

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
 Data File : VD060665.D
 Acq On : 20 Dec 2018 18:24
 Operator : VA/AP
 Sample : J6481-03
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PROP-SW-1

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_D\METHOD\82D122018S.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	1.450	17	23	52	rBV	863479	3630393	100.00%	14.977%
2	3.724	249	254	259	rBV2	31716	84630	2.33%	0.349%
3	5.652	442	450	459	rBV	15088	55934	1.54%	0.231%
4	6.322	512	518	522	rBV	300066	750174	20.66%	3.095%
5	6.410	522	527	545	rVB	443202	1215016	33.47%	5.013%
6	6.784	559	565	581	rVB	268951	671547	18.50%	2.770%
7	7.444	626	632	644	rBV	672374	1564479	43.09%	6.454%
8	9.451	831	836	848	rBV	633206	1422703	39.19%	5.869%
9	11.281	1018	1022	1033	rBV	1164337	1827058	50.33%	7.538%
10	11.931	1085	1088	1094	rVB	38339	54612	1.50%	0.225%
11	12.423	1135	1138	1147	rVB	786500	1088316	29.98%	4.490%
12	12.797	1173	1176	1182	rVB3	53986	92350	2.54%	0.381%
13	12.945	1188	1191	1193	rBV	54826	70529	1.94%	0.291%
14	13.289	1224	1226	1230	rVV2	24382	37308	1.03%	0.154%
15	13.368	1231	1234	1237	rVV	1205279	1651933	45.50%	6.815%
16	13.407	1237	1238	1243	rVV	154060	184727	5.09%	0.762%
17	13.555	1250	1253	1258	rVV2	123949	273055	7.52%	1.126%
18	13.624	1258	1260	1266	rVV	156205	251816	6.94%	1.039%
19	13.761	1272	1274	1277	rVV	67798	85355	2.35%	0.352%
20	13.820	1278	1280	1282	rVV	66179	100989	2.78%	0.417%
21	13.850	1282	1283	1286	rVV	65803	68193	1.88%	0.281%
22	13.899	1286	1288	1290	rVV	167267	199145	5.49%	0.822%
23	13.938	1290	1292	1294	rVV2	45140	56433	1.55%	0.233%
24	13.988	1294	1297	1302	rVV2	147631	261073	7.19%	1.077%
25	14.076	1302	1306	1308	rVV2	27153	58142	1.60%	0.240%
26	14.116	1308	1310	1313	rVV2	75353	121336	3.34%	0.501%
27	14.194	1315	1318	1319	rVV	111786	168973	4.65%	0.697%
28	14.224	1319	1321	1324	rVV	226641	266867	7.35%	1.101%
29	14.273	1324	1326	1328	rVV2	100007	144997	3.99%	0.598%
30	14.312	1328	1330	1333	rVV2	58104	97611	2.69%	0.403%
31	14.411	1333	1340	1345	rVV2	177970	461669	12.72%	1.905%
32	14.470	1345	1346	1348	rVV	102702	109276	3.01%	0.451%
33	14.519	1348	1351	1355	rVV	570843	833853	22.97%	3.440%
34	14.578	1355	1357	1360	rVV	81448	130595	3.60%	0.539%

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35	14.637	1360	1363	1366	rVV	387176	530619	14.62%	2.189%
36	14.745	1366	1374	1376	rVV2	157565	497223	13.70%	2.051%
37	14.775	1376	1377	1379	rVV	194050	195142	5.38%	0.805%
38	14.844	1379	1384	1386	rVV2	195919	447737	12.33%	1.847%
39	14.913	1390	1391	1393	rVV2	35726	42737	1.18%	0.176%
40	14.972	1393	1397	1399	rVV	104559	232291	6.40%	0.958%
41	15.021	1399	1402	1404	rVV	201170	304380	8.38%	1.256%
42	15.070	1404	1407	1409	rVV	229760	390159	10.75%	1.610%
43	15.100	1409	1410	1412	rVV2	111998	150011	4.13%	0.619%
44	15.139	1412	1414	1418	rVV4	64181	133595	3.68%	0.551%
45	15.198	1418	1420	1424	rVV	184740	296410	8.16%	1.223%
46	15.267	1424	1427	1429	rVV3	42409	93312	2.57%	0.385%
47	15.326	1429	1433	1434	rVV2	162158	315307	8.69%	1.301%
48	15.356	1434	1436	1440	rVV	457269	651814	17.95%	2.689%
49	15.424	1440	1443	1445	rVV2	93152	169420	4.67%	0.699%
50	15.474	1445	1448	1451	rVV	147717	270788	7.46%	1.117%
51	15.513	1451	1452	1455	rVV2	44551	55981	1.54%	0.231%
52	15.582	1455	1459	1461	rVV	279871	402450	11.09%	1.660%
53	15.621	1461	1463	1469	rVV5	27256	91610	2.52%	0.378%
54	15.720	1469	1473	1476	rVV	171926	344461	9.49%	1.421%
55	15.769	1476	1478	1481	rVV	147770	232472	6.40%	0.959%
56	15.907	1488	1492	1495	rVV2	77120	152576	4.20%	0.629%
57	15.956	1495	1497	1500	rVV	31788	45548	1.25%	0.188%
58	16.015	1500	1503	1508	rVB2	32840	60861	1.68%	0.251%
59	16.310	1530	1533	1541	rVB2	18811	41487	1.14%	0.171%

