

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061773.D
 Acq On : 27 Feb 2019 18:30
 Operator : VA/AP
 Sample : K1353-05
 Misc : 7.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-C

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\82F021319S.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	1.072	40	45	47	rBV	16215	32645	1.37%	0.224%
2	2.235	159	163	171	rVV3	13995	47637	2.01%	0.327%
3	2.373	173	177	182	rVB4	9781	26081	1.10%	0.179%
4	4.020	337	344	346	rBV3	16367	57762	2.43%	0.397%
5	4.099	346	352	362	rVB	189177	594188	25.02%	4.081%
6	4.858	421	429	442	rBV2	350957	1168896	49.21%	8.028%
7	5.588	496	503	515	rBV	438077	1163992	49.01%	7.995%
8	7.540	695	701	705	rBV	461975	1166530	49.11%	8.012%
9	7.609	705	708	720	rVB	1008080	2375232	100.00%	16.314%
10	8.102	757	758	760	rVB	49461	31554	1.33%	0.217%
11	9.769	921	927	935	rBV	513402	1169513	49.24%	8.033%
12	9.877	936	938	946	rVB4	9551	23764	1.00%	0.163%
13	10.114	957	962	968	rVB	20618	47204	1.99%	0.324%
14	10.706	1018	1022	1027	rVB	14069	27557	1.16%	0.189%
15	10.834	1030	1035	1040	rBV2	38263	81527	3.43%	0.560%
16	11.209	1070	1073	1076	rVV3	19799	38045	1.60%	0.261%
17	11.406	1088	1093	1100	rBV	456409	823136	34.65%	5.654%
18	11.583	1105	1111	1116	rVV2	58371	140367	5.91%	0.964%
19	11.712	1120	1124	1128	rVV	115667	239526	10.08%	1.645%
20	11.820	1131	1135	1138	rBV	100273	162062	6.82%	1.113%
21	12.007	1150	1154	1158	rBV2	80108	144917	6.10%	0.995%
22	12.195	1169	1173	1177	rBV	290051	420359	17.70%	2.887%
23	12.274	1178	1181	1188	rVB3	70562	159006	6.69%	1.092%
24	12.451	1193	1199	1205	rBV	674402	982065	41.35%	6.745%
25	12.540	1205	1208	1212	rVV	683811	1025481	43.17%	7.043%
26	12.599	1212	1214	1218	rVB	81102	113788	4.79%	0.782%
27	12.727	1223	1227	1229	rBV2	28829	54459	2.29%	0.374%
28	12.767	1229	1231	1233	rVV	72445	104076	4.38%	0.715%
29	12.826	1233	1237	1241	rVB3	62325	148308	6.24%	1.019%
30	12.895	1241	1244	1249	rBV2	23985	40787	1.72%	0.280%
31	12.993	1252	1254	1259	rVB	25510	39937	1.68%	0.274%
32	13.082	1259	1263	1267	rBV	28277	71287	3.00%	0.490%
33	13.141	1267	1269	1272	rBV	27047	42863	1.80%	0.294%
34	13.279	1278	1283	1286	rBV	16157	26987	1.14%	0.185%

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Sampling : 1
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	13.703	1322	1326	1331	rBV	83509	131945	5.56%	0.906%
36	13.841	1331	1340	1344	rVV2	66273	167172	7.04%	1.148%
37	13.910	1344	1347	1349	rVB4	16961	32985	1.39%	0.227%
38	14.009	1354	1357	1358	rBV2	15369	23869	1.00%	0.164%
39	14.137	1364	1370	1372	rBV3	58757	175352	7.38%	1.204%
40	14.177	1372	1374	1375	rVV	51089	72685	3.06%	0.499%
41	14.206	1375	1377	1379	rVV	68394	98013	4.13%	0.673%
42	14.265	1381	1383	1384	rVV	48624	64546	2.72%	0.443%
43	14.295	1384	1386	1389	rVV	108337	153982	6.48%	1.058%
44	14.344	1389	1391	1395	rVB4	24051	51129	2.15%	0.351%
45	14.453	1395	1402	1404	rBV	179862	273578	11.52%	1.879%
46	14.551	1410	1412	1415	rBV2	19035	37440	1.58%	0.257%
47	14.601	1415	1417	1420	rVB3	21450	34006	1.43%	0.234%
48	14.808	1435	1438	1441	rBV4	34081	79614	3.35%	0.547%
49	14.857	1441	1443	1445	rVV3	30252	50707	2.13%	0.348%
50	14.897	1445	1447	1450	rVV2	51698	72024	3.03%	0.495%
51	14.946	1450	1452	1454	rVB	28248	30710	1.29%	0.211%
52	15.005	1456	1458	1465	rVB	66631	94242	3.97%	0.647%
53	15.113	1465	1469	1471	rBV	37177	55465	2.34%	0.381%
54	15.163	1471	1474	1476	rVV3	25620	34356	1.45%	0.236%
55	15.557	1511	1514	1516	rVB3	25123	34253	1.44%	0.235%

