

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060246.D
 Acq On : 10 Sep 2018 20:28
 Operator : VA/AP
 Sample : J4774-01
 Misc : 6.80/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-090618

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\82F090618S.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	1.089	43	46	51	rVB2	9059	13014	1.36%	0.162%
2	1.365	69	74	77	rBV5	5366	15159	1.58%	0.188%
3	2.272	163	166	169	rBV4	4793	10937	1.14%	0.136%
4	2.341	169	173	179	rVB	22973	59105	6.16%	0.735%
5	2.488	184	188	192	rVB2	5301	12817	1.34%	0.159%
6	4.164	350	358	365	rBV	11840	45197	4.71%	0.562%
7	4.302	365	372	382	rVB2	91187	279514	29.14%	3.474%
8	5.041	439	447	458	rBV2	252829	862428	89.92%	10.718%
9	5.771	515	521	531	rBV	247240	655113	68.30%	8.141%
10	7.713	712	718	731	rBV	292009	699994	72.98%	8.699%
11	8.413	785	789	797	rVB5	3280	10053	1.05%	0.125%
12	9.635	910	913	917	rBV3	4458	11015	1.15%	0.137%
13	9.921	937	942	951	rBV	390391	885214	92.29%	11.001%
14	10.039	951	954	961	rVB5	6767	18230	1.90%	0.227%
15	10.276	974	978	982	rVB2	8668	16537	1.72%	0.206%
16	10.364	982	987	993	rBV4	5019	15723	1.64%	0.195%
17	10.650	1013	1016	1022	rVB5	5517	13313	1.39%	0.165%
18	10.798	1025	1031	1032	rBV2	10720	24647	2.57%	0.306%
19	10.828	1032	1034	1038	rVB2	8118	15148	1.58%	0.188%
20	11.163	1064	1068	1072	rBV5	6252	14149	1.48%	0.176%
21	11.281	1077	1080	1082	rVV4	5096	9720	1.01%	0.121%
22	11.389	1085	1091	1097	rVB5	11205	37208	3.88%	0.462%
23	11.518	1099	1104	1115	rBV	342063	662307	69.05%	8.231%
24	11.646	1115	1117	1120	rVV4	9960	20123	2.10%	0.250%
25	11.695	1120	1122	1126	rVB2	5931	11332	1.18%	0.141%
26	11.813	1131	1134	1137	rVV3	13603	29006	3.02%	0.360%
27	11.912	1141	1144	1149	rVB	38560	58436	6.09%	0.726%
28	12.079	1158	1161	1170	rVB4	18596	45285	4.72%	0.563%
29	12.286	1179	1182	1187	rVV	40234	73788	7.69%	0.917%
30	12.513	1202	1205	1207	rBV2	19997	33497	3.49%	0.416%
31	12.631	1213	1217	1221	rBV	616664	959135	100.00%	11.920%
32	12.691	1221	1223	1229	rVV	86294	145390	15.16%	1.807%
33	12.819	1233	1236	1237	rVV	21772	35007	3.65%	0.435%
34	12.848	1237	1239	1242	rVV	30090	54211	5.65%	0.674%

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Integrator: RTE
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35	12.907	1242	1245	1252	rVV	79214	142209	14.83%	1.767%
36	13.006	1252	1255	1259	rVV4	18662	37004	3.86%	0.460%
37	13.085	1259	1263	1267	rVV	29979	57629	6.01%	0.716%
38	13.174	1267	1272	1275	rVV2	31526	82272	8.58%	1.022%
39	13.233	1275	1278	1283	rVV	69012	143301	14.94%	1.781%
40	13.321	1283	1287	1289	rVV3	29966	67136	7.00%	0.834%
41	13.361	1289	1291	1293	rVV3	20766	39202	4.09%	0.487%
42	13.400	1293	1295	1298	rVV2	18744	36783	3.84%	0.457%
43	13.450	1298	1300	1302	rVV2	19244	34138	3.56%	0.424%
44	13.499	1302	1305	1309	rVV2	48423	108482	11.31%	1.348%
45	13.568	1309	1312	1314	rVV	56204	85610	8.93%	1.064%
46	13.607	1314	1316	1319	rVV	101696	162689	16.96%	2.022%
47	13.686	1322	1324	1329	rVB2	23788	54635	5.70%	0.679%
48	13.775	1329	1333	1336	rBV3	35402	61963	6.46%	0.770%
49	13.844	1336	1340	1343	rVV	176176	297274	30.99%	3.694%
50	13.903	1343	1346	1349	rVV	160554	390554	40.72%	4.854%
51	13.982	1353	1354	1357	rVV	26190	33705	3.51%	0.419%
52	14.041	1357	1360	1363	rVB2	25922	39086	4.08%	0.486%
53	14.149	1366	1371	1373	rVV4	13983	25700	2.68%	0.319%
54	14.218	1373	1378	1383	rVV4	34304	107120	11.17%	1.331%
55	14.287	1383	1385	1388	rVB2	23975	35039	3.65%	0.435%
56	14.435	1395	1400	1402	rVV3	7944	14129	1.47%	0.176%
57	14.494	1404	1406	1407	rVV	7318	9616	1.00%	0.120%
58	14.544	1407	1411	1418	rVV6	13184	54811	5.71%	0.681%
59	14.672	1421	1424	1429	rVB	14988	28119	2.93%	0.349%
60	14.800	1435	1437	1441	rVB3	10564	16778	1.75%	0.209%
61	15.066	1459	1464	1467	rBV3	9205	17876	1.86%	0.222%
62	15.313	1487	1489	1495	rVB5	6050	12068	1.26%	0.150%

