

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061619.D
 Acq On : 12 Feb 2019 20:05
 Operator : VA/AP
 Sample : K1343-25
 Misc : 5.67g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-M

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\82F011519S.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	1.066	40	44	49	rBV4	5055	14516	1.40%	0.141%
2	2.181	154	157	159	rBV3	17082	32637	3.15%	0.316%
3	2.240	159	163	173	rVB4	24858	89984	8.69%	0.873%
4	2.378	173	177	182	rBV5	6010	13538	1.31%	0.131%
5	2.921	228	232	235	rBV4	3603	10954	1.06%	0.106%
6	4.026	336	344	347	rBV	16479	57310	5.53%	0.556%
7	4.114	347	353	363	rVB	141617	456297	44.06%	4.424%
8	4.420	373	384	396	rVB2	29206	129654	12.52%	1.257%
9	4.864	422	429	442	rBV2	292838	1035595	100.00%	10.041%
10	5.604	497	504	518	rBV	343415	920251	88.86%	8.923%
11	7.557	696	702	715	rBV	386013	940342	90.80%	9.118%
12	9.777	922	927	936	rBV	450390	968989	93.57%	9.396%
13	10.724	1014	1023	1026	rBV4	4374	11343	1.10%	0.110%
14	11.414	1089	1093	1104	rBV	372873	629252	60.76%	6.101%
15	11.562	1104	1108	1114	rVV3	12102	29989	2.90%	0.291%
16	11.661	1114	1118	1121	rVV3	6303	11937	1.15%	0.116%
17	11.720	1121	1124	1128	rVV	13048	28475	2.75%	0.276%
18	11.828	1131	1135	1138	rVB	11078	17677	1.71%	0.171%
19	12.026	1148	1155	1158	rVB	15117	28170	2.72%	0.273%
20	12.203	1170	1173	1178	rVB	24482	39331	3.80%	0.381%
21	12.430	1193	1196	1198	rBV3	7381	13869	1.34%	0.134%
22	12.548	1205	1208	1212	rBV	554349	920552	88.89%	8.926%
23	12.608	1212	1214	1221	rVB	53305	85624	8.27%	0.830%
24	12.726	1223	1226	1229	rBV2	30527	60082	5.80%	0.583%
25	12.775	1229	1231	1233	rBV	27373	36177	3.49%	0.351%
26	12.825	1233	1236	1244	rVB3	48387	120366	11.62%	1.167%
27	12.933	1244	1247	1249	rBV2	10156	16474	1.59%	0.160%
28	13.012	1252	1255	1259	rVB	29377	46567	4.50%	0.452%
29	13.101	1259	1264	1266	rBV	59520	110988	10.72%	1.076%
30	13.130	1266	1267	1268	rBV	39639	27535	2.66%	0.267%
31	13.160	1268	1270	1275	rVB2	40530	62592	6.04%	0.607%
32	13.229	1275	1277	1278	rBV	27612	31258	3.02%	0.303%
33	13.288	1282	1283	1287	rVB4	11963	19049	1.84%	0.185%
34	13.387	1290	1293	1294	rVB3	10785	14217	1.37%	0.138%

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35	13.426	1294	1297	1301	rVB	25774	40854	3.94%	0.396%
36	13.495	1301	1304	1306	rBV	33184	43954	4.24%	0.426%
37	13.545	1306	1309	1311	rBV	55548	83357	8.05%	0.808%
38	13.584	1311	1313	1315	rVB2	20286	24725	2.39%	0.240%
39	13.614	1315	1316	1318	rBV	7810	11025	1.06%	0.107%
40	13.643	1318	1319	1322	rVB3	17968	16567	1.60%	0.161%
41	13.712	1322	1326	1329	rBV2	155768	237245	22.91%	2.300%
42	13.762	1329	1331	1334	rVB3	26439	43973	4.25%	0.426%
43	13.811	1334	1336	1338	rBV	32119	46290	4.47%	0.449%
44	13.851	1338	1340	1345	rBV2	174690	325880	31.47%	3.160%
45	13.920	1345	1347	1349	rVB2	42358	56094	5.42%	0.544%
46	13.969	1349	1352	1356	rBV	144078	216724	20.93%	2.101%
47	14.058	1358	1361	1362	rBV2	27606	46301	4.47%	0.449%
48	14.077	1362	1363	1366	rVB	45784	58863	5.68%	0.571%
49	14.156	1366	1371	1374	rBV4	79420	168891	16.31%	1.638%
50	14.216	1374	1377	1384	rVB2	72101	139700	13.49%	1.355%
51	14.304	1384	1386	1388	rVB3	11693	14168	1.37%	0.137%
52	14.363	1388	1392	1394	rBV3	13338	27515	2.66%	0.267%
53	14.413	1394	1397	1400	rBV2	79757	130457	12.60%	1.265%
54	14.462	1400	1402	1405	rBV2	76272	118377	11.43%	1.148%
55	14.561	1410	1412	1413	rVV2	23100	32635	3.15%	0.316%
56	14.600	1413	1416	1419	rVV	70182	118364	11.43%	1.148%
57	14.659	1419	1422	1425	rVV4	13393	43498	4.20%	0.422%
58	14.738	1427	1430	1434	rVV	227386	357765	34.55%	3.469%
59	14.827	1437	1439	1440	rVV	20668	29338	2.83%	0.284%
60	14.886	1440	1445	1449	rVV3	44979	135695	13.10%	1.316%
61	14.995	1453	1456	1462	rVV	115169	196691	18.99%	1.907%
62	15.113	1465	1468	1470	rVV2	102483	150931	14.57%	1.463%
63	15.172	1472	1474	1477	rVV3	26795	43443	4.19%	0.421%
64	15.241	1479	1481	1483	rVV3	8126	15891	1.53%	0.154%
65	15.281	1483	1485	1488	rVV2	27458	48148	4.65%	0.467%
66	15.350	1488	1492	1495	rVV2	36747	81936	7.91%	0.794%
67	15.409	1495	1498	1501	rVB5	22024	33726	3.26%	0.327%
68	15.527	1509	1510	1513	rVB2	9814	11798	1.14%	0.114%
69	15.646	1519	1522	1527	rVB	37331	72431	6.99%	0.702%
70	15.725	1527	1530	1533	rBV5	6329	13122	1.27%	0.127%
71	15.833	1537	1541	1545	rVB4	6673	13416	1.30%	0.130%

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Integration Parameters: RTEINT.P

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	15.942	1549	1552	1554	rBV3	7633	15183	1.47%	0.147%
73	16.001	1554	1558	1561	rVV4	6832	16690	1.61%	0.162%