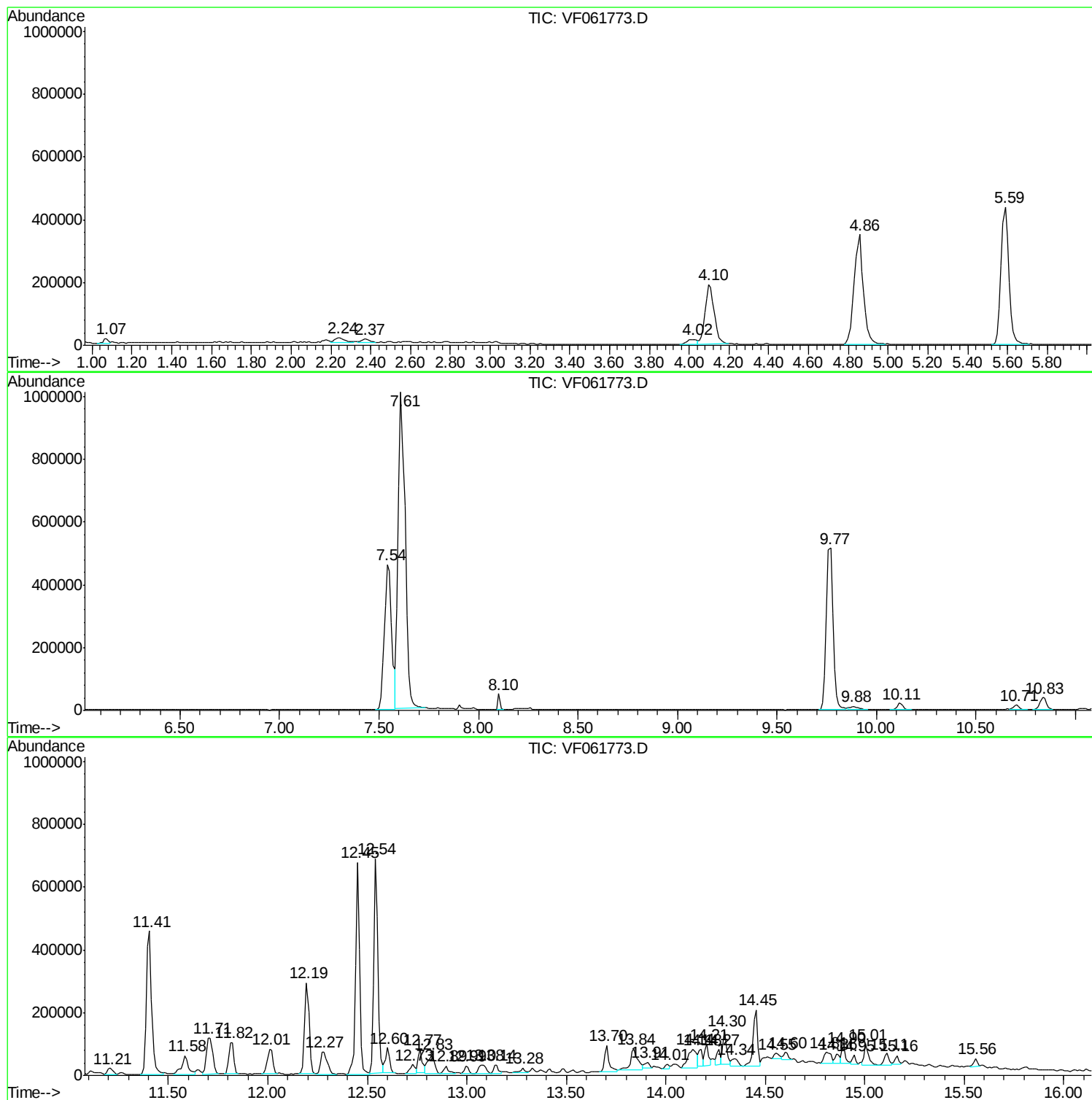
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Quant Title : SW846 8260

