

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060743.D
 Acq On : 15 Nov 2018 13:29
 Operator : VA/AP
 Sample : J5925-05
 Misc : 17.98g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1D1

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	3.688	303	310	311	rBV6	2699	8215	1.29%	0.077%
2	3.846	322	326	331	rBV5	2324	6528	1.02%	0.061%
3	3.925	333	334	335	rVV	15573	10186	1.60%	0.095%
4	3.955	335	337	338	rVV	10525	9998	1.57%	0.093%
5	3.994	340	341	344	rVV2	4921	6484	1.02%	0.061%
6	4.823	421	425	430	rBV5	6433	20582	3.22%	0.192%
7	5.424	480	486	492	rBV3	25611	90266	14.14%	0.843%
8	5.562	497	500	503	rVB3	6386	15130	2.37%	0.141%
9	5.927	531	537	538	rBV3	9278	22079	3.46%	0.206%
10	6.144	556	559	560	rBV2	8440	14817	2.32%	0.138%
11	6.559	596	601	605	rBV5	23476	79279	12.42%	0.741%
12	6.628	606	608	616	rVB7	18110	57090	8.94%	0.533%
13	6.786	618	624	631	rBV3	33748	147845	23.16%	1.381%
14	7.229	666	669	670	rBV3	6630	9956	1.56%	0.093%
15	7.535	696	700	705	rVB4	30904	78600	12.31%	0.734%
16	7.733	715	720	726	rVB4	21517	60437	9.47%	0.565%
17	8.098	754	757	765	rVB4	13030	36863	5.77%	0.344%
18	8.255	768	773	778	rVB2	39132	105960	16.60%	0.990%
19	8.354	778	783	786	rBV6	17469	47734	7.48%	0.446%
20	8.433	786	791	798	rVB	75347	212294	33.26%	1.983%
21	8.601	802	808	812	rBV2	59904	171714	26.90%	1.604%
22	8.808	825	829	834	rVB4	15606	44679	7.00%	0.417%
23	8.946	837	843	847	rBV3	59060	181119	28.37%	1.692%
24	9.015	847	850	853	rVV4	17470	44725	7.01%	0.418%
25	9.084	853	857	864	rVB	56616	147851	23.16%	1.381%
26	9.183	864	867	870	rBV4	6214	15272	2.39%	0.143%
27	9.262	870	875	879	rBV	67634	159008	24.91%	1.485%
28	9.331	879	882	884	rBV2	5761	9078	1.42%	0.085%
29	9.390	886	888	892	rVB5	8109	15799	2.48%	0.148%
30	9.508	895	900	907	rBV4	16758	52273	8.19%	0.488%
31	9.597	907	909	910	rBV2	5201	7470	1.17%	0.070%
32	9.666	911	916	919	rBV4	21121	50592	7.93%	0.473%
33	9.735	919	923	927	rBV	72037	156773	24.56%	1.465%
34	9.794	927	929	940	rVB	37744	92282	14.46%	0.862%

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35	9.952	940	945	949	rVB3	15071	42167	6.61%	0.394%
36	10.051	949	955	964	rVB4	13948	44492	6.97%	0.416%
37	10.209	964	971	979	rBV4	87607	304851	47.76%	2.848%
38	10.327	979	983	988	rBV2	43183	99247	15.55%	0.927%
39	10.416	989	992	993	rBV3	6424	9429	1.48%	0.088%
40	10.495	993	1000	1007	rVB3	103048	302663	47.41%	2.828%
41	10.643	1007	1015	1023	rBV2	215092	571877	89.59%	5.343%
42	10.761	1023	1027	1029	rBV	41744	88857	13.92%	0.830%
43	10.810	1029	1032	1039	rVB2	72794	166883	26.14%	1.559%
44	10.929	1039	1044	1047	rVB3	36311	84078	13.17%	0.785%
45	11.027	1049	1054	1057	rBV3	77012	195628	30.65%	1.828%
46	11.096	1058	1061	1067	rVB	121413	250654	39.27%	2.342%
47	11.175	1067	1069	1070	rBV	5958	9701	1.52%	0.091%
48	11.244	1070	1076	1080	rVB2	133237	328525	51.47%	3.069%
49	11.372	1080	1089	1096	rBV4	127381	638337	100.00%	5.963%
50	11.471	1097	1099	1102	rVB4	38095	70216	11.00%	0.656%
51	11.540	1102	1106	1108	rBV	106567	194312	30.44%	1.815%
52	11.589	1108	1111	1115	rVB3	58069	152445	23.88%	1.424%
53	11.659	1115	1118	1120	rVB3	41174	66280	10.38%	0.619%
54	11.718	1120	1124	1125	rBV4	35826	64877	10.16%	0.606%
55	11.757	1125	1128	1130	rVB2	46567	80629	12.63%	0.753%
56	11.807	1130	1133	1136	rVB3	39381	67055	10.50%	0.626%
57	11.866	1136	1139	1142	rBV3	51541	110860	17.37%	1.036%
58	11.935	1142	1146	1148	rVV3	70771	154773	24.25%	1.446%
59	11.974	1148	1150	1155	rVB	259759	427972	67.04%	3.998%
60	12.053	1155	1158	1163	rVB4	60781	124635	19.52%	1.164%
61	12.132	1163	1166	1168	rBV2	91482	183953	28.82%	1.719%
62	12.181	1168	1171	1175	rVV2	147870	317519	49.74%	2.966%
63	12.280	1177	1181	1183	rVV3	76163	172943	27.09%	1.616%
64	12.369	1187	1190	1193	rVV3	90502	166518	26.09%	1.556%
65	12.467	1197	1200	1207	rVB4	41100	111363	17.45%	1.040%
66	12.586	1208	1212	1216	rBV2	156704	273833	42.90%	2.558%
67	12.645	1216	1218	1222	rVV4	29385	88961	13.94%	0.831%
68	12.724	1224	1226	1228	rVV3	54742	119215	18.68%	1.114%
69	12.773	1228	1231	1233	rVV2	81081	187204	29.33%	1.749%
70	12.823	1234	1236	1240	rVV3	106491	240251	37.64%	2.244%
71	12.921	1243	1246	1251	rVV5	85532	286036	44.81%	2.672%