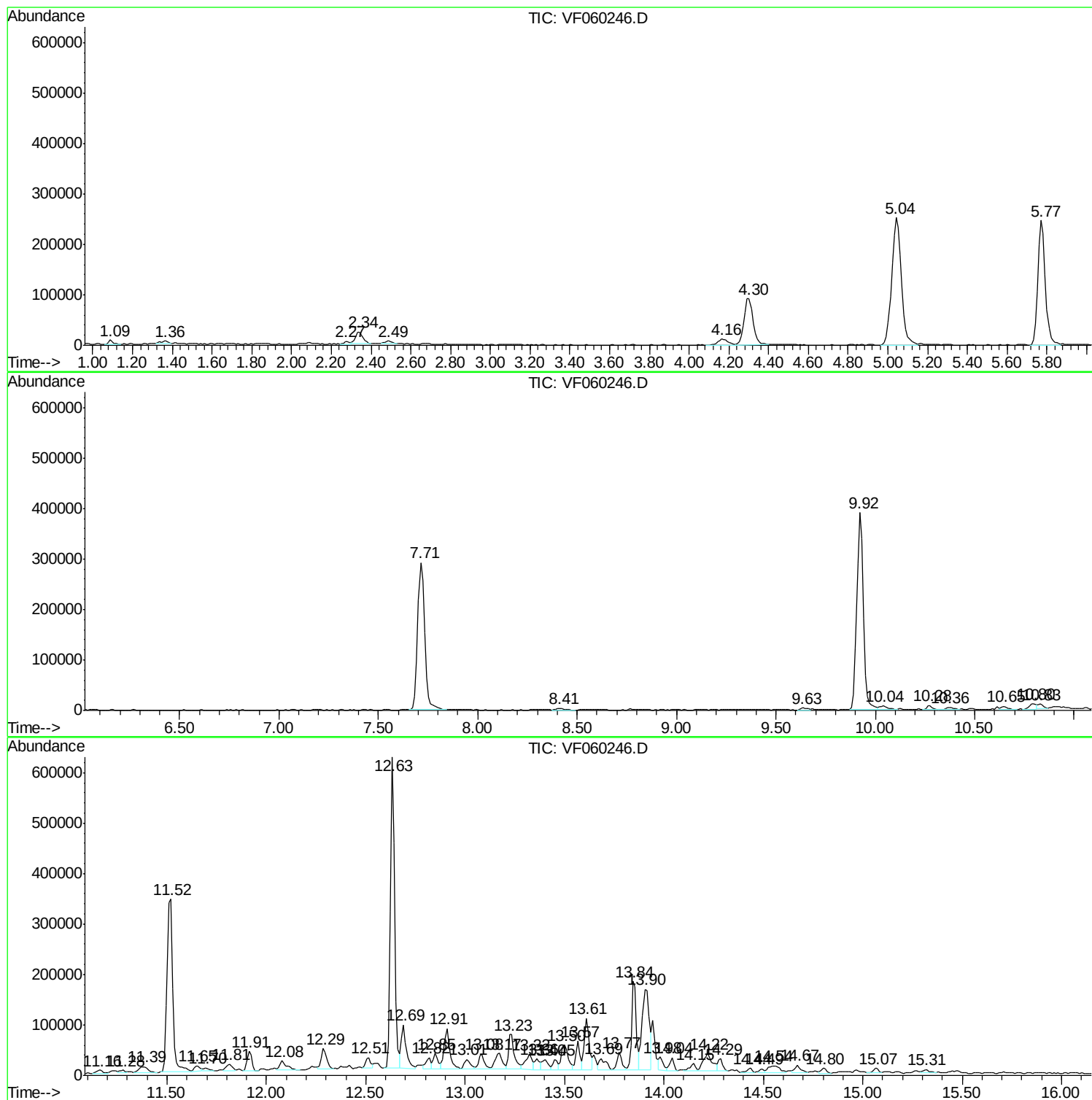
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Quant Title : SW846 8260