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



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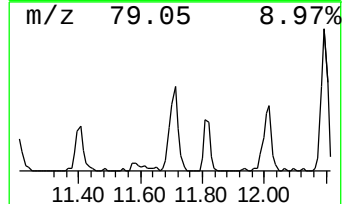
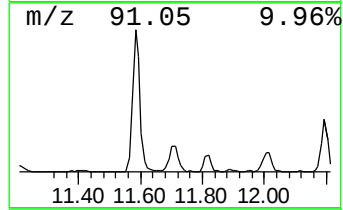
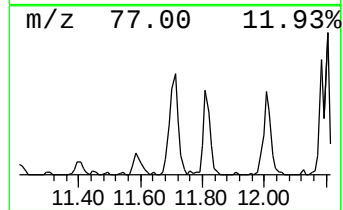
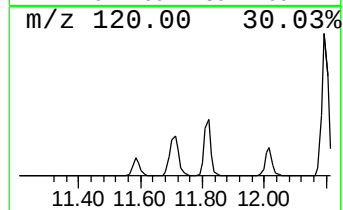
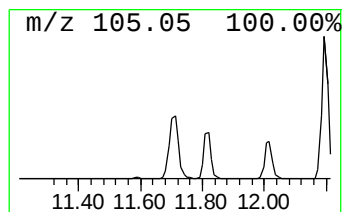
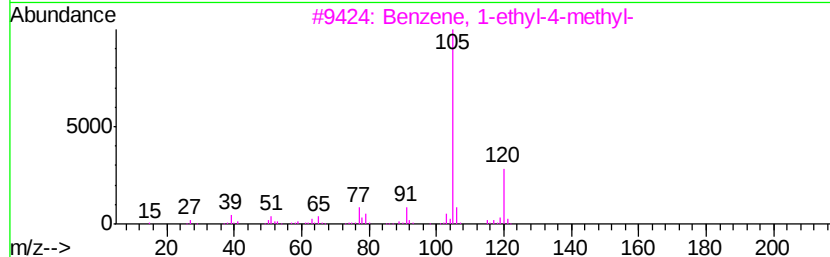
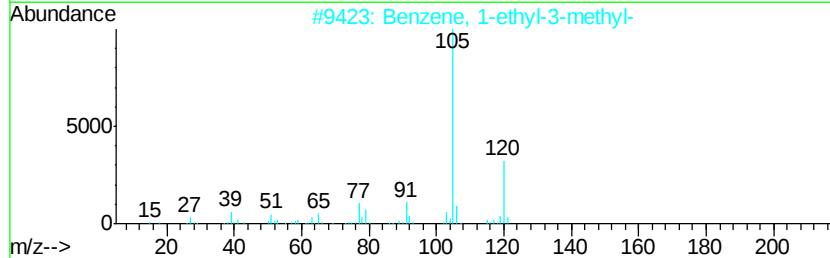
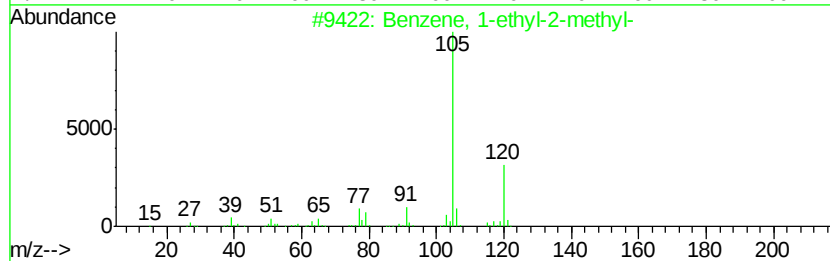
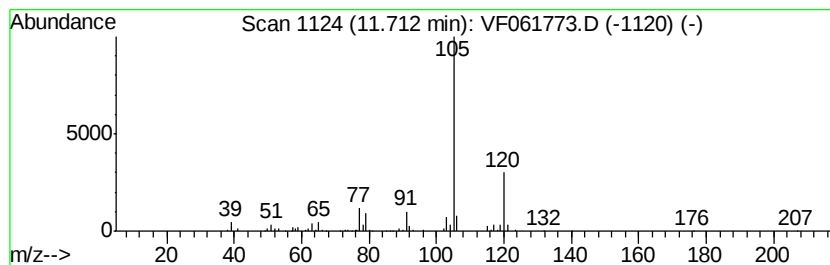
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	11.68 ug/l	239526	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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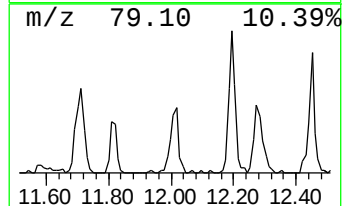
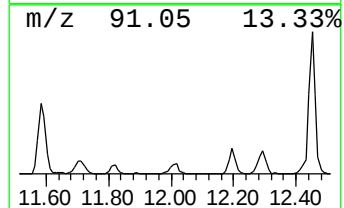
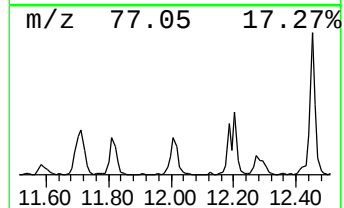
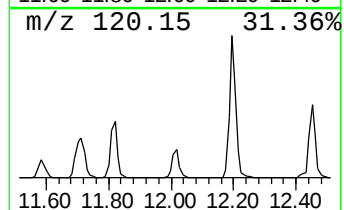
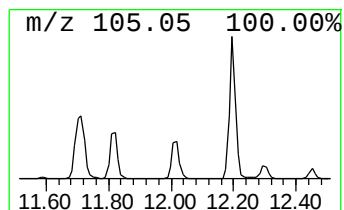
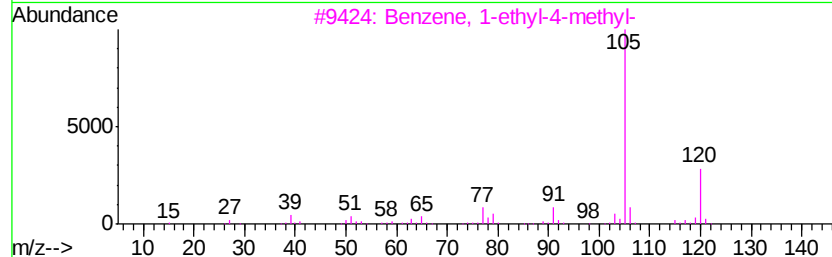
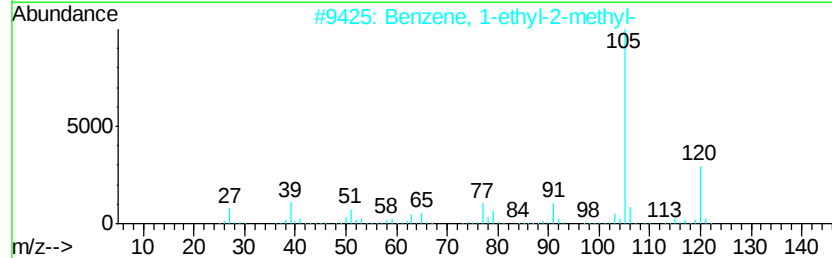
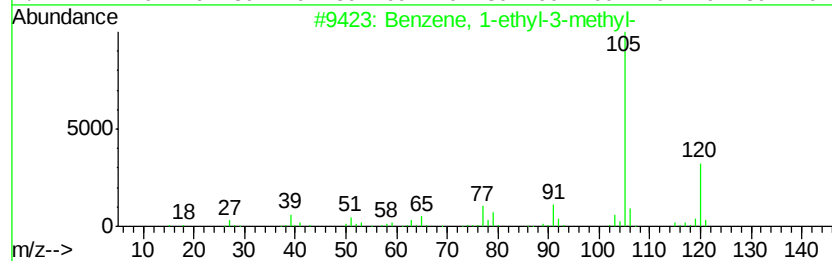
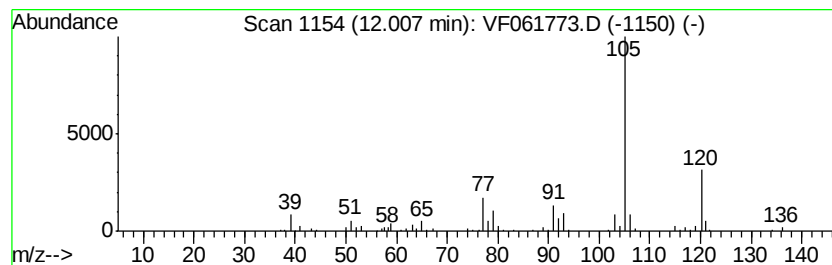
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	7.07 ug/l	144917	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4		Mesitylene	120	C9H12	000108-67-8	83
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83



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Misc : 7.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

