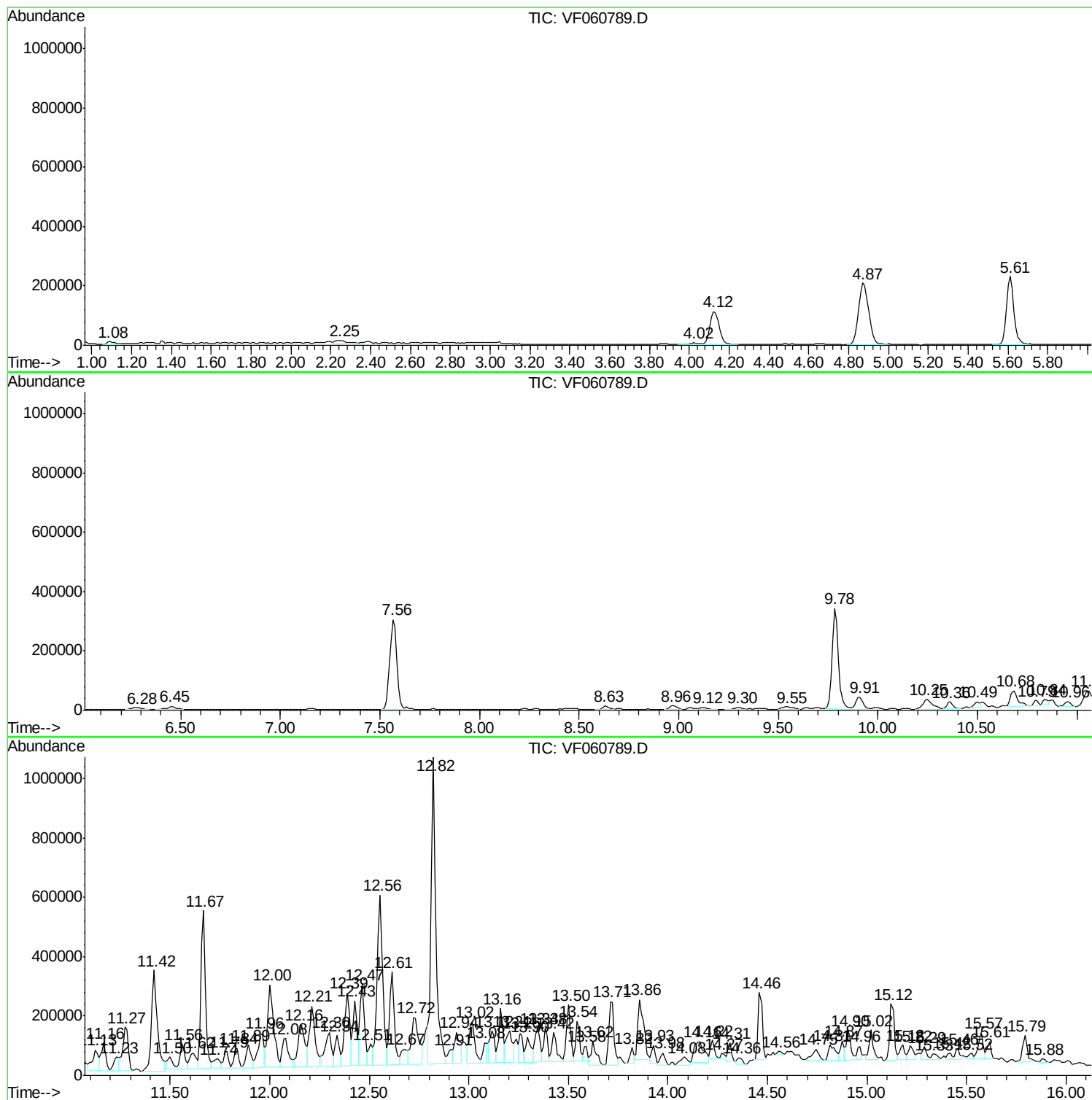
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Quant Title : SW846 8260

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



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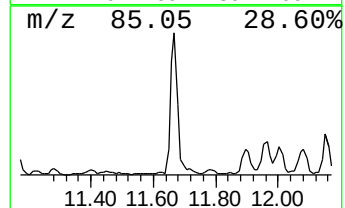
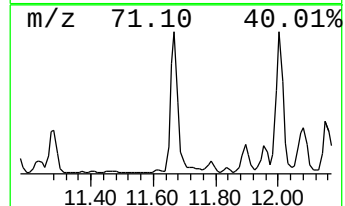
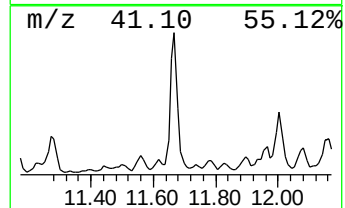
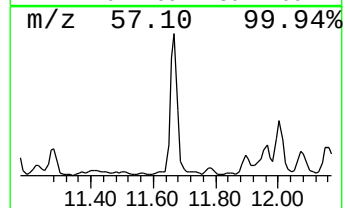
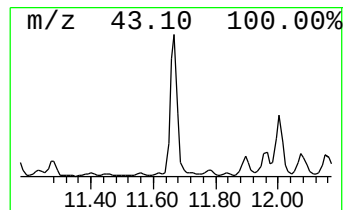
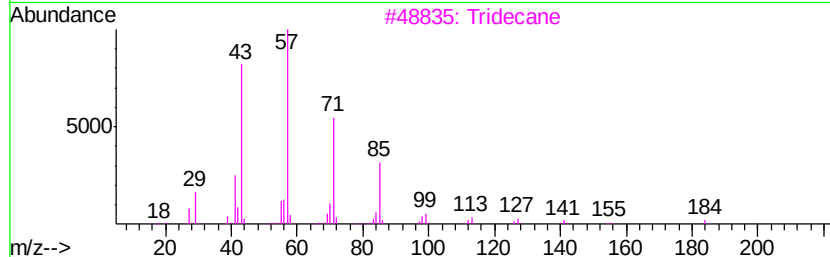
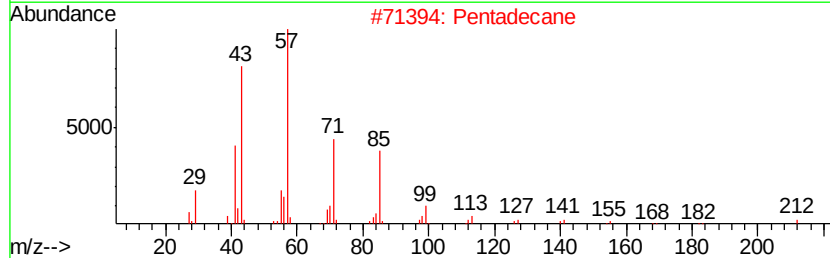
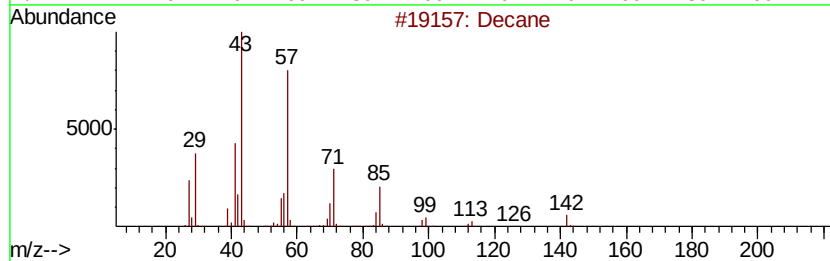
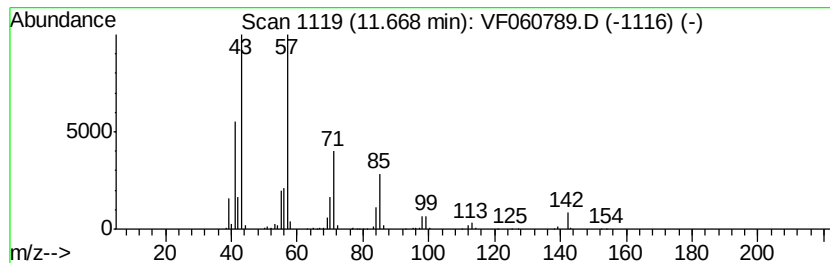
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	40.00 ug/l	875340	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 97
2	Pentadecane		212 C15H32	000629-62-9 78
3	Tridecane		184 C13H28	000629-50-5 72
4	Nonane		128 C9H20	000111-84-2 72
5	Heptane, 2,4-dimethyl-		128 C9H20	002213-23-2 64



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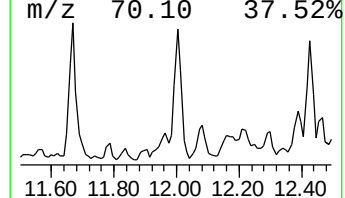
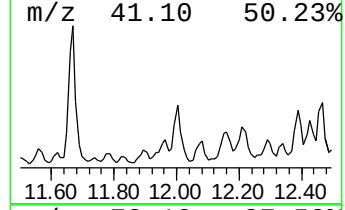
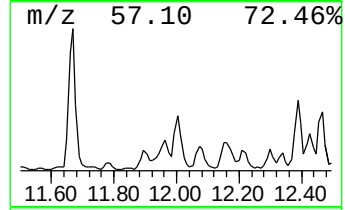