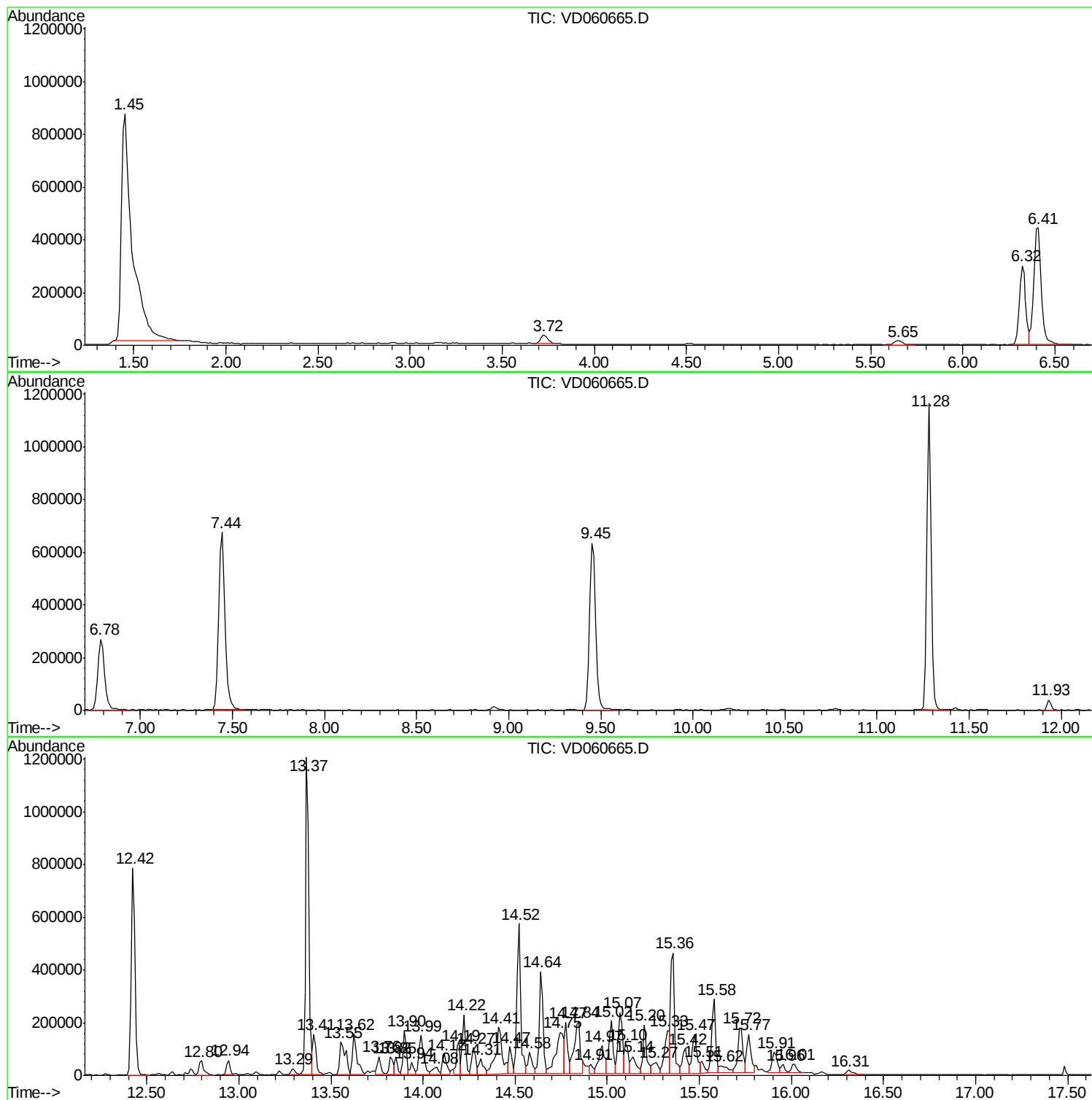
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Quant Title : SW846 8260

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



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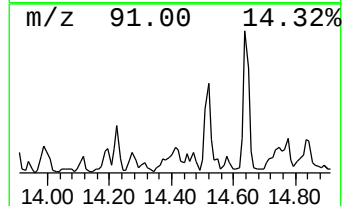
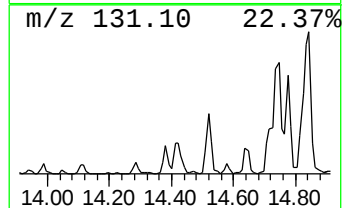
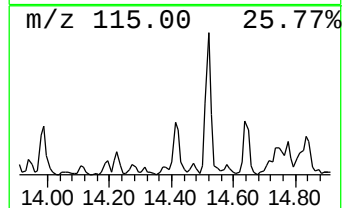
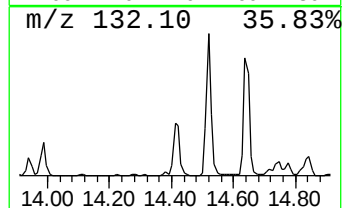
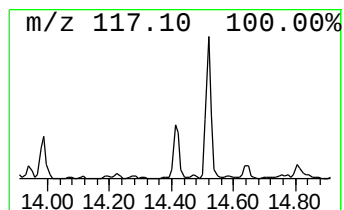
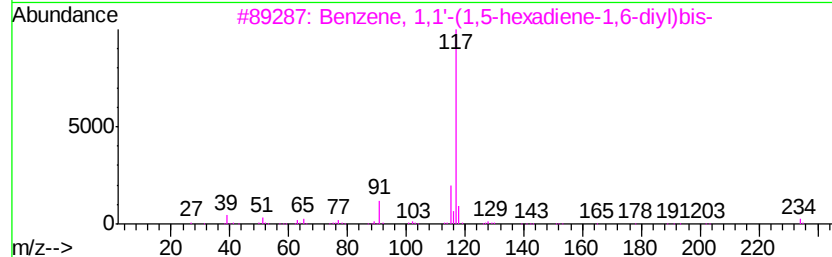
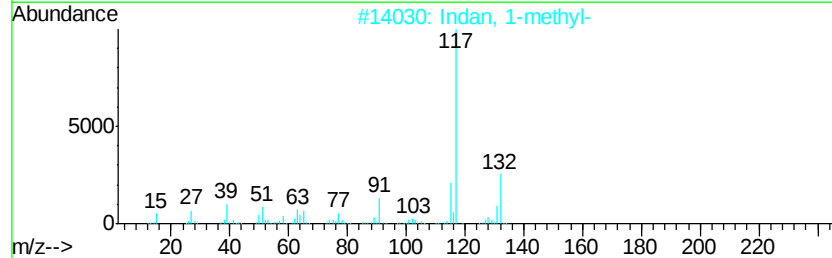
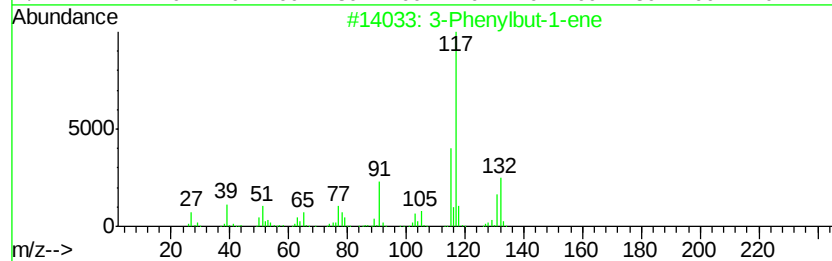
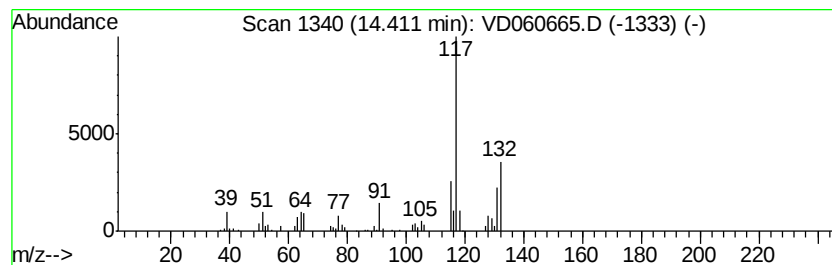
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 2 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	13.97 ug/l	461669	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	50
4		Indolizine	117	C8H7N	000274-40-8	47
5		Indole	117	C8H7N	000120-72-9	43



