

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061629.D
 Acq On : 5 Apr 2019 19:02
 Operator : VA/AP
 Sample : K2193-05
 Misc : 4.64g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-040319-C

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\82D032719S.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	3.208	173	181	192	rBV	26261	81568	1.04%	0.066%
2	3.809	236	242	252	rBV	97950	279105	3.57%	0.226%
3	6.910	550	557	564	rBV	302430	831268	10.62%	0.673%
4	7.028	564	569	586	rVB	536965	1572331	20.09%	1.272%
5	7.441	605	611	620	rBV	171428	475112	6.07%	0.384%
6	8.199	682	688	705	rBV	683762	1827960	23.36%	1.479%
7	10.395	904	911	918	rBV	611062	1471250	18.80%	1.190%
8	11.664	1037	1040	1044	rVB4	39993	81479	1.04%	0.066%
9	11.733	1044	1047	1052	rVB	88028	179079	2.29%	0.145%
10	11.822	1052	1056	1060	rBV	82709	173573	2.22%	0.140%
11	12.107	1082	1085	1088	rBV	97695	217814	2.78%	0.176%
12	12.167	1088	1091	1096	rVB2	161933	380125	4.86%	0.308%
13	12.304	1100	1105	1107	rBV	205235	392040	5.01%	0.317%
14	12.354	1107	1110	1115	rVB	1036416	1754052	22.42%	1.419%
15	12.442	1115	1119	1124	rVB2	36703	98680	1.26%	0.080%
16	12.541	1124	1129	1133	rBV2	104595	257587	3.29%	0.208%
17	12.619	1133	1137	1141	rBV3	160043	515185	6.58%	0.417%
18	12.688	1141	1144	1146	rBV	245432	349402	4.47%	0.283%
19	12.728	1146	1148	1156	rVB2	745088	1455144	18.60%	1.177%
20	12.846	1156	1160	1164	rBV	78735	145832	1.86%	0.118%
21	12.915	1164	1167	1171	rBV2	40807	79798	1.02%	0.065%
22	12.993	1171	1175	1177	rBV2	518238	1040772	13.30%	0.842%
23	13.043	1177	1180	1182	rVB	1382569	1980778	25.31%	1.603%
24	13.082	1182	1184	1188	rVB	300047	487995	6.24%	0.395%
25	13.141	1188	1190	1192	rBV	127063	174945	2.24%	0.142%
26	13.210	1192	1197	1200	rBV2	816127	1338479	17.10%	1.083%
27	13.299	1200	1206	1213	rBV4	1089715	2694641	34.44%	2.180%
28	13.397	1213	1216	1219	rVB	323749	546464	6.98%	0.442%
29	13.476	1219	1224	1227	rBV3	505982	1362366	17.41%	1.102%
30	13.545	1227	1231	1233	rBV2	1488282	2736417	34.97%	2.214%
31	13.574	1233	1234	1236	rVB	828845	603790	7.72%	0.489%
32	13.653	1240	1242	1245	rBV	1083217	1587457	20.29%	1.284%
33	13.702	1245	1247	1251	rVB2	835732	1196382	15.29%	0.968%
34	13.761	1251	1253	1255	rVB	153871	176500	2.26%	0.143%

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35	13.820	1255	1259	1262	rBV4	379713	1057559	13.51%	0.856%
36	13.870	1262	1264	1267	rBV	1401381	2232213	28.53%	1.806%
37	13.929	1267	1270	1271	rBV2	2656834	3938595	50.33%	3.187%
38	13.958	1271	1273	1277	rVB	3672467	5244228	67.02%	4.243%
39	14.017	1277	1279	1281	rBV2	257101	356961	4.56%	0.289%
40	14.076	1281	1285	1287	rBV	2309868	3847403	49.17%	3.113%
41	14.116	1287	1289	1291	rVB2	810305	1074918	13.74%	0.870%
42	14.155	1291	1293	1295	rBV	374696	623915	7.97%	0.505%
43	14.194	1295	1297	1300	rVB	1551314	2158259	27.58%	1.746%
44	14.254	1300	1303	1308	rVB3	625263	1278622	16.34%	1.035%
45	14.322	1308	1310	1312	rBV	653973	1161369	14.84%	0.940%
46	14.372	1312	1315	1318	rVB5	852447	1604988	20.51%	1.299%
47	14.431	1318	1321	1324	rBV	2240839	3317462	42.40%	2.684%
48	14.470	1324	1325	1327	rBV2	167048	275754	3.52%	0.223%
49	14.509	1327	1329	1331	rVB2	1658635	1841270	23.53%	1.490%
50	14.549	1331	1333	1338	rVB2	4237850	7825089	100.00%	6.331%
51	14.647	1338	1343	1345	rBV3	1481736	2536329	32.41%	2.052%
52	14.697	1345	1348	1350	rBV	2321624	3527630	45.08%	2.854%
53	14.775	1353	1356	1357	rBV	3023805	3777048	48.27%	3.056%
54	14.805	1357	1359	1364	rVB4	992255	1345854	17.20%	1.089%
55	14.884	1364	1367	1371	rBV2	3908774	7193083	91.92%	5.820%
56	15.012	1377	1380	1382	rBV3	834545	1794575	22.93%	1.452%
57	15.051	1382	1384	1386	rVV	1845089	2282779	29.17%	1.847%
58	15.080	1386	1387	1389	rVB2	849220	897909	11.47%	0.726%
59	15.130	1389	1392	1398	rBV3	2228517	4936851	63.09%	3.994%
60	15.218	1398	1401	1403	rVB3	912862	1435687	18.35%	1.162%
61	15.268	1403	1406	1409	rBV2	1303333	2625908	33.56%	2.125%
62	15.317	1409	1411	1412	rVV	1632488	2080092	26.58%	1.683%
63	15.336	1412	1413	1415	rVV	1064119	1463995	18.71%	1.185%
64	15.376	1415	1417	1420	rVB	2148637	2541211	32.48%	2.056%
65	15.425	1420	1422	1424	rBV2	1402814	1766254	22.57%	1.429%
66	15.464	1424	1426	1429	rVB3	738312	1009301	12.90%	0.817%
67	15.563	1429	1436	1439	rBV4	792311	2500969	31.96%	2.024%
68	15.661	1444	1446	1452	rVV2	3029660	5986388	76.50%	4.844%
69	15.730	1452	1453	1456	rVV2	559085	689343	8.81%	0.558%
70	15.789	1456	1459	1464	rVV	2721366	3724467	47.60%	3.013%
71	15.888	1464	1469	1471	rVV	329183	947490	12.11%	0.767%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	15.927	1471	1473	1475	rVV	462439	548930	7.02%	0.444%
73	15.986	1475	1479	1482	rVB2	346504	814733	10.41%	0.659%
74	16.144	1492	1495	1496	rBV3	43507	78464	1.00%	0.063%
75	16.173	1496	1498	1500	rVB	207141	255063	3.26%	0.206%
76	16.222	1500	1503	1513	rVB2	196778	451121	5.77%	0.365%