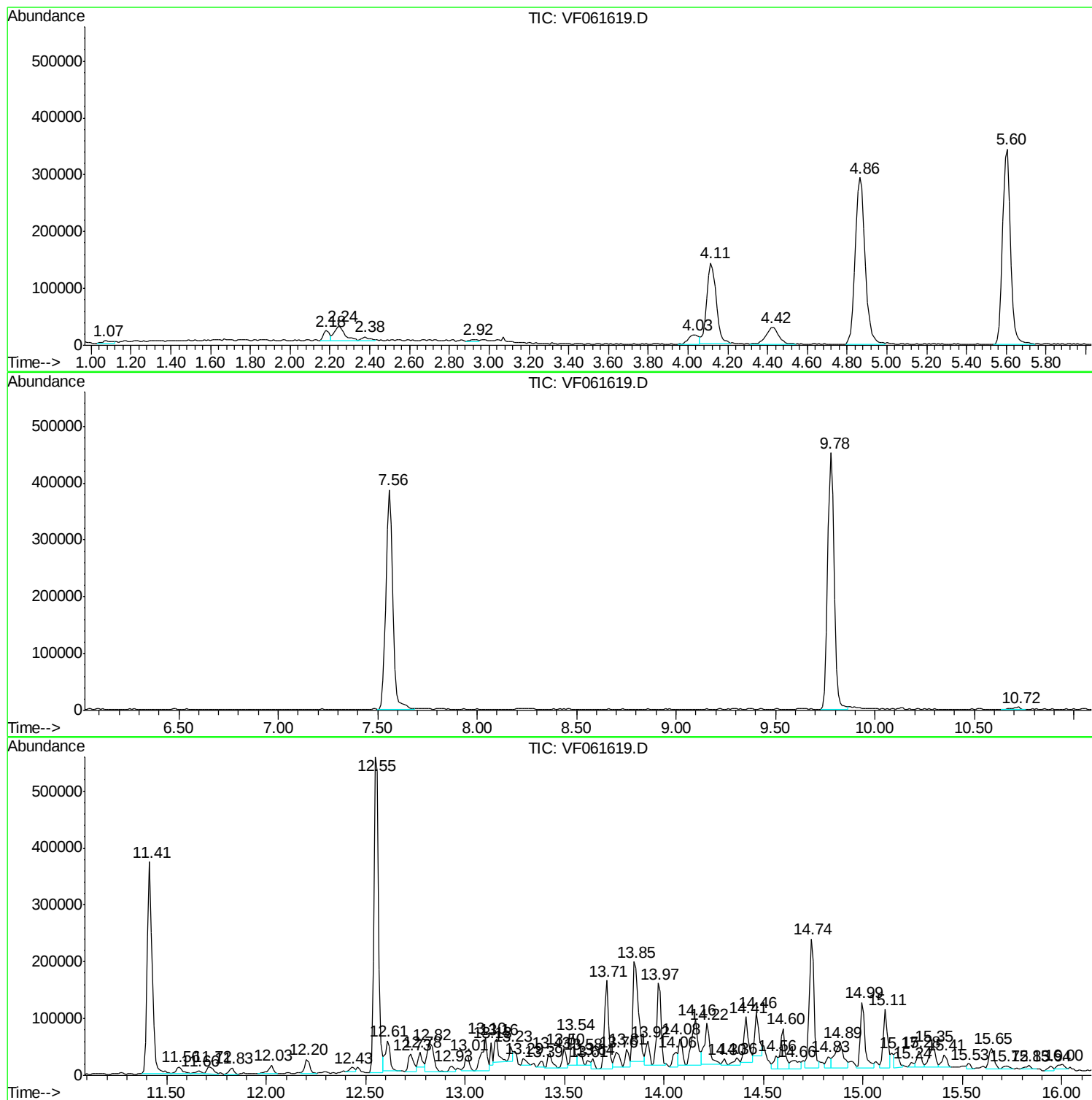
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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



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Instrument :
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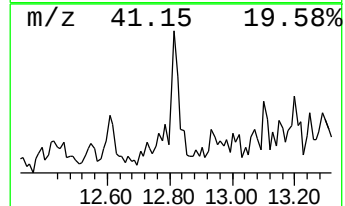
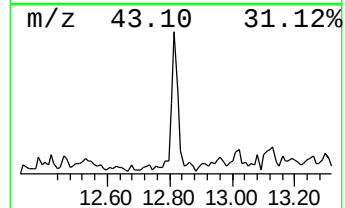
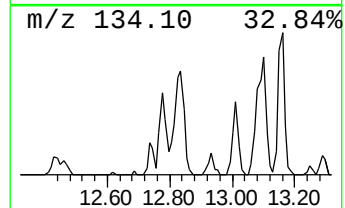
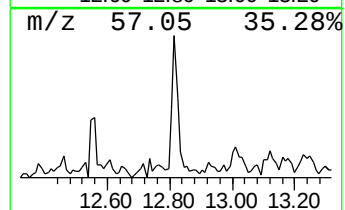
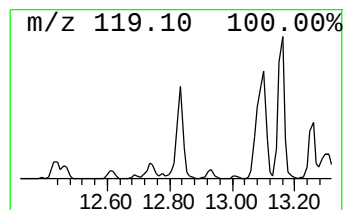
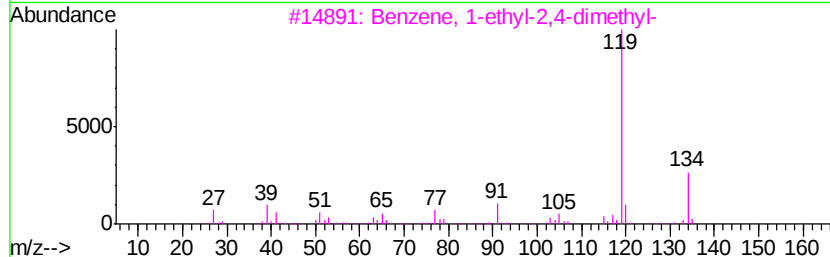
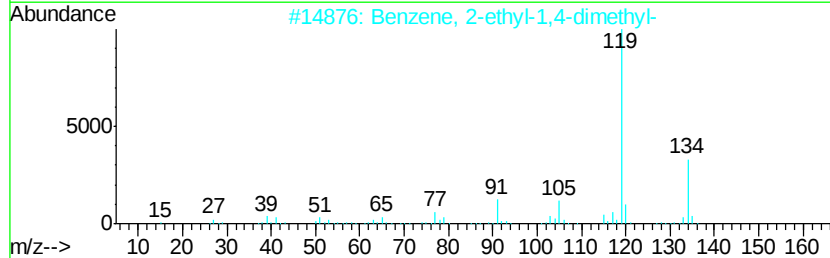
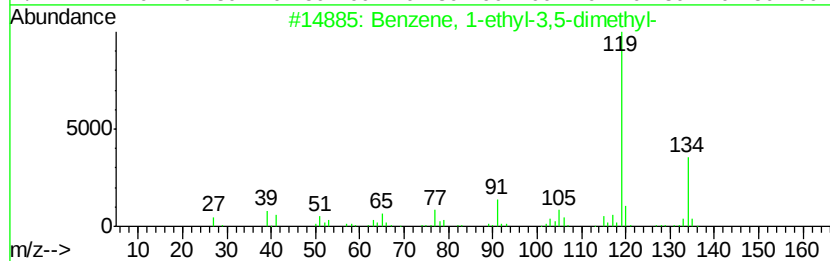
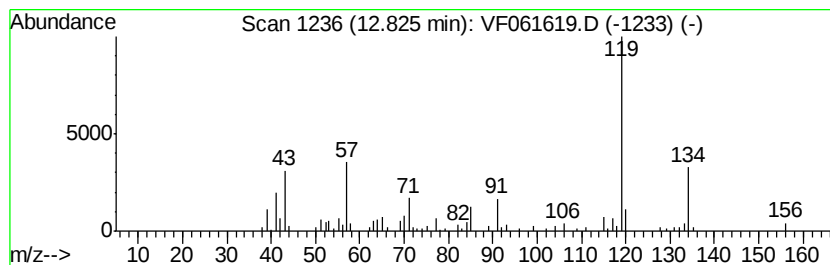
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	6.54 ug/l	120366	1,4-Dichlorobenzene-d4	12.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83