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ALS Vial : 15 Sample Multiplier: 1

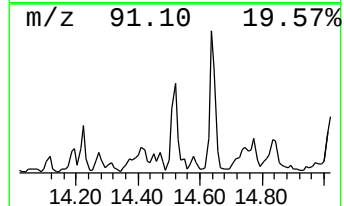
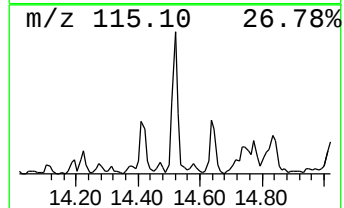
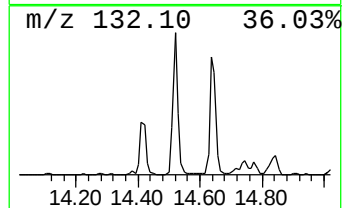
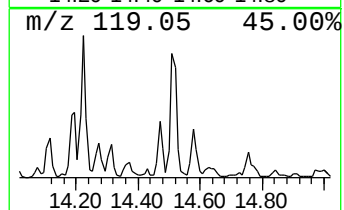
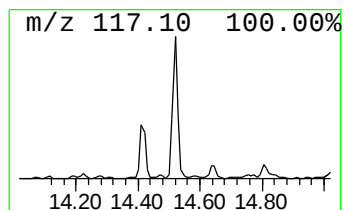
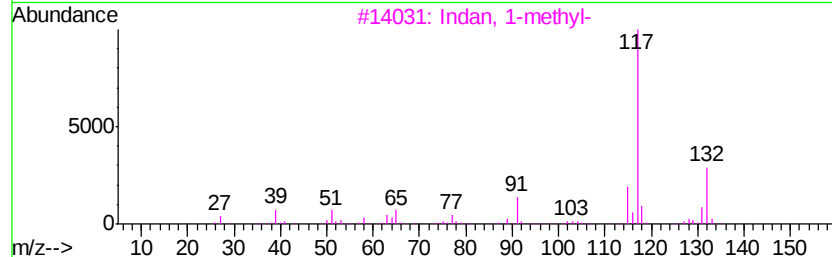
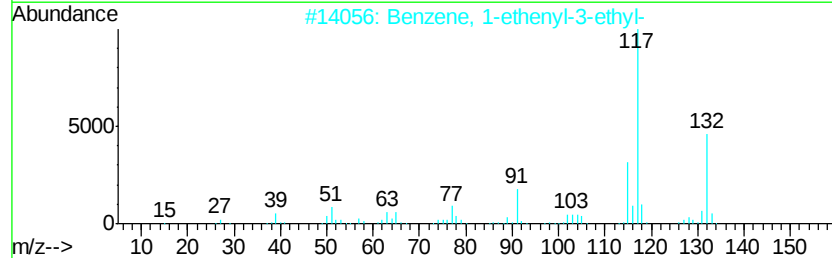
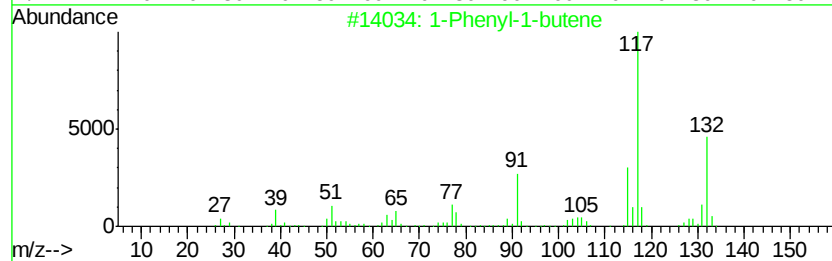
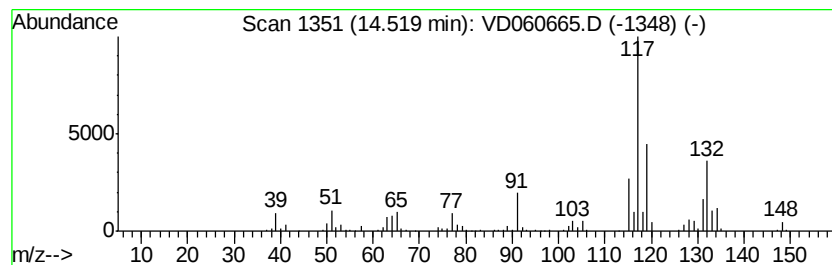
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 3 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	25.24 ug/l	833853	1,4-Dichlorobenzene-d4	13.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Phenyl-1-butene	132 C10H12	000824-90-8	70
2	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	70
3	Indan, 1-methyl-	132 C10H12	000767-58-8	70
4	Benzene, 2-butenyl-	132 C10H12	001560-06-1	70
5	3-Phenylbut-1-ene	132 C10H12	000934-10-1	70