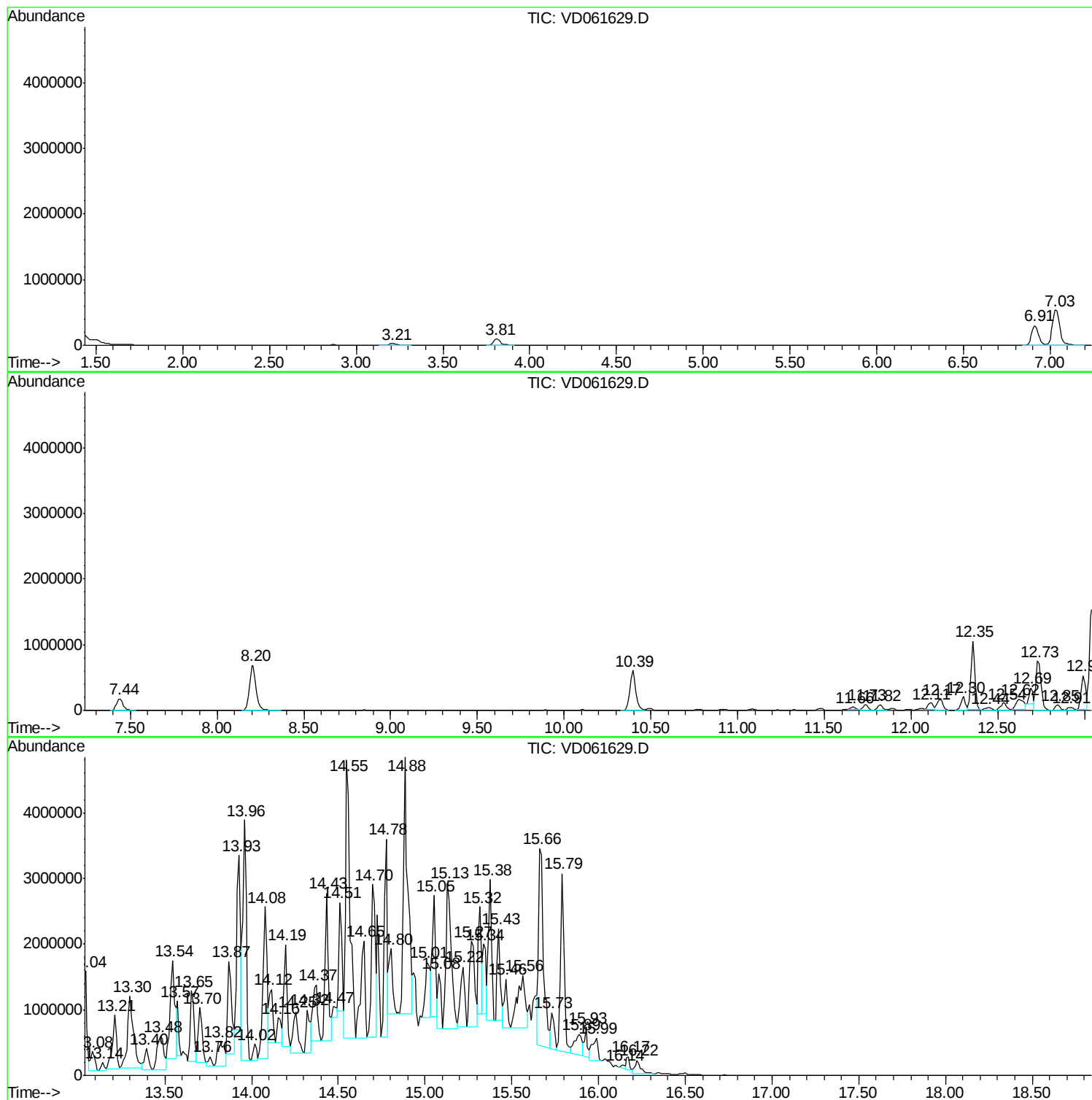
Sum of corrected areas: 123595449

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260

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



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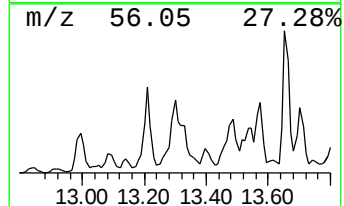
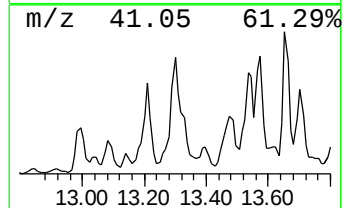
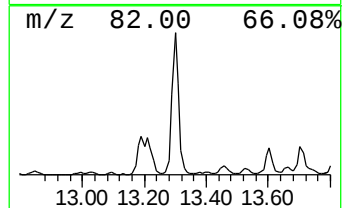
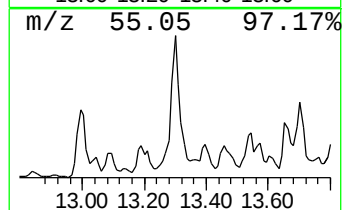
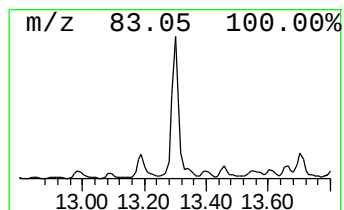
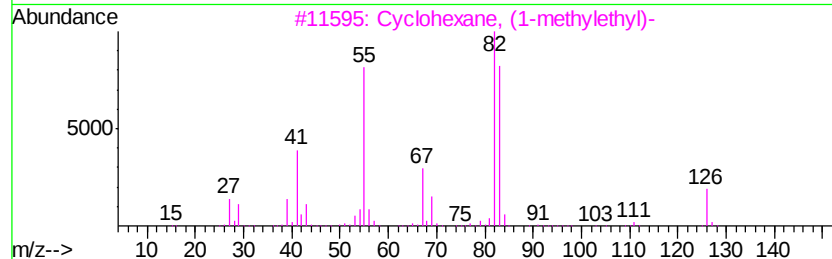
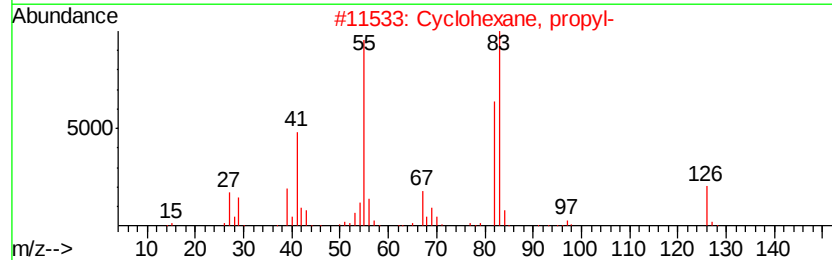
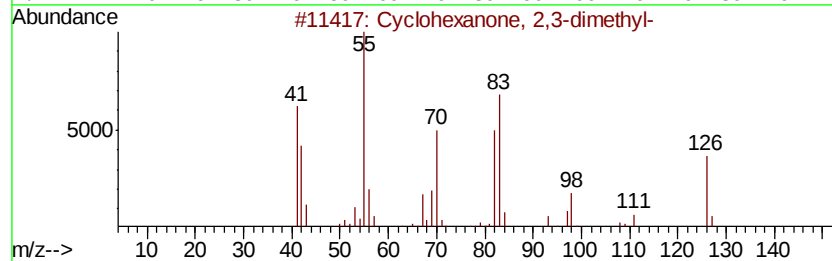
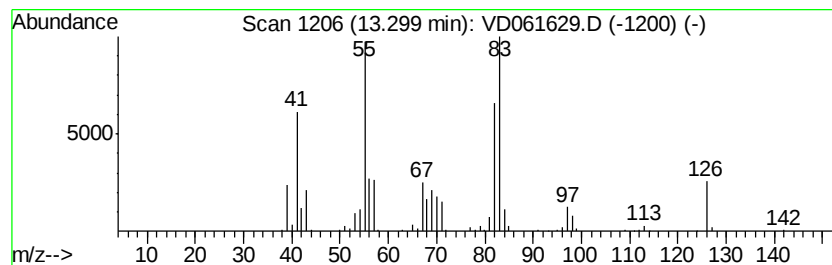
Instrument :
MSVOA_D
ClientSampleId :
HR-06-040319-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexanone, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.30	76.81 ug/l	2694640	Chlorobenzene-d5	12.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	90
2		Cvclohexane, propyl-	126	C9H18	001678-92-8	87
3		Cvclohexane, (1-methvlethyl)-	126	C9H18	000696-29-7	60
4		Cvclohexane, octyl-	196	C14H28	001795-15-9	59
5		Cvclohexane, butyl-	140	C10H20	001678-93-9	59