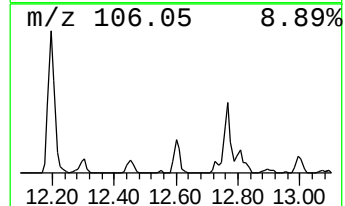
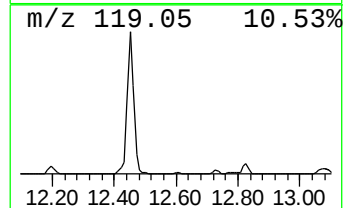
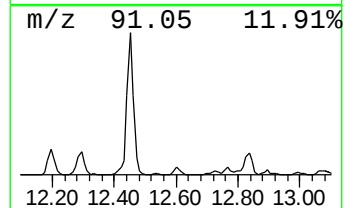
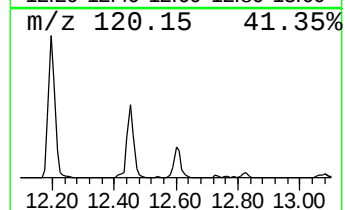
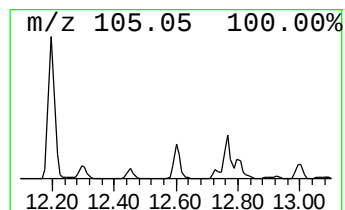
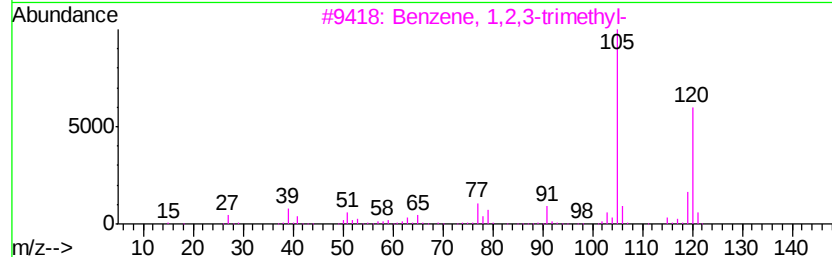
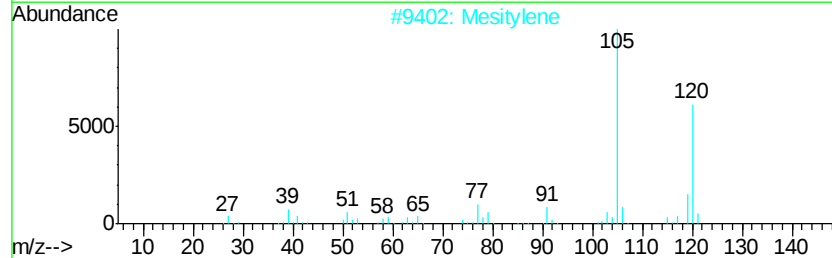
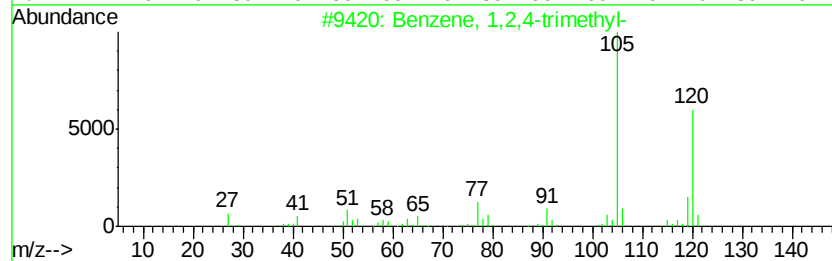
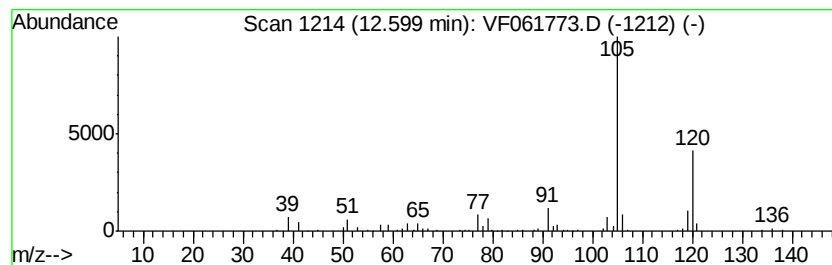
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	5.55 ug/l	113788	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 94
2		Mesitylene	120 C9H12	000108-67-8 94
3		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 91
4		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 90
5		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 87



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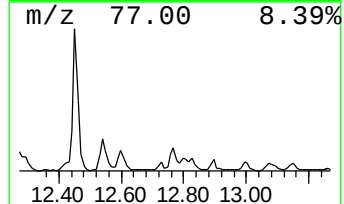
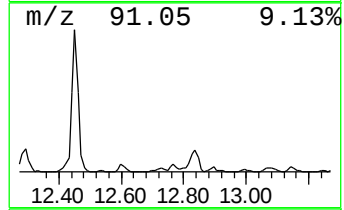
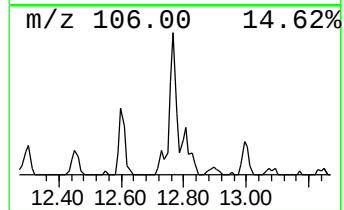
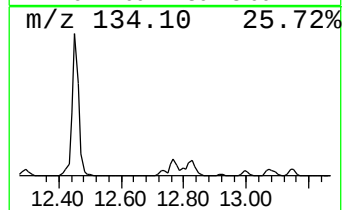
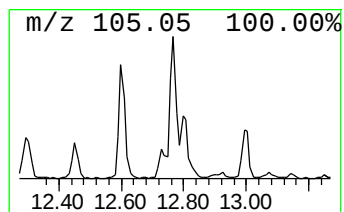
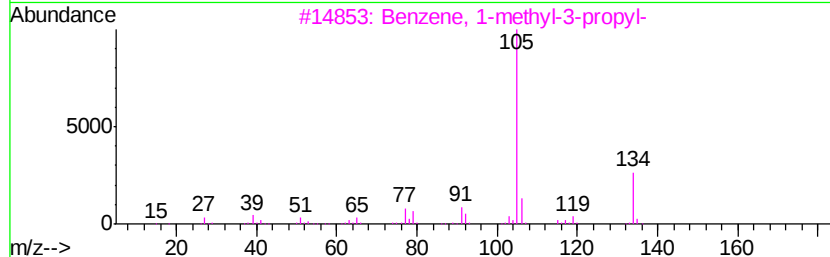
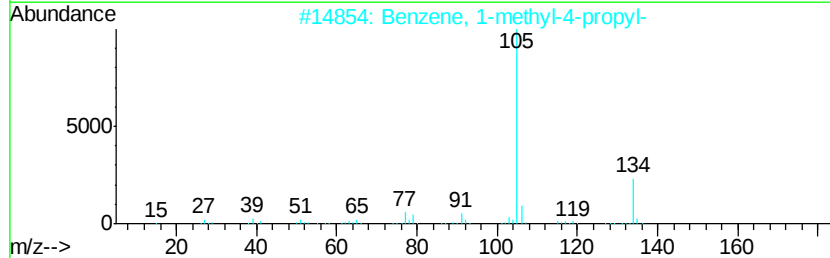
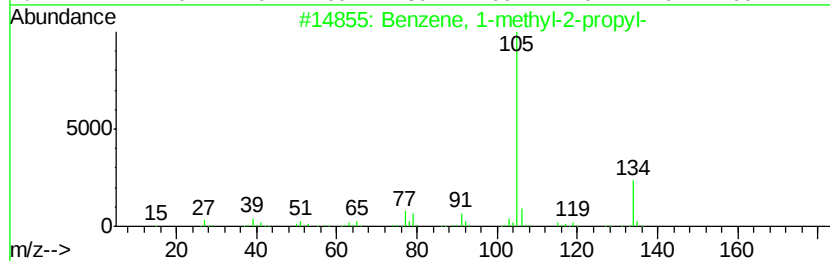
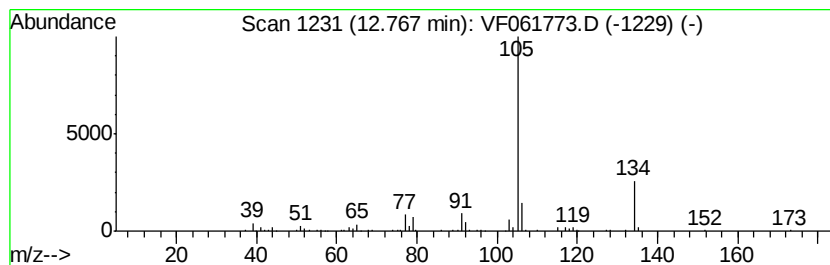
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-2-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.07 ug/l	104076	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59



