

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060527.D
 Acq On : 26 Oct 2018 20:20
 Operator : VA/AP
 Sample : J5204-11
 Misc : 6.81/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-102518-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\82F102518S.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	1.115	45	49	53	rBV	14262	37269	2.09%	0.294%
2	2.288	163	168	169	rBV	26294	54140	3.04%	0.427%
3	2.337	169	173	179	rVB4	19540	66048	3.71%	0.521%
4	2.485	185	188	195	rBV8	10531	29308	1.65%	0.231%
5	4.200	356	362	365	rBV4	7599	25989	1.46%	0.205%
6	4.299	365	372	381	rVV	283978	876633	49.27%	6.914%
7	5.038	437	447	460	rBV2	514970	1779111	100.00%	14.031%
8	5.767	514	521	536	rBV	495212	1325586	74.51%	10.454%
9	7.709	712	718	724	rBV	651774	1523616	85.64%	12.016%
10	9.917	936	942	952	rBV	614611	1388281	78.03%	10.949%
11	10.262	974	977	984	rVB3	11745	29625	1.67%	0.234%
12	11.514	1099	1104	1112	rBV	638037	1090598	61.30%	8.601%
13	11.632	1114	1116	1120	rVV5	9176	24311	1.37%	0.192%
14	11.800	1131	1133	1137	rVB	16915	32848	1.85%	0.259%
15	11.908	1142	1144	1148	rVB2	13643	18529	1.04%	0.146%
16	12.293	1179	1183	1186	rBV2	25679	42640	2.40%	0.336%