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



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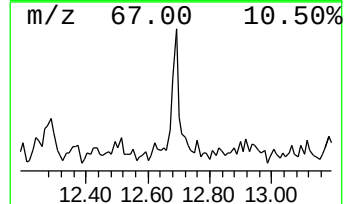
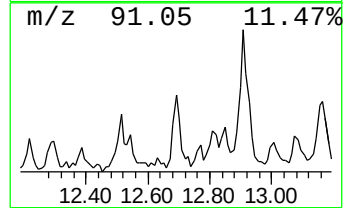
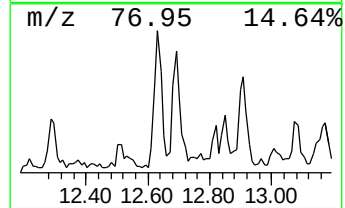
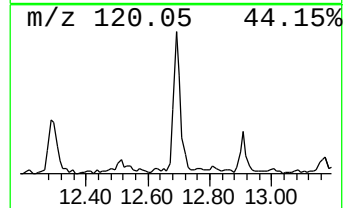
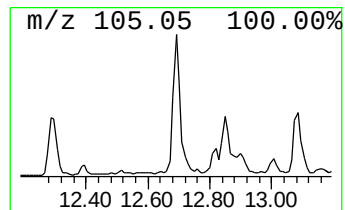
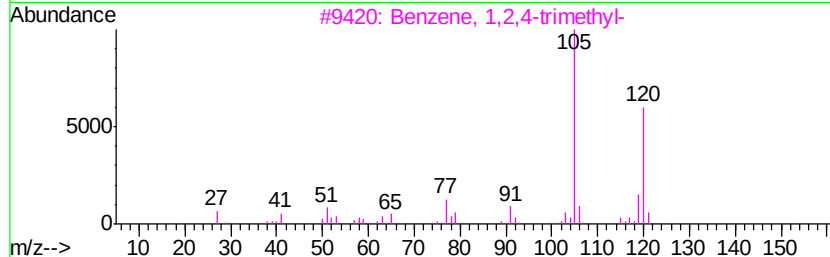
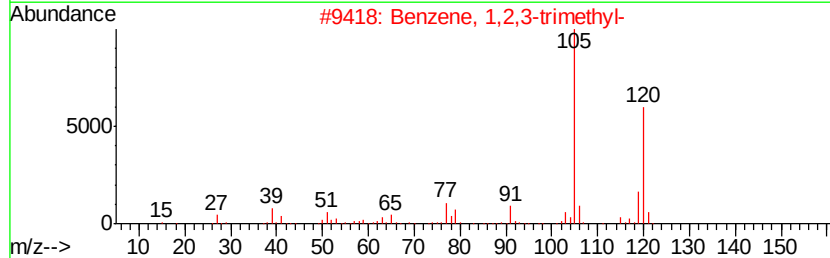
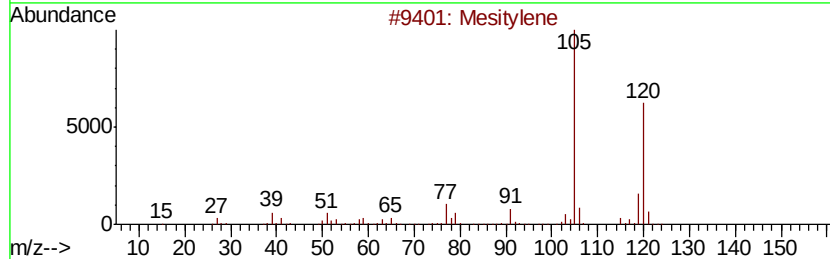
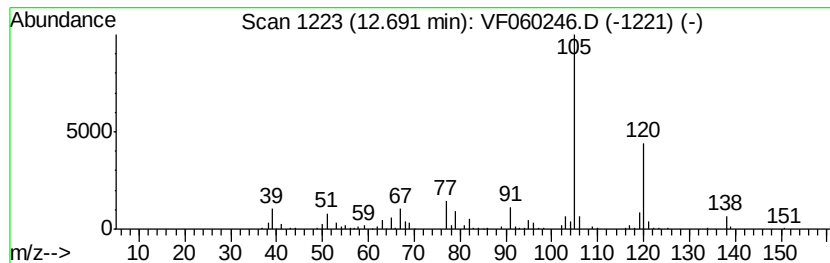
Instrument :
MSVOA_F
ClientSampleId :
OK-03-090618

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 1 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	7.58 ug/l	145390	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Mesitylene	120 C9H12	000108-67-8 90
2		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 90
3		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 90
4		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 83
5		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 83



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Misc : 6.80/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampled :
OK-03-090618