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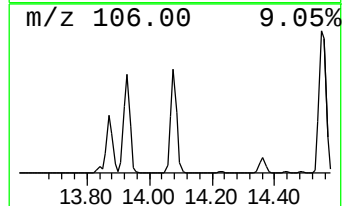
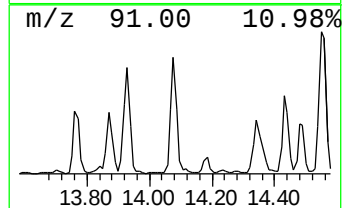
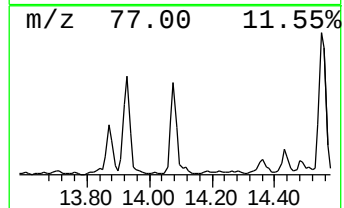
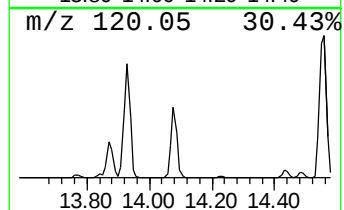
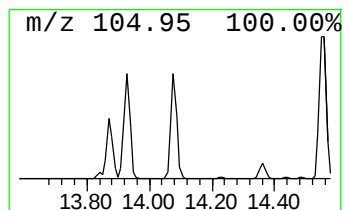
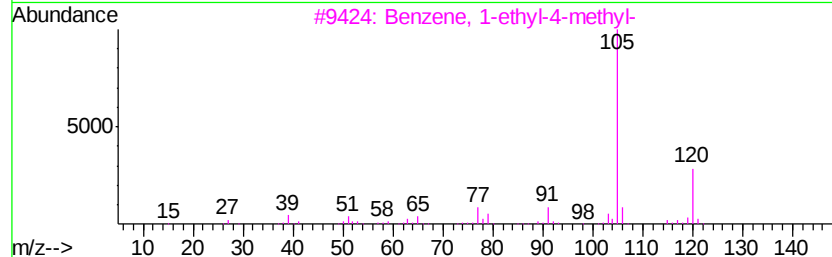
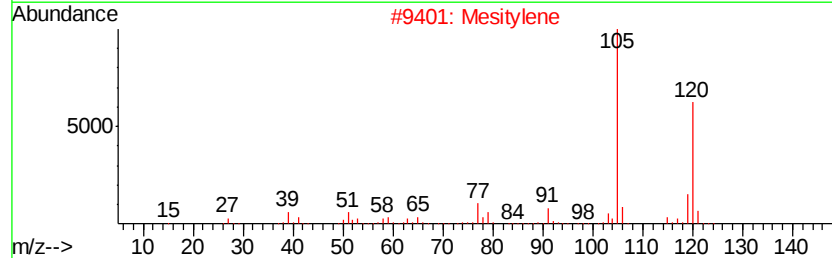
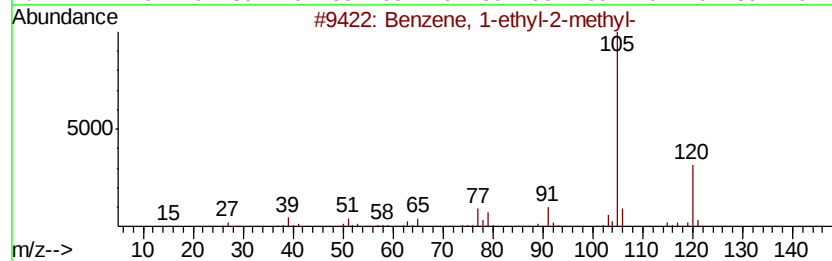
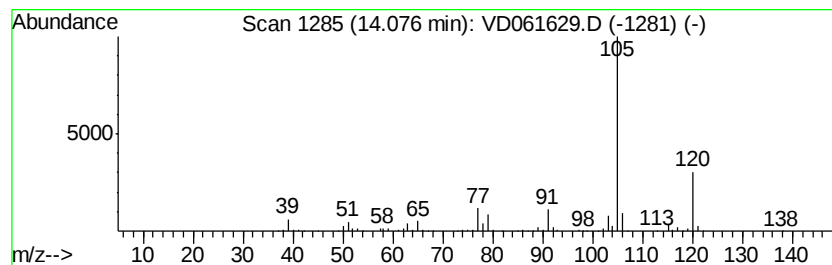
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	104.48 ug/l	3847400	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2		Mesitylene	120	C9H12	000108-67-8	90
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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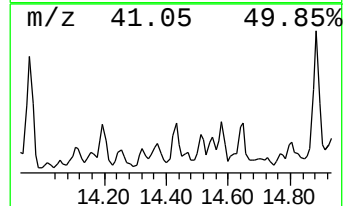
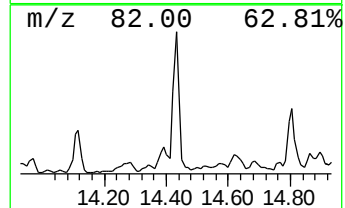
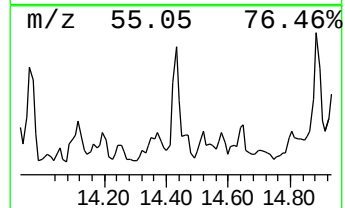
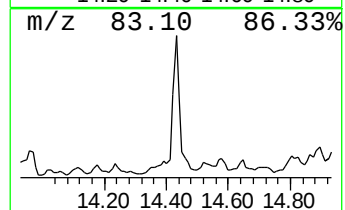
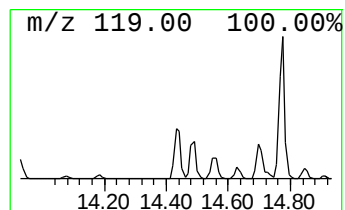
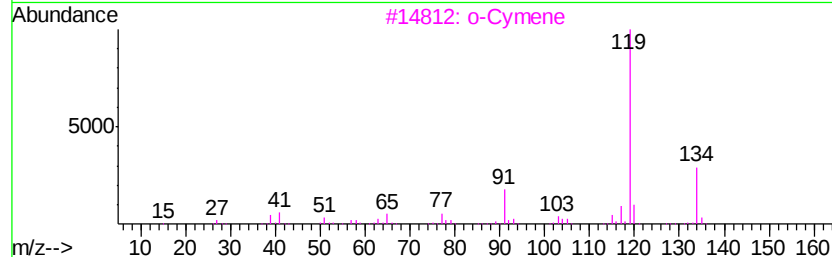
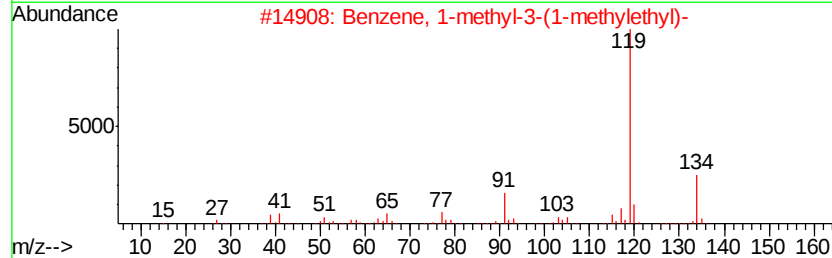
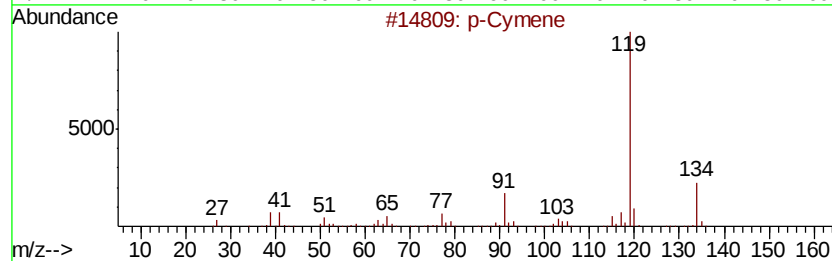
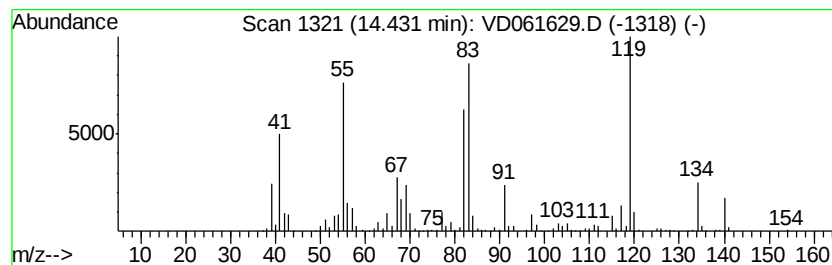
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260

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

Peak Number 3 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	90.09 ug/l	3317460	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	86
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	83
3		o-Cymene	134	C10H14	000527-84-4	80
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	55
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	55