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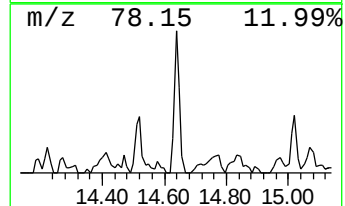
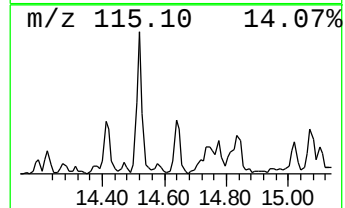
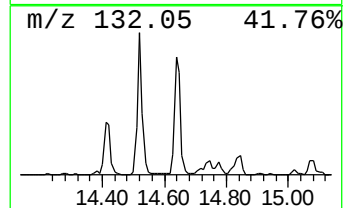
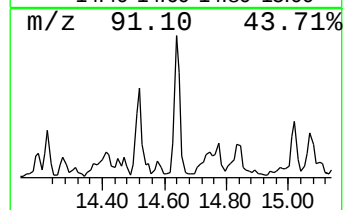
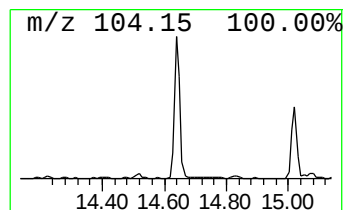
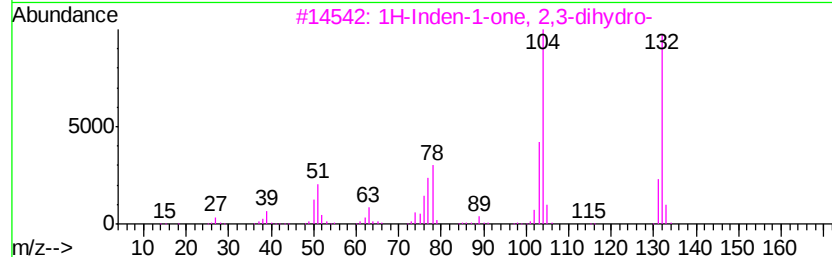
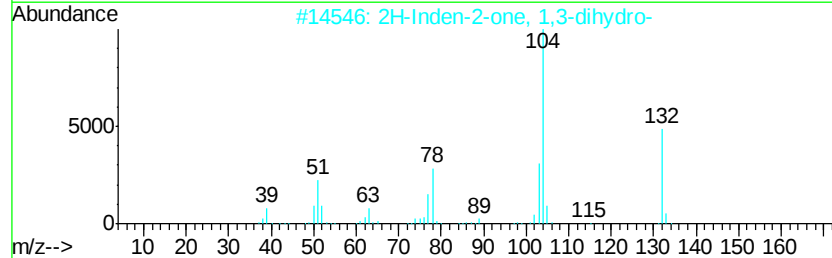
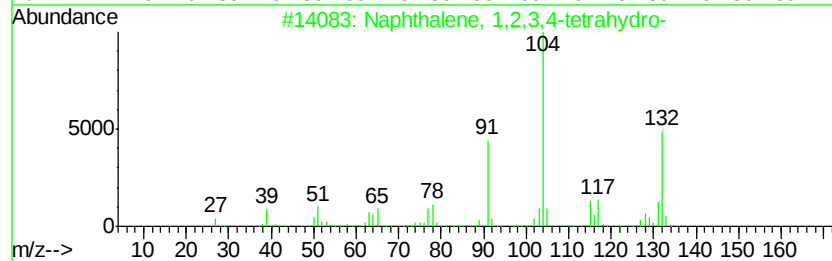
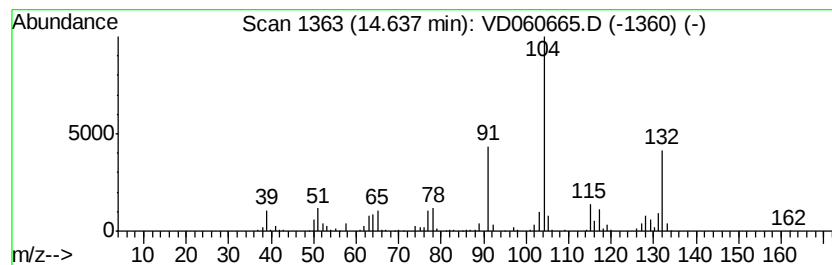
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	16.06 ug/l	530619	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62
3		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	46
4		Acetic acid, trichloro-, 2-pheny...	266	C10H9Cl3O2	071965-07-6	43
5		Benzoic acid, 2-phenylethyl ester	226	C15H14O2	000094-47-3	38