17	12.362	1186	1190	1200	rBV4	36743	92463	5.20%	0.729%
18	12.628	1214	1217	1222	rBV	888657	1400138	78.70%	11.042%
19	12.805	1232	1235	1237	rBV2	17501	33841	1.90%	0.267%
20	12.845	1237	1239	1242	rVV3	11653	23396	1.32%	0.185%
21	12.904	1242	1245	1250	rVB4	19746	45464	2.56%	0.359%
22	13.081	1261	1263	1268	rVB2	19744	36249	2.04%	0.286%
23	13.170	1268	1272	1275	rVB4	13635	35553	2.00%	0.280%
24	13.229	1275	1278	1279	rBV	21527	34215	1.92%	0.270%
25	13.308	1279	1286	1287	rBV4	24298	72328	4.07%	0.570%
26	13.564	1302	1312	1315	rBV3	44411	190008	10.68%	1.499%
27	13.604	1315	1316	1319	rVV	21262	36810	2.07%	0.290%
28	13.643	1319	1320	1323	rVV3	17274	29008	1.63%	0.229%
29	13.693	1323	1325	1328	rVV3	17510	38914	2.19%	0.307%
30	13.771	1330	1333	1337	rVV5	64038	118638	6.67%	0.936%
31	13.831	1337	1339	1342	rVB4	13088	18253	1.03%	0.144%
32	13.880	1342	1344	1345	rBV	15538	19801	1.11%	0.156%
33	13.919	1345	1348	1352	rVV3	85829	175840	9.88%	1.387%
34	13.978	1352	1354	1357	rVB3	23275	39242	2.21%	0.309%

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Instrument :
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ClientSampleId :