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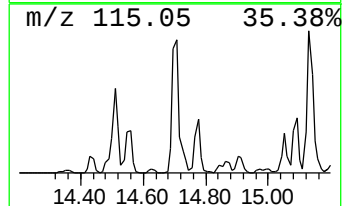
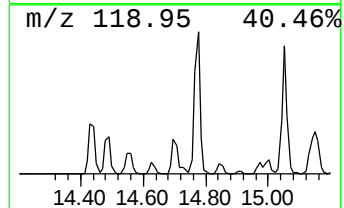
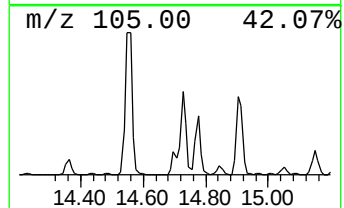
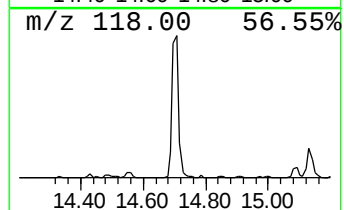
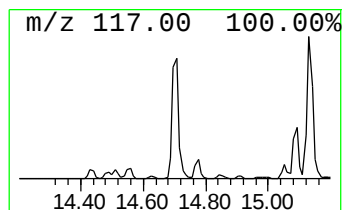
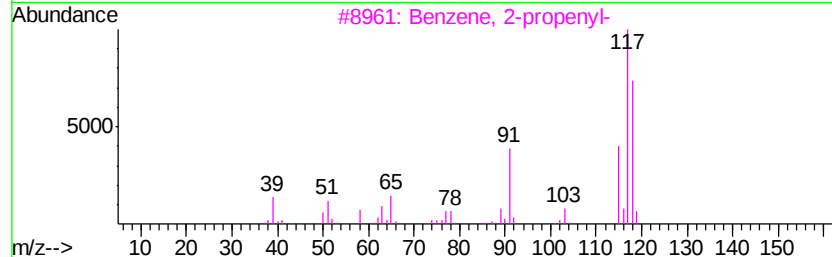
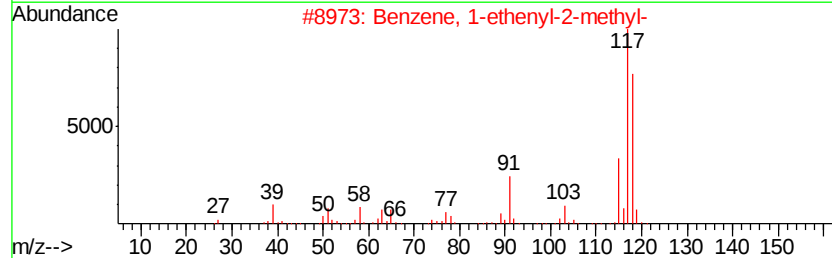
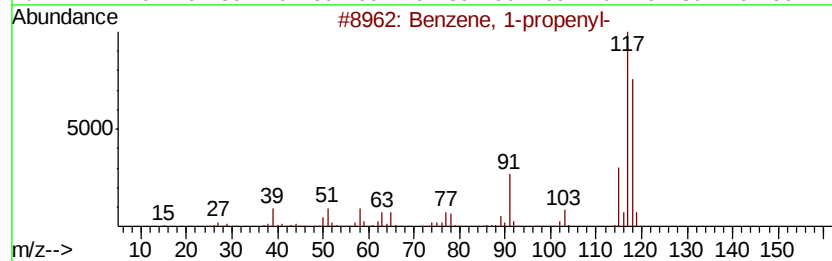
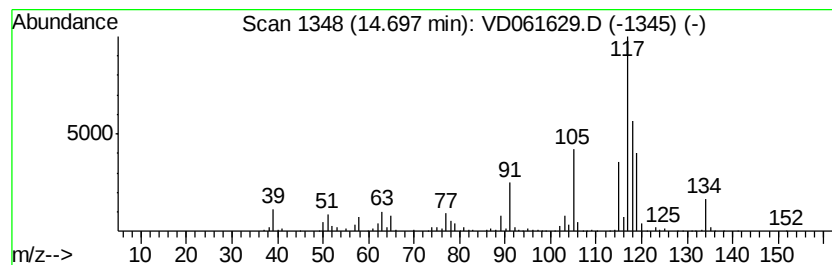
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	95.79 ug/l	3527630	1,4-Dichlorobenzene-d4	14.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91	
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90	
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	78	
4	Indane	118	C9H10	000496-11-7	60	
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
Data File : VD061629.D