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72	13.000	1252	1254	1258	rVV2	69740	136650	21.41%	1.277%
73	13.059	1258	1260	1261	rVV2	32540	49454	7.75%	0.462%
74	13.099	1261	1264	1266	rVV3	79261	160429	25.13%	1.499%
75	13.178	1269	1272	1275	rVV3	108732	268191	42.01%	2.506%
76	13.237	1275	1278	1280	rVV2	118969	223709	35.05%	2.090%
77	13.276	1280	1282	1285	rVV2	87218	153382	24.03%	1.433%
78	13.326	1285	1287	1288	rVV2	39376	53880	8.44%	0.503%
79	13.365	1288	1291	1294	rVB2	113864	173697	27.21%	1.623%
80	13.513	1304	1306	1309	rVB3	12148	17318	2.71%	0.162%
81	13.582	1310	1313	1316	rVB4	18828	36171	5.67%	0.338%
82	13.631	1316	1318	1319	rBV2	10096	13993	2.19%	0.131%
83	13.720	1324	1327	1332	rVB5	29114	81530	12.77%	0.762%
84	13.868	1338	1342	1346	rVB4	46229	101792	15.95%	0.951%
85	14.046	1356	1360	1363	rBV6	10233	29198	4.57%	0.273%
86	14.134	1367	1369	1371	rVV2	9052	16899	2.65%	0.158%
87	14.204	1374	1376	1381	rVV4	23820	46627	7.30%	0.436%
88	14.282	1381	1384	1391	rVB7	15142	41459	6.49%	0.387%
89	14.391	1391	1395	1398	rBV4	10077	24323	3.81%	0.227%
90	14.608	1415	1417	1422	rVB5	6795	12158	1.90%	0.114%
91	14.756	1426	1432	1436	rVB	34697	75002	11.75%	0.701%

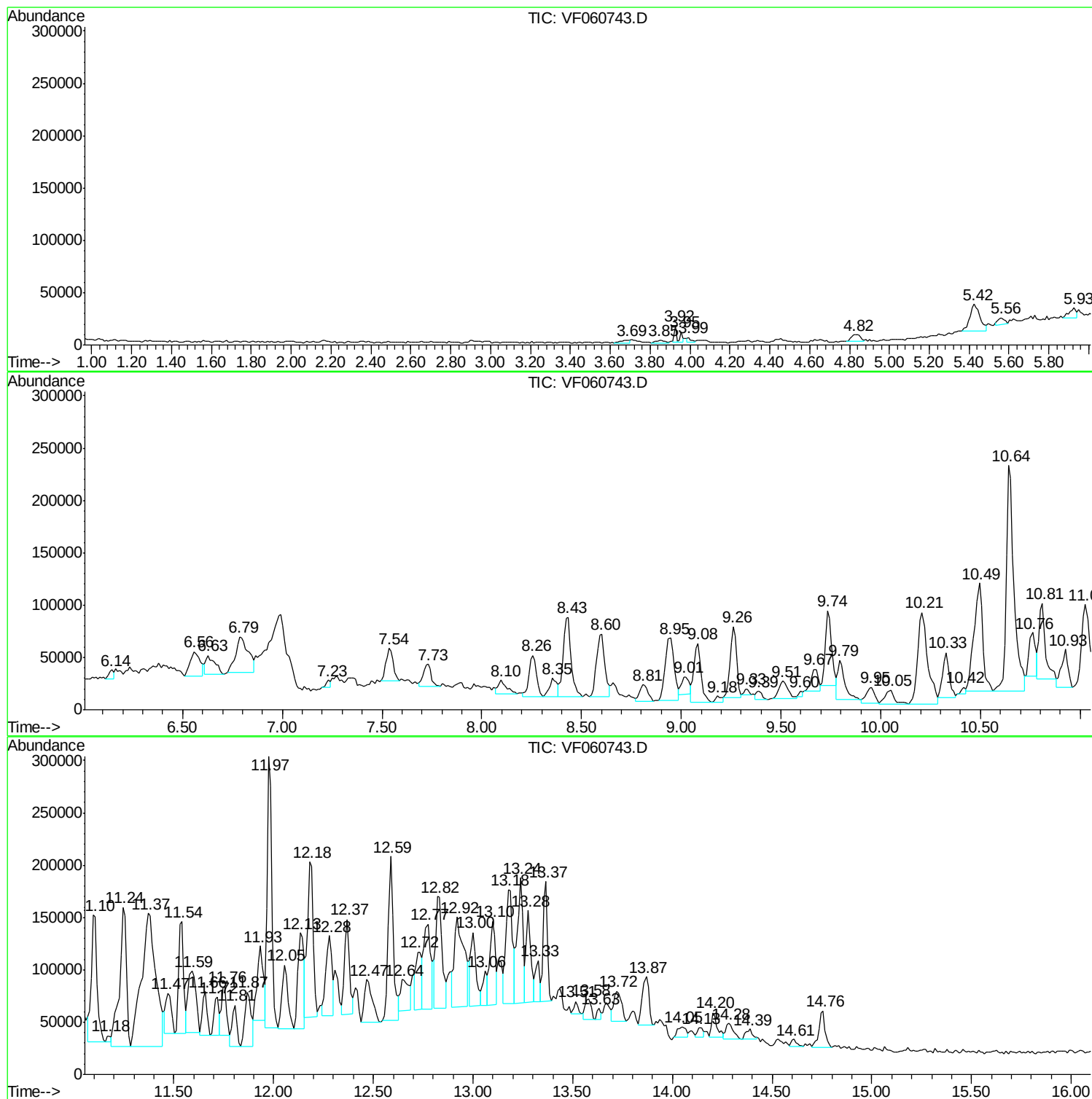
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F111318S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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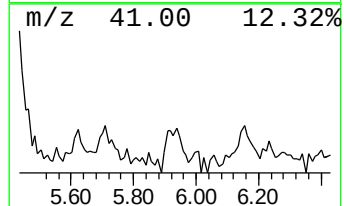
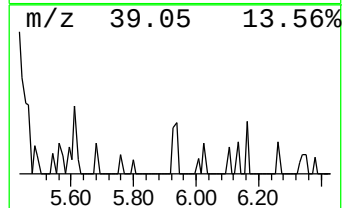
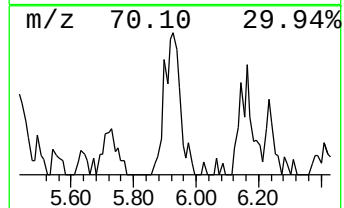
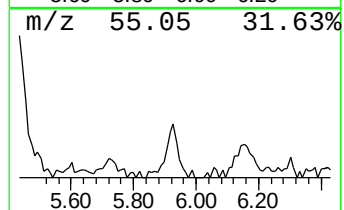
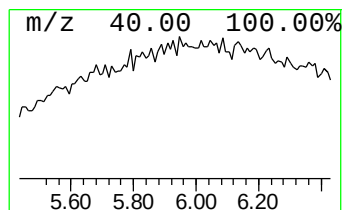
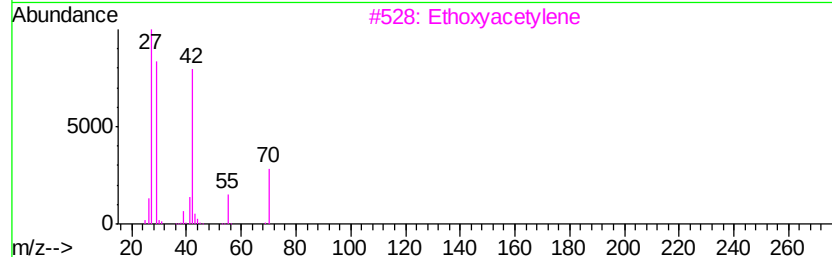
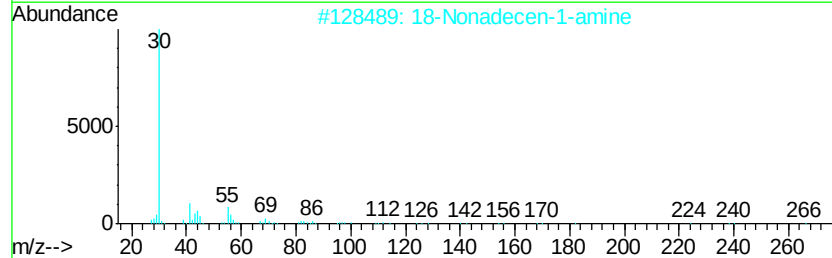
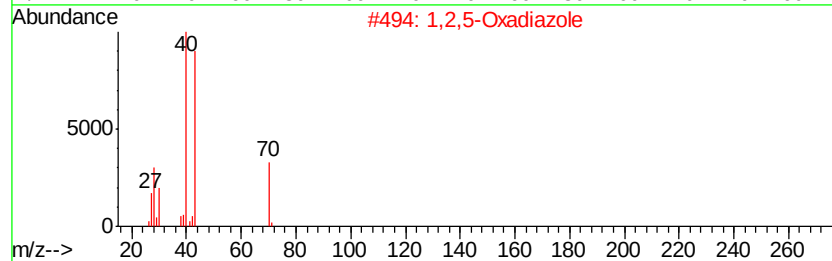
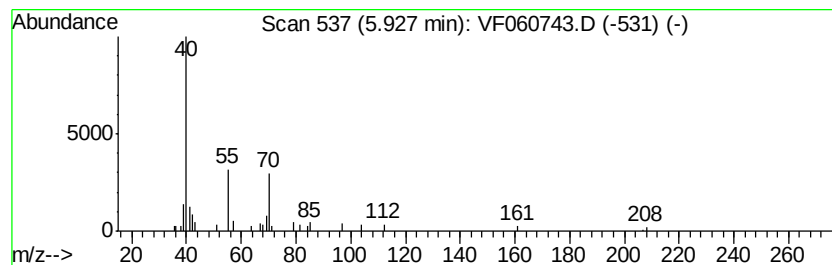
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown5.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	72.96 ug/l	22079	1,4-Difluorobenzene	5.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5-Oxadiazole	70	C2H2N2O	000288-37-9	9
2		18-Nonadecen-1-amine	281	C19H39N	1000221-52-8	4
3		Ethoxyacetylene	70	C4H6O	000927-80-0	4
4		Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
5		2-Buten-1-amine, N-butyl-, (Z)-	127	C8H17N	062337-87-5	2



