

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062069.D
 Acq On : 21 Mar 2019 19:19
 Operator : VA/AP
 Sample : K1694-03
 Misc : 6.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-032019-B

Integration Parameters: RTEINT.P

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

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

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.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	1.082	43	46	52	rVB5	6032	13743	1.36%	0.170%
2	1.398	72	78	80	rBV3	6846	15188	1.50%	0.188%
3	2.186	156	158	161	rBV	12710	22680	2.24%	0.281%
4	2.246	161	164	172	rVV4	16204	58834	5.81%	0.729%
5	2.393	177	179	183	rVB2	7203	13697	1.35%	0.170%
6	4.129	349	355	369	rVB	130786	431549	42.61%	5.346%
7	4.878	423	431	441	rBV2	292036	1012873	100.00%	12.548%
8	5.618	498	506	515	rBV	350299	945362	93.33%	11.711%
9	7.570	698	704	709	rBV	278352	658136	64.98%	8.153%
10	7.639	709	711	716	rVB	19934	40020	3.95%	0.496%
11	9.789	924	929	938	rBV	399281	852205	84.14%	10.557%
12	9.907	938	941	944	rVB3	8731	14491	1.43%	0.180%
13	10.676	1015	1019	1021	rBV5	5111	12573	1.24%	0.156%
14	10.726	1021	1024	1028	rVV2	18856	37900	3.74%	0.470%
15	11.268	1074	1079	1084	rBV3	4556	11728	1.16%	0.145%
16	11.426	1090	1095	1101	rBV	319542	567478	56.03%	7.030%
17	11.564	1106	1109	1113	rVB3	7391	13602	1.34%	0.169%
18	11.732	1123	1126	1129	rVV3	10498	18331	1.81%	0.227%
19	11.830	1133	1136	1139	rBV2	24427	35142	3.47%	0.435%
20	12.027	1152	1156	1160	rVB2	23856	45487	4.49%	0.564%
21	12.215	1173	1175	1178	rVB3	16296	26022	2.57%	0.322%
22	12.294	1178	1183	1186	rBV6	4115	14619	1.44%	0.181%
23	12.442	1196	1198	1200	rBV3	10855	16623	1.64%	0.206%
24	12.560	1206	1210	1214	rBV	557292	822623	81.22%	10.191%
25	12.619	1214	1216	1220	rVB	72564	105159	10.38%	1.303%
26	12.747	1225	1229	1230	rVV3	12909	27191	2.68%	0.337%
27	12.777	1230	1232	1235	rVV	19794	38027	3.75%	0.471%
28	12.836	1235	1238	1242	rVB2	41014	74164	7.32%	0.919%
29	12.935	1246	1248	1252	rBV2	10990	17217	1.70%	0.213%
30	13.013	1253	1256	1259	rVB	35134	49435	4.88%	0.612%
31	13.112	1259	1266	1269	rBV7	9200	26322	2.60%	0.326%
32	13.161	1269	1271	1273	rBV	40147	61605	6.08%	0.763%
33	13.240	1277	1279	1280	rVV	24304	39390	3.89%	0.488%
34	13.299	1283	1285	1288	rVV3	9588	16959	1.67%	0.210%

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35	13.339	1288	1289	1291	rVB	11924	12041	1.19%	0.149%
36	13.388	1291	1294	1296	rVB2	19251	25094	2.48%	0.311%
37	13.428	1296	1298	1301	rBV2	24897	34790	3.43%	0.431%
38	13.507	1304	1306	1308	rBV	24484	28351	2.80%	0.351%
39	13.546	1308	1310	1312	rBV	45173	59504	5.87%	0.737%
40	13.585	1312	1314	1316	rVB2	21221	27020	2.67%	0.335%
41	13.714	1324	1327	1330	rVV2	49976	91549	9.04%	1.134%
42	13.763	1330	1332	1335	rVV2	15159	27948	2.76%	0.346%
43	13.822	1335	1338	1340	rVV2	21679	38697	3.82%	0.479%
44	13.861	1340	1342	1346	rVV2	93901	212005	20.93%	2.626%
45	13.921	1346	1348	1351	rVV2	37064	65929	6.51%	0.817%
46	13.980	1351	1354	1357	rVV2	48106	79445	7.84%	0.984%
47	14.088	1359	1365	1368	rVV2	29212	73263	7.23%	0.908%
48	14.157	1368	1372	1375	rVV4	51448	129443	12.78%	1.604%
49	14.226	1375	1379	1382	rVV2	49062	112100	11.07%	1.389%
50	14.315	1386	1388	1389	rVV2	13885	21179	2.09%	0.262%
51	14.374	1392	1394	1395	rVV2	16739	22301	2.20%	0.276%
52	14.424	1395	1399	1402	rVV2	23159	65281	6.45%	0.809%
53	14.473	1402	1404	1411	rVV3	37284	103803	10.25%	1.286%
54	14.571	1411	1414	1415	rVV3	14303	25047	2.47%	0.310%
55	14.601	1415	1417	1419	rVV2	19177	37563	3.71%	0.465%
56	14.640	1419	1421	1423	rVV2	12697	24435	2.41%	0.303%
57	14.690	1423	1426	1427	rVV3	11488	20739	2.05%	0.257%
58	14.719	1427	1429	1430	rVV	48485	49097	4.85%	0.608%
59	14.749	1430	1432	1435	rVV	73963	107243	10.59%	1.329%
60	14.838	1439	1441	1442	rVV	13477	22979	2.27%	0.285%
61	14.877	1442	1445	1450	rVV5	19690	69905	6.90%	0.866%
62	14.946	1450	1452	1455	rVV3	9941	20831	2.06%	0.258%
63	15.005	1455	1458	1463	rVV	43335	72205	7.13%	0.894%
64	15.124	1467	1470	1472	rVV2	31151	53068	5.24%	0.657%
65	15.173	1474	1475	1481	rVV5	14374	28764	2.84%	0.356%
66	15.281	1481	1486	1490	rVV5	16527	44391	4.38%	0.550%
67	15.350	1490	1493	1496	rVV4	12681	30032	2.97%	0.372%
68	15.419	1496	1500	1505	rVB	23819	41343	4.08%	0.512%
69	15.656	1520	1524	1528	rVB3	13634	27968	2.76%	0.346%
70	15.834	1538	1542	1545	rVB6	3682	10473	1.03%	0.130%