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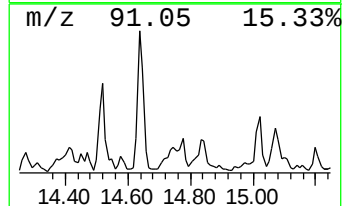
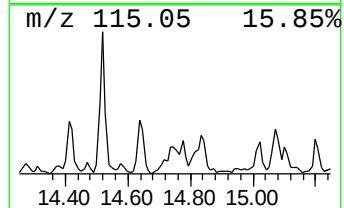
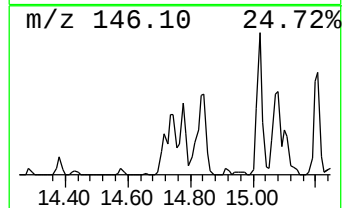
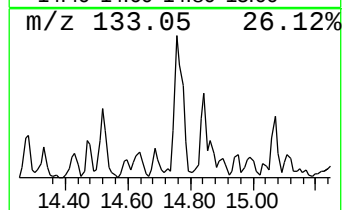
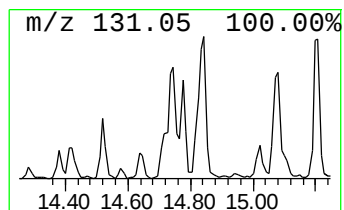
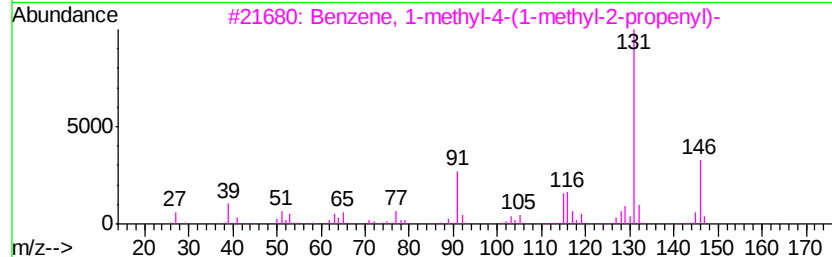
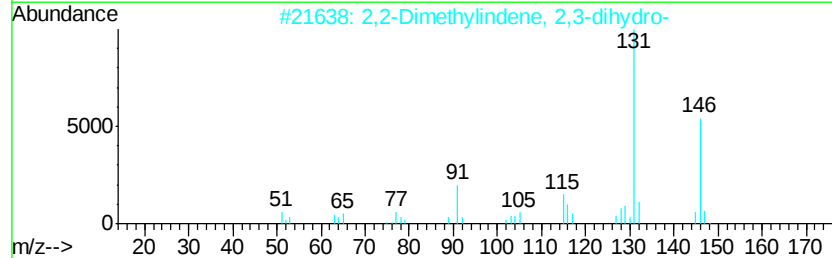
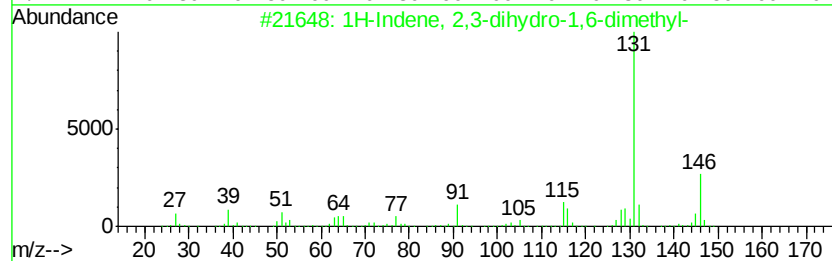
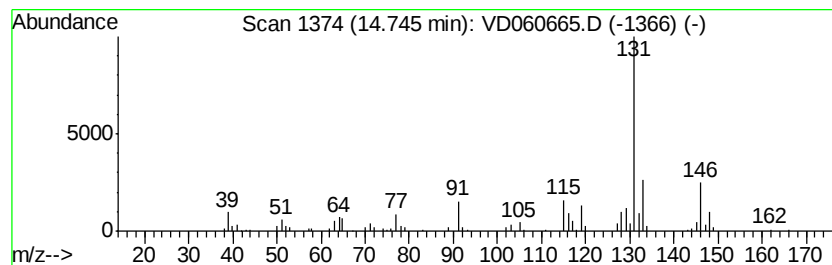
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Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 5

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14.75	15.05 ug/l	497223	1,4-Dichlorobenzene-d4	13.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 95
2		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 93
3		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 90
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 90
5		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 76



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ALS Vial : 15 Sample Multiplier: 1