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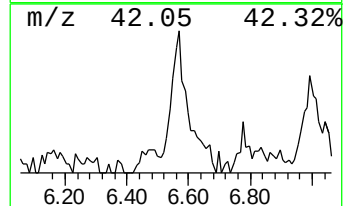
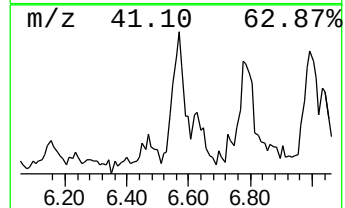
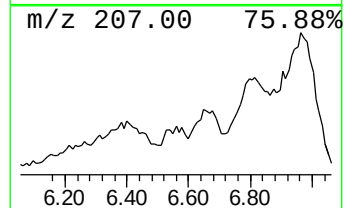
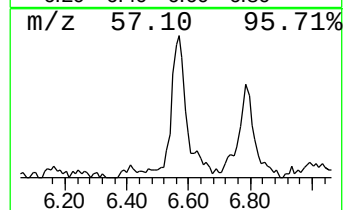
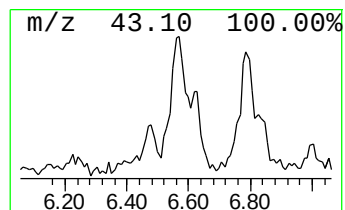
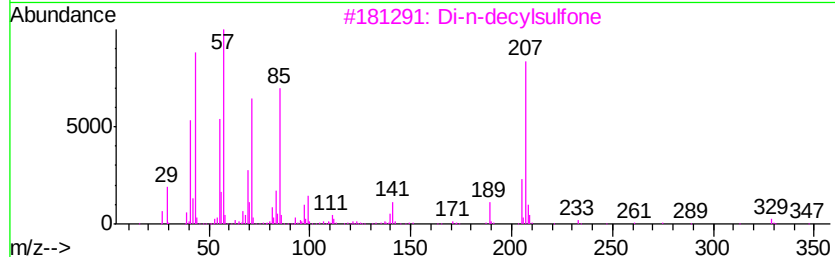
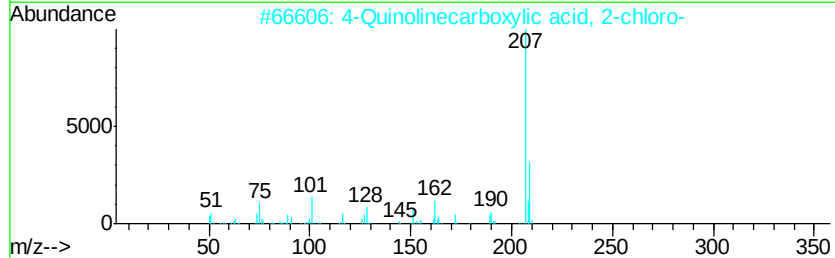
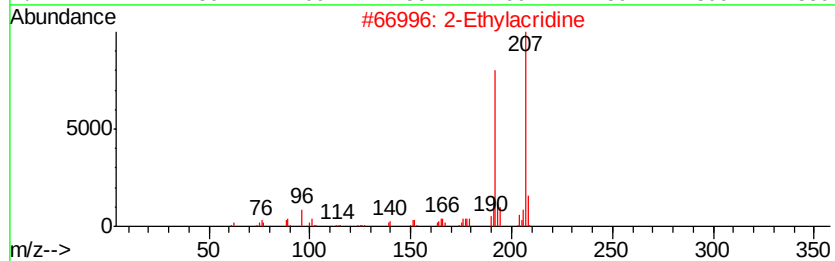
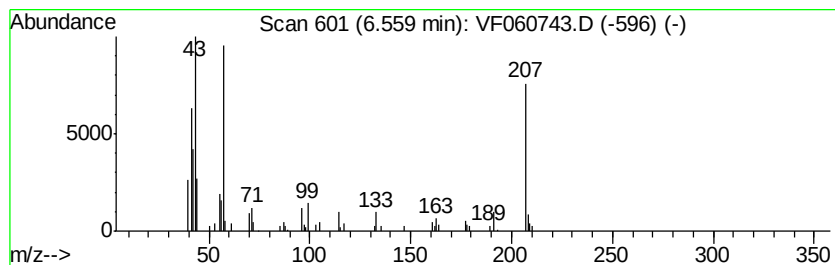
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Ethylacridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	261.99 ug/l	79279	1,4-Difluorobenzene	5.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethylacridine	207	C15H13N	055751-83-2	59
2		4-Quinolinecarboxylic acid, 2-ch...	207	C10H6ClN02	005467-57-2	43
3		Di-n-decylsulfone	346	C20H42O2S	111530-37-1	38
4		Cyclohexane-1,3-dione, 2-allylam...	207	C12H17N02	104926-37-6	38
5		Benzenamine, 4-bromo-2-chloro-	205	C6H5BrClN	038762-41-3	35