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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
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Stop Thrs : 0
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Min Area: 3 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.038	1357	1360	1366	rBV3	66137	187067	10.51%	1.475%
36	14.146	1366	1371	1375	rVV2	61826	186542	10.49%	1.471%
37	14.215	1377	1378	1382	rVV4	40731	74141	4.17%	0.585%
38	14.284	1382	1385	1387	rVV3	40386	62071	3.49%	0.490%
39	14.422	1394	1399	1402	rVV4	49312	134020	7.53%	1.057%
40	14.471	1402	1404	1407	rVV2	32136	66036	3.71%	0.521%
41	14.521	1407	1409	1412	rVV2	54140	96434	5.42%	0.761%
42	14.629	1416	1420	1421	rVV4	31898	61015	3.43%	0.481%
43	14.659	1421	1423	1426	rVB2	48332	69270	3.89%	0.546%
44	14.806	1432	1438	1440	rBV	119280	212893	11.97%	1.679%
45	14.944	1448	1452	1456	rVB6	20790	53555	3.01%	0.422%
46	15.063	1461	1464	1467	rVB	70839	106662	6.00%	0.841%
47	15.122	1467	1470	1472	rBV4	12273	22830	1.28%	0.180%
48	15.171	1472	1475	1478	rVV	80579	115768	6.51%	0.913%
49	15.230	1479	1481	1483	rVB3	24616	30876	1.74%	0.244%
50	15.349	1489	1493	1496	rBV	89419	143018	8.04%	1.128%
51	15.408	1496	1499	1502	rVV2	35323	85006	4.78%	0.670%