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Integrator: RTE
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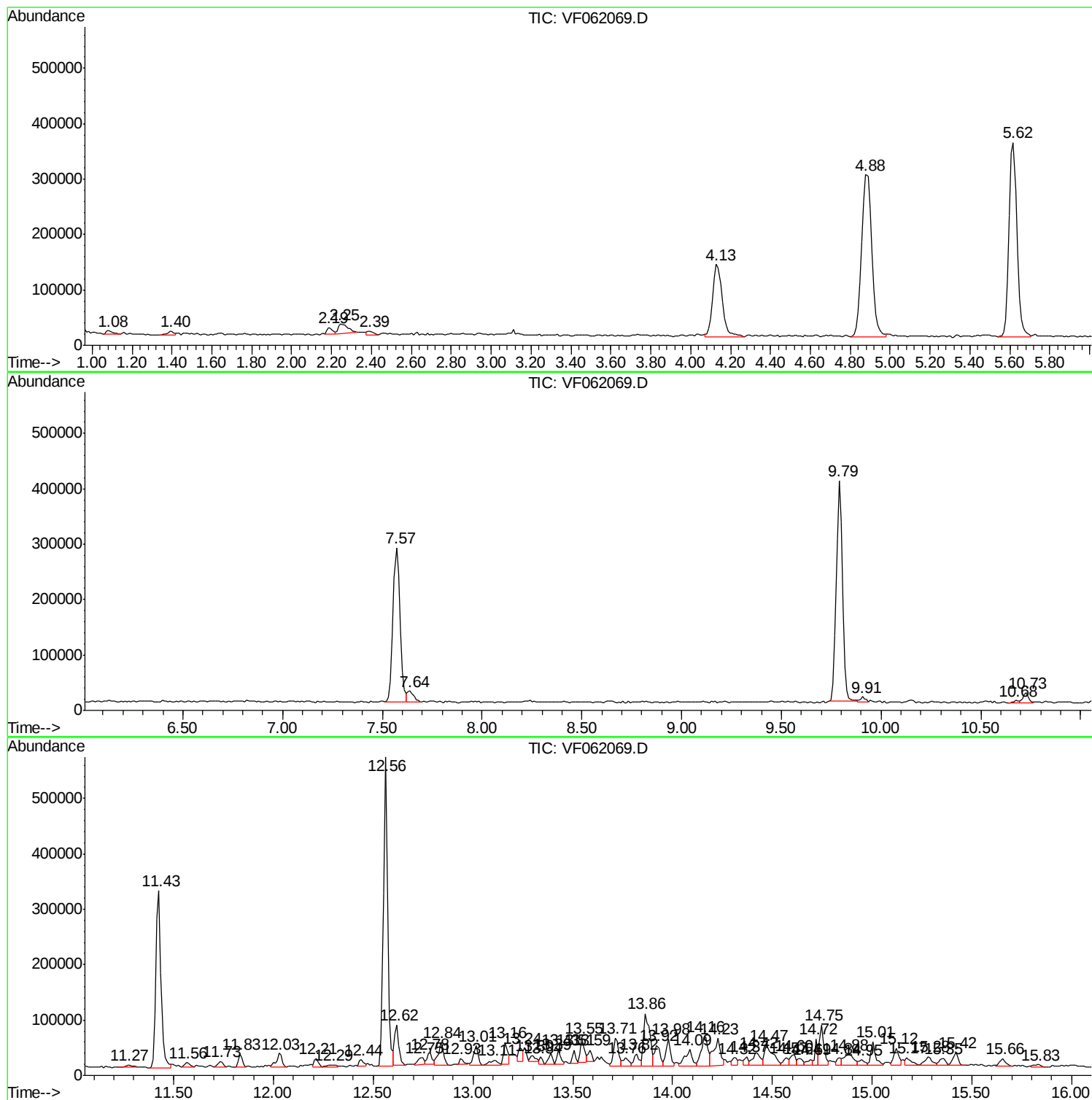
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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