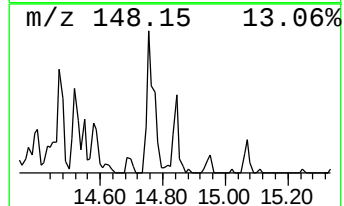
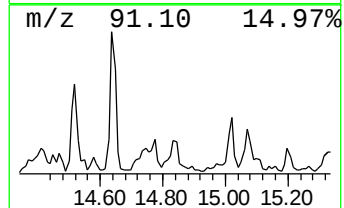
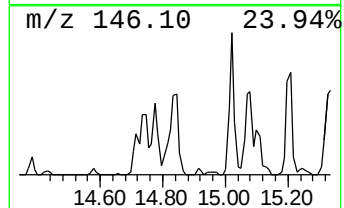
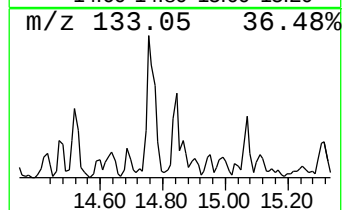
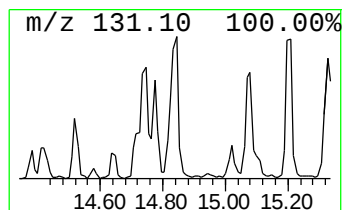
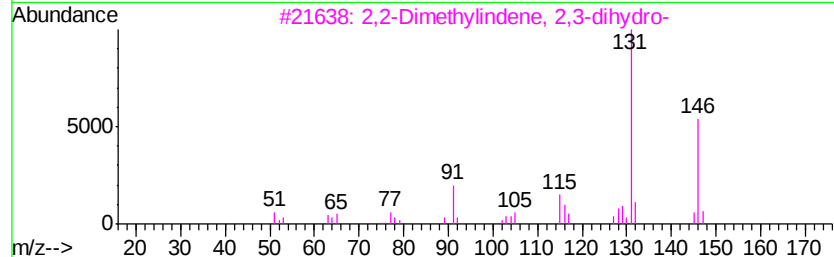
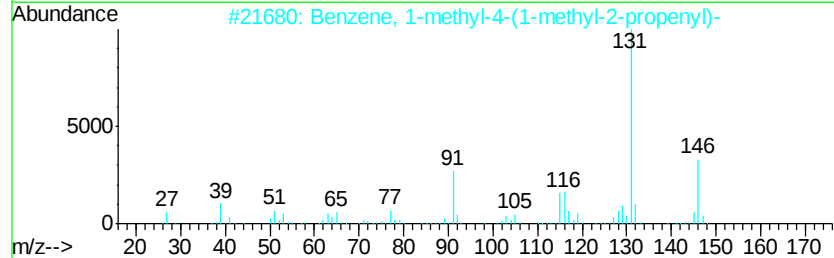
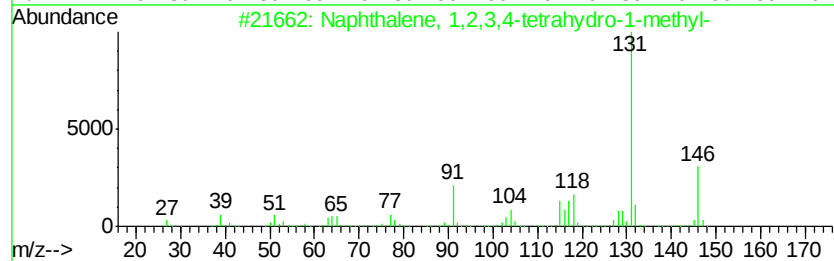
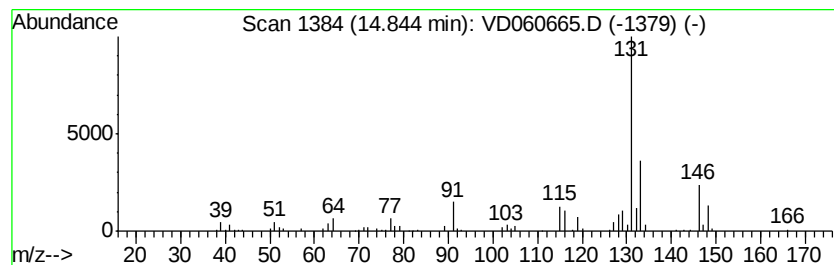
Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	13.55 ug/l	447737	1,4-Dichlorobenzene-d4	13.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 81
2		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 81
3		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 81
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 81
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060665.D
Acq On : 20 Dec 2018 18:24
Operator : VA/AP
Sample : J6481-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

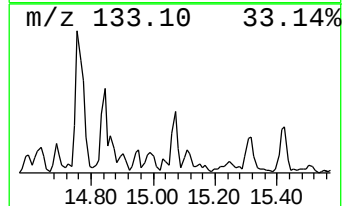
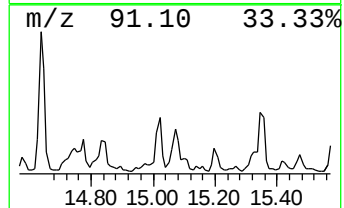
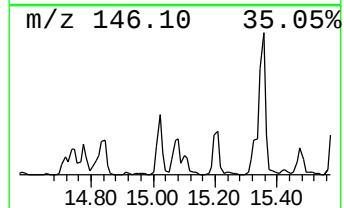
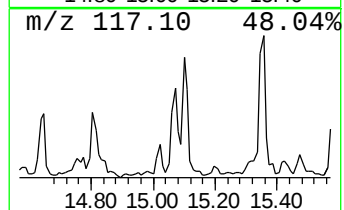
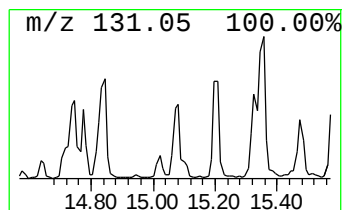
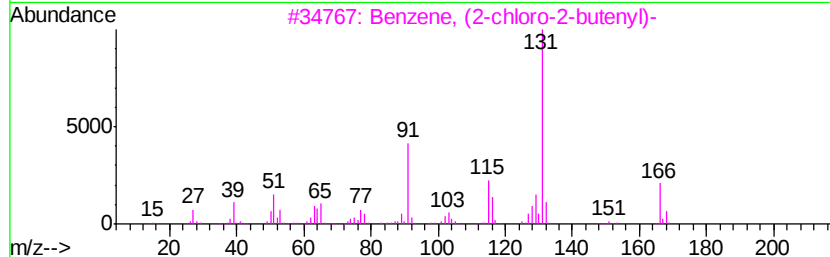
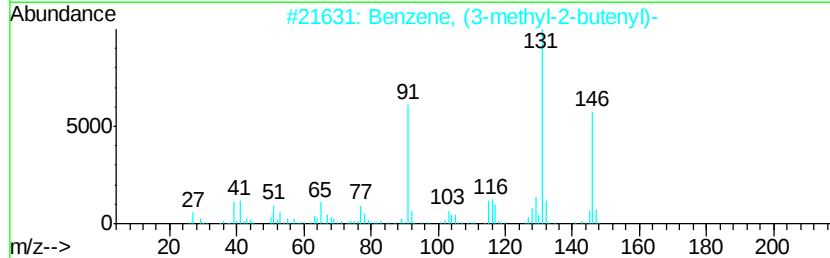
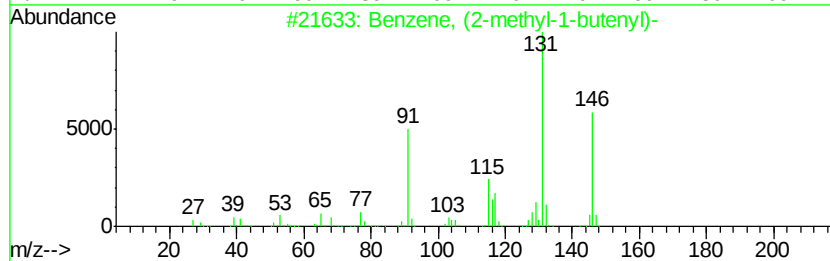
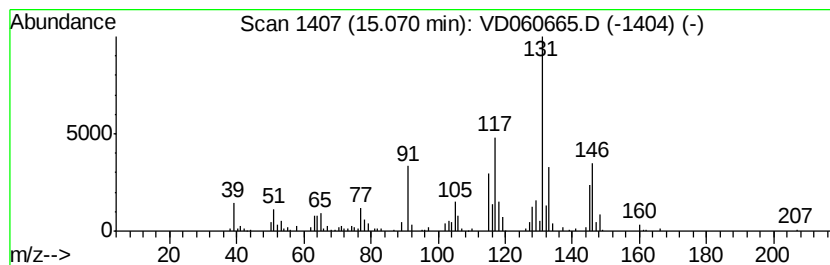
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	11.81 ug/l	390159	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	92
3		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	87
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
5		1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060665.D
Acq On : 20 Dec 2018 18:24
Operator : VA/AP
Sample : J6481-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