52	15.477	1502	1506	1511	rVB	61508	109124	6.13%	0.861%
53	15.713	1526	1530	1535	rVB	38202	78562	4.42%	0.620%

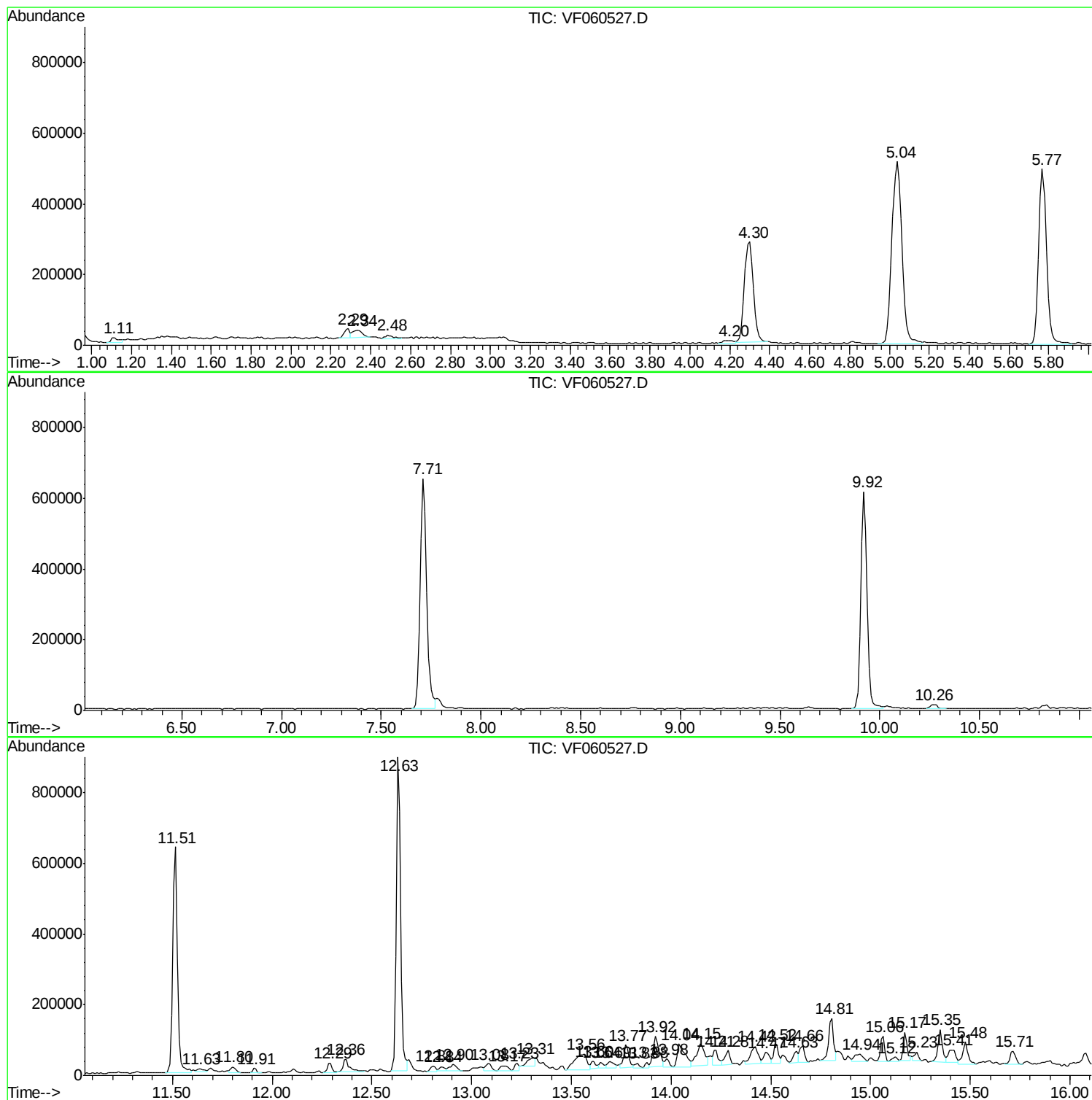
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ClientSampleId :
SU-02-102518-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260

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



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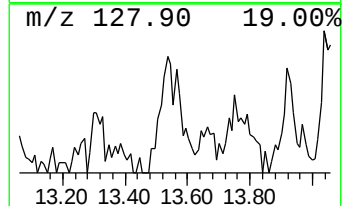
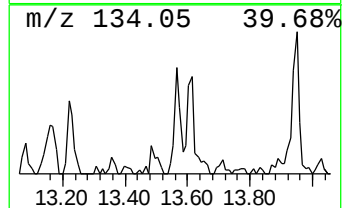
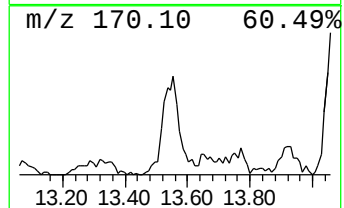
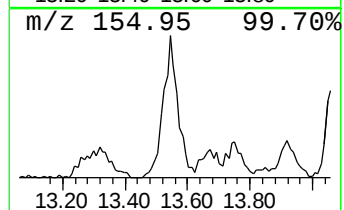
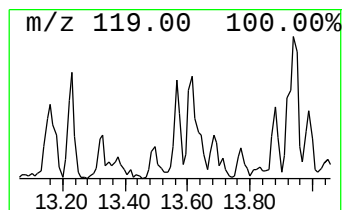
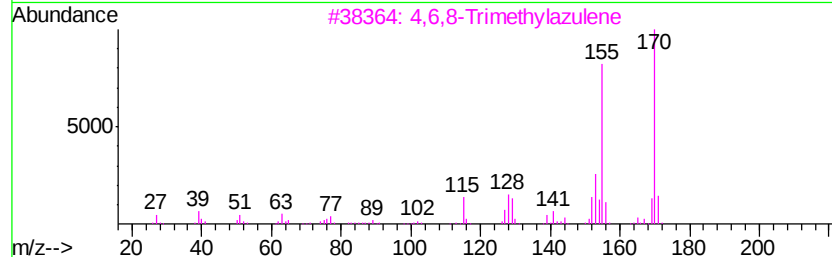
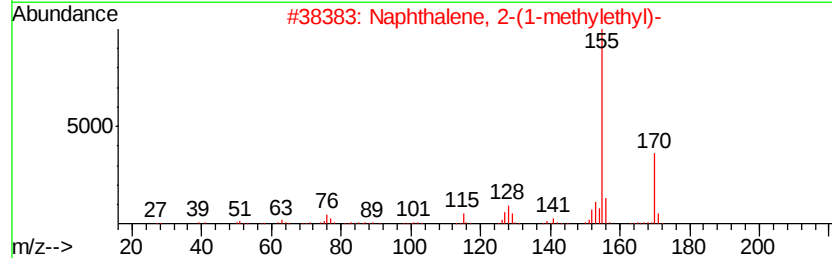
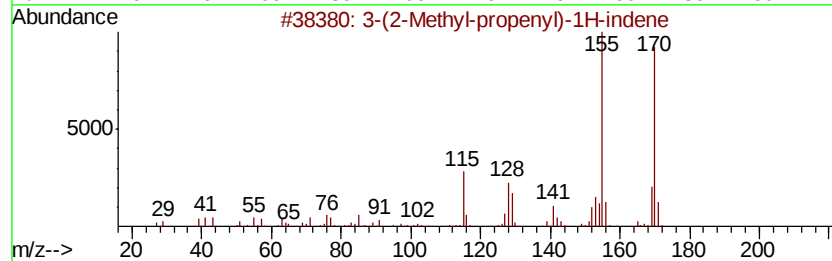
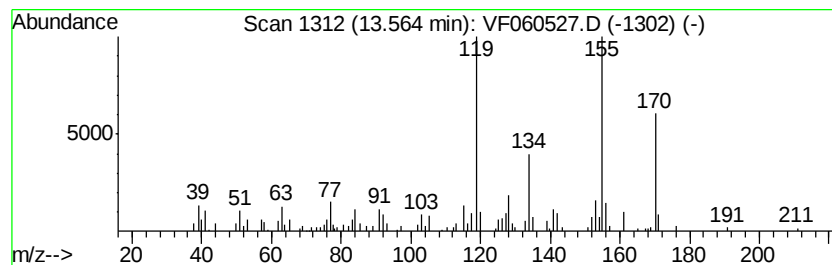
Instrument :
MSVOA_F
ClientSampled :
SU-02-102518-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260

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

Peak Number 1 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.56	6.79 ug/l	190008	1,4-Dichlorobenzene-d4		12.63	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55	
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50	