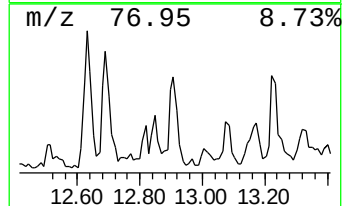
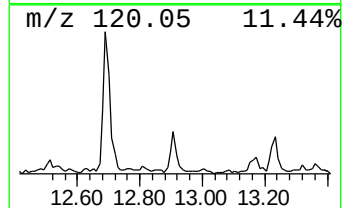
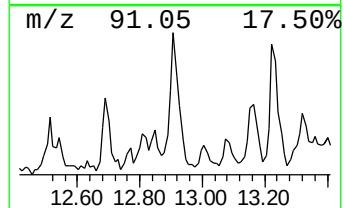
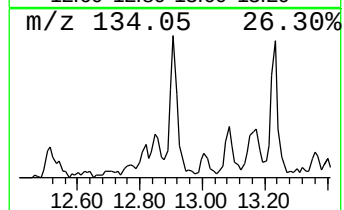
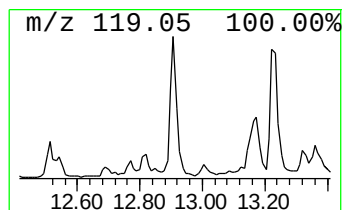
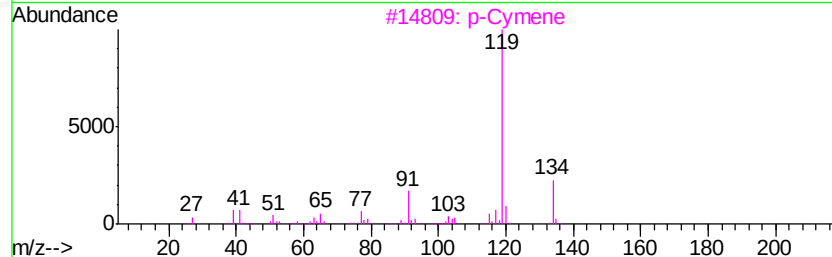
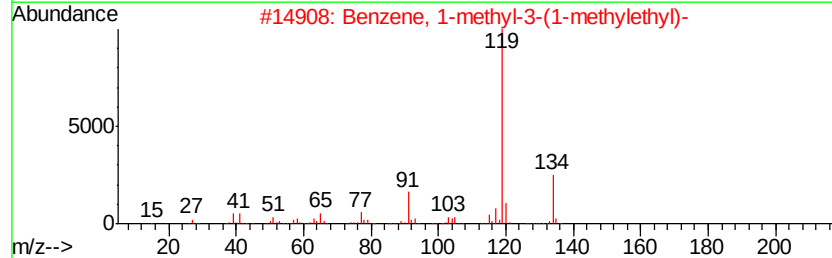
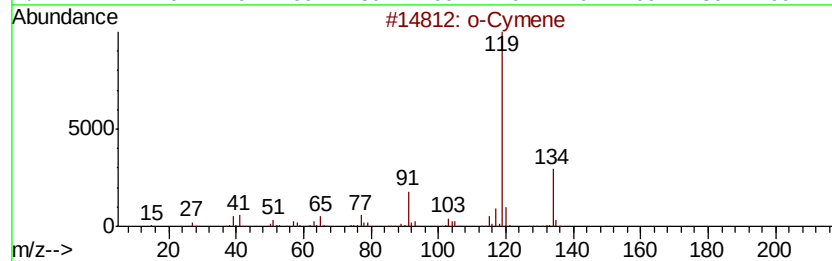
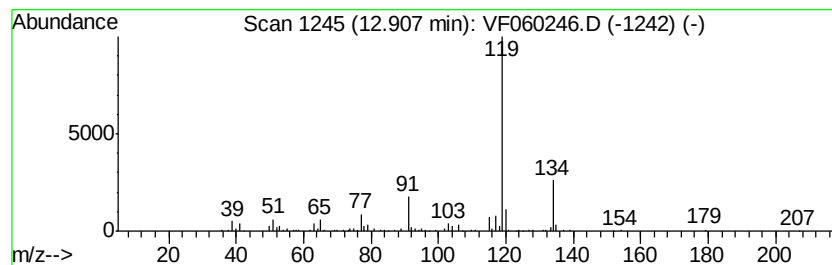
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	7.41 ug/l	142209	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3		p-Cymene	134	C10H14	000099-87-6	97
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



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Misc : 6.80/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

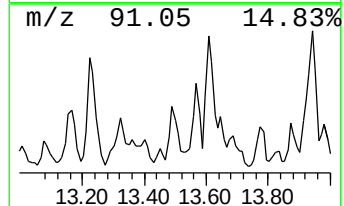
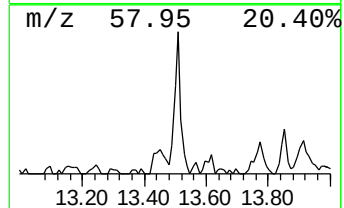
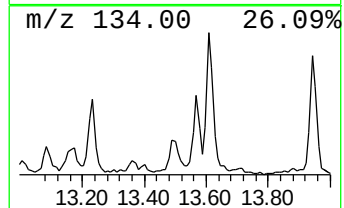
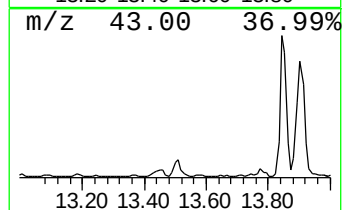
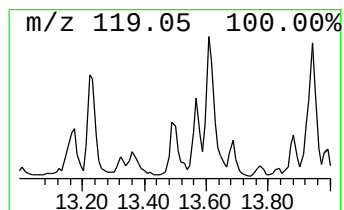
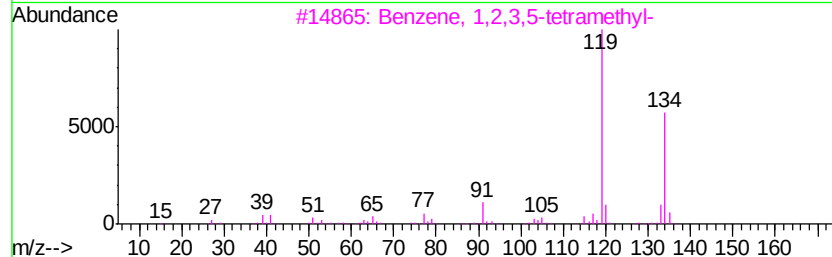
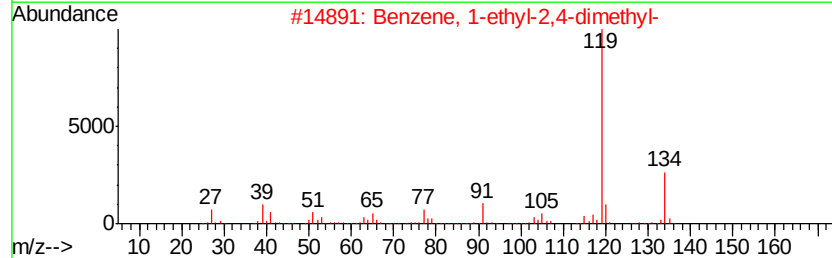
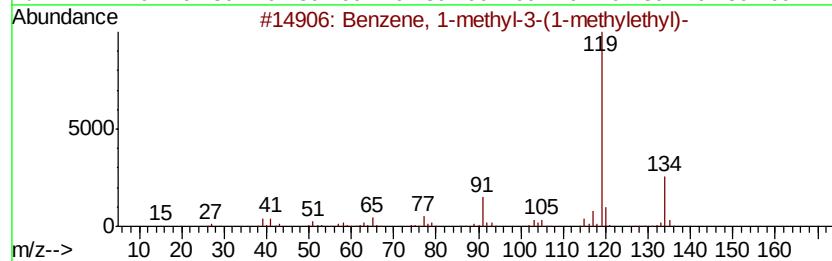
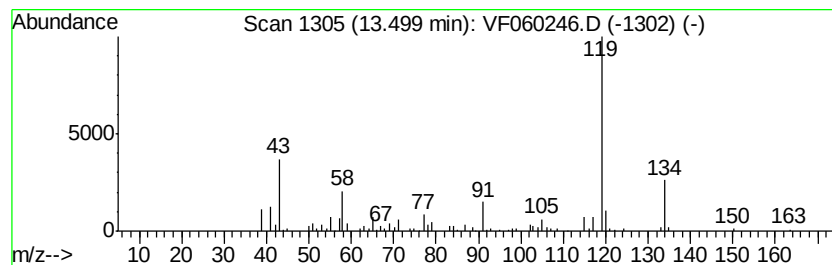
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	5.66 ug/l	108482	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	76
2	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	76
3	Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7	72
4	Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5	68
5	Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9	68