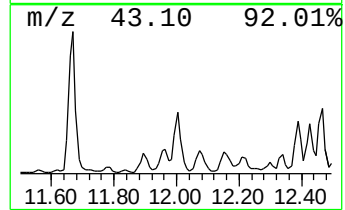
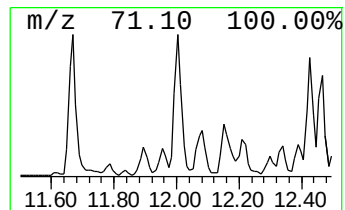
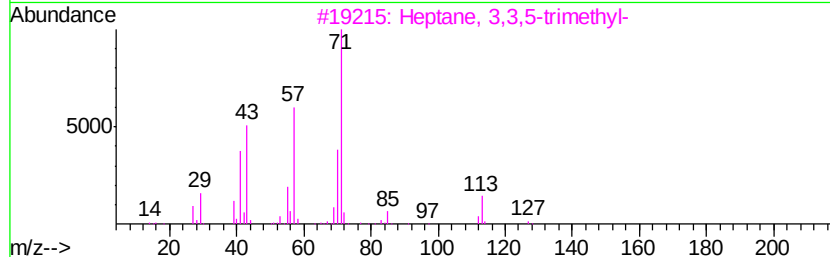
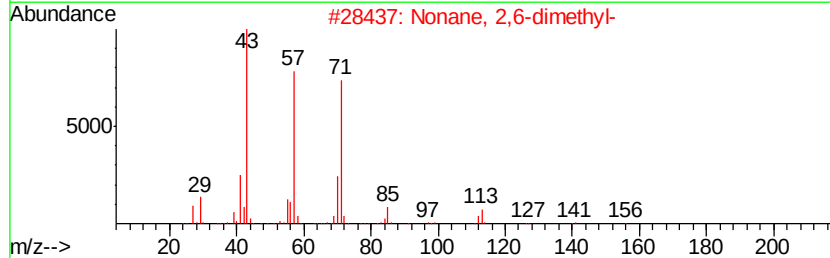
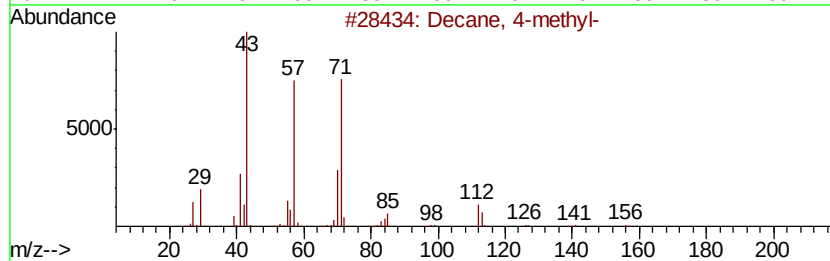
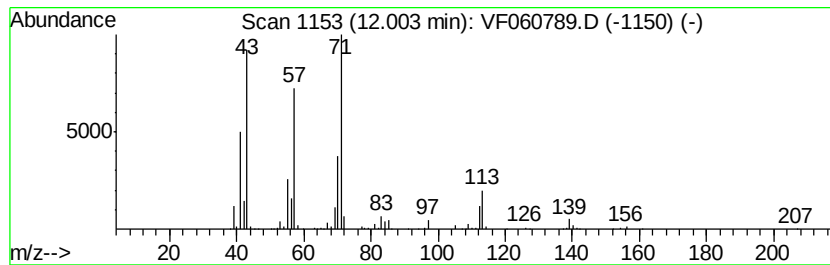
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	25.62 ug/l	560755	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	81
2	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	80
3	Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5	72
4	Sulfurous acid, octyl 2-pentyl e...	264 C13H28O3S	1000309-15-7	72
5	Decane, 5-ethyl-5-methyl-	184 C13H28	017312-74-2	64



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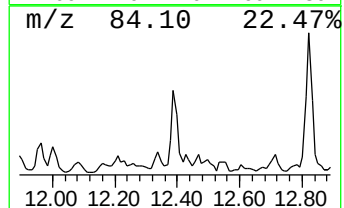
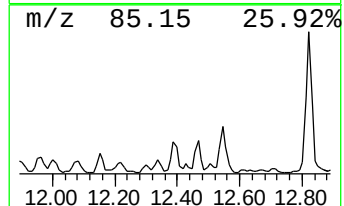
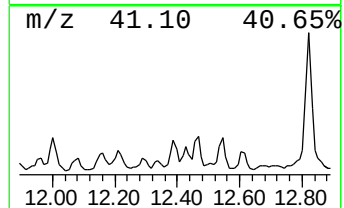
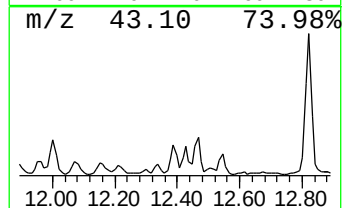
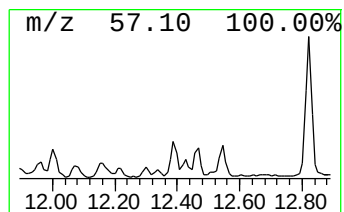
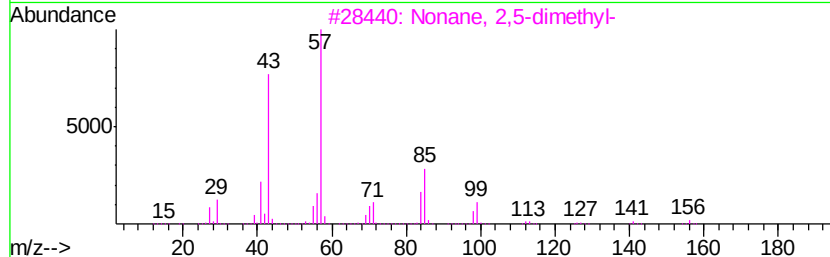
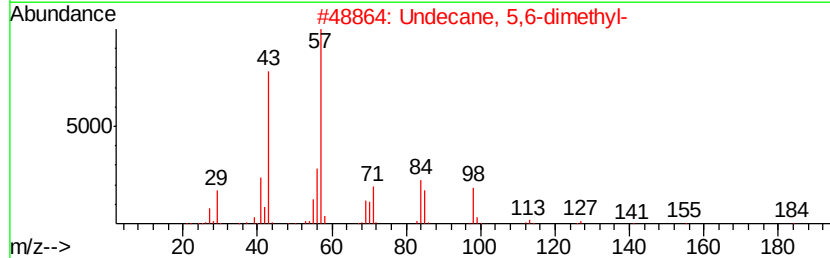
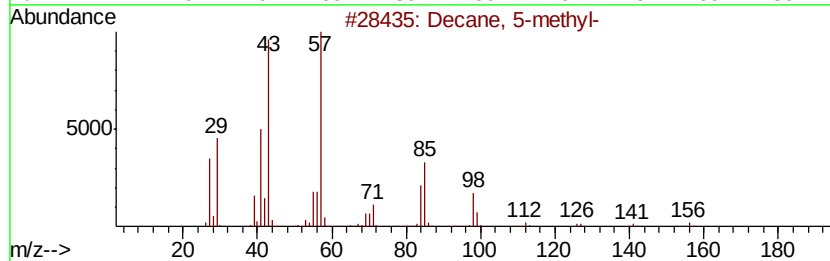
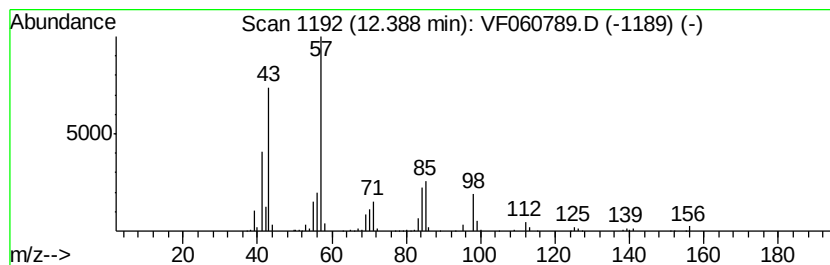