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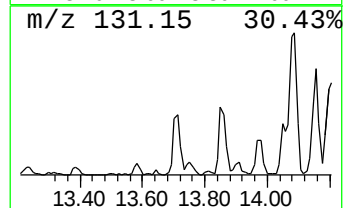
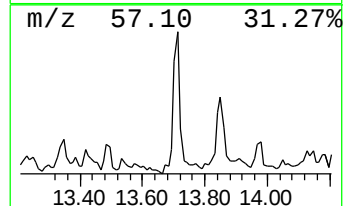
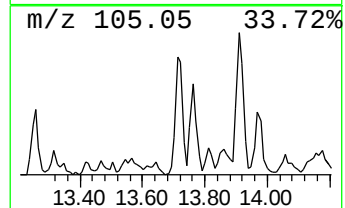
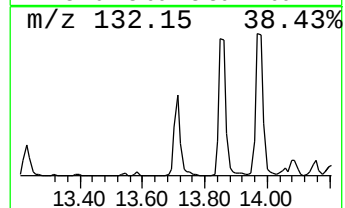
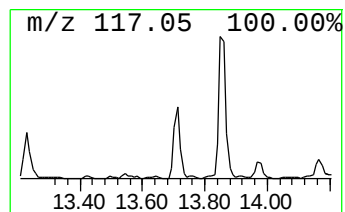
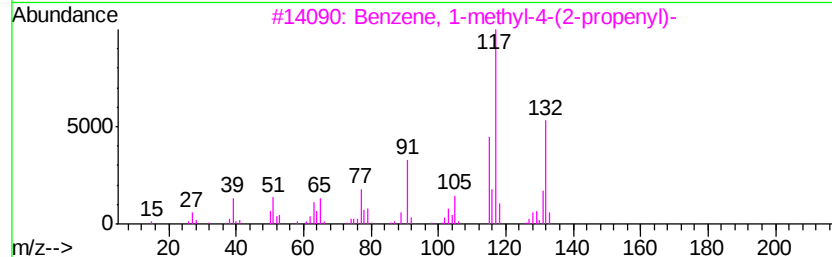
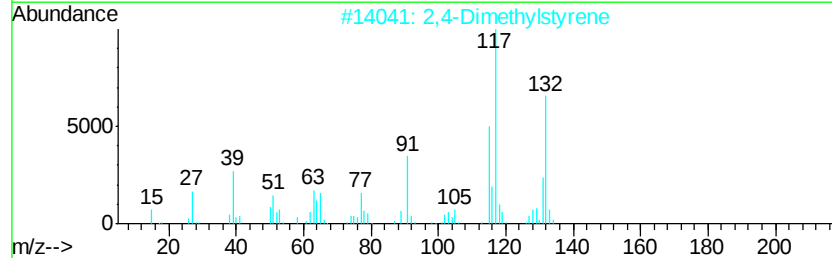
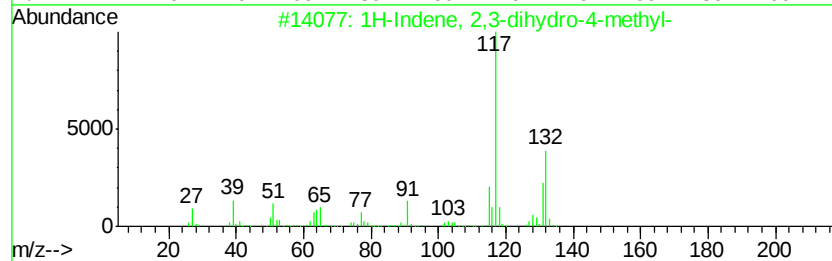
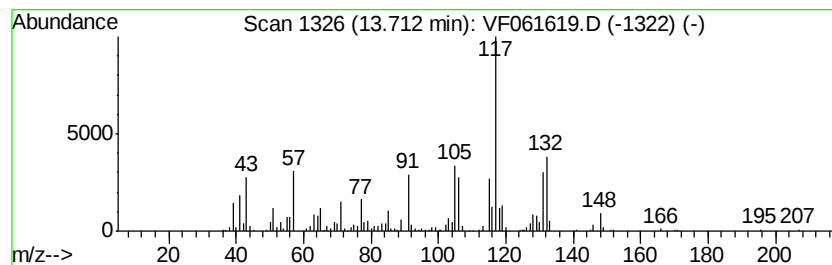
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	12.89 ug/l	237245	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	86