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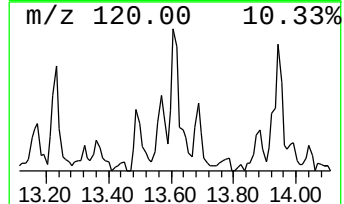
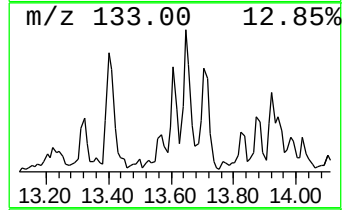
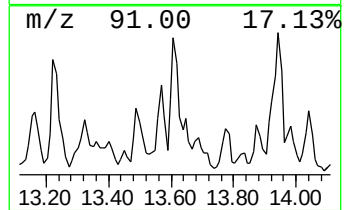
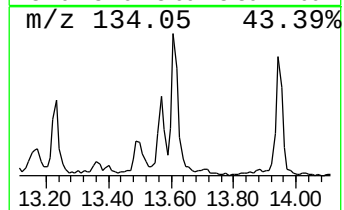
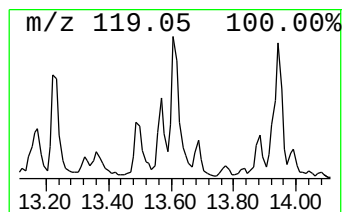
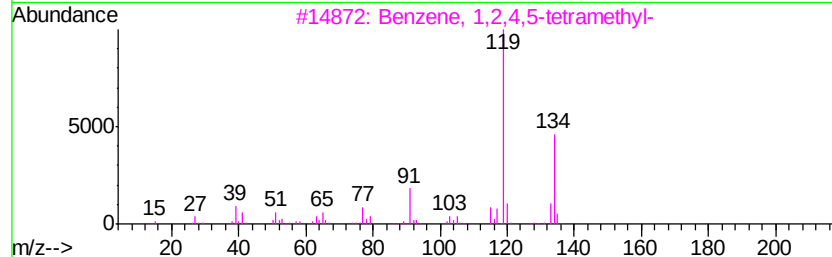
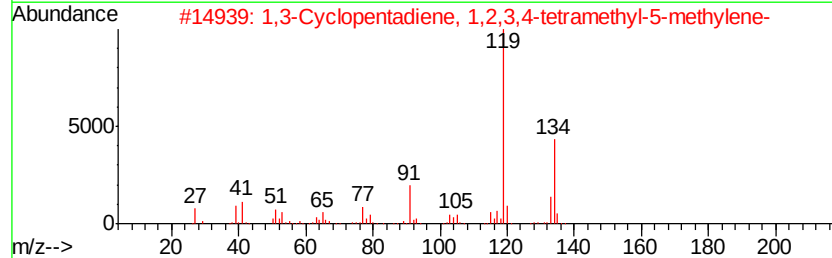
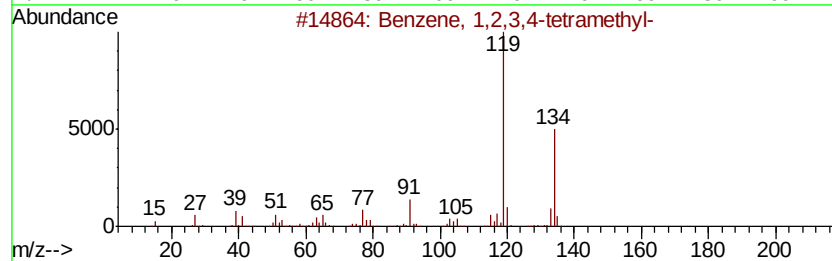
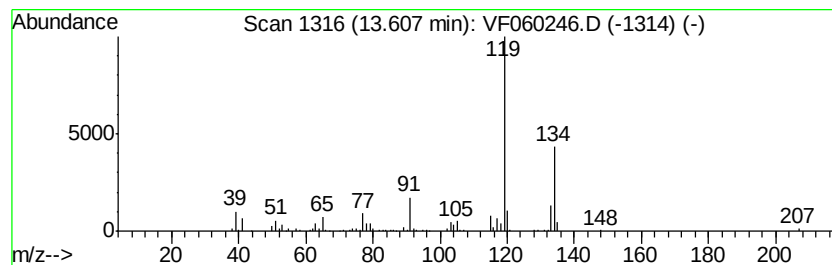
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Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.61	8.48 ug/l	162689	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