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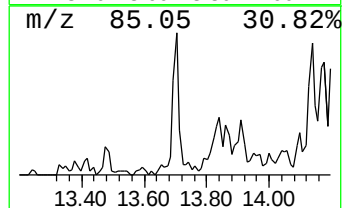
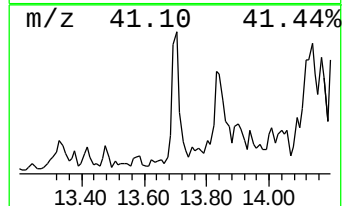
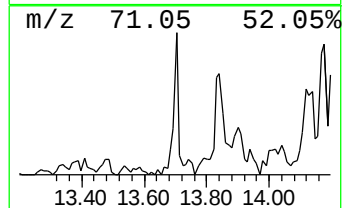
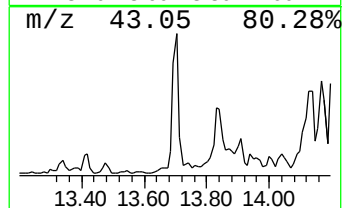
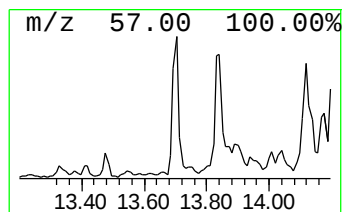
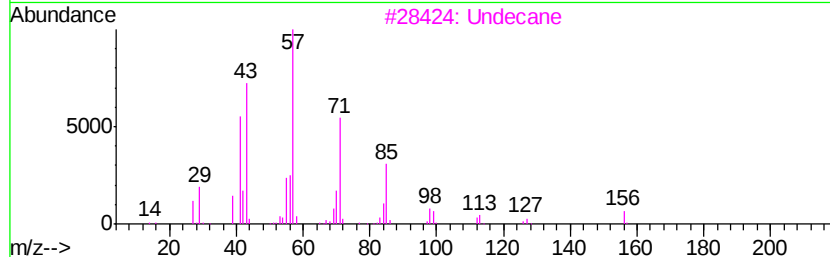
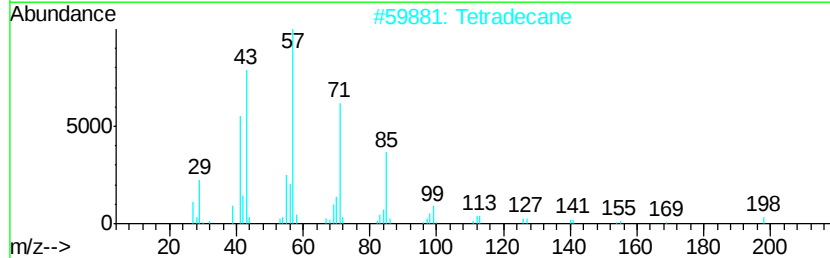
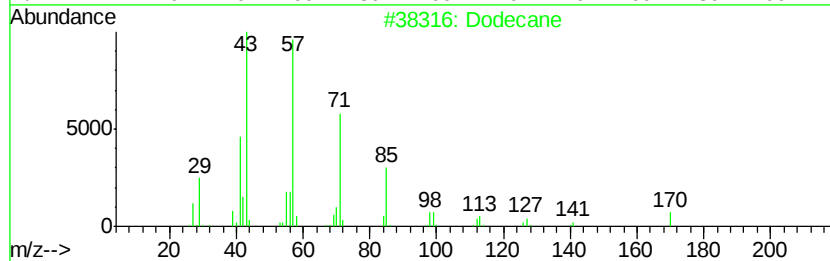
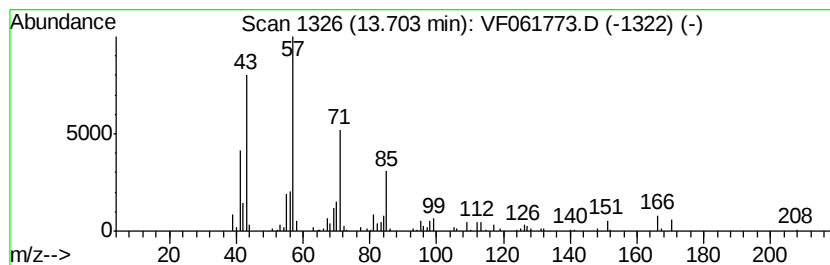
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	6.43 ug/l	131945	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Tetradecane	198	C14H30	000629-59-4	83
3		Undecane	156	C11H24	001120-21-4	80
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061773.D
Acq On : 27 Feb 2019 18:30
Operator : VA/AP
Sample : K1353-05
Misc : 7.00q/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