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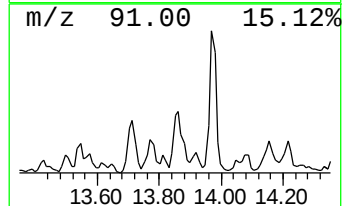
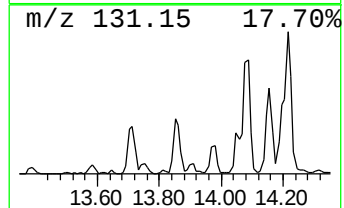
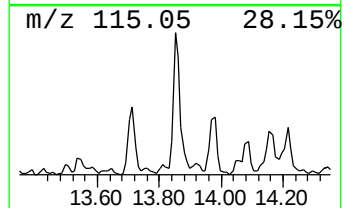
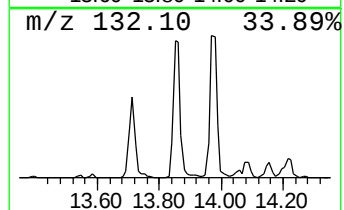
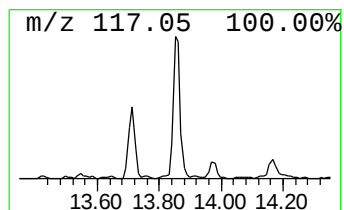
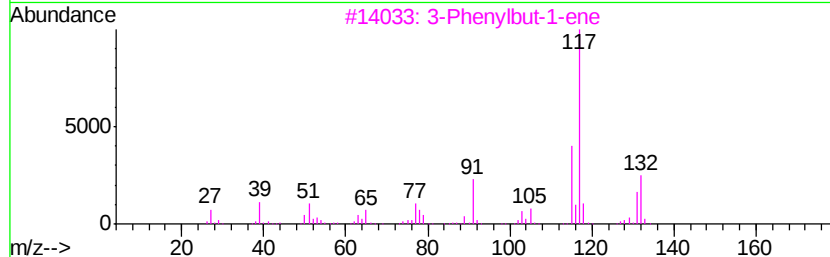
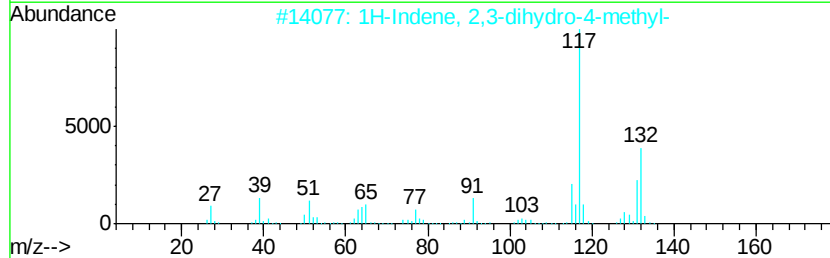
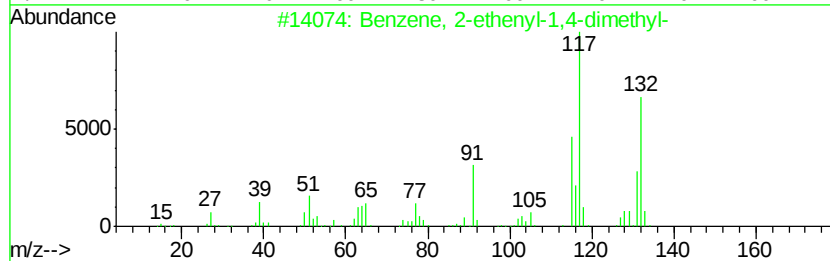
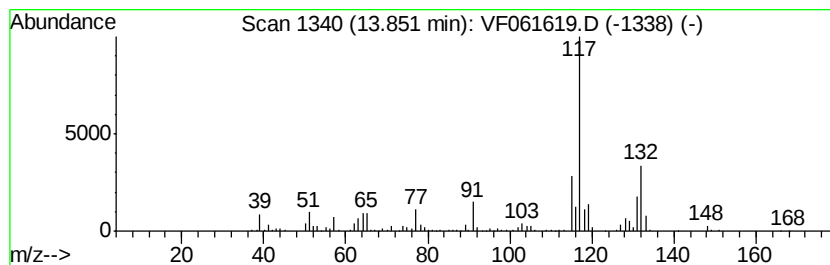
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	17.70 ug/l	325880	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



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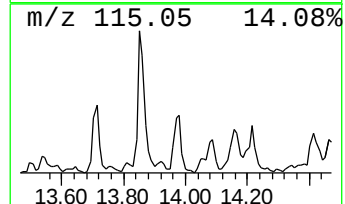
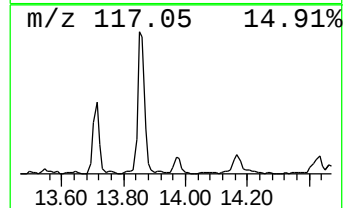
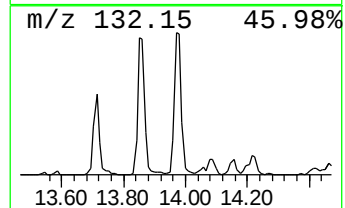
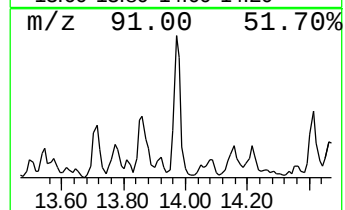
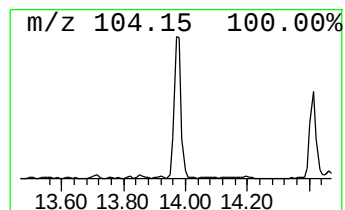
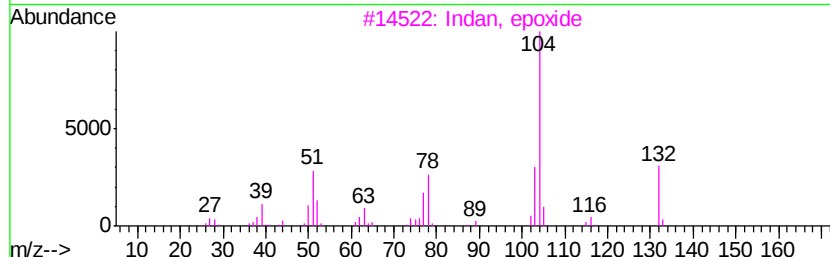
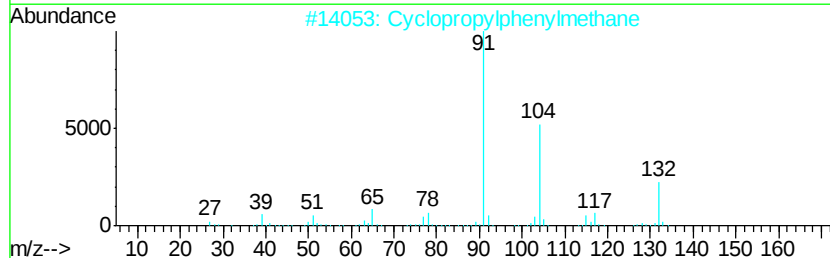
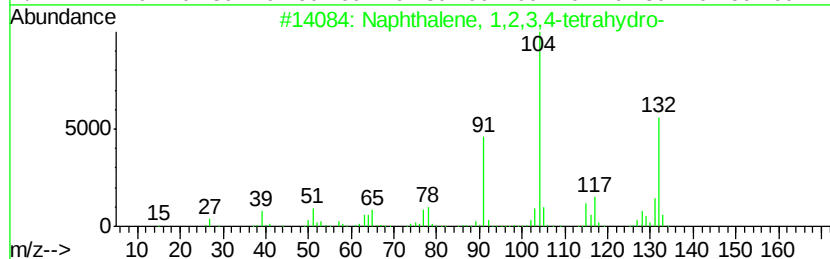
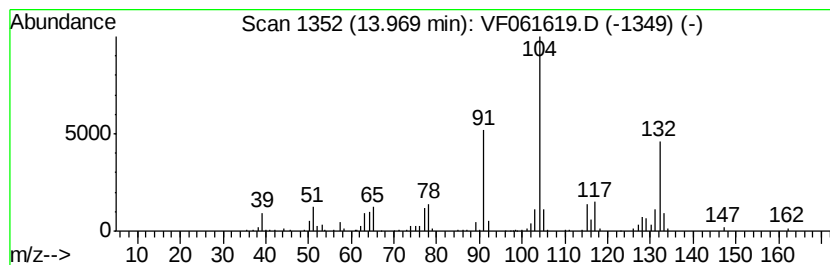
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	11.77 ug/l	216724	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2		Cyclopropylphenylmethane	132	C10H12	001667-00-1	74
3		Indan, epoxide	132	C9H8O	000768-22-9	58
4		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	43
5		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061619.D
Acq On : 12 Feb 2019 20:05
Operator : VA/AP
Sample : K1343-25
Misc : 5.67a/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