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	19.20 ug/l	420219	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 5-methyl-	156 C11H24	013151-35-4	81
2	Undecane, 5,6-dimethyl-	184 C13H28	017615-91-7	72
3	Nonane, 2,5-dimethyl-	156 C11H24	017302-27-1	58
4	Heptane, 3-ethyl-2-methyl-	142 C10H22	014676-29-0	53
5	Undecane, 5-methyl-	170 C12H26	001632-70-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
Operator : VA/AP
Sample : J5950-07
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

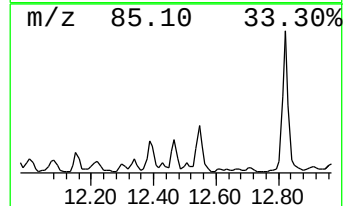
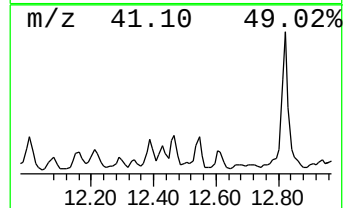
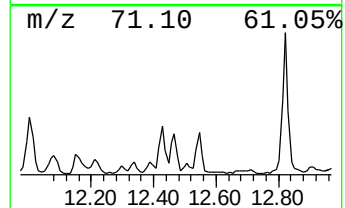
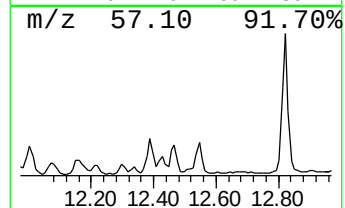
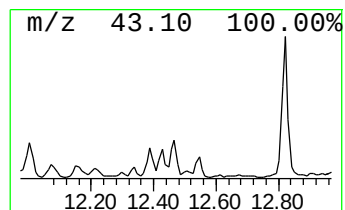
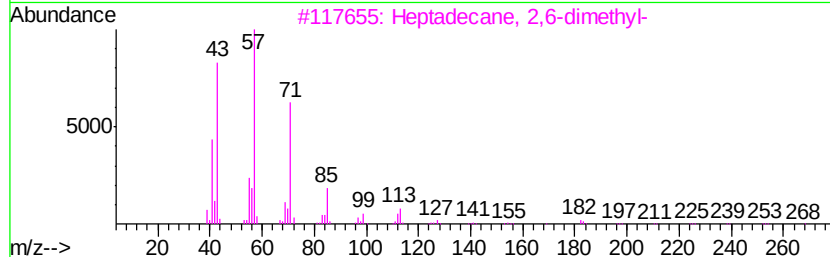
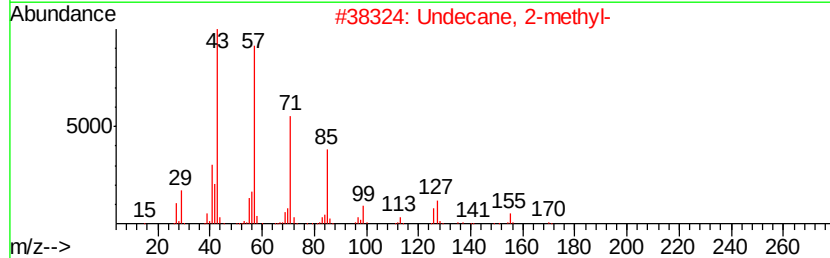
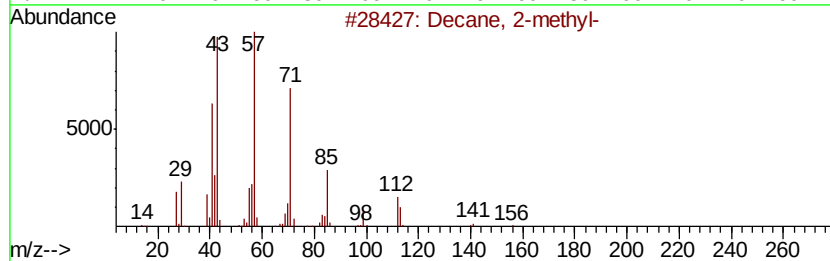
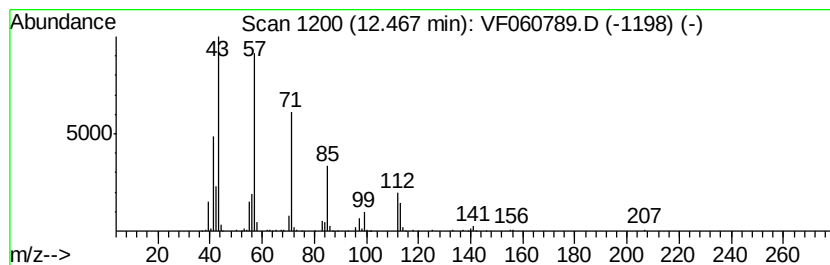
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ClientSampleId :