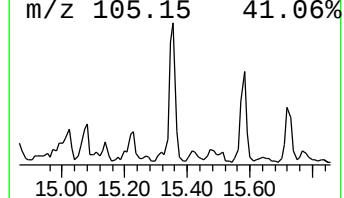
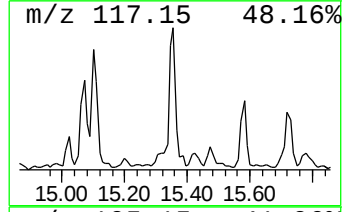
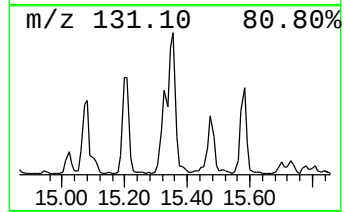
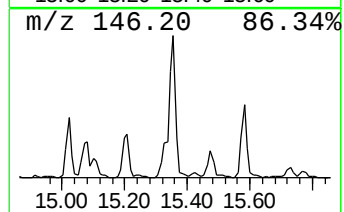
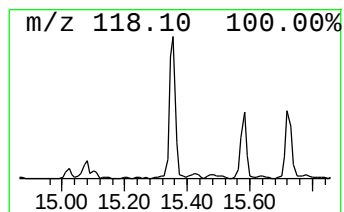
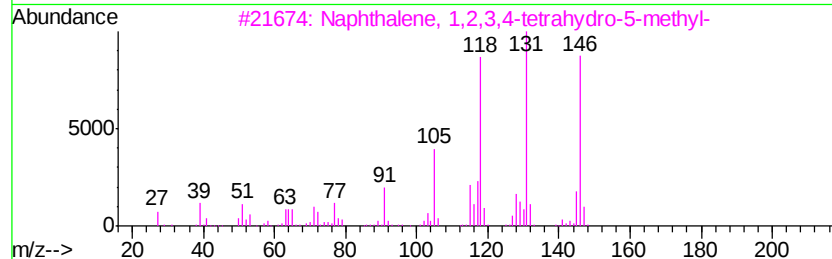
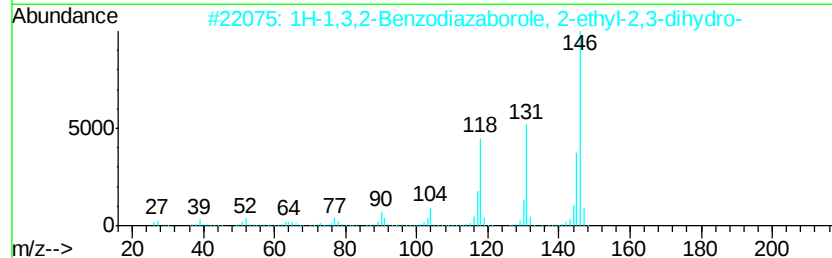
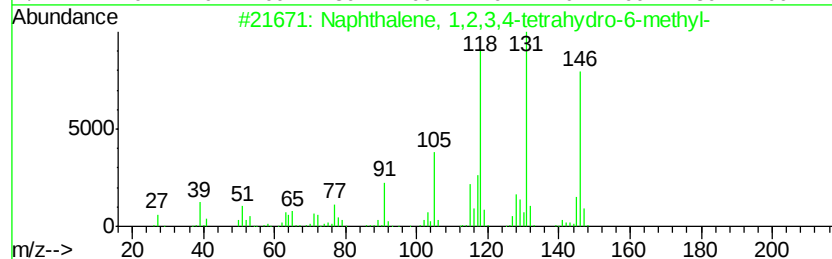
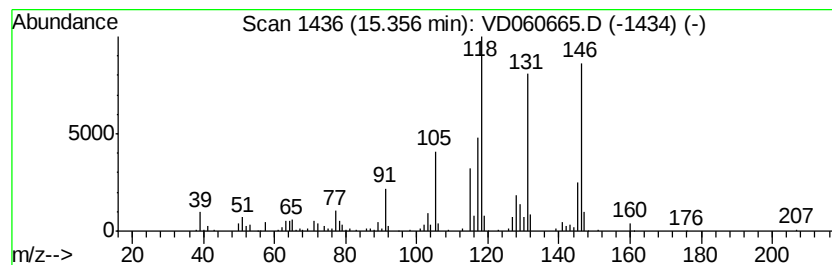
Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	19.73 ug/l	651814	1,4-Dichlorobenzene-d4	13.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 95
2		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 90
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 70
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 64
5		2-Propyn-1-ol, 3-(4-methylphenyl)-	146 C10H10O	016017-24-6 52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060665.D
Acq On : 20 Dec 2018 18:24
Operator : VA/AP
Sample : J6481-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