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50	
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	46	
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42	



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Instrument :
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ClientSampleId :
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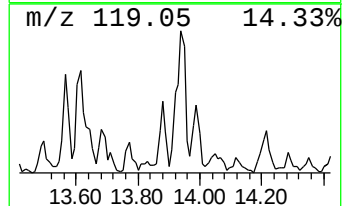
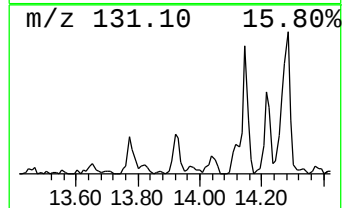
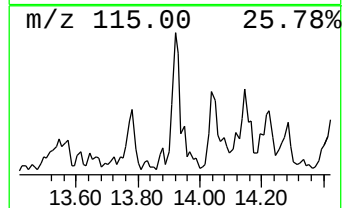
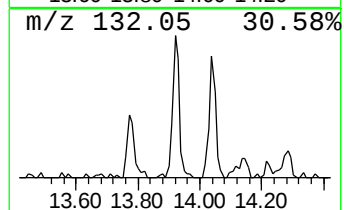
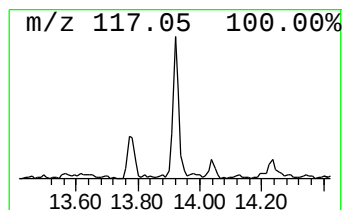
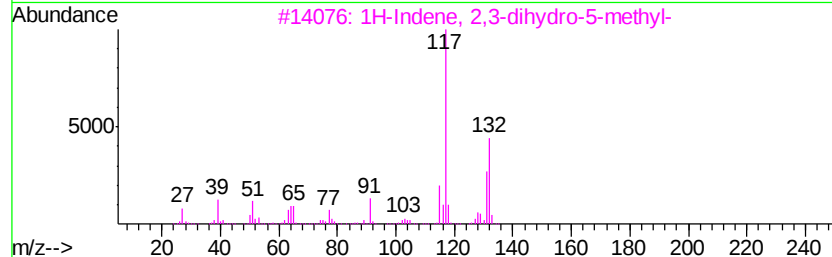
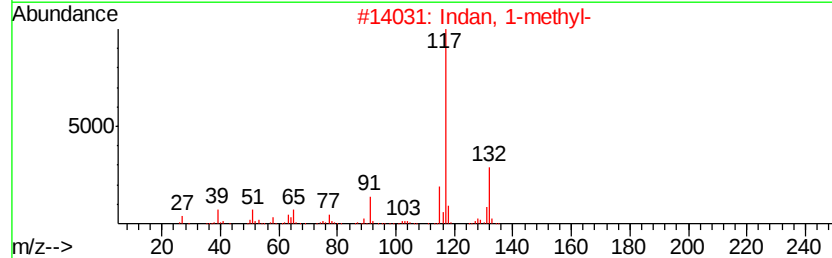
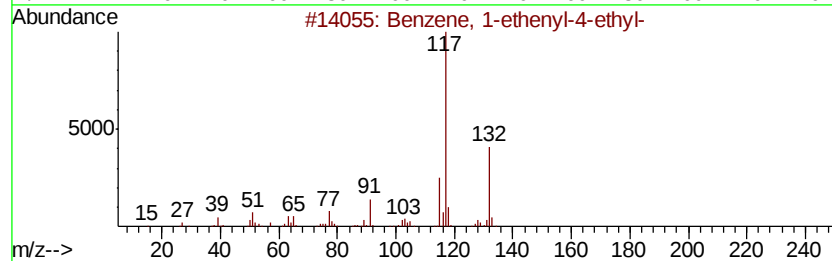
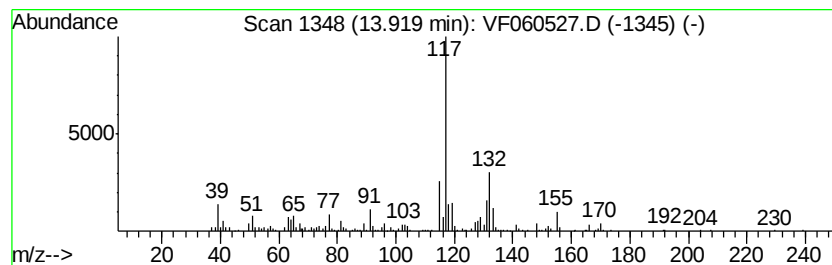
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.28 ug/l	175840	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
2		Indan, 1-methyl-	132	C10H12	000767-58-8	74
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	68
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	60
5		Benzene, 1-(chloromethyl)-3-eth...	152	C9H9Cl	039833-65-3	47



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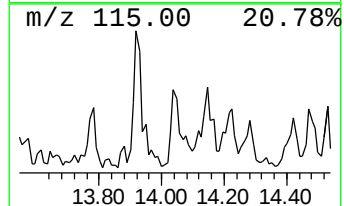