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OK-03-090618

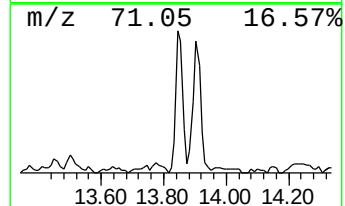
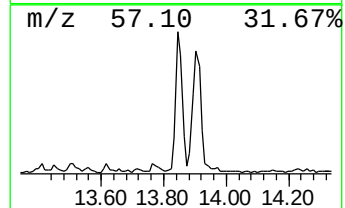
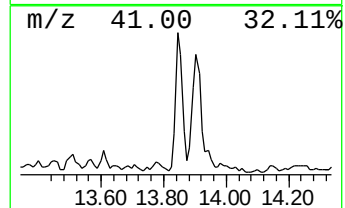
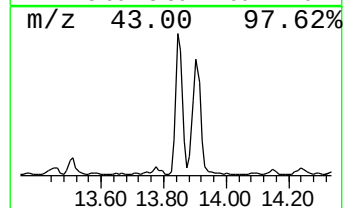
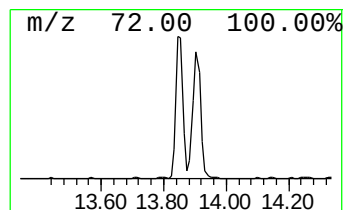
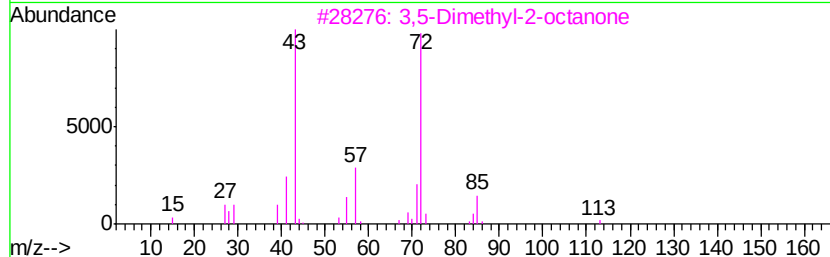
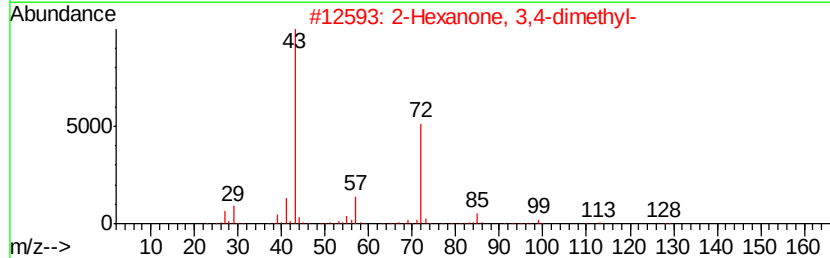
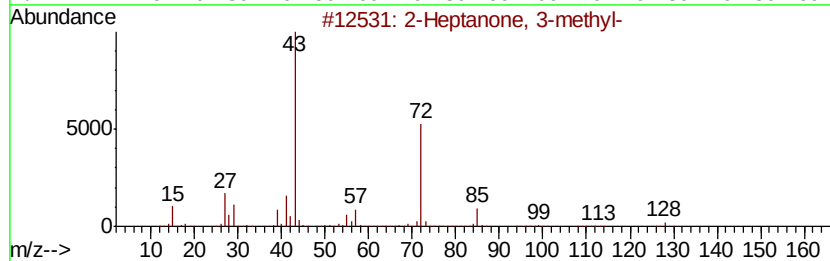
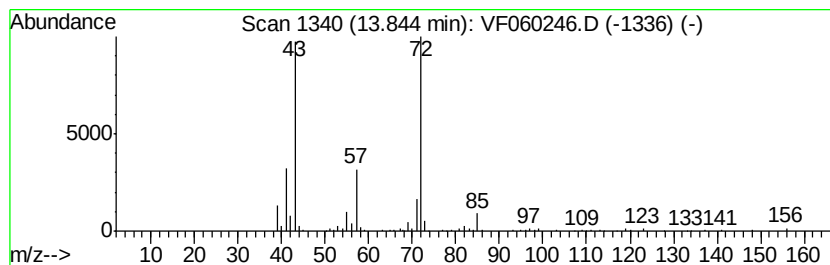
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Quant Title : SW846 8260

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

Peak Number 6 2-Heptanone, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	15.50 ug/l	297274	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	64
2		2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	56
3		3,5-Dimethyl-2-octanone	156	C10H20O	019781-14-7	43
4		Betaxolol	307	C18H29NO3	063659-18-7	38
5		L-Valine, ethyl ester	145	C7H15NO2	017431-03-7	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060246.D
Acq On : 10 Sep 2018 20:28
Operator : VA/AP
Sample : J4774-01
Misc : 6.80/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