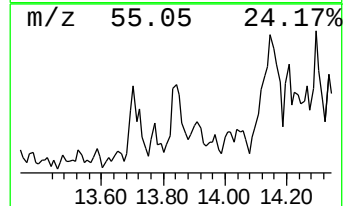
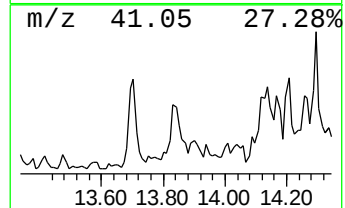
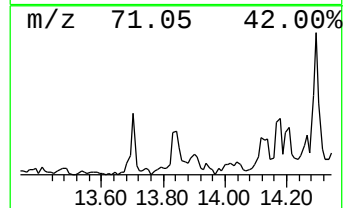
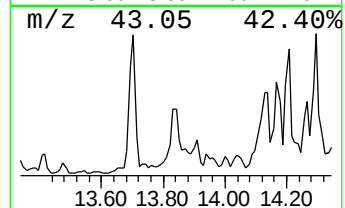
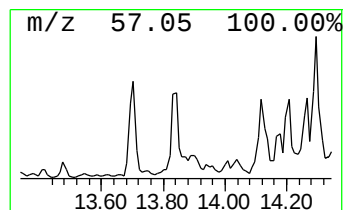
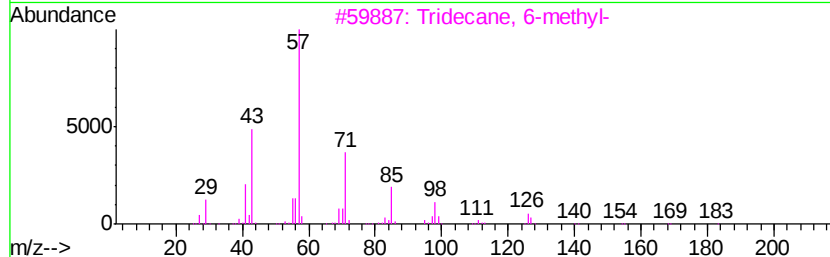
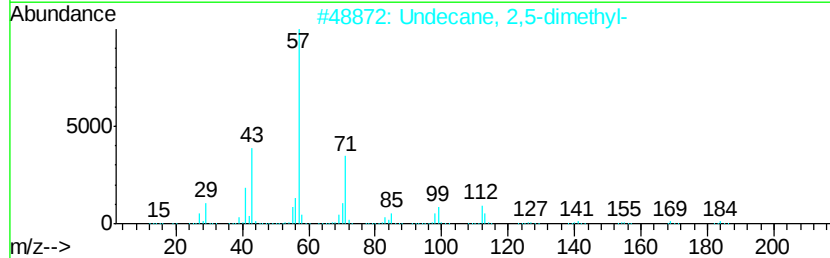
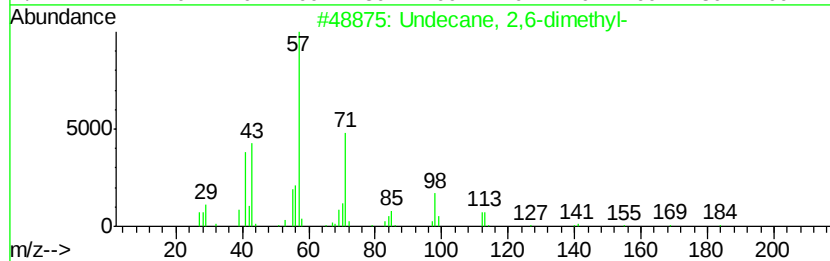
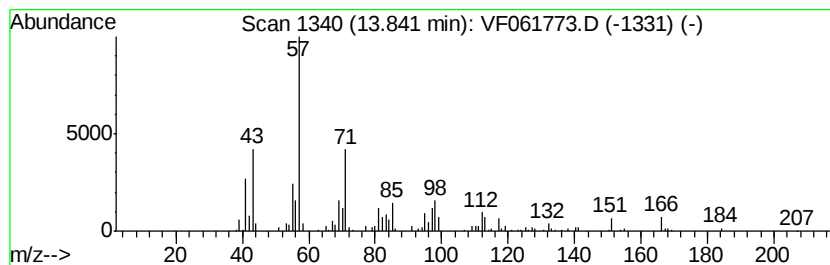
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MSVOA_F
ClientSampleId :
PL-02-022619-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.15 ug/l	167172	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	70
2	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	64
3	Tridecane, 6-methyl-	198 C14H30	013287-21-3	53
4	Sulfurous acid, butyl octyl ester	250 C12H26O3S	1000309-17-5	49
5	Tridecane	184 C13H28	000629-50-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF022719\
 Data File : VF061773.D
 Acq On : 27 Feb 2019 18:30
 Operator : VA/AP
 Sample : K1353-05
 Misc : 7.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-C

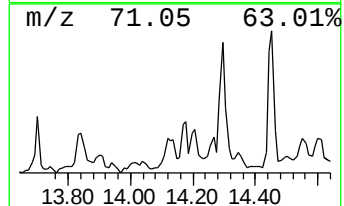
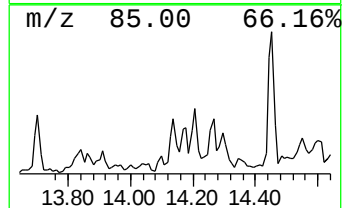
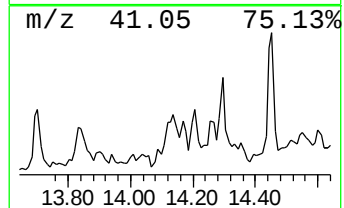
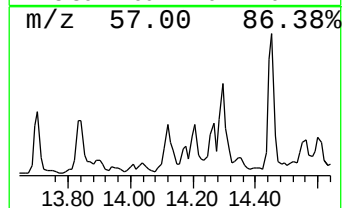
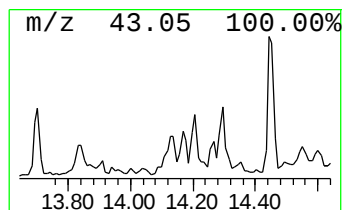
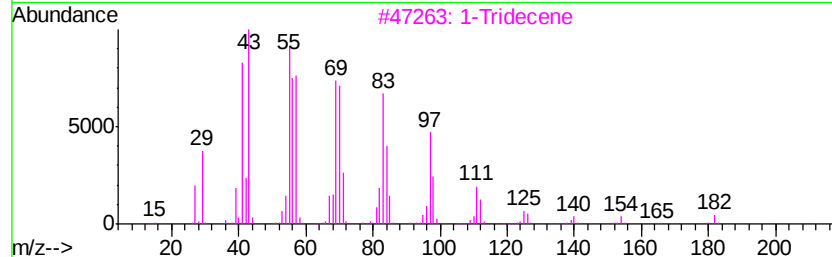
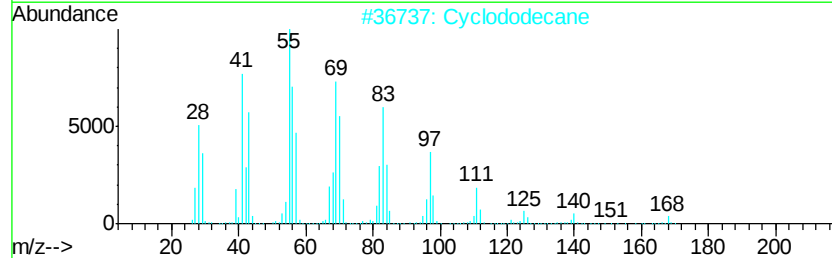
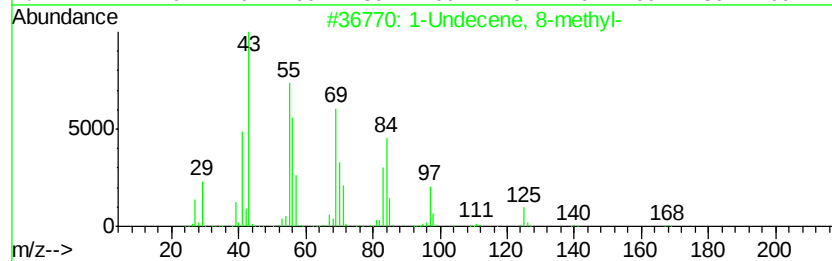
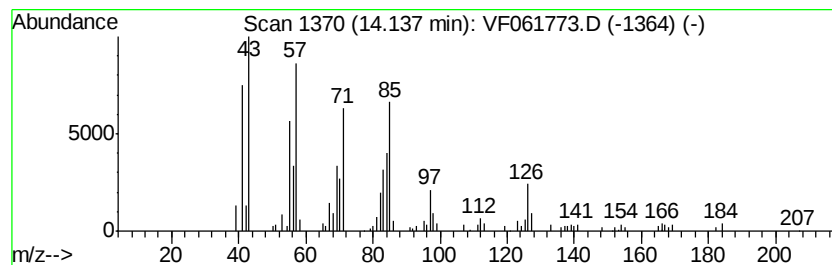
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 Quant Title : SW846 8260