SSI-21-TW-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 5 Decane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	17.47 ug/l	382279	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2-methyl-	156 C11H24	006975-98-0	90
2	Undecane, 2-methyl-	170 C12H26	007045-71-8	64
3	Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8	59
4	Tridecane, 2-methyl-	198 C14H30	001560-96-9	59
5	Undecane, 5-methyl-	170 C12H26	001632-70-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
Operator : VA/AP
Sample : J5950-07
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

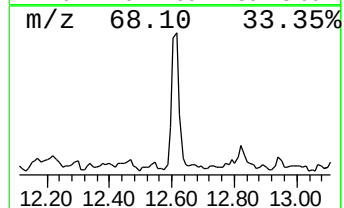
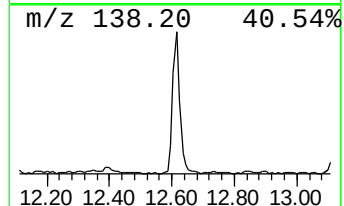
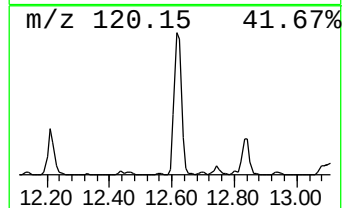
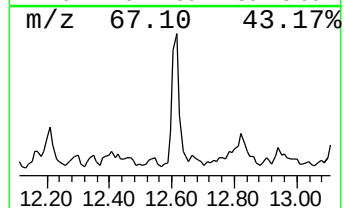
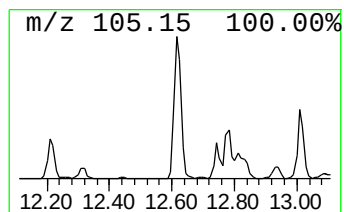
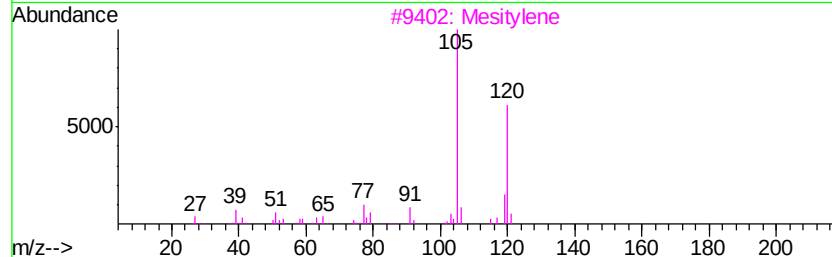
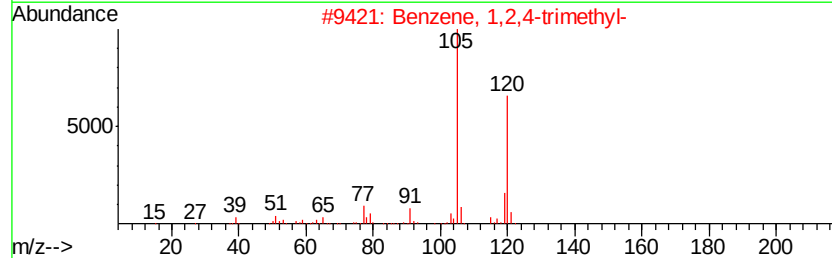
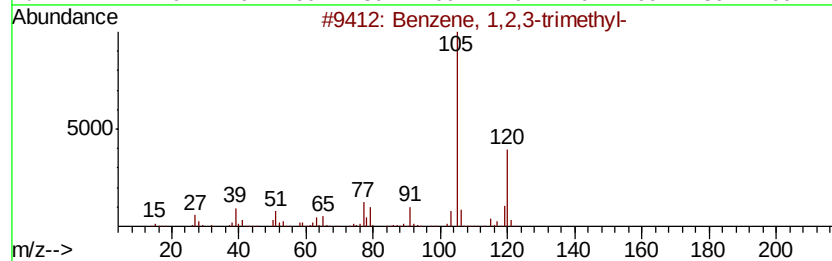
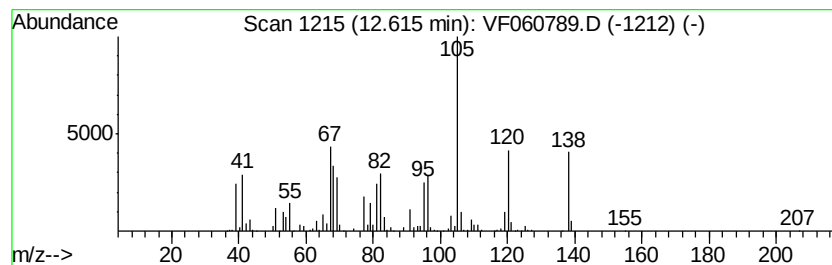
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	24.97 ug/l	546437	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
3		Mesitylene	120	C9H12	000108-67-8	35
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