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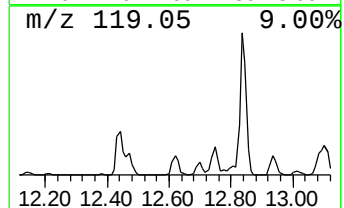
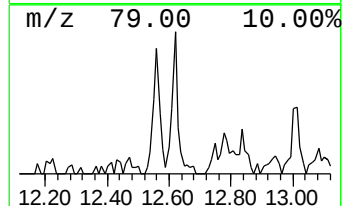
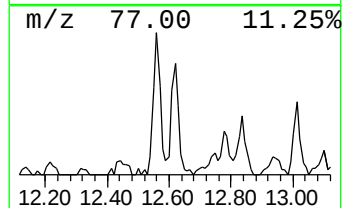
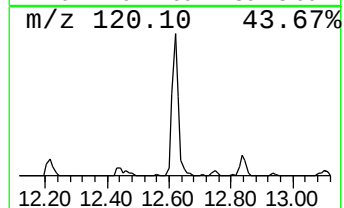
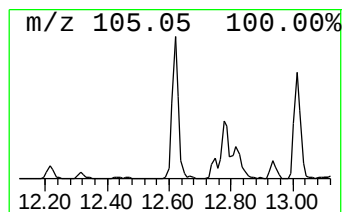
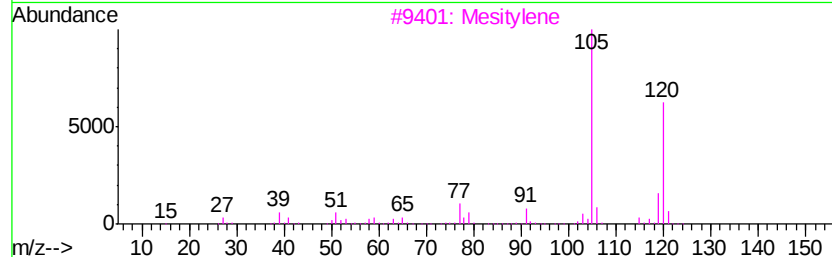
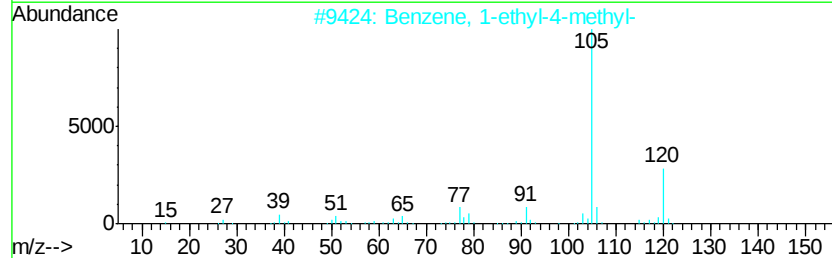
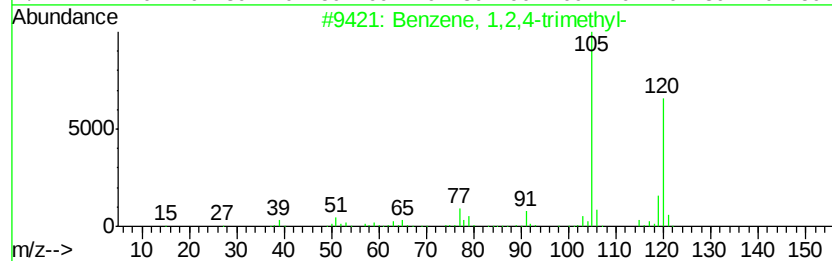
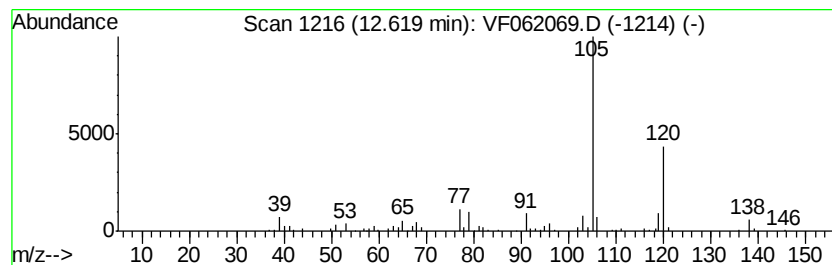
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.62	6.39 ug/l	105159	1,4-Dichlorobenzene-d4	12.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83