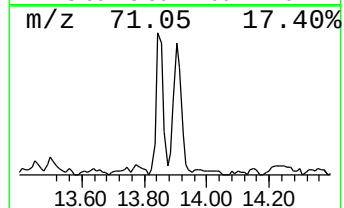
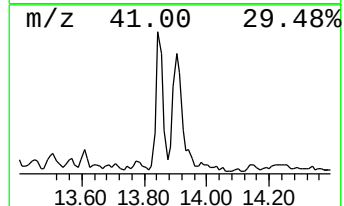
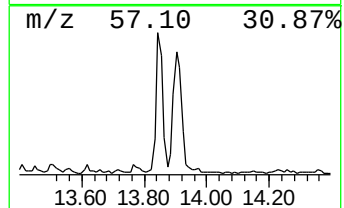
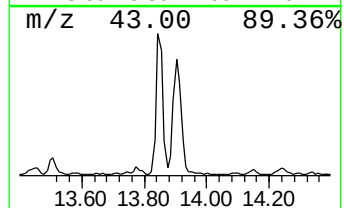
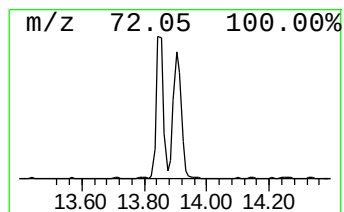
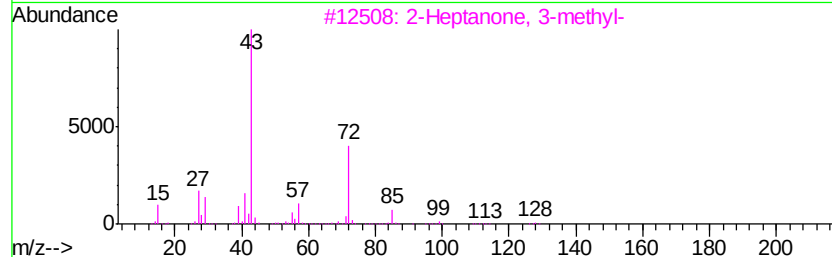
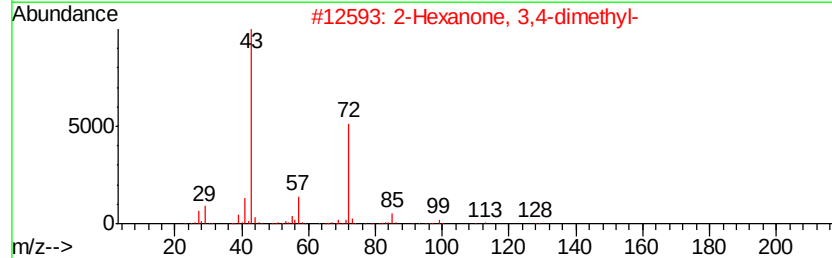
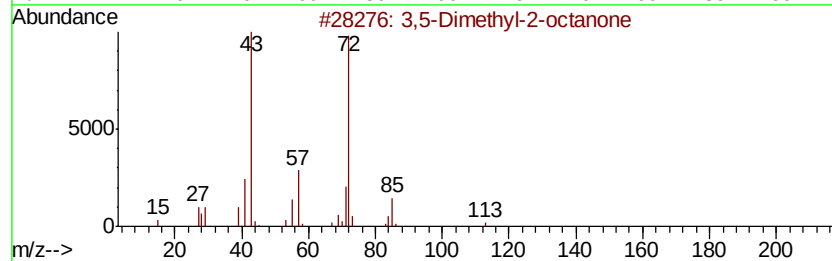
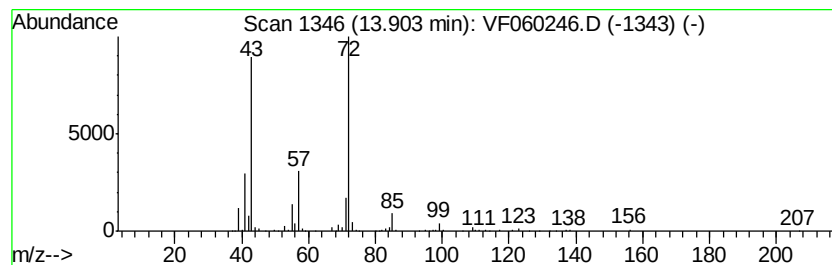
Instrument :
MSVOA_F
ClientSampleId :
OK-03-090618

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 7 3,5-Dimethyl-2-octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	20.36 ug/l	390554	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,5-Dimethyl-2-octanone	156 C10H20O	019781-14-7	64
2	2-Hexanone, 3,4-dimethyl-	128 C8H16O	019550-10-8	53
3	2-Heptanone, 3-methyl-	128 C8H16O	002371-19-9	53
4	Ether, 1-butylvinyl methyl	114 C7H14O	016519-66-7	53
5	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060246.D
Acq On : 10 Sep 2018 20:28
Operator : VA/AP
Sample : J4774-01
Misc : 6.80/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