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

 Peak Number 7 unknown14.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	8.55 ug/l	175352	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	38
2		Cyclododecane	168	C12H24	000294-62-2	38
3		1-Tridecene	182	C13H26	002437-56-1	35
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	35
5		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061773.D
Acq On : 27 Feb 2019 18:30
Operator : VA/AP
Sample : K1353-05
Misc : 7.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

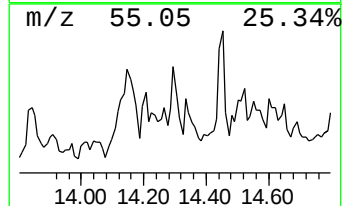
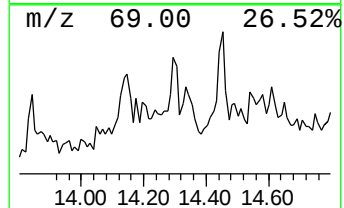
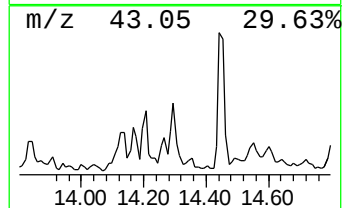
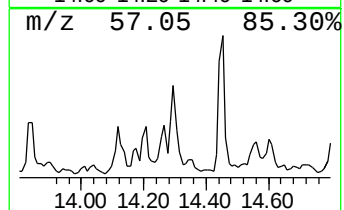
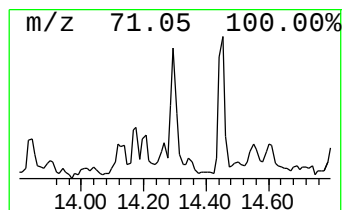
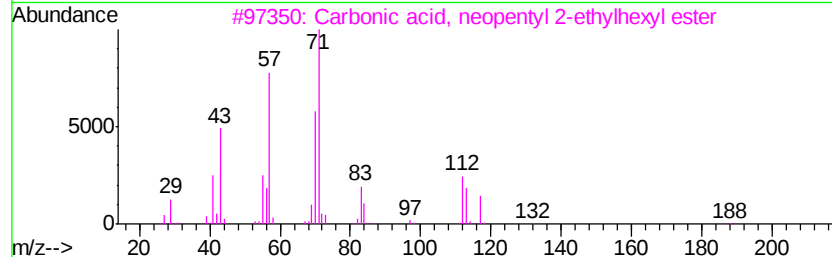
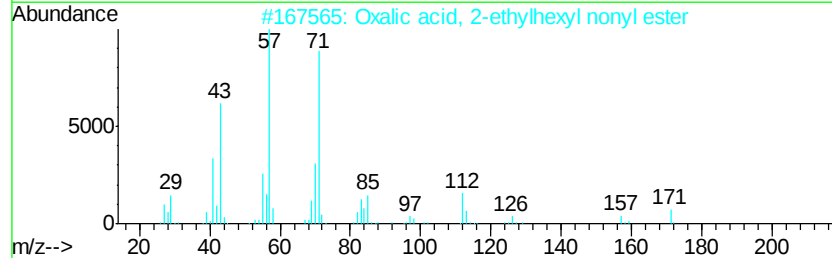
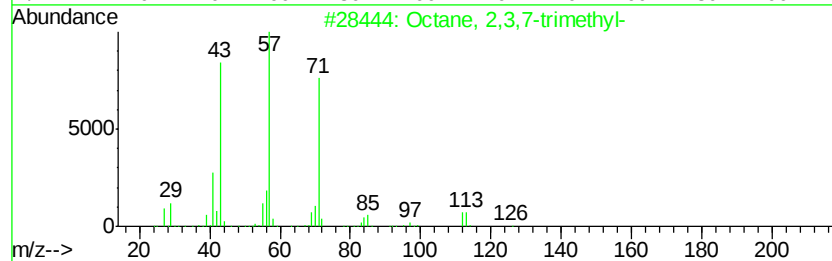
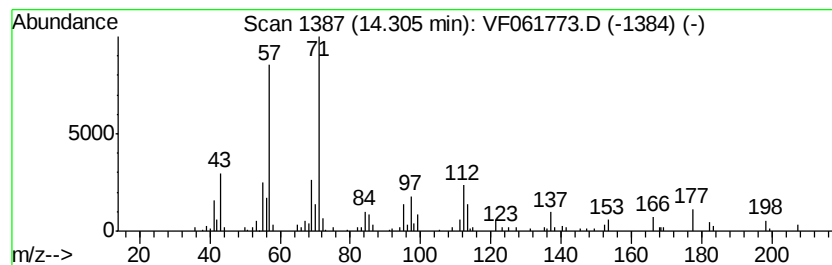
Instrument :
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ClientSampleId :
PL-02-022619-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 8 Octane, 2,3,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	7.51 ug/l	153982	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6 78
2		Oxalic acid, 2-ethylhexyl nonyl ...	328 C19H36O4	1000309-39-2 72
3		Carbonic acid, neopentyl 2-ethyl...	244 C14H28O3	1000357-85-7 72
4		Heptane, 5-ethyl-2-methyl-	142 C10H22	013475-78-0 64
5		Tridecane, 7-methyl-	198 C14H30	026730-14-3 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF022719\
Data File : VF061773.D
Acq On : 27 Feb 2019 18:30
Operator : VA/AP
Sample : K1353-05
Misc : 7.00q/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-C