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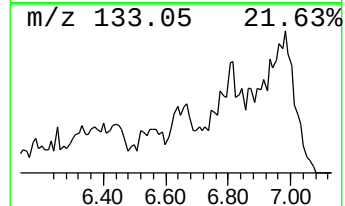
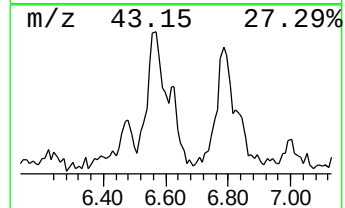
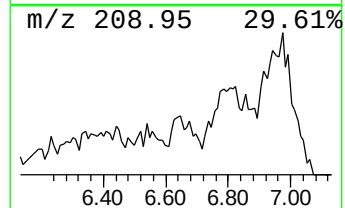
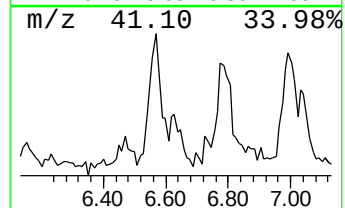
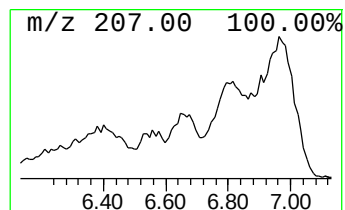
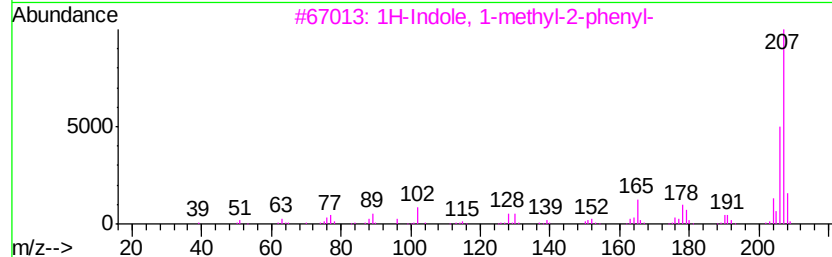
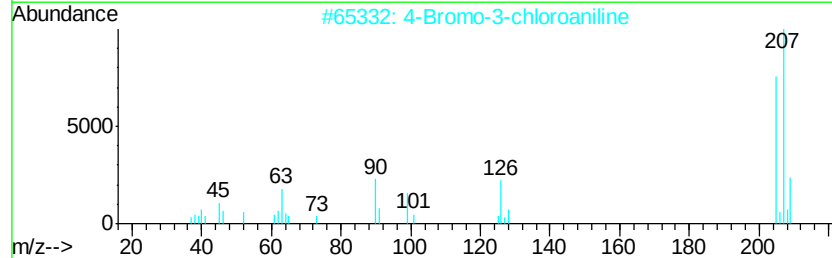
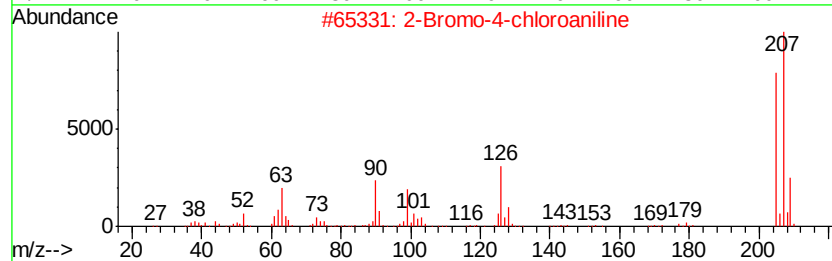
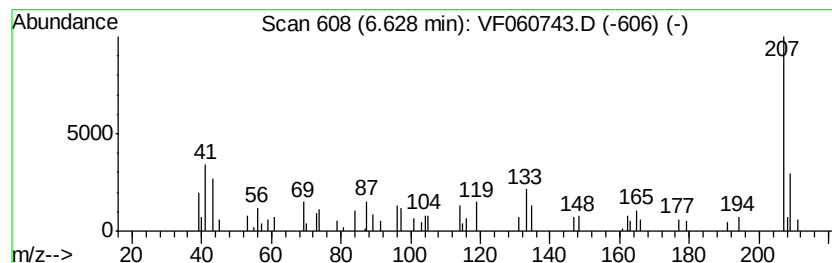
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	188.67 ug/l	57090	1,4-Difluorobenzene	5.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo-4-chloroaniline	205	C6H5BrClN	000873-38-1	43
2		4-Bromo-3-chloroaniline	205	C6H5BrClN	021402-26-6	43
3		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
4		Quinoline, 4-chloro-6-methoxy-2-...	207	C11H10ClNO	050593-73-2	38
5		2-Butenenitrile, 2-chloro-3-(4-m...	207	C11H10ClNO	1000305-66-7	38