Acq On : 5 Apr 2019 19:02
Operator : VA/AP
Sample : K2193-05
Misc : 4.64g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-06-040319-C

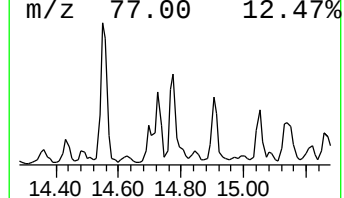
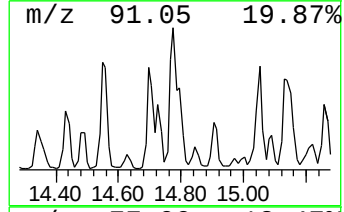
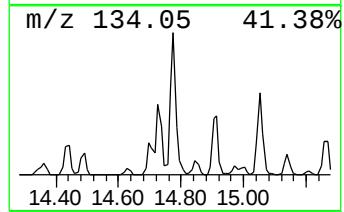
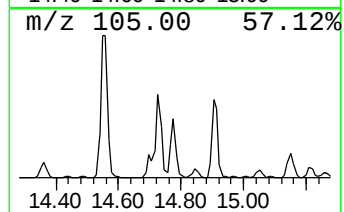
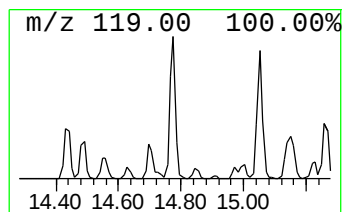
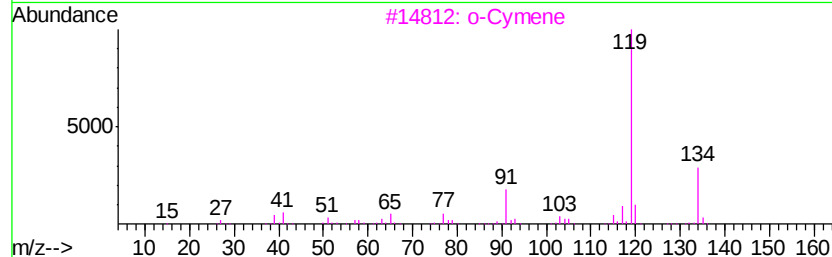
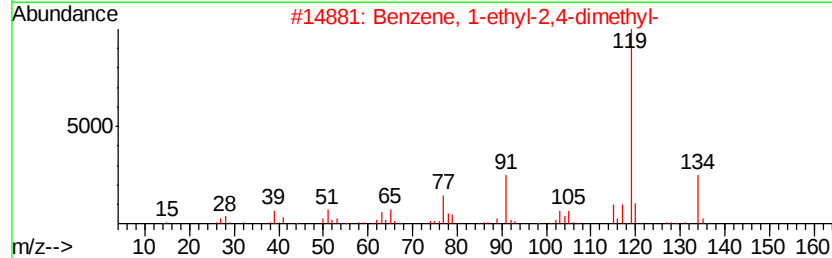
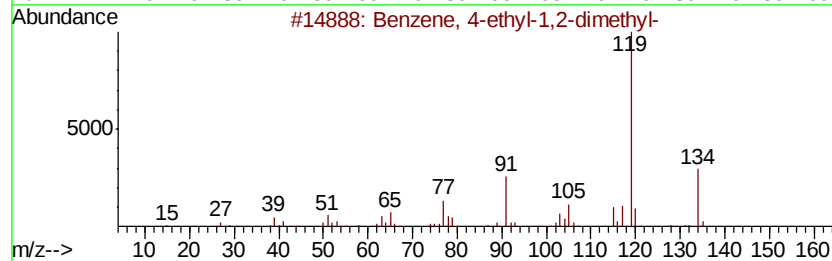
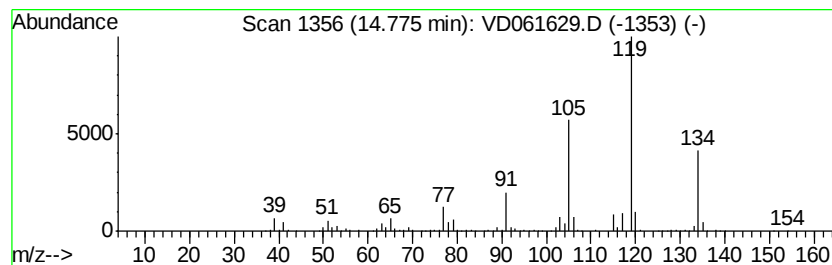
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	102.57 ug/l	3777050	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
Data File : VD061629.D
Acq On : 5 Apr 2019 19:02
Operator : VA/AP
Sample : K2193-05
Misc : 4.64g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