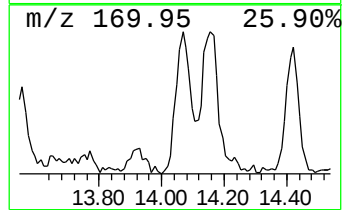
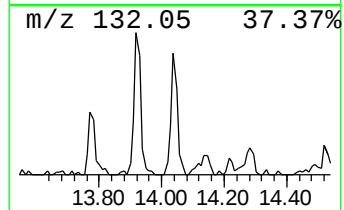
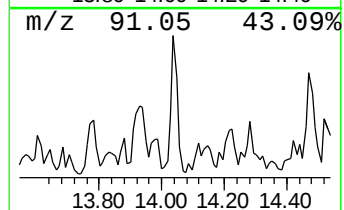
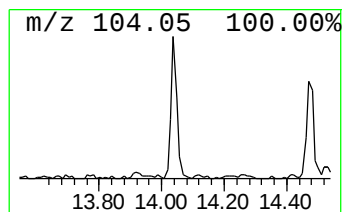
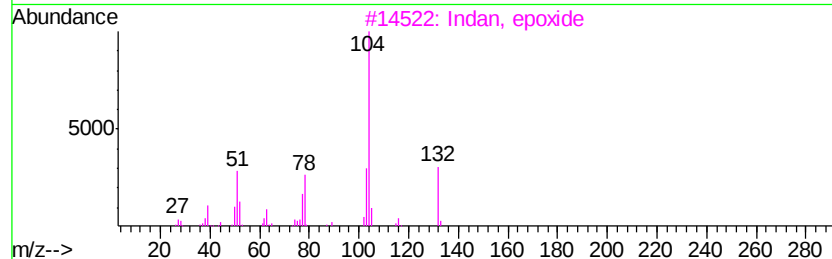
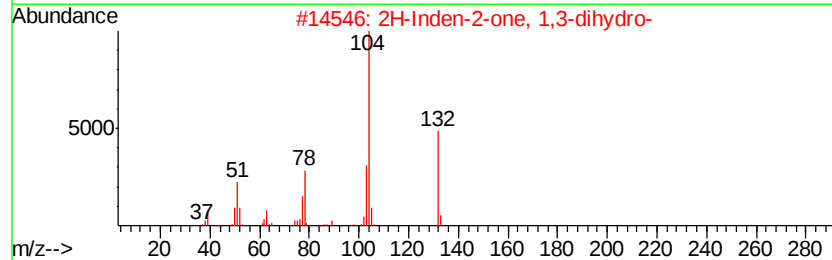
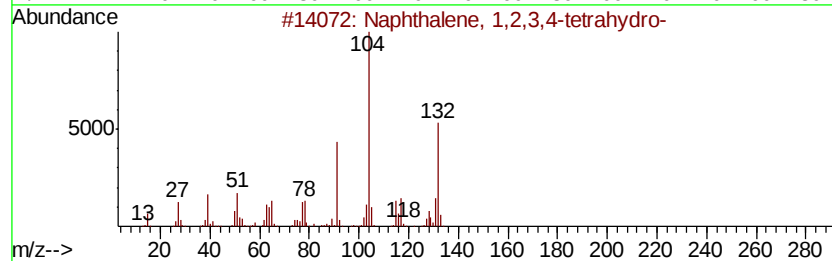
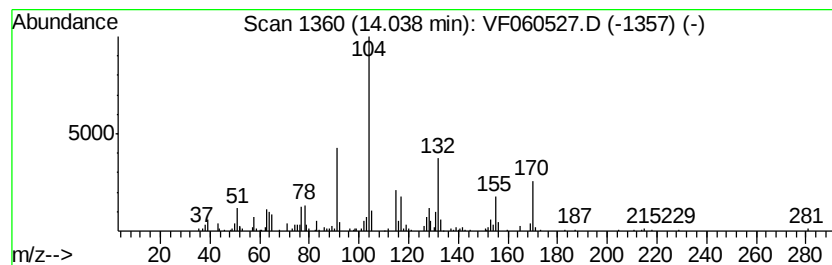
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	6.68 ug/l	187067	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3		Indan, epoxide	132	C9H8O	000768-22-9	50
4		Benzene, [2-(1,1-dimethylethyl)c...]	174	C13H18	1000362-12-2	43
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	35



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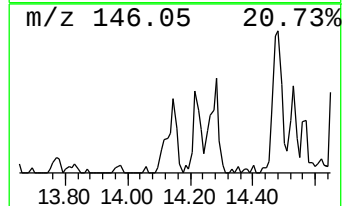
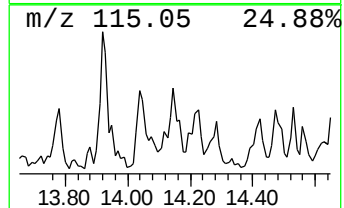
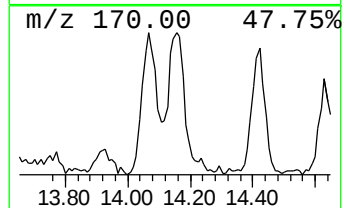
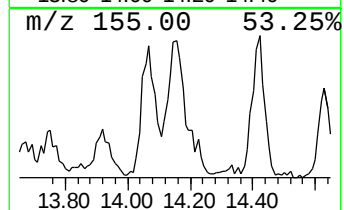
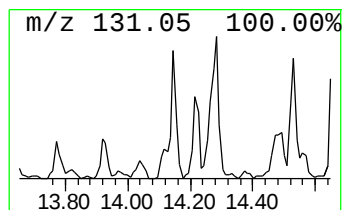
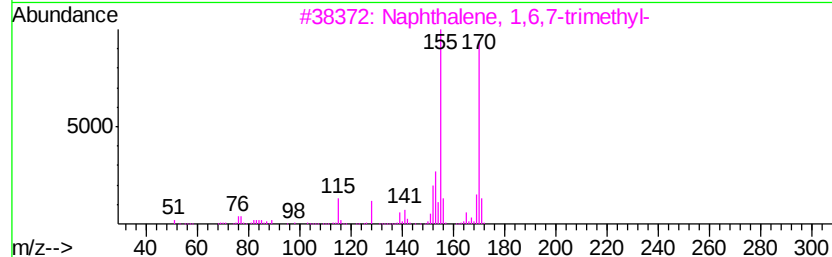
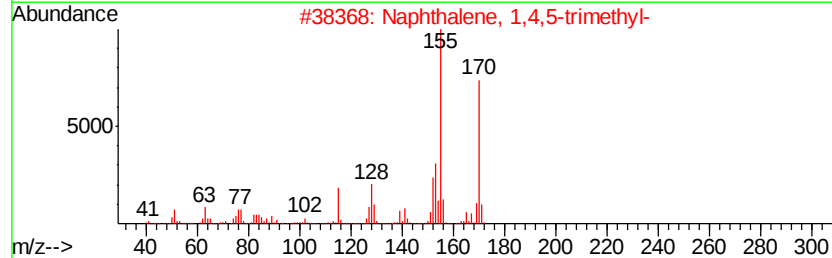
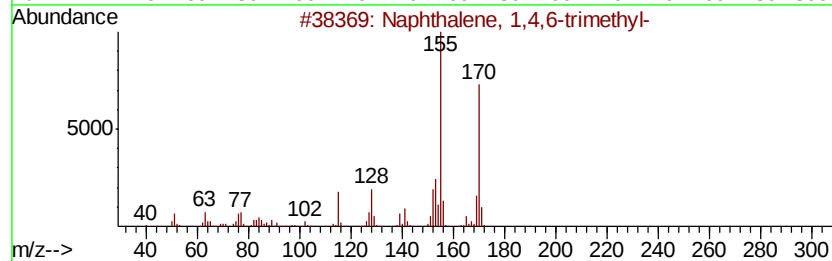
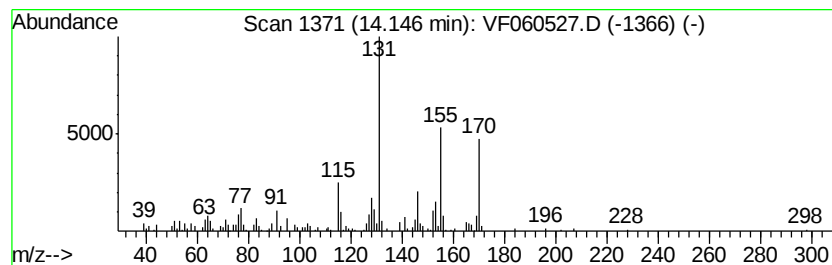
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	6.66 ug/l	186542	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	45