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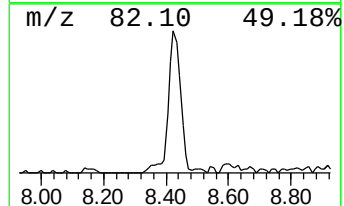
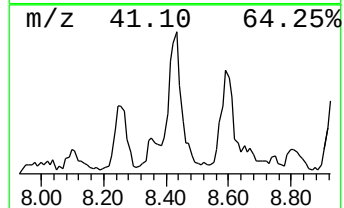
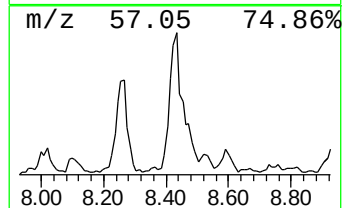
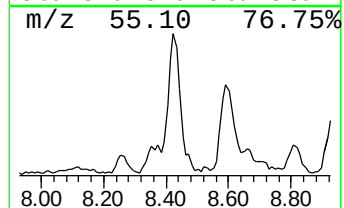
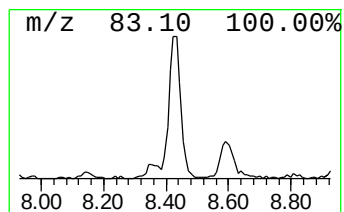
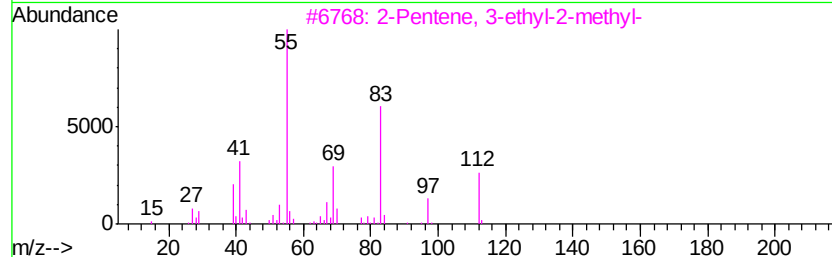
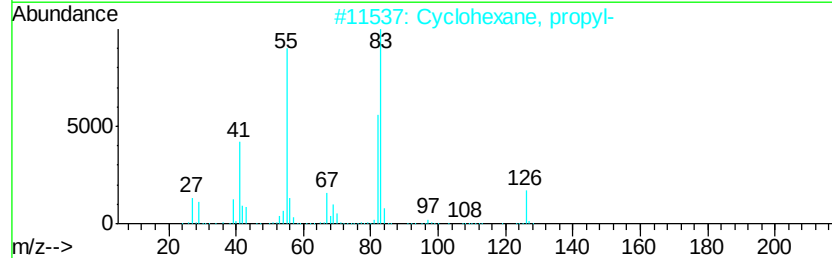
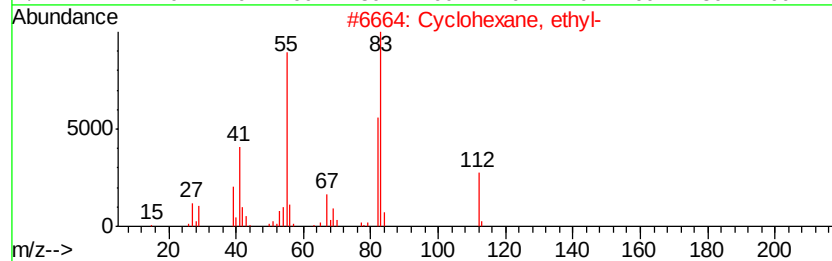
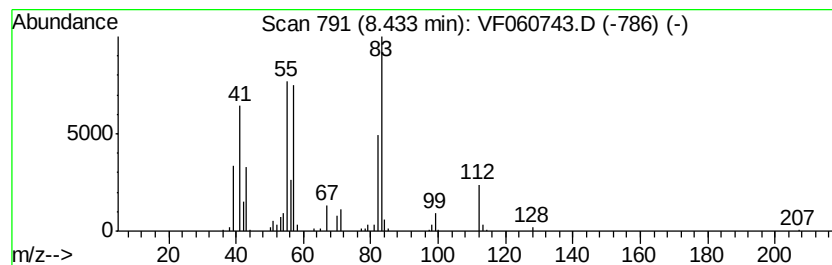
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	67.71 ug/l	212294	Chlorobenzene-d5	9.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, ethyl-	112	C8H16	001678-91-7	76
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
3		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	49
4		4-Hexen-3-one, 5-methyl-	112	C7H12O	013905-10-7	43
5		2,4-Dimethyl-3-hexene(c,t)	112	C8H16	1000118-16-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSV0A-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
TP-1D1

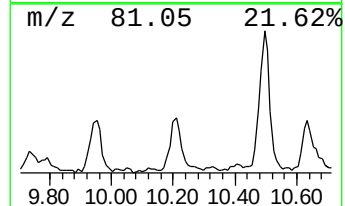
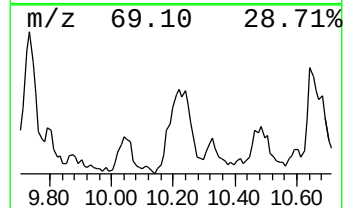
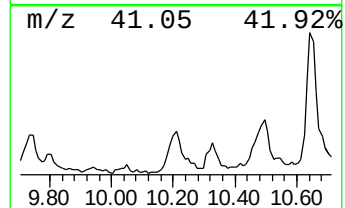
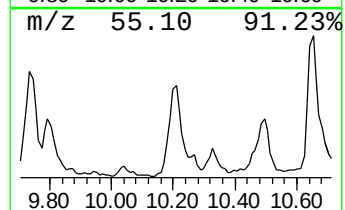
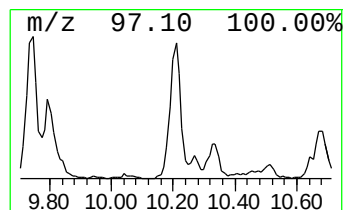
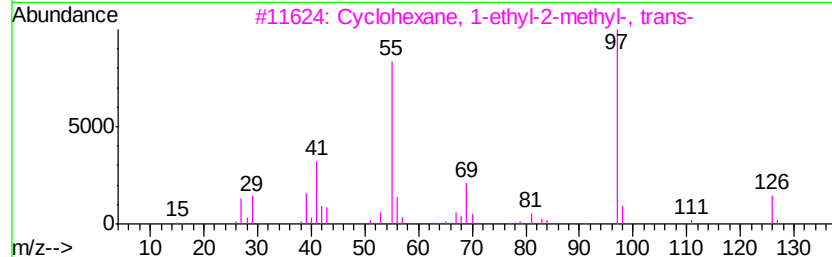
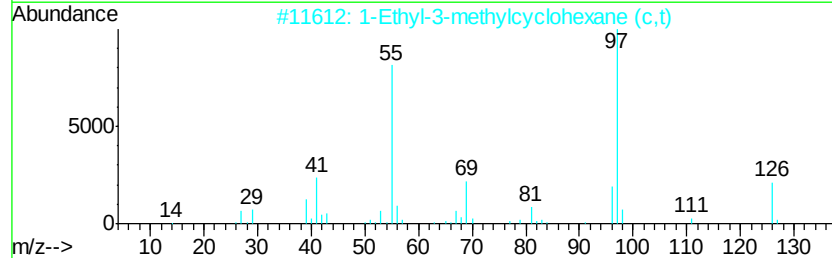
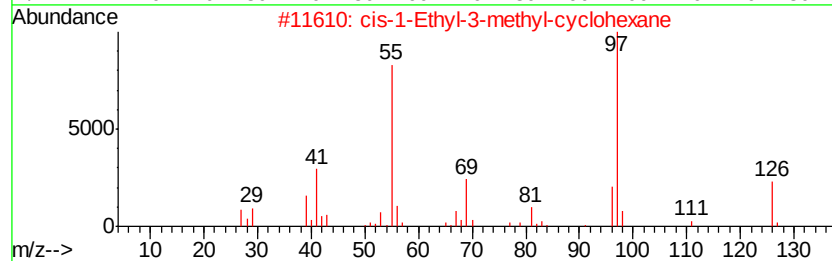
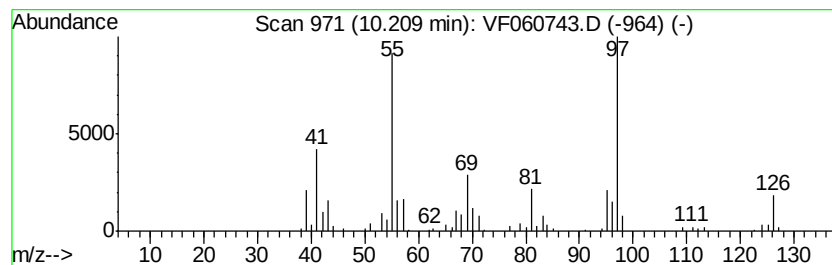
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Quant Title : SW846 8260