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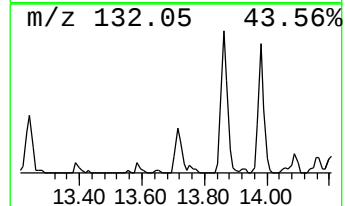
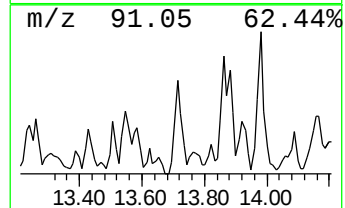
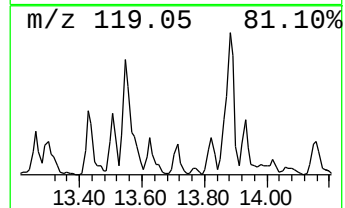
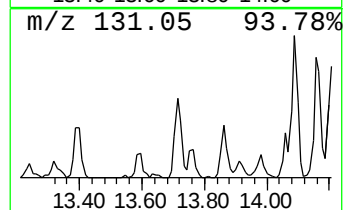
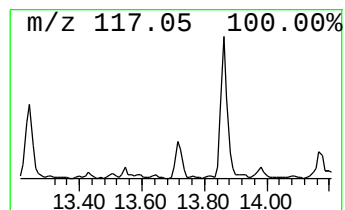
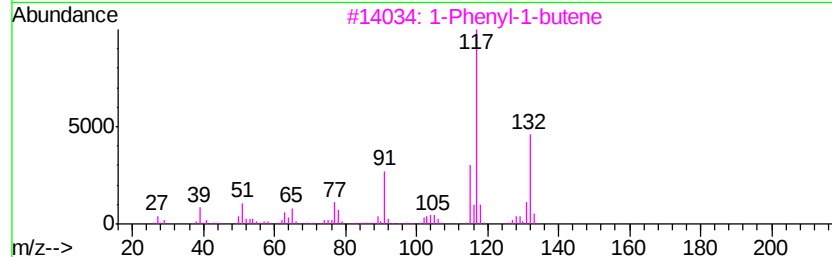
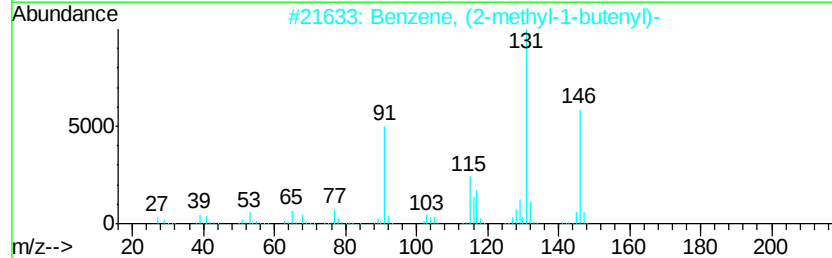
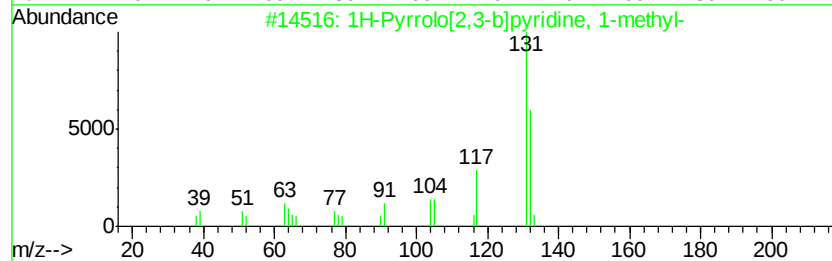
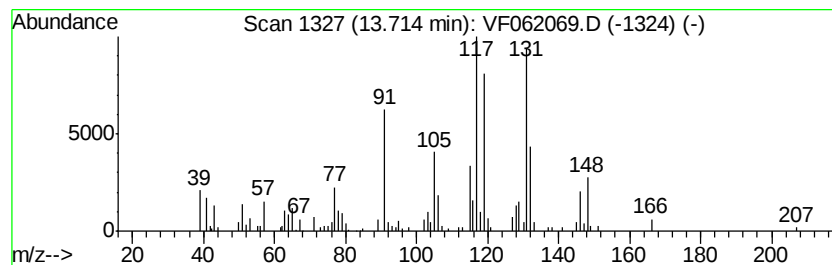
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown13.71 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.56 ug/l	91549	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrrolo[2,3-b]pyridine, 1-met...	132	C8H8N2	027257-15-4	46
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	42
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	42



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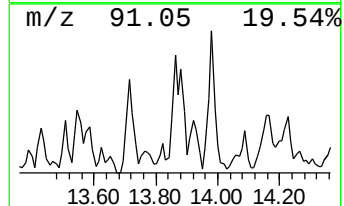
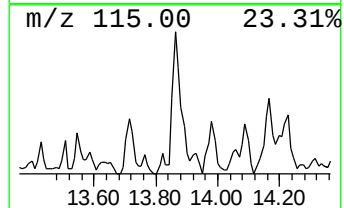
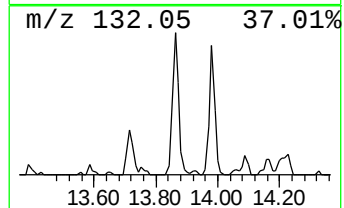
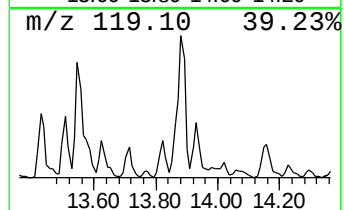
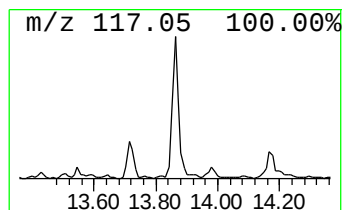
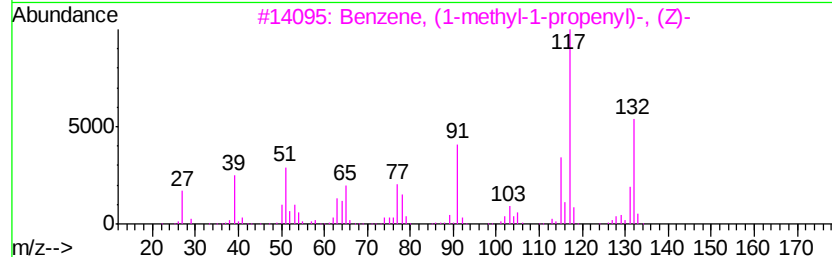
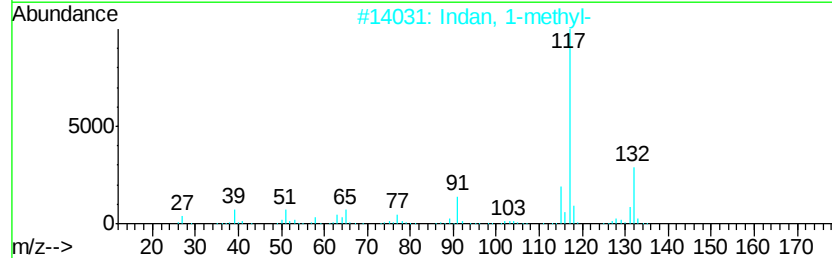
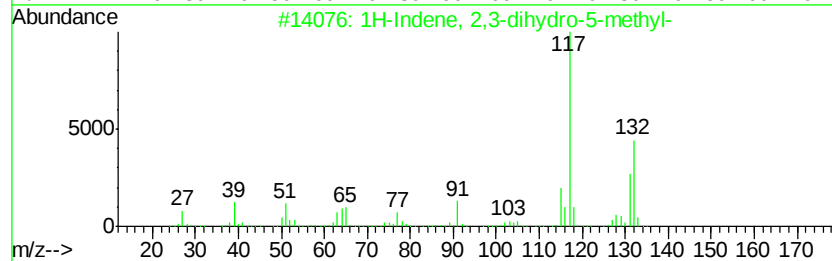
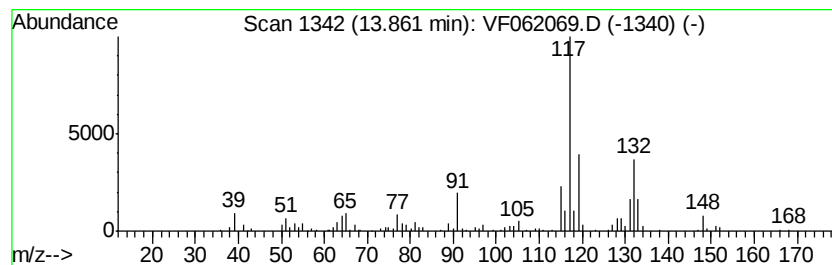
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Quant Title : SW846 8260