Operator : VA/AP
Sample : J5950-07
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSI-21-TW-2

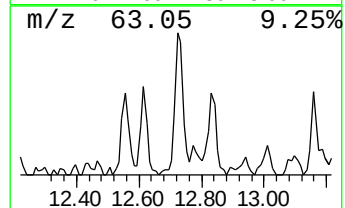
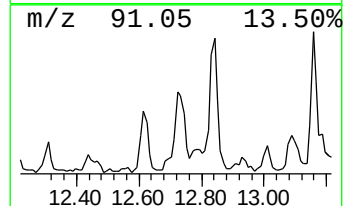
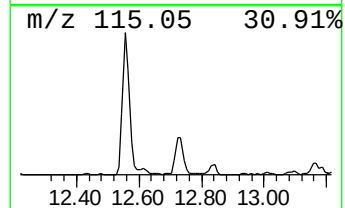
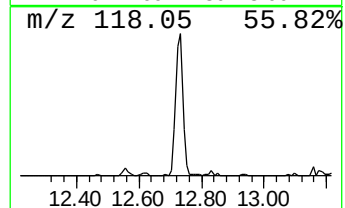
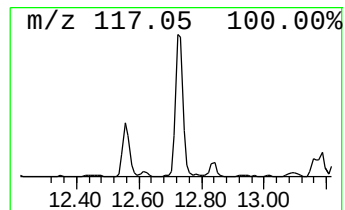
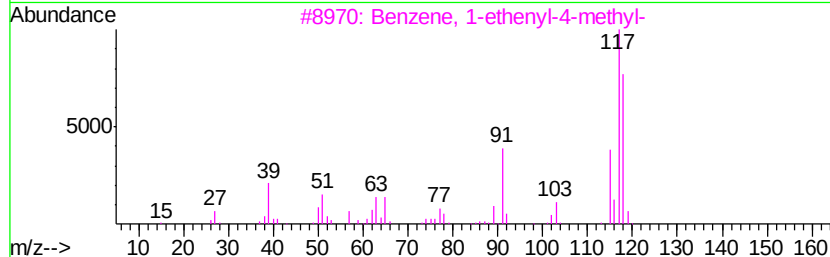
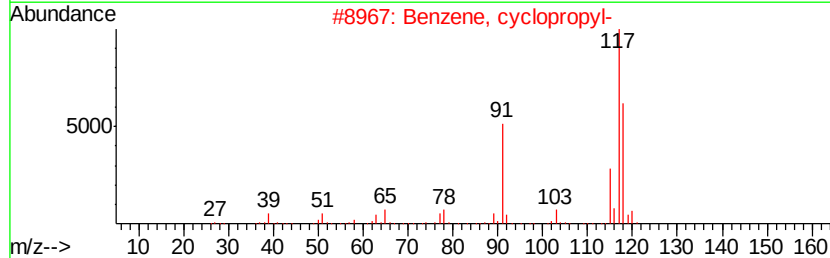
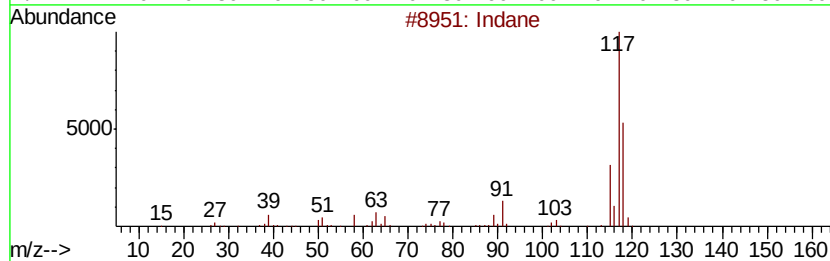
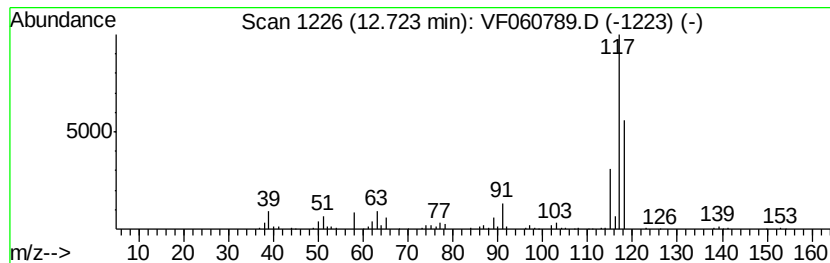
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Quant Title : SW846 8260

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

Peak Number 7 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	18.79 ug/l	411228	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	81
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	72
3	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	72
4	(Z)-1-Phenylpropene		118	C9H10	000766-90-5	64
5	Benzene, 1-(chloromethyl)-4-ethe...		152	C9H9Cl	001592-20-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
Operator : VA/AP
Sample : J5950-07