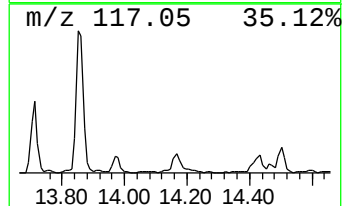
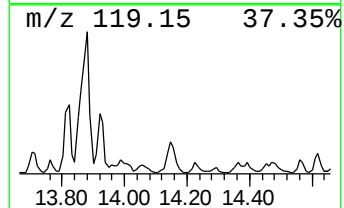
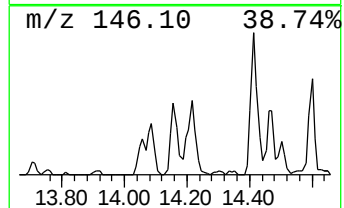
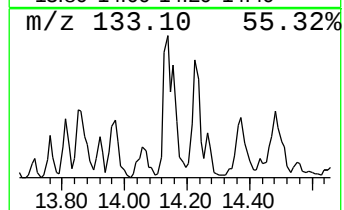
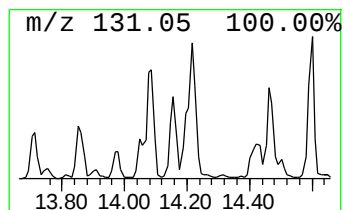
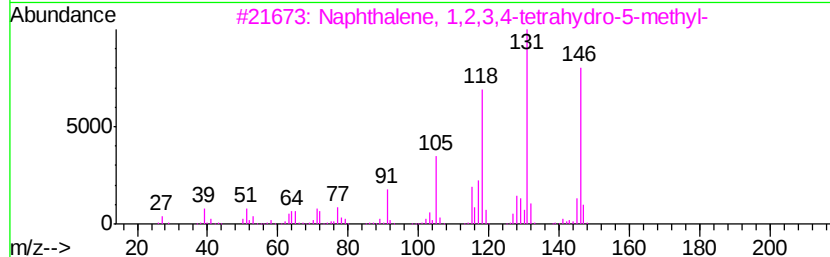
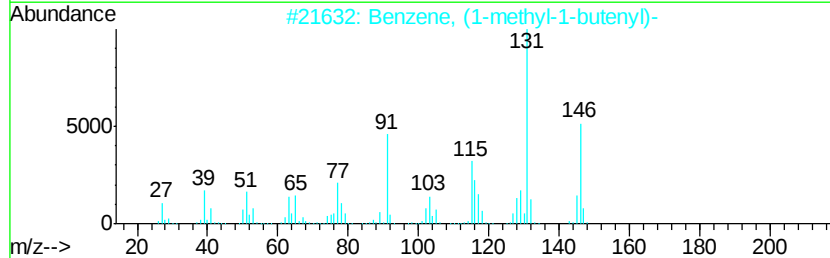
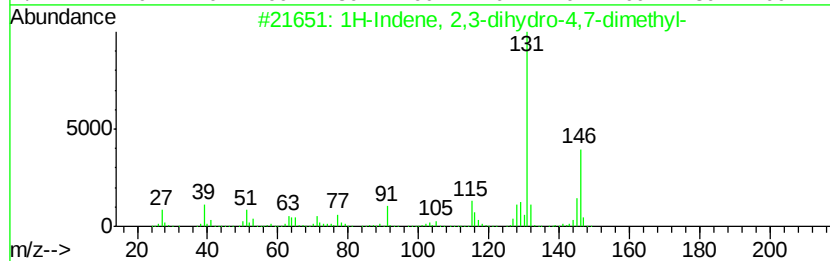
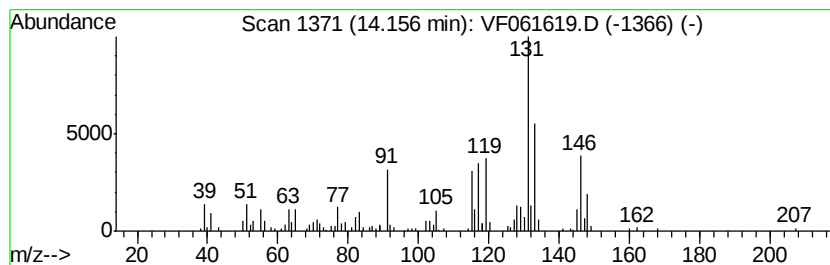
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	9.17 ug/l	168891	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061619.D
Acq On : 12 Feb 2019 20:05
Operator : VA/AP
Sample : K1343-25
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