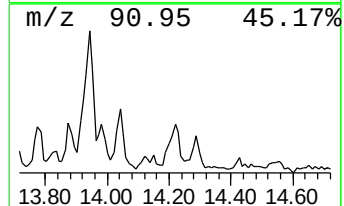
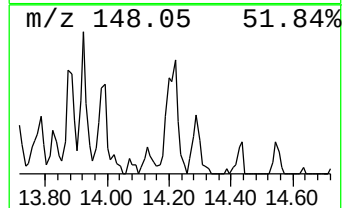
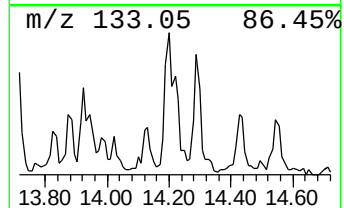
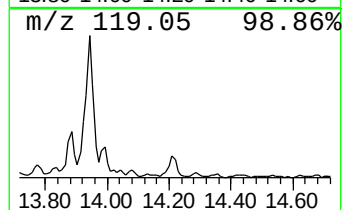
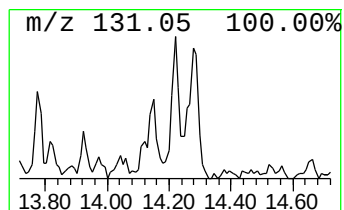
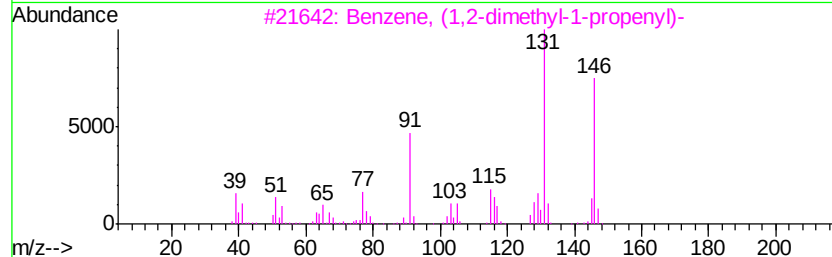
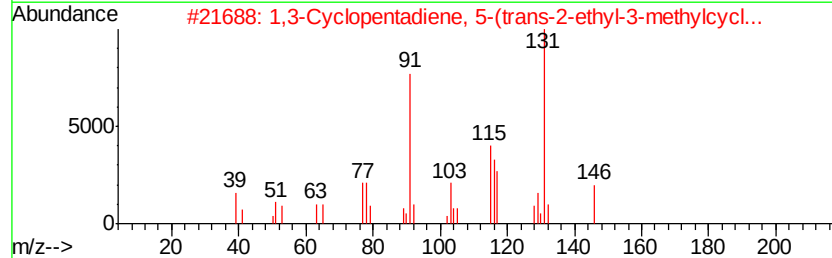
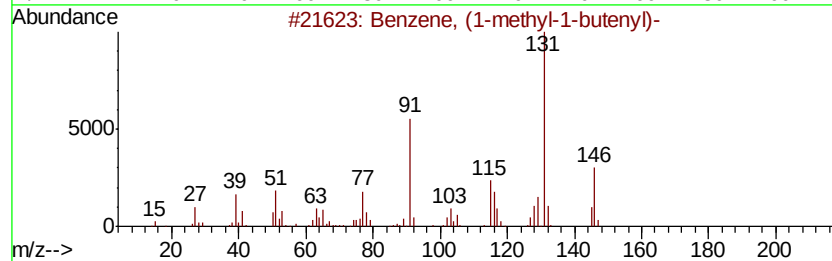
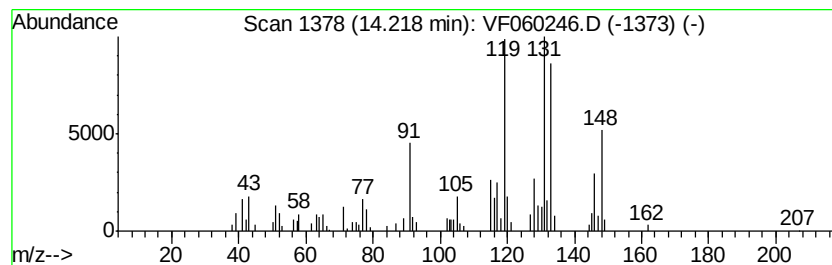
Instrument :
MSVOA_F
ClientSampleId :
OK-03-090618

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, (1-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	5.58 ug/l	107120	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 74
2		1,3-Cyclopentadiene, 5-(trans-2-...	146 C11H14	079209-36-2 47
3		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 42
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	146 C11H14	027087-54-3 38
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF091018\
Data File : VF060246.D
Acq On : 10 Sep 2018 20:28
Operator : VA/AP
Sample : J4774-01
Misc : 6.80/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OK-03-090618

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.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
Mesitylene	12.69	7.6	ug/l	145390	4	12.63	959135	50.0
o-Cymene	12.91	7.4	ug/l	142209	4	12.63	959135	50.0
Benzene, 1-methyl...	13.50	5.7	ug/l	108482	4	12.63	959135	50.0
Benzene, 1,2,3,4-...	13.61	8.5	ug/l	162689	4	12.63	959135	50.0
2-Heptanone, 3-me...	13.84	15.5	ug/l	297274	4	12.63	959135	50.0
3,5-Dimethyl-2-oc...	13.90	20.4	ug/l	390554	4	12.63	959135	50.0
Benzene, (1-methy...	14.22	5.6	ug/l	107120	4	12.63	959135	50.0