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

Peak Number 6 cis-1-Ethyl-3-methyl-cyclohexane... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	97.23 ug/l	304851	Chlorobenzene-d5	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	76
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	76
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	76
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	70
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

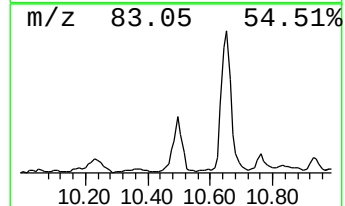
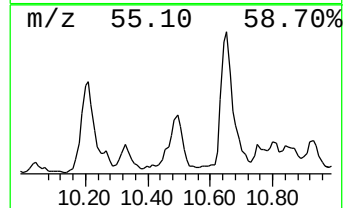
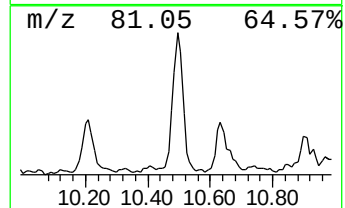
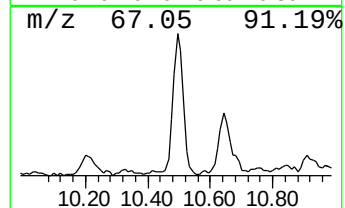
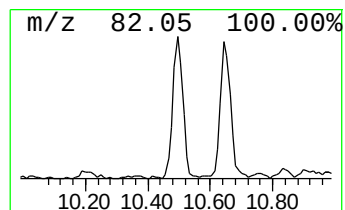
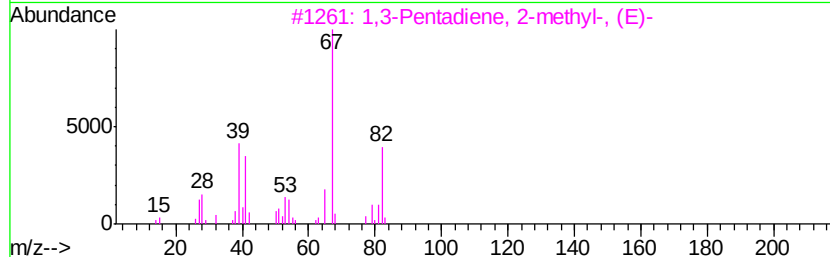
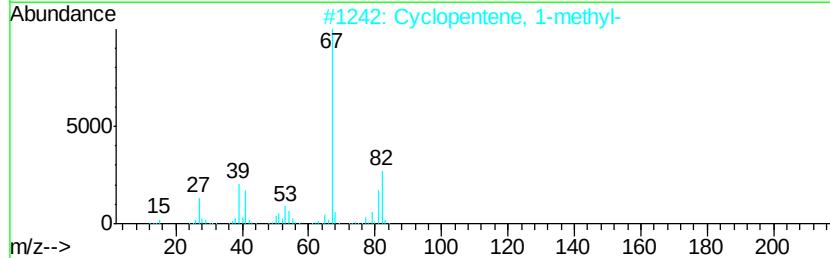
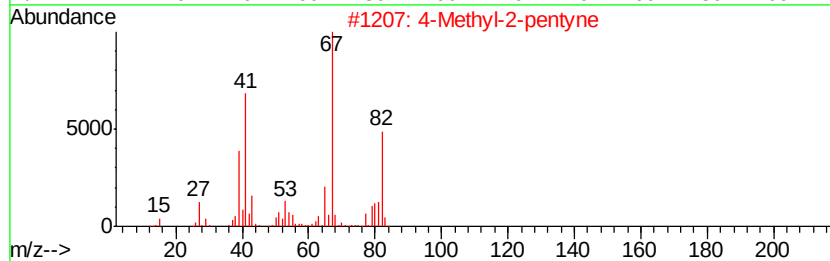
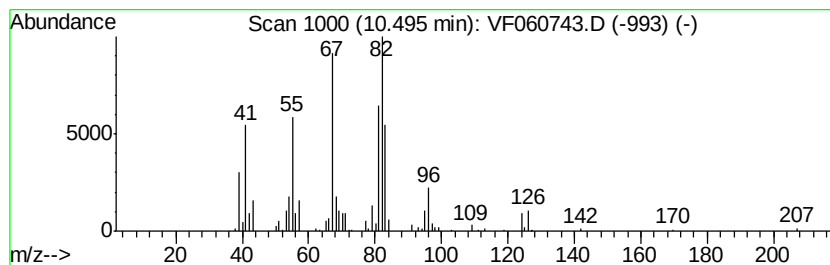
Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

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 7 4-Methyl-2-pentyne Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.49	96.53 ug/l	302663	Chlorobenzene-d5	9.74		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Methyl-2-pentyne	82	C6H10	021020-27-9	52
2		Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	50
3		1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	49
4		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	49
5		Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSV0A-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