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

Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	12.89 ug/l	212005	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
2		Indan, 1-methyl-	132	C10H12	000767-58-8	70
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	68
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62



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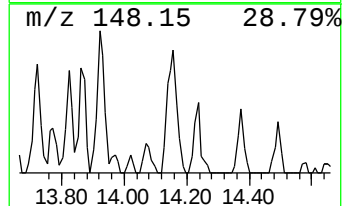
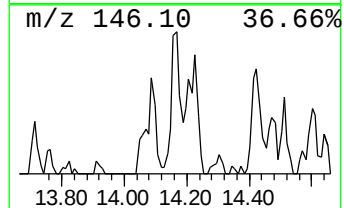
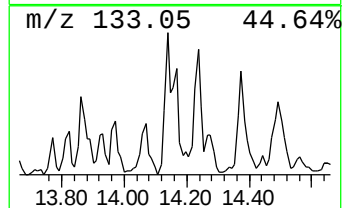
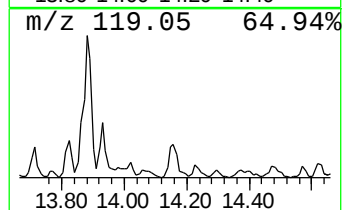
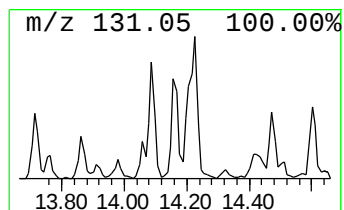
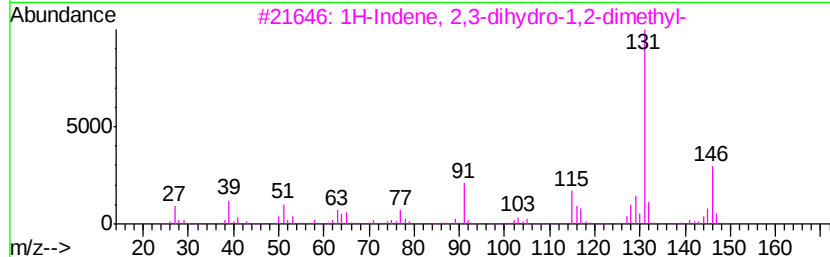
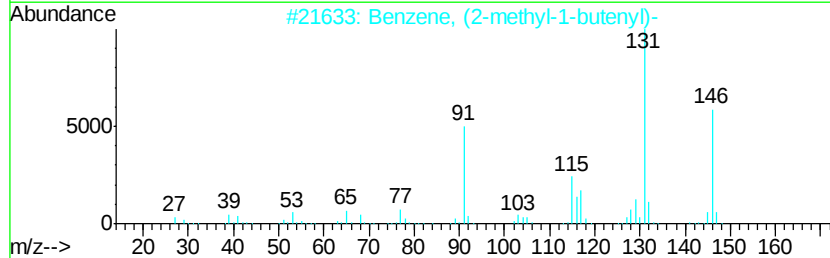
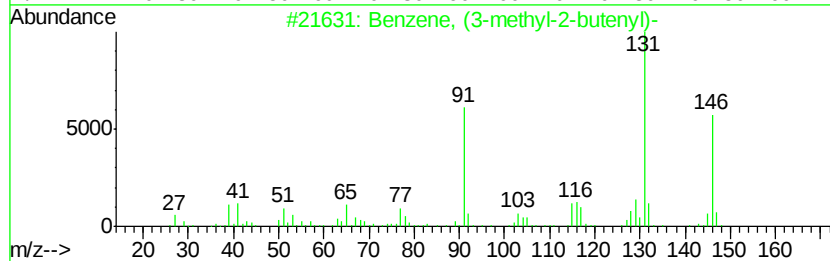
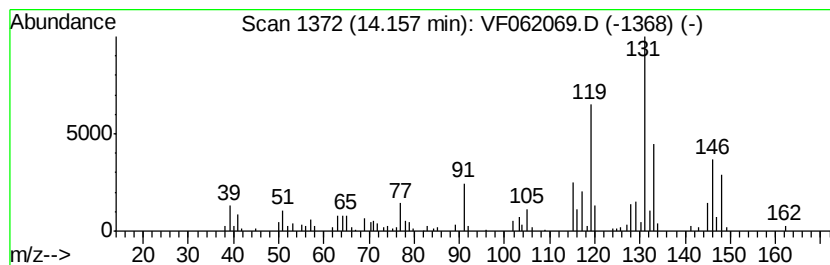
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	7.87 ug/l	129443	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
3		1H-Indene, 2,3-dihydro-1,2-dimethyl-	146	C11H14	017057-82-8	55
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5		Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062069.D
Acq On : 21 Mar 2019 19:19
Operator : VA/AP
Sample : K1694-03
Misc : 6.59g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