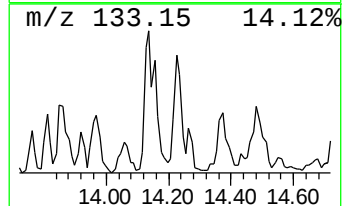
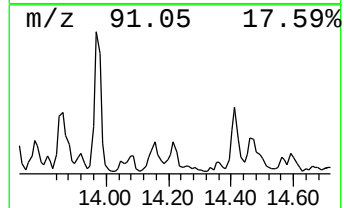
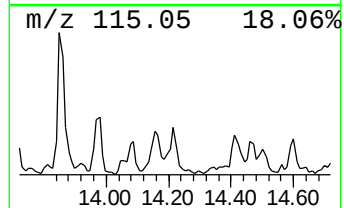
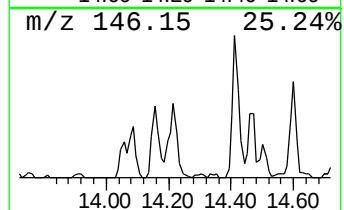
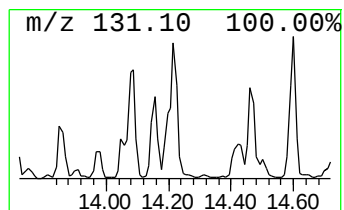
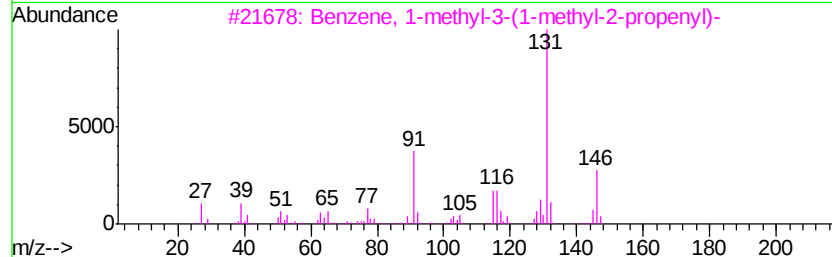
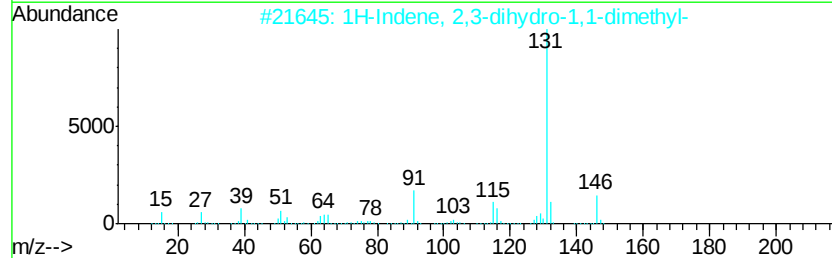
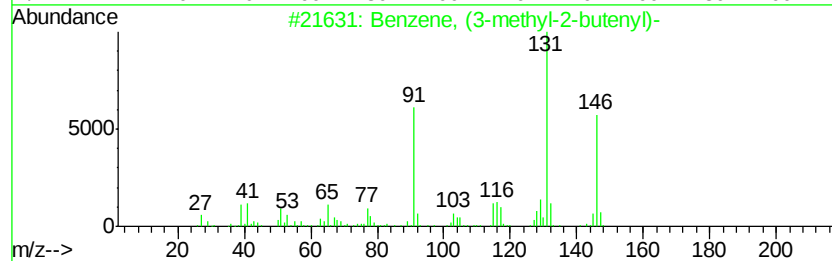
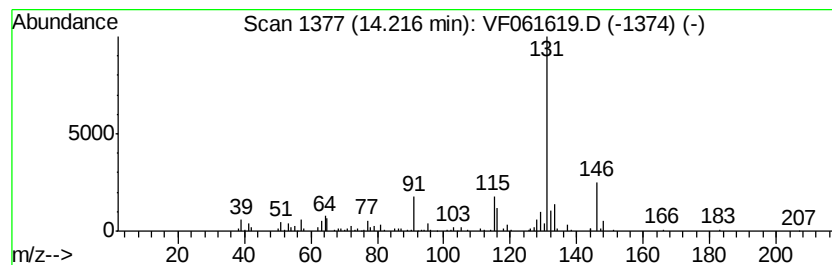
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, (3-methyl-2-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	7.59 ug/l	139700	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 87
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9 87
3		Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6 86
4		Benzene, 1-methyl-2-(1-methyl-2-...	146 C11H14	097664-19-2 86
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146 C11H14	027087-54-3 86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061619.D
Acq On : 12 Feb 2019 20:05
Operator : VA/AP
Sample : K1343-25
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