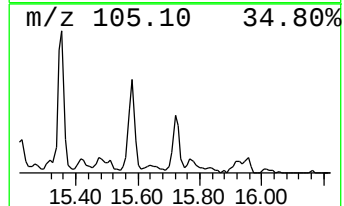
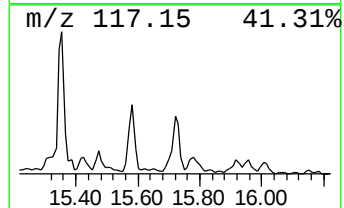
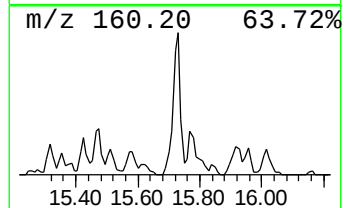
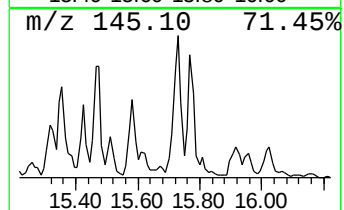
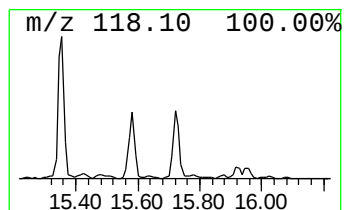
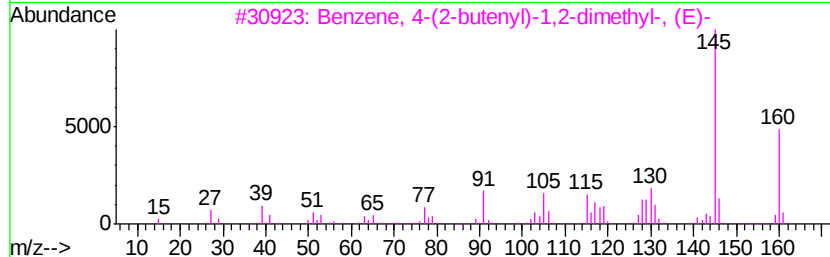
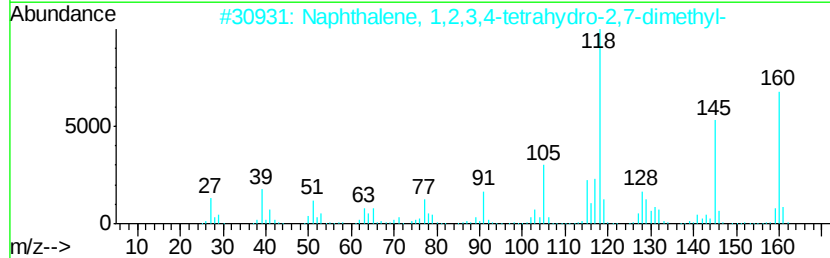
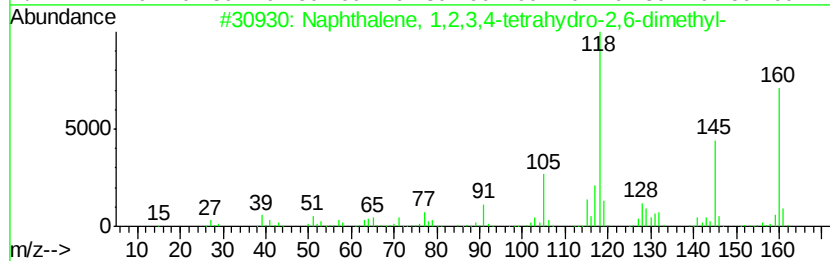
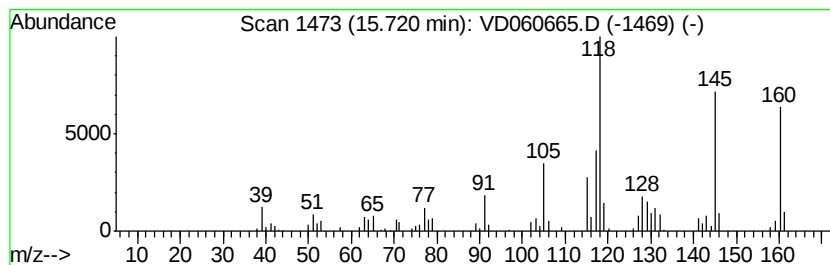
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	10.43 ug/l	344461	1,4-Dichlorobenzene-d4	13.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
4		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	68
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060665.D
Acq On : 20 Dec 2018 18:24
Operator : VA/AP
Sample : J6481-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.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-Phenylbut-1-ene	14.41	14.0	ug/l	461669	4	13.37	1651930	50.0
1-Phenyl-1-butene	14.52	25.2	ug/l	833853	4	13.37	1651930	50.0
Naphthalene, 1,2,...	14.64	16.1	ug/l	530619	4	13.37	1651930	50.0
1H-Indene, 2,3-di...	14.75	15.1	ug/l	497223	4	13.37	1651930	50.0
Naphthalene, 1,2,...	14.84	13.6	ug/l	447737	4	13.37	1651930	50.0
Benzene, (2-methy...	15.07	11.8	ug/l	390159	4	13.37	1651930	50.0
Naphthalene, 1,2,...	15.36	19.7	ug/l	651814	4	13.37	1651930	50.0
Naphthalene, 1,2,...	15.72	10.4	ug/l	344461	4	13.37	1651930	50.0