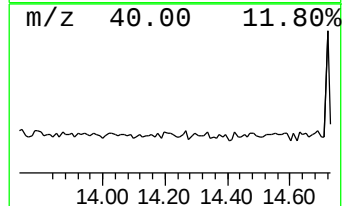
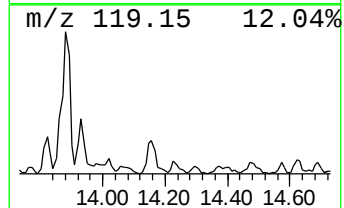
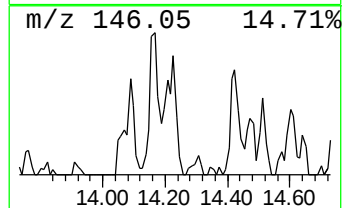
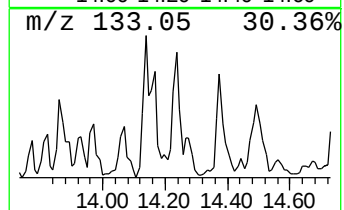
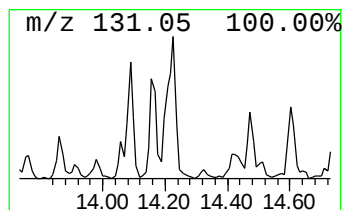
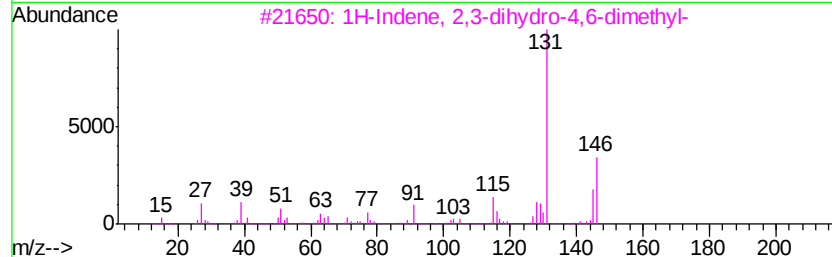
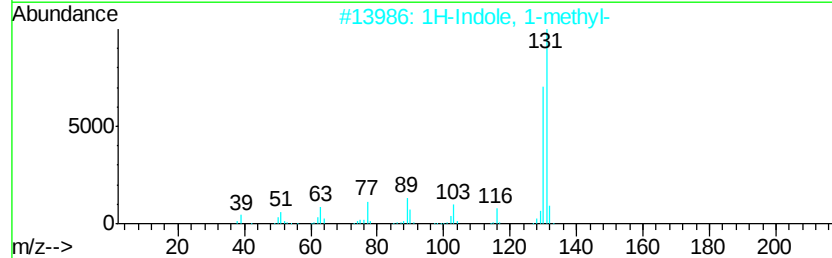
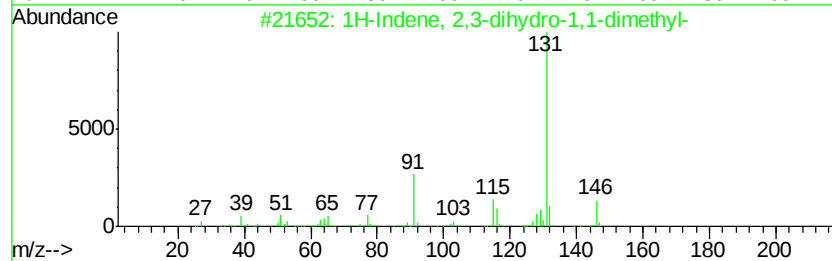
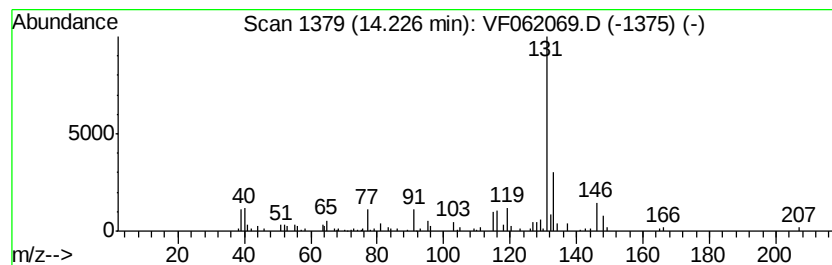
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	6.81 ug/l	112100	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	58
2		1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	50
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	40
4		Naphthalene-4a,8a-dicarboxylic a...	250	C14H18O4	007177-20-0	38
5		Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062069.D
Acq On : 21 Mar 2019 19:19
Operator : VA/AP
Sample : K1694-03
Misc : 6.59g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