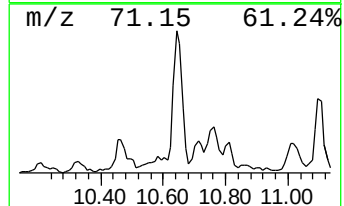
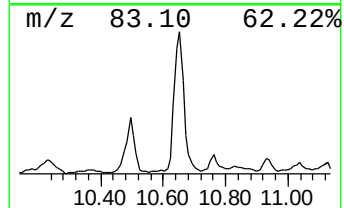
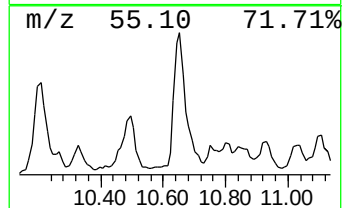
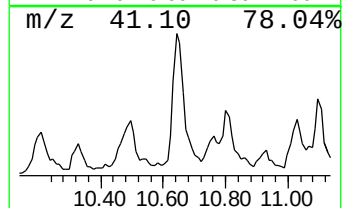
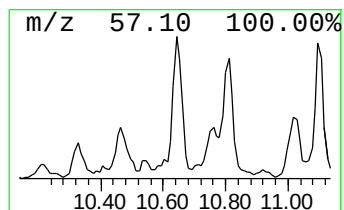
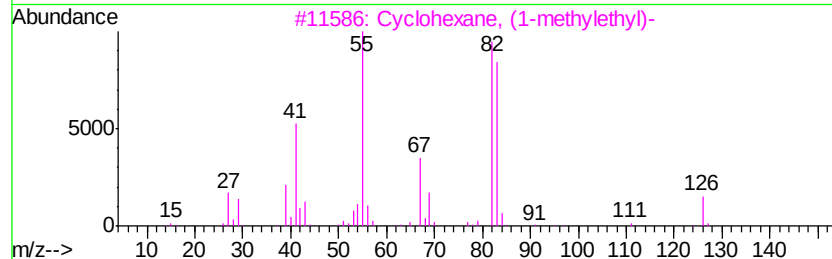
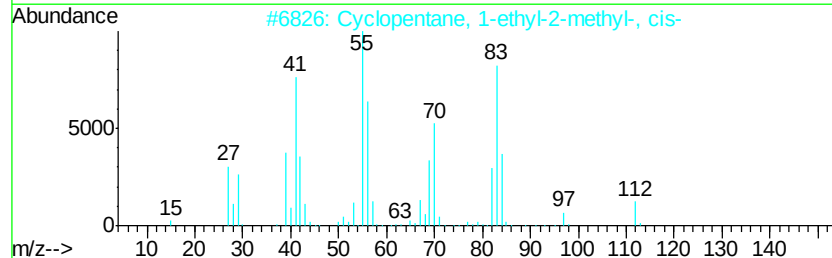
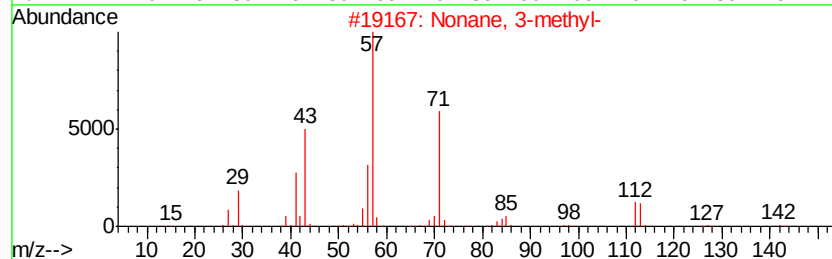
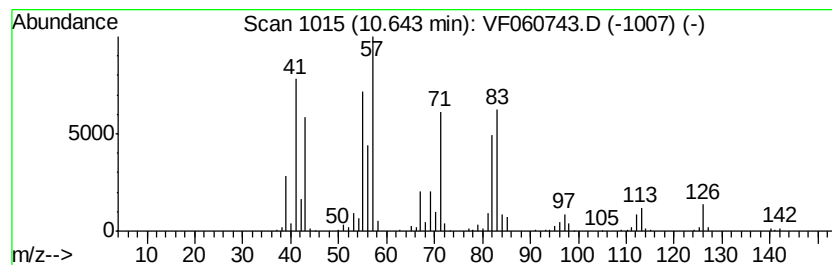
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 8 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.64	182.39 ug/l	571877	Chlorobenzene-d5	9.74		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
2		Cyclopentane, 1-ethyl-2-methyl-, ...	112	C8H16	000930-89-2	43
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	41
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

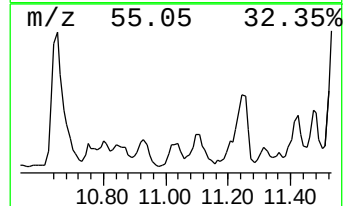
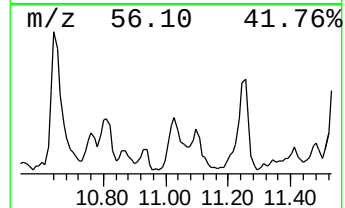
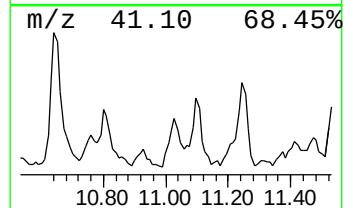
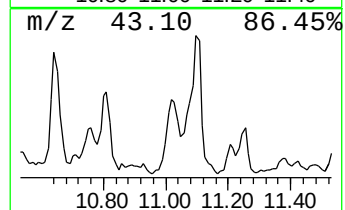
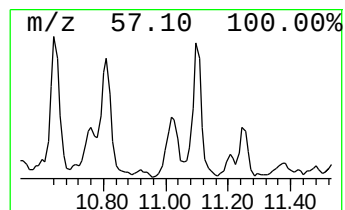
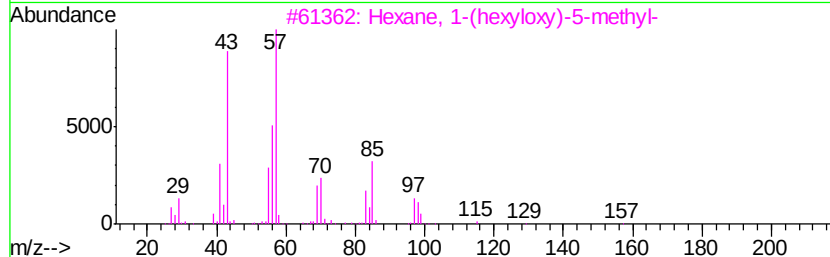
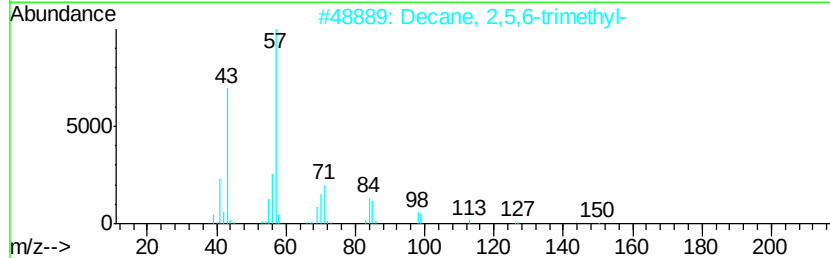
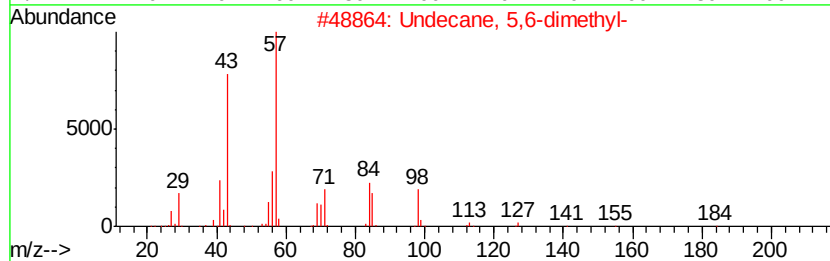
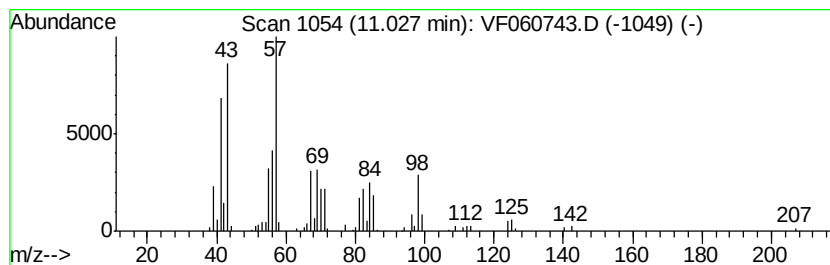
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Quant Title : SW846 8260