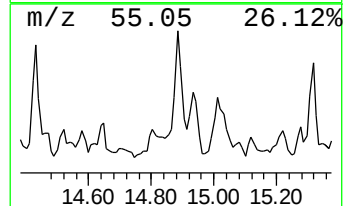
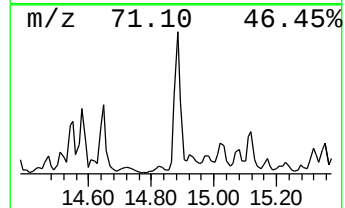
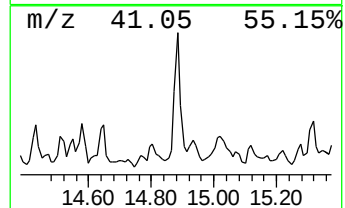
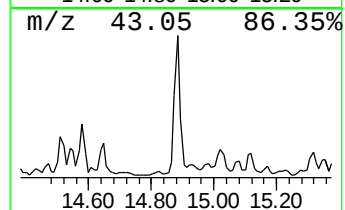
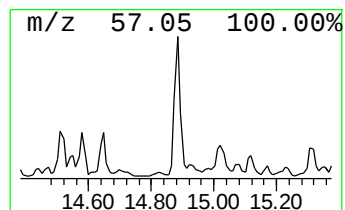
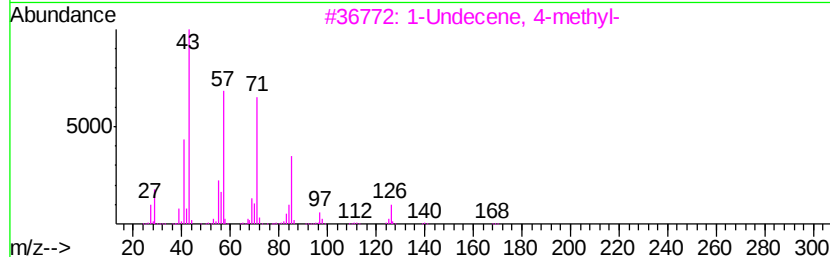
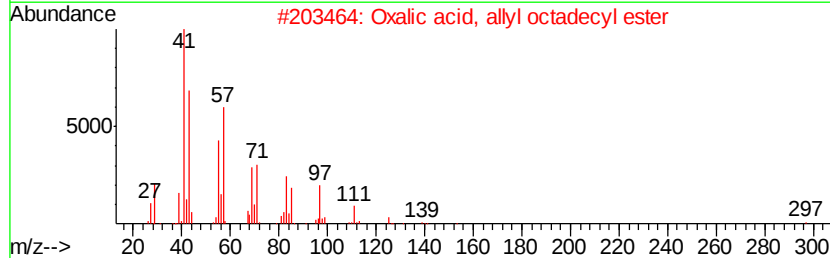
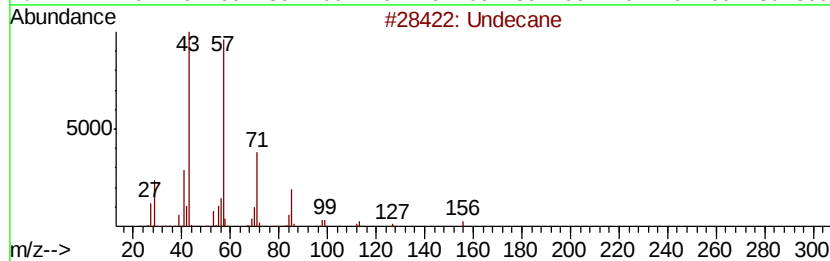
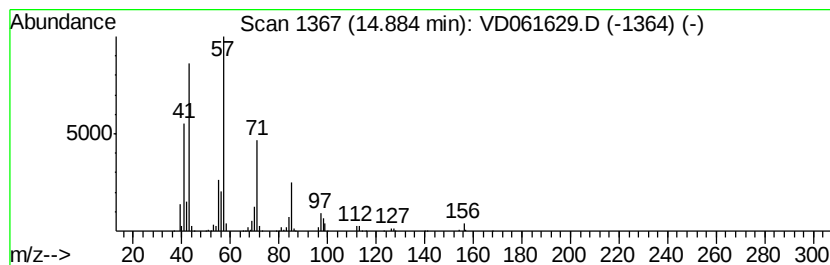
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ClientSampleId :
HR-06-040319-C