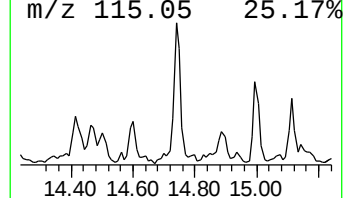
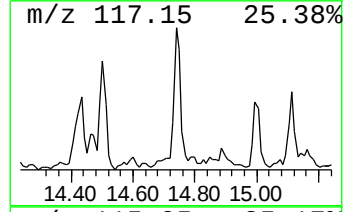
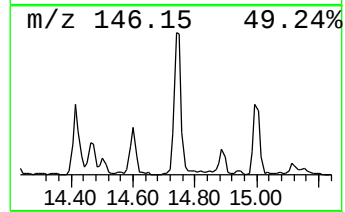
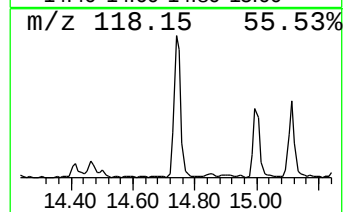
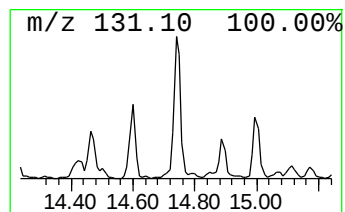
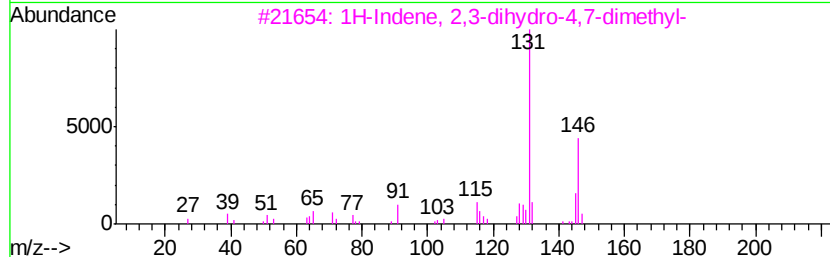
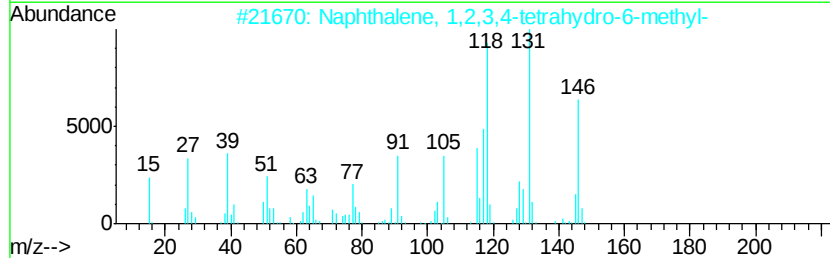
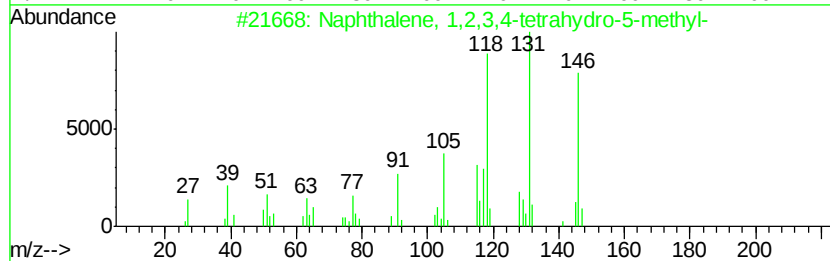
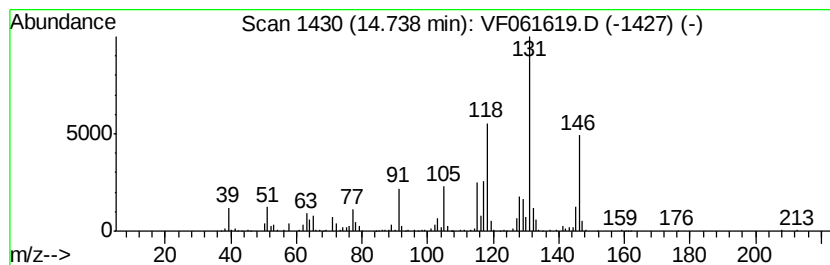
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.74	19.43 ug/l	357765	1,4-Dichlorobenzene-d4	12.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061619.D
Acq On : 12 Feb 2019 20:05
Operator : VA/AP
Sample : K1343-25
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

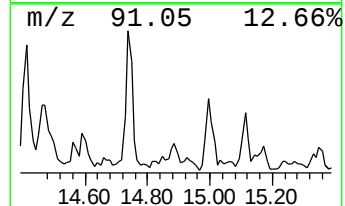
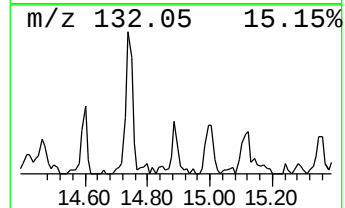
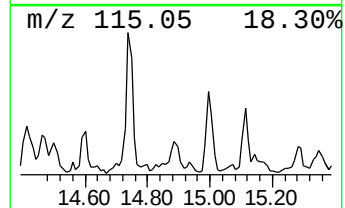
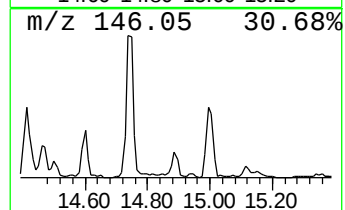
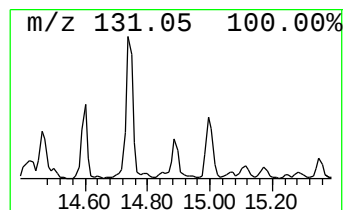
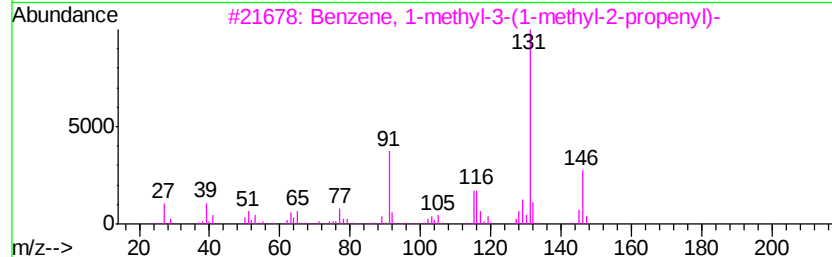
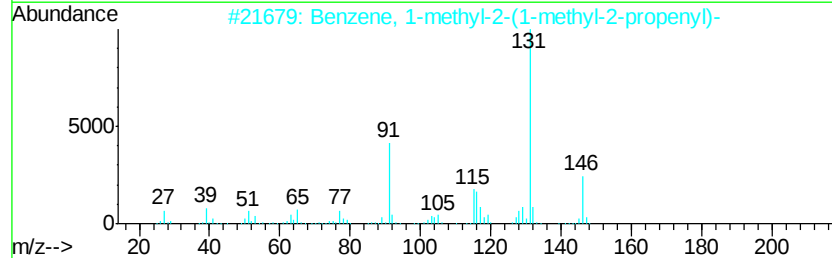
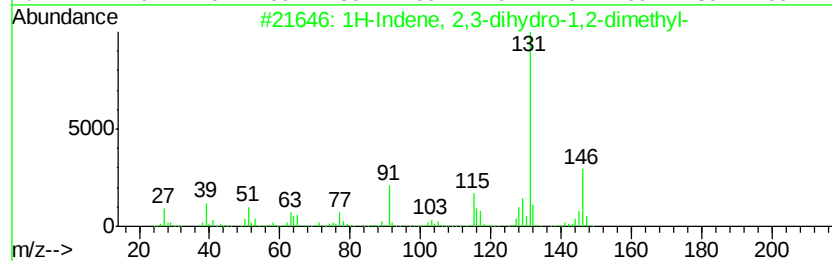
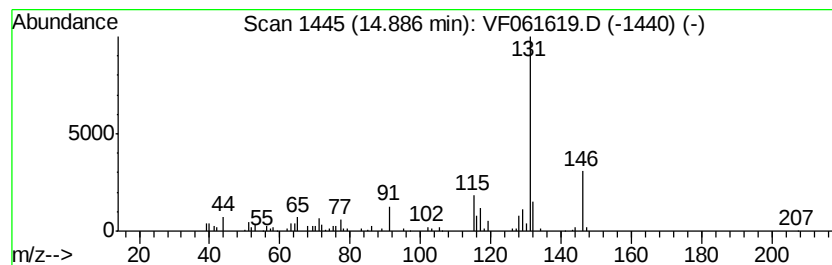
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	7.37 ug/l	135695	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14		017057-82-8	91
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14		097664-19-2	91
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14		052161-57-6	90
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14		097664-18-1	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14		006682-71-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
Data File : VF061619.D
Acq On : 12 Feb 2019 20:05
Operator : VA/AP
Sample : K1343-25
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