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

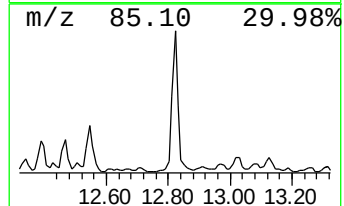
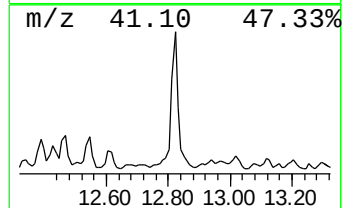
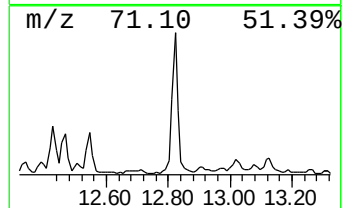
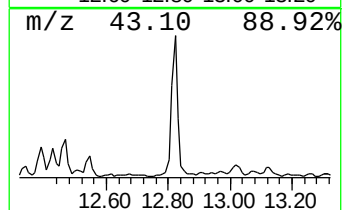
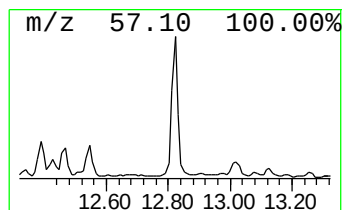
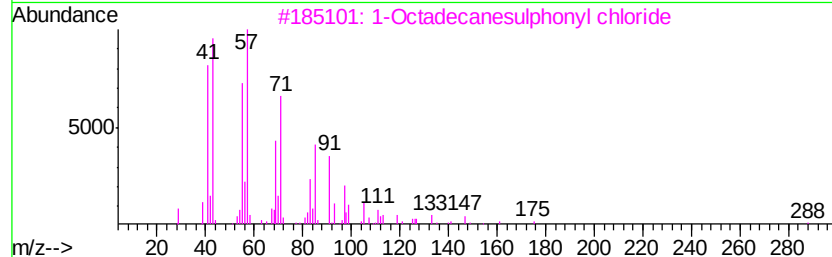
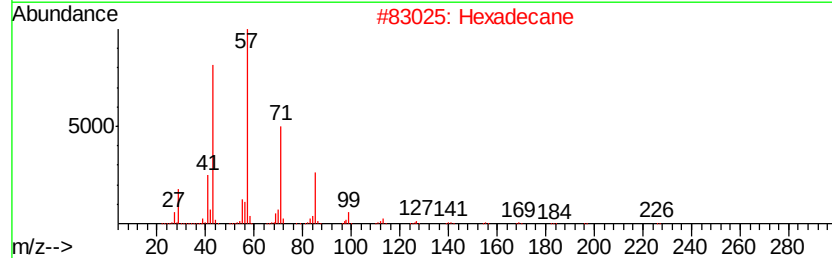
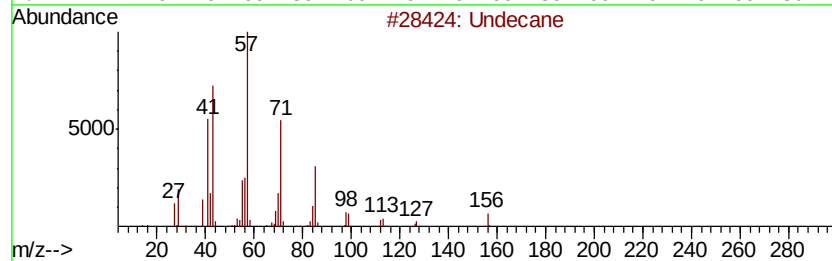
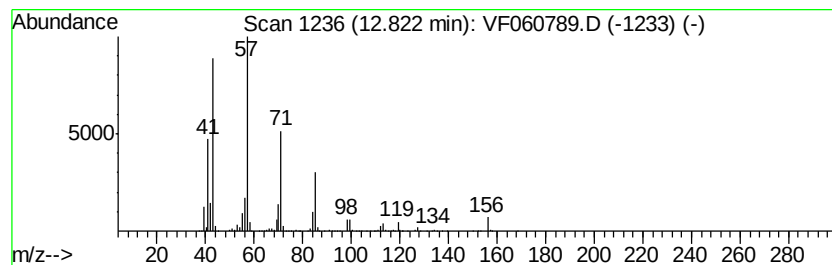
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 8 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	81.83 ug/l	1790940	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	94
2	Hexadecane	226 C16H34	000544-76-3	80
3	1-Octadecanesulphonyl chloride	352 C18H37ClO2S	1000342-70-4	80
4	Tridecane	184 C13H28	000629-50-5	72
5	Tetradecane	198 C14H30	000629-59-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
Operator : VA/AP
Sample : J5950-07
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

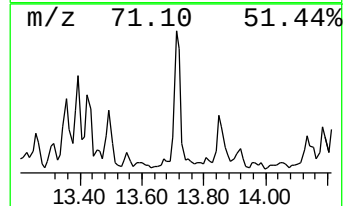
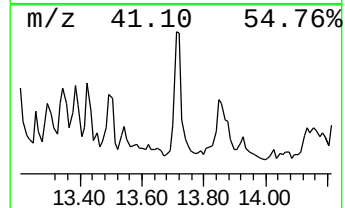
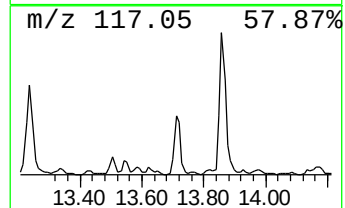