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Quant Title : SW846 8260

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

Peak Number 6 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	195.33 ug/l	7193080	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 91
2	Oxalic acid, allyl octadecyl ester		382 C23H42O4	1000309-24-5 78
3	1-Undecene, 4-methyl-		168 C12H24	074630-39-0 64
4	Tridecane		184 C13H28	000629-50-5 64
5	Decane		142 C10H22	000124-18-5 59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
Data File : VD061629.D
Acq On : 5 Apr 2019 19:02
Operator : VA/AP
Sample : K2193-05
Misc : 4.64g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-06-040319-C

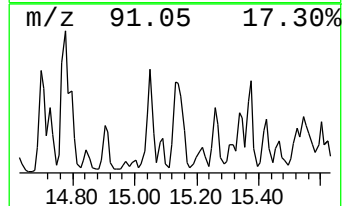
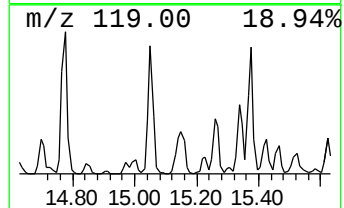
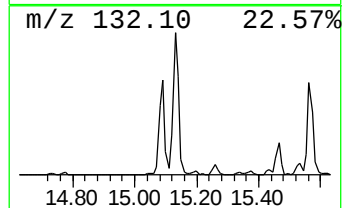
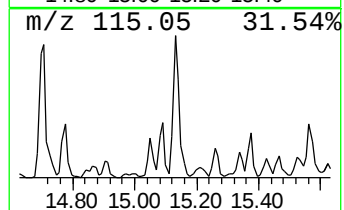
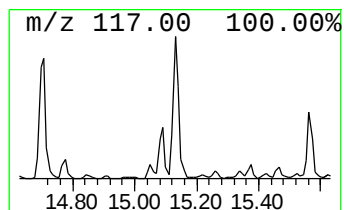
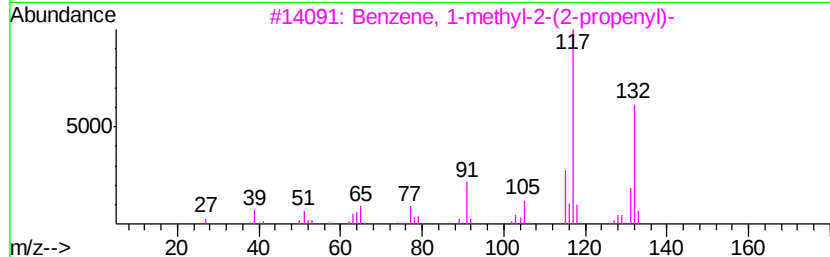
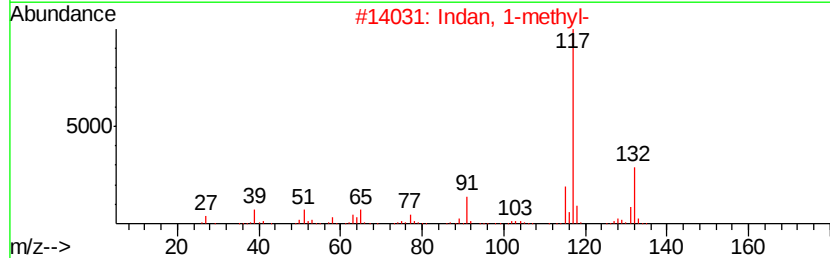
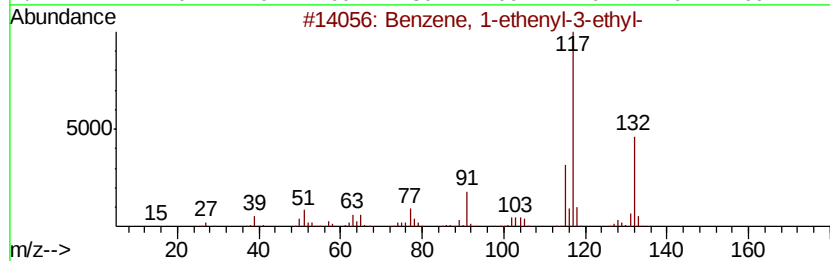
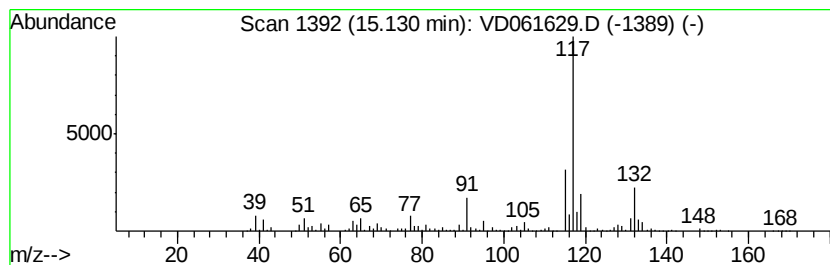
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	134.06 ug/l	4936850	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
Data File : VD061629.D
Acq On : 5 Apr 2019 19:02
Operator : VA/AP
Sample : K2193-05
Misc : 4.64g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-06-040319-C