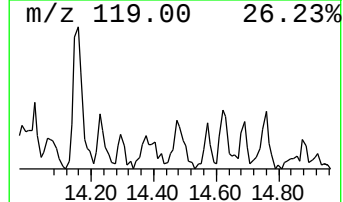
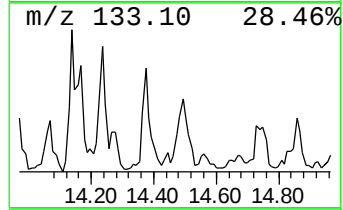
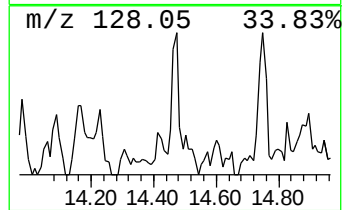
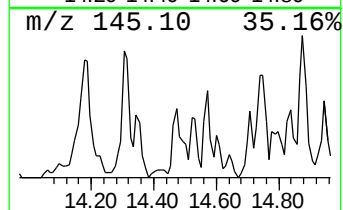
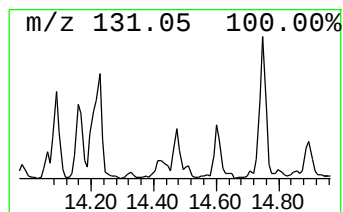
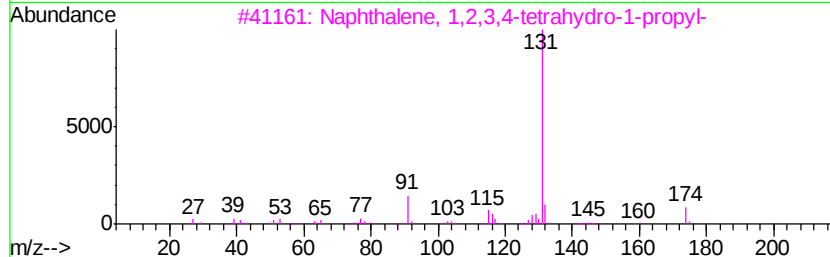
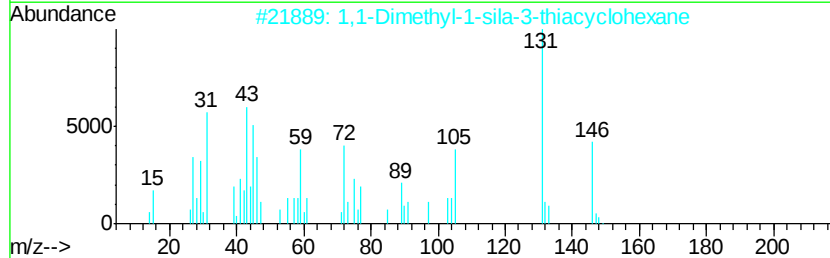
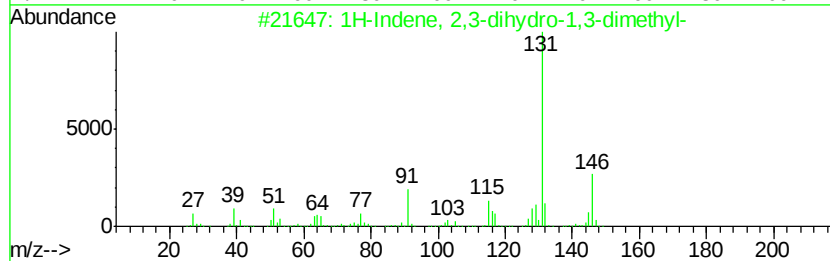
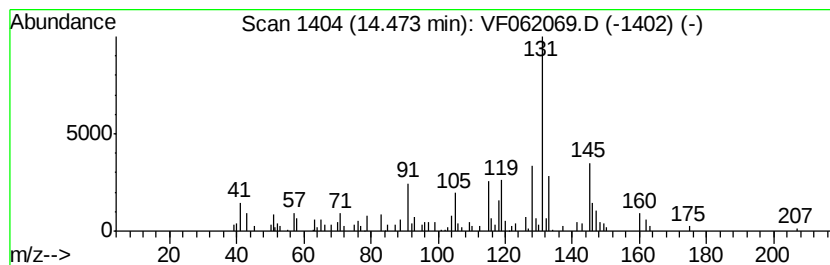
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.31 ug/l	103803	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	32
2		1,1-Dimethyl-1-sila-3-thiacyclohex...	146	C6H14SSi	018163-14-9	30
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	066324-83-2	27
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	18
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	17