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	45



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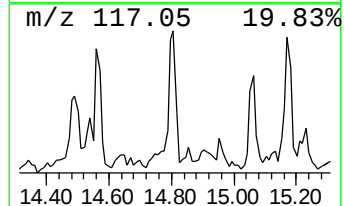
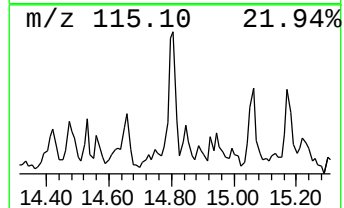
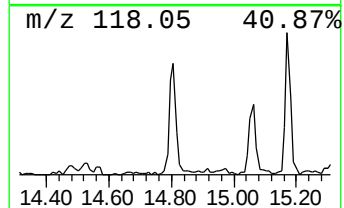
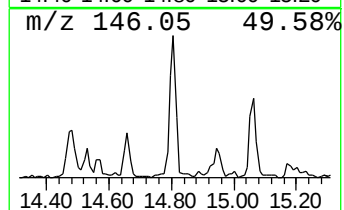
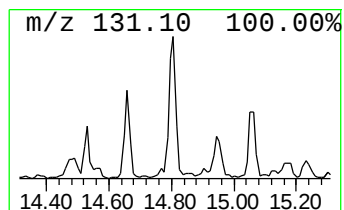
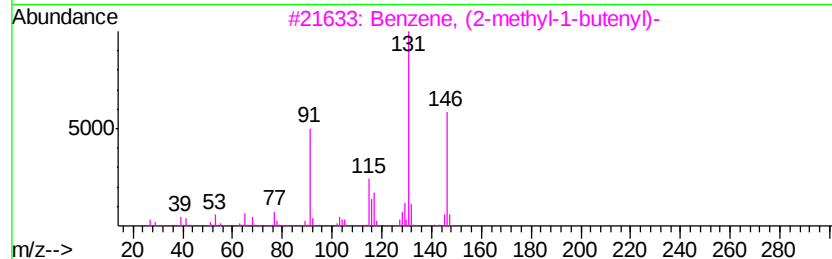
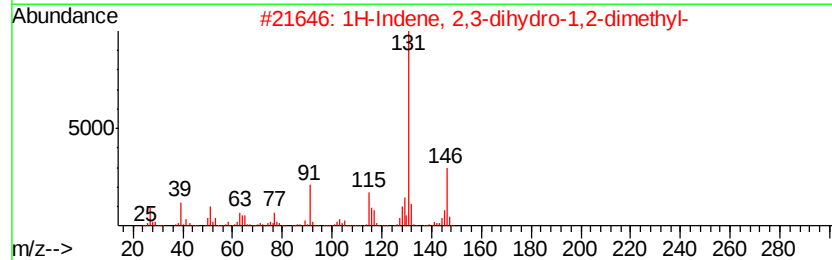
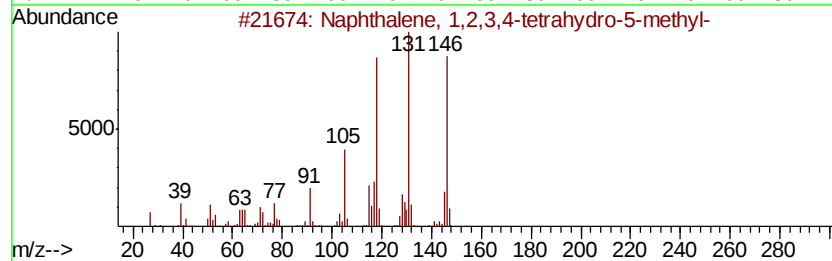
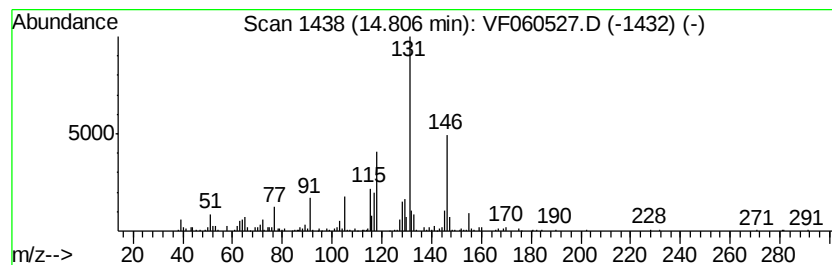
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	7.60 ug/l	212893	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
3		Benzene, (2-methyl-1-butenvl)-	146	C11H14	056253-64-6	81
4		Benzene, (1-methyl-1-butenvl)-	146	C11H14	053172-84-2	74
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF102618\
Data File : VF060527.D
Acq On : 26 Oct 2018 20:20
Operator : VA/AP
Sample : J5204-11
Misc : 6.81/5mL/MSVOA F/SOIL
ALS Vial : 43 Sample Multiplier: 1

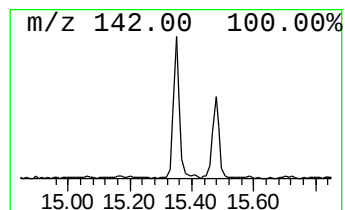
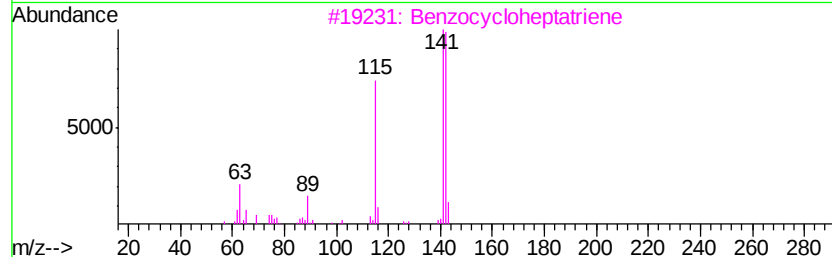
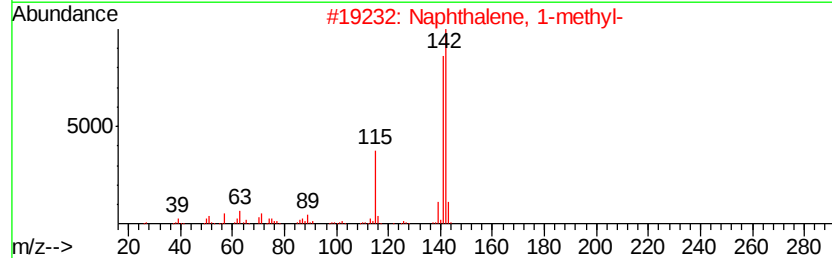
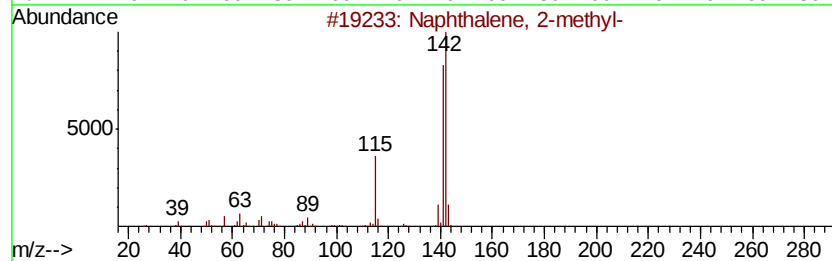
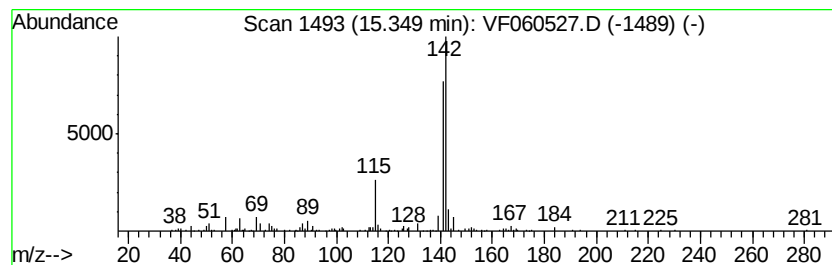