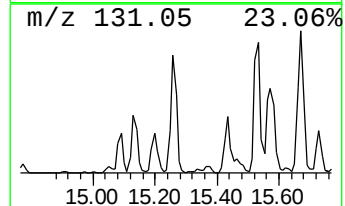
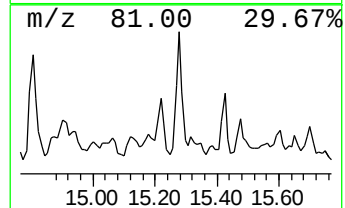
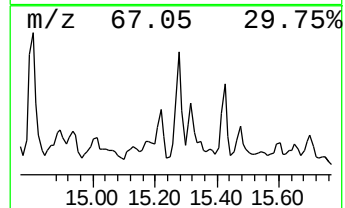
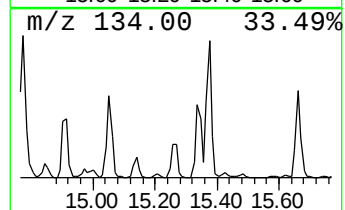
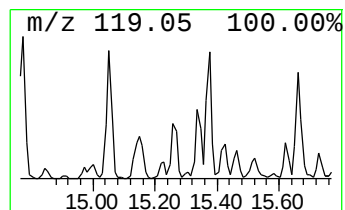
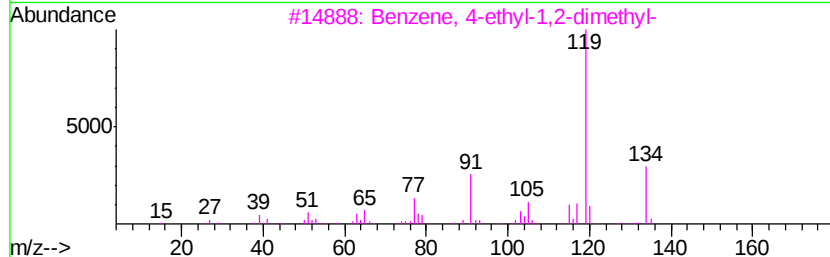
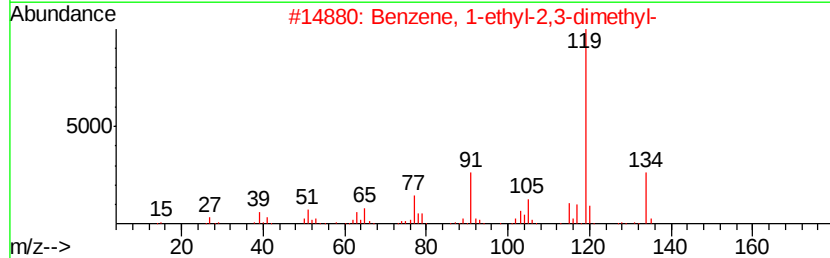
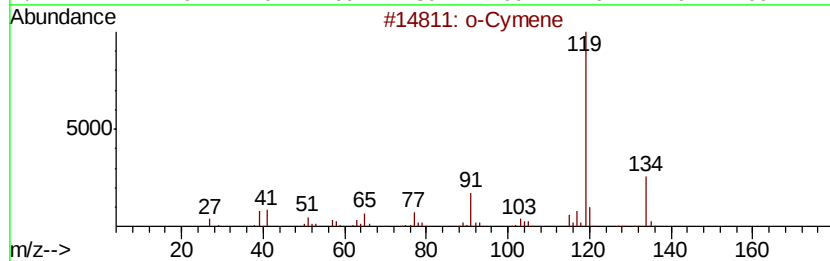
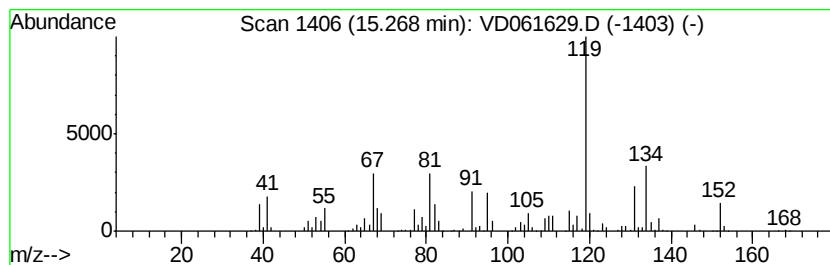
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Quant Title : SW846 8260

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

Peak Number 8 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	71.31 ug/l	2625910	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
Data File : VD061629.D
Acq On : 5 Apr 2019 19:02
Operator : VA/AP
Sample : K2193-05
Misc : 4.64g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-040319-C

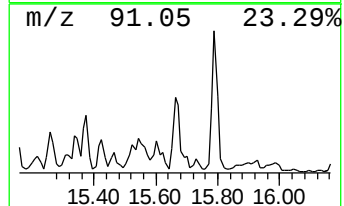
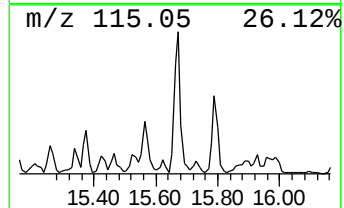
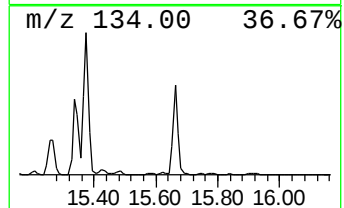
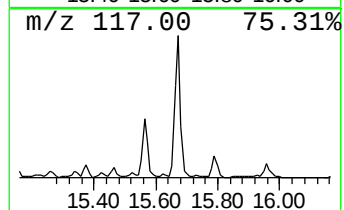
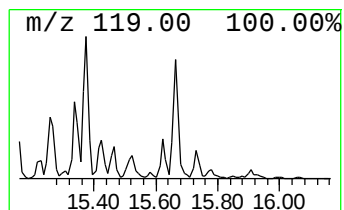
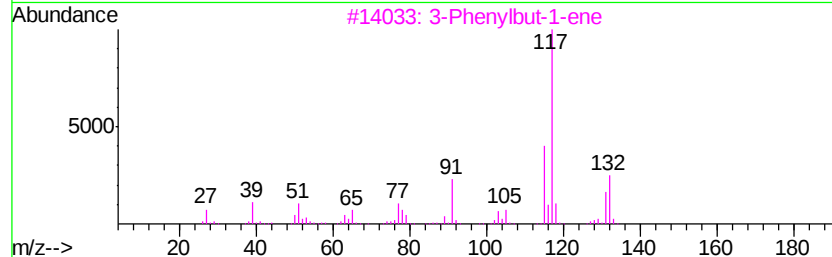
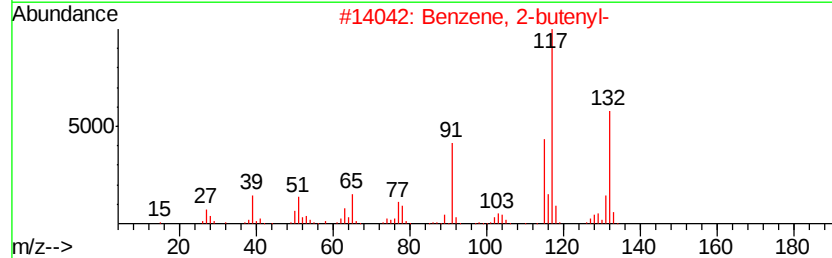