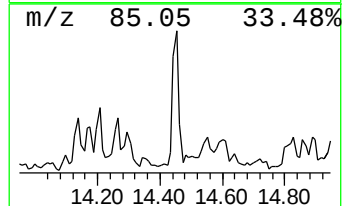
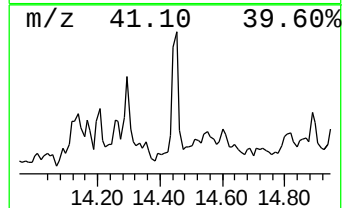
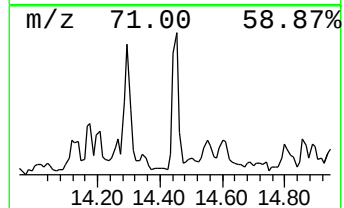
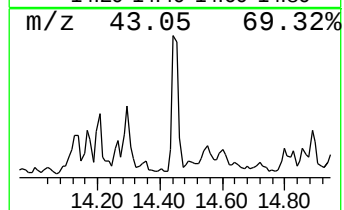
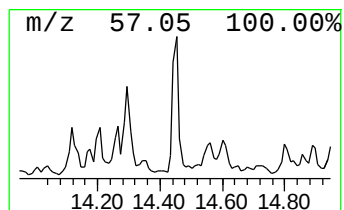
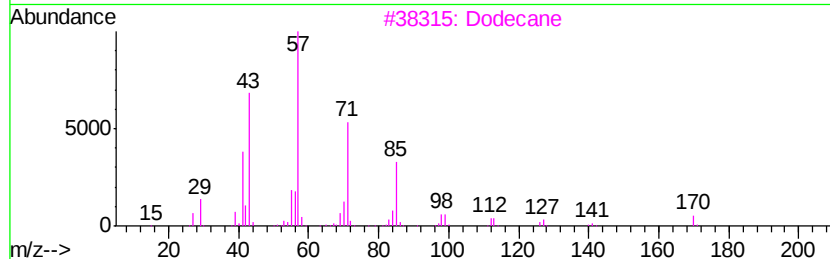
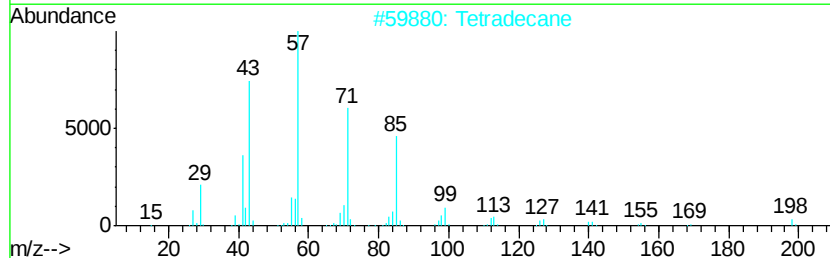
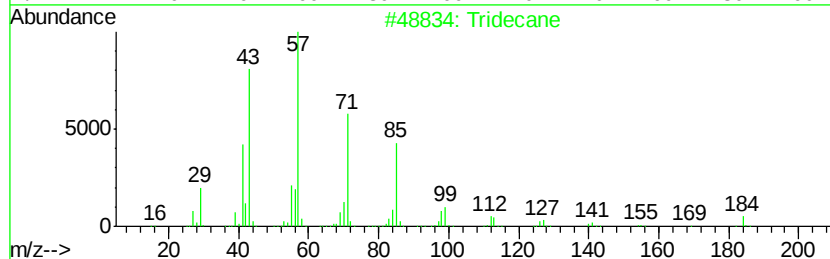
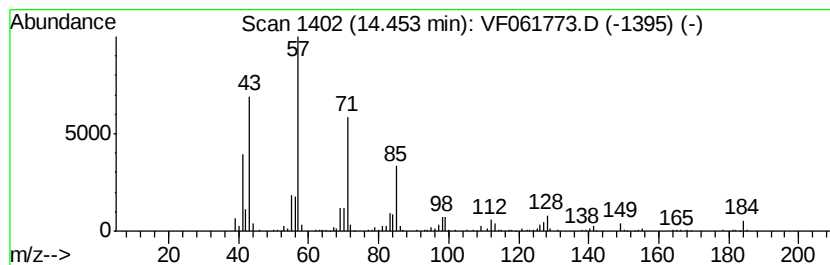
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	13.34 ug/l	273578	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	98
2		Tetradecane	198	C14H30	000629-59-4	83
3		Dodecane	170	C12H26	000112-40-3	80
4		Hexadecane	226	C16H34	000544-76-3	72
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022719\
Data File : VF061773.D
Acq On : 27 Feb 2019 18:30
Operator : VA/AP
Sample : K1353-05
Misc : 7.00g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-022619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.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
Benzene, 1-ethyl-...	11.71	11.7	ug/l	239526	4	12.54	1025480	50.0
Benzene, 1-ethyl-...	12.01	7.1	ug/l	144917	4	12.54	1025480	50.0
Benzene, 1,2,4-tr...	12.60	5.5	ug/l	113788	4	12.54	1025480	50.0
Benzene, 1-methyl...	12.77	5.1	ug/l	104076	4	12.54	1025480	50.0
Dodecane	13.70	6.4	ug/l	131945	4	12.54	1025480	50.0
Undecane, 2,6-dim...	13.84	8.2	ug/l	167172	4	12.54	1025480	50.0
unknown14.14	14.14	8.6	ug/l	175352	4	12.54	1025480	50.0
Octane, 2,3,7-tri...	14.30	7.5	ug/l	153982	4	12.54	1025480	50.0
Tridecane	14.45	13.3	ug/l	273578	4	12.54	1025480	50.0