Instrument :
MSVOA_F
ClientSampleId :
SU-02-102518-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	5.11 ug/l	143018	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 91
3		Benzocycloheptatriene	142 C11H10	000264-09-5 78
4		Spiro(tricyclo[6.2.1.0(2,7)]undec-5-en-2-ylidene)-2,5-dimethyl-2,5-dihydro-1H-benzocycloheptatriene	186 C13H14O	1000210-02-3 78
5		Naphthalene, 1-[(2-propenyloxy)methyl]-	198 C14H14O	074685-39-5 78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF102618\
Data File : VF060527.D
Acq On : 26 Oct 2018 20:20
Operator : VA/AP
Sample : J5204-11
Misc : 6.81/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SU-02-102518-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.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
3-(2-Methyl-prope...	13.56	6.8	ug/l	190008	4	12.63	1400140	50.0
Benzene, 1-etheny...	13.92	6.3	ug/l	175840	4	12.63	1400140	50.0
Naphthalene, 1,2,...	14.04	6.7	ug/l	187067	4	12.63	1400140	50.0
Naphthalene, 1,4,...	14.15	6.7	ug/l	186542	4	12.63	1400140	50.0
Naphthalene, 1,2,...	14.81	7.6	ug/l	212893	4	12.63	1400140	50.0
Naphthalene, 1-me...	15.35	5.1	ug/l	143018	4	12.63	1400140	50.0