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062069.D
Acq On : 21 Mar 2019 19:19
Operator : VA/AP
Sample : K1694-03
Misc : 6.59g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampled :
EO-02-032019-B

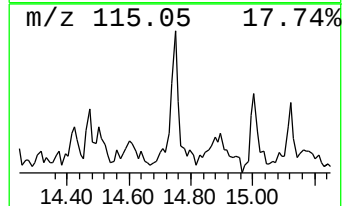
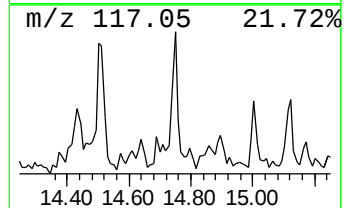
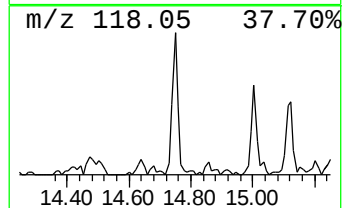
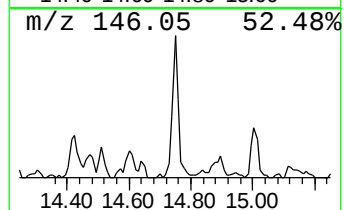
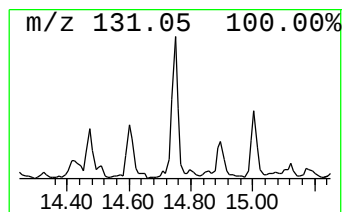
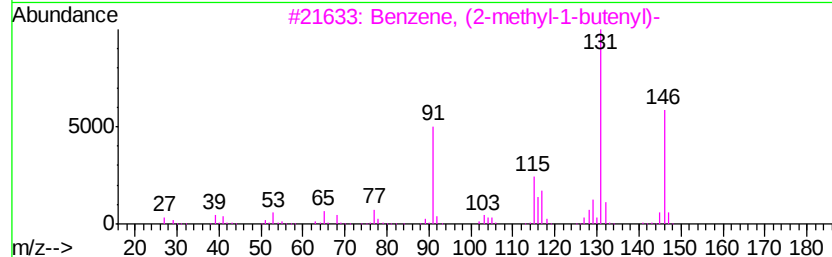
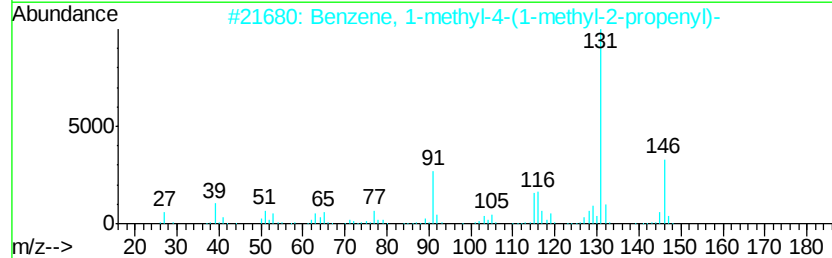
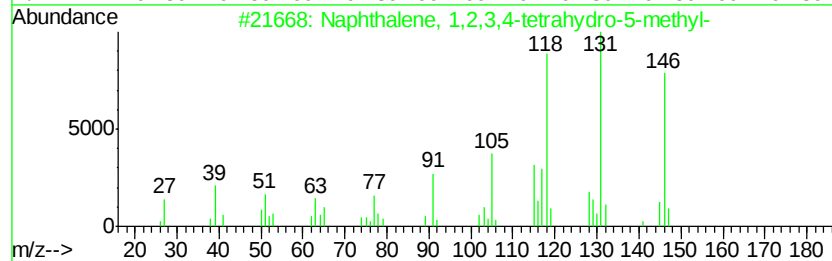
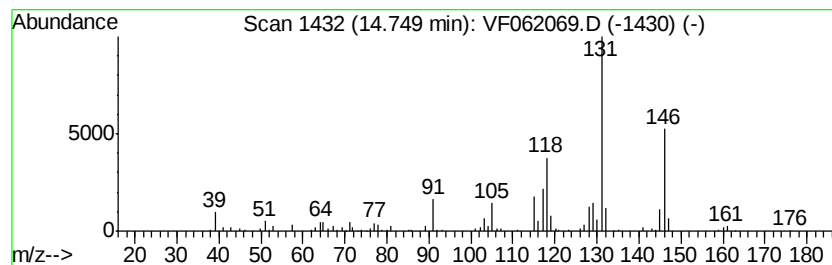
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	6.52 ug/l	107243	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
3		Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	90
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
Data File : VF062069.D
Acq On : 21 Mar 2019 19:19
Operator : VA/AP
Sample : K1694-03
Misc : 6.59g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-02-032019-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.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, 1,2,4-tr...	12.62	6.4	ug/l	105159	4	12.56	822623	50.0
unknown13.71	13.71	5.6	ug/l	91549	4	12.56	822623	50.0
1H-Indene, 2,3-di...	13.86	12.9	ug/l	212005	4	12.56	822623	50.0
Benzene, (3-methy...	14.16	7.9	ug/l	129443	4	12.56	822623	50.0
1H-Indene, 2,3-di...	14.23	6.8	ug/l	112100	4	12.56	822623	50.0
unknown14.47	14.47	6.3	ug/l	103803	4	12.56	822623	50.0
Naphthalene, 1,2,...	14.75	6.5	ug/l	107243	4	12.56	822623	50.0