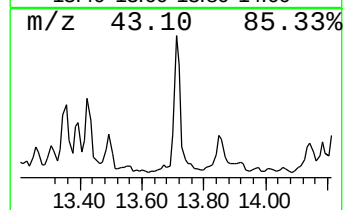
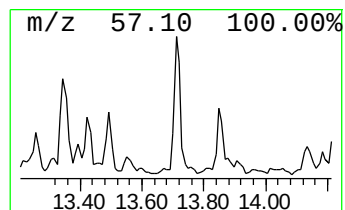
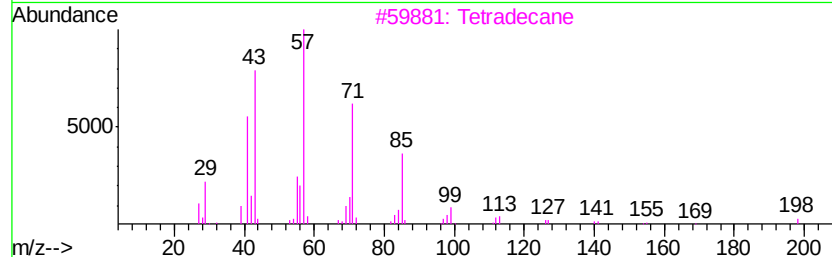
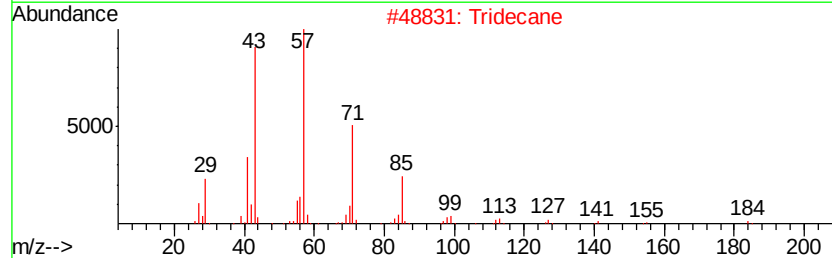
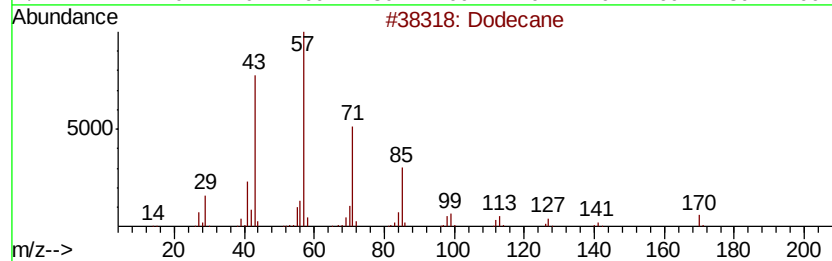
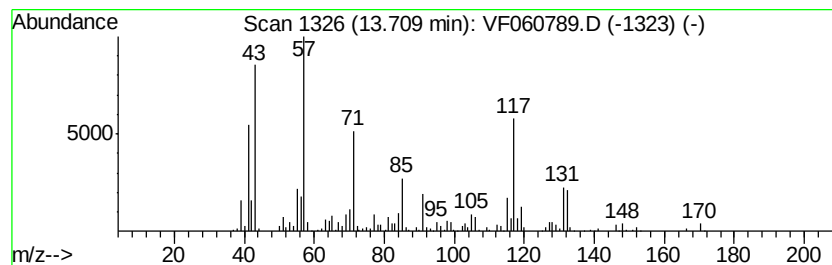
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	16.99 ug/l	371732	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	50
2	Tridecane	184 C13H28	000629-50-5	38
3	Tetradecane	198 C14H30	000629-59-4	38
4	Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8	38
5	Heptane, 3,4-dimethyl-	128 C9H20	000922-28-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
Operator : VA/AP
Sample : J5950-07
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

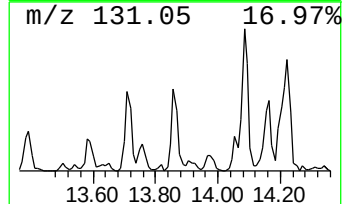
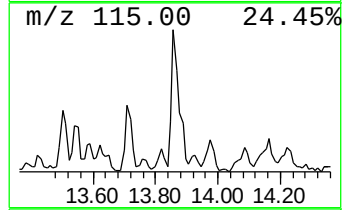
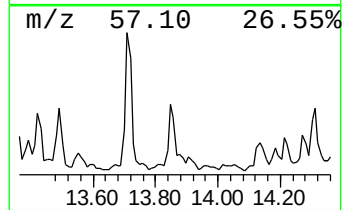
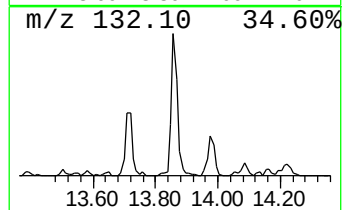
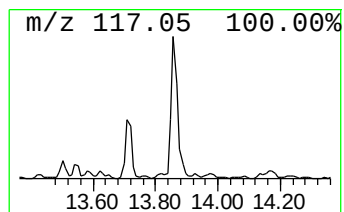
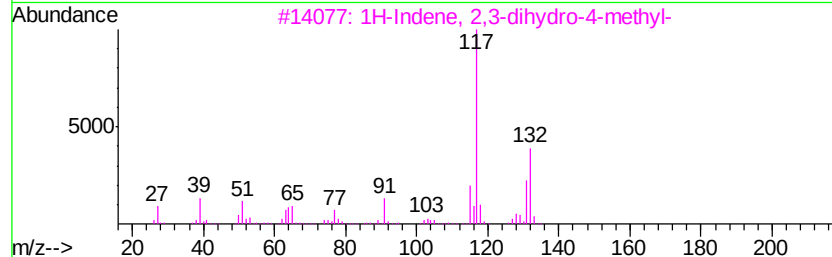
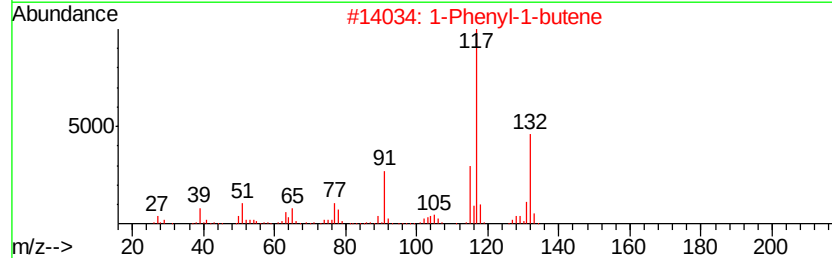
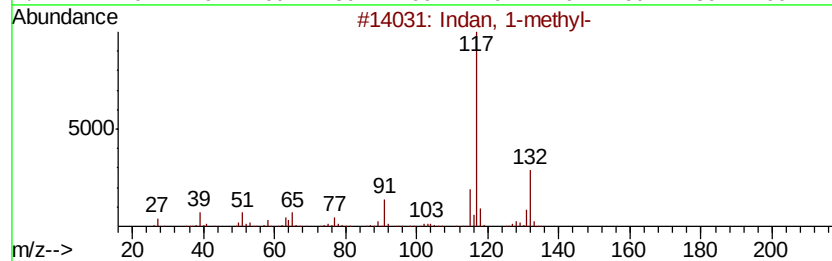
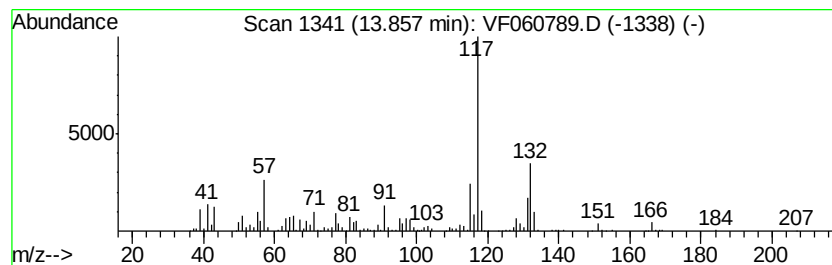
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Quant Title : SW846 8260

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

Peak Number 10 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	20.04 ug/l	438654	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indan, 1-methyl-	132	C10H12	000767-58-8	93
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
Operator : VA/AP
Sample : J5950-07
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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
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Decane, 4-methyl-	12.00	25.6	ug/l	560755	4	12.56	1094300	50.0
Decane, 5-methyl-	12.39	19.2	ug/l	420219	4	12.56	1094300	50.0
Decane, 2-methyl-	12.47	17.5	ug/l	382279	4	12.56	1094300	50.0
Benzene, 1,2,3-tr...	12.61	25.0	ug/l	546437	4	12.56	1094300	50.0
Indane	12.72	18.8	ug/l	411228	4	12.56	1094300	50.0
Undecane	12.82	81.8	ug/l	1790940	4	12.56	1094300	50.0
Dodecane	13.71	17.0	ug/l	371732	4	12.56	1094300	50.0
Indan, 1-methyl-	13.86	20.0	ug/l	438654	4	12.56	1094300	50.0