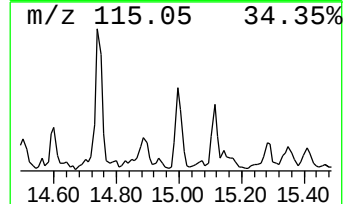
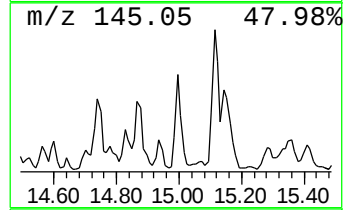
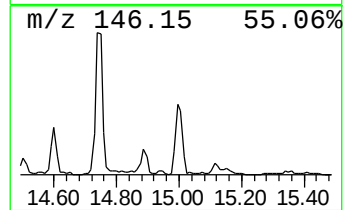
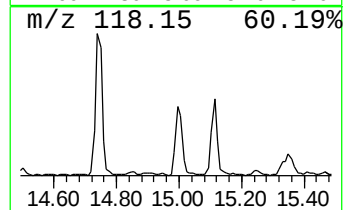
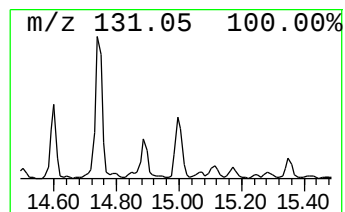
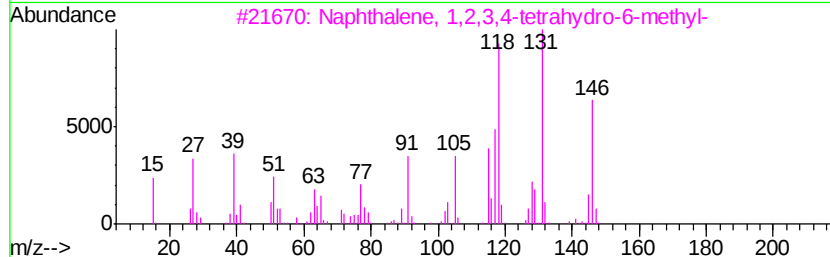
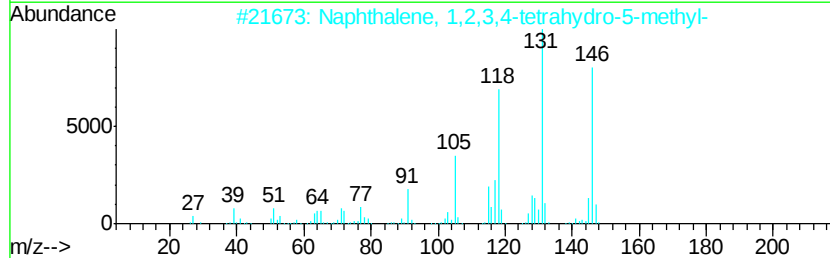
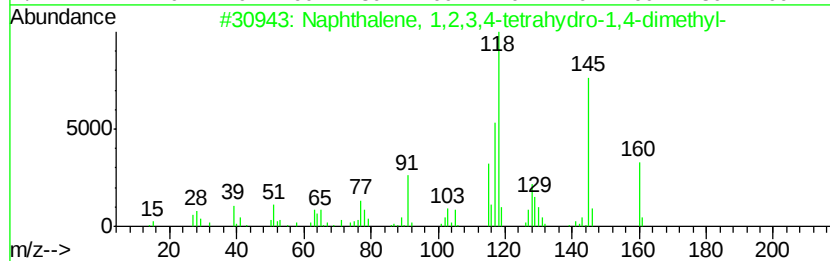
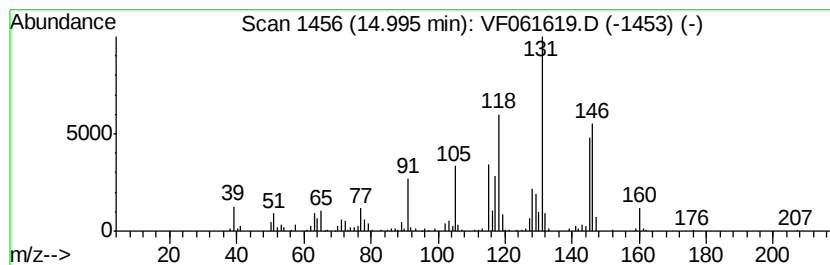
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	10.68 ug/l	196691	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
4		2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64
5		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061619.D
Acq On : 12 Feb 2019 20:05
Operator : VA/AP
Sample : K1343-25
Misc : 5.67g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-M

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.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-...	12.82	6.5	ug/l	120366	4	12.56	920552	50.0
1H-Indene, 2,3-di...	13.71	12.9	ug/l	237245	4	12.56	920552	50.0
Benzene, 2-etheny...	13.85	17.7	ug/l	325880	4	12.56	920552	50.0
Naphthalene, 1,2,...	13.97	11.8	ug/l	216724	4	12.56	920552	50.0
1H-Indene, 2,3-di...	14.16	9.2	ug/l	168891	4	12.56	920552	50.0
Benzene, (3-methy...	14.22	7.6	ug/l	139700	4	12.56	920552	50.0
Naphthalene, 1,2,...	14.74	19.4	ug/l	357765	4	12.56	920552	50.0
1H-Indene, 2,3-di...	14.89	7.4	ug/l	135695	4	12.56	920552	50.0
Naphthalene, 1,2,...	14.99	10.7	ug/l	196691	4	12.56	920552	50.0