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

Peak Number 9 Undecane, 5,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	62.39 ug/l	195628	Chlorobenzene-d5	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
3		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	38
4		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	35
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

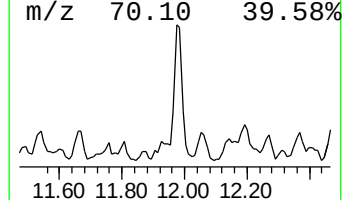
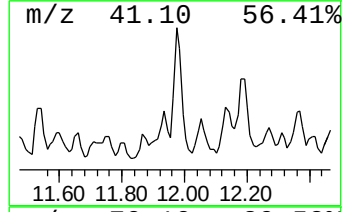
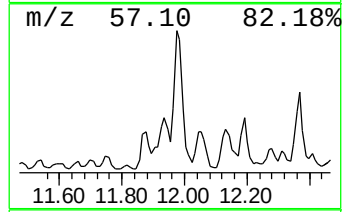
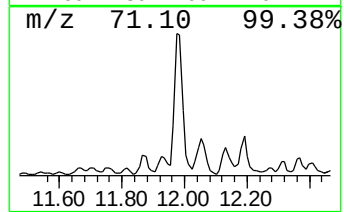
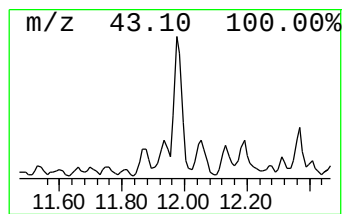
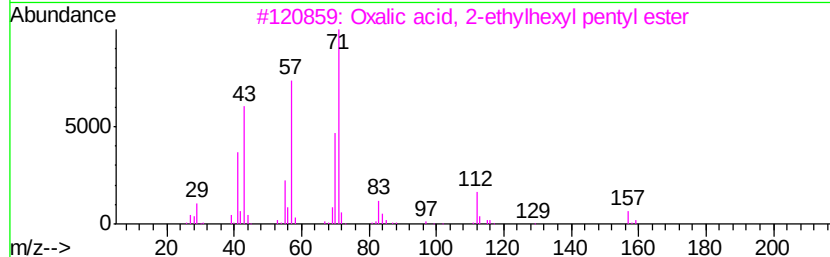
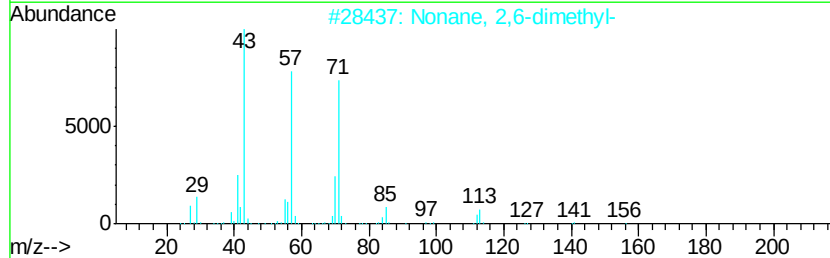
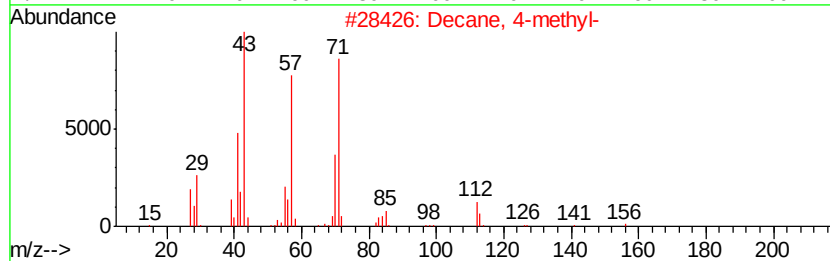
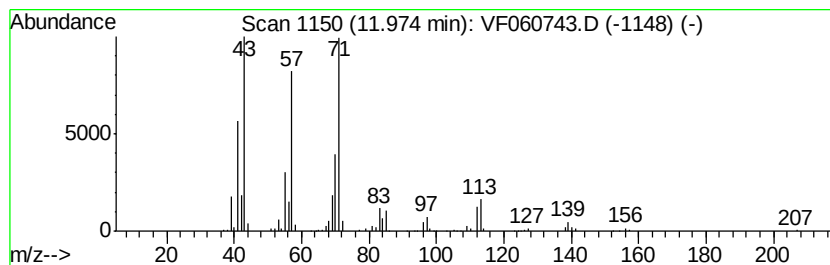
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 10 Decane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	78.14 ug/l	427972	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
3		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
4		Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	64
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF111518\
Data File : VF060743.D
Acq On : 15 Nov 2018 13:29
Operator : VA/AP
Sample : J5925-05
Misc : 17.98g/5mL/MSV0A-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
TP-1D1

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_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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2-Ethylacridine	6.56	262.0	ug/l	79279	2	5.56	15130	50.0
unknown6.63	6.63	188.7	ug/l	57090	2	5.56	15130	50.0
Cyclohexane, ethyl-	8.43	67.7	ug/l	212294	3	9.74	156773	50.0
cis-1-Ethyl-3-met...	10.21	97.2	ug/l	304851	3	9.74	156773	50.0
4-Methyl-2-pentyne	10.49	96.5	ug/l	302663	3	9.74	156773	50.0
Nonane, 3-methyl-	10.64	182.4	ug/l	571877	3	9.74	156773	50.0
Undecane, 5,6-dim...	11.03	62.4	ug/l	195628	3	9.74	156773	50.0
Decane, 4-methyl-	11.97	78.1	ug/l	427972	4	12.55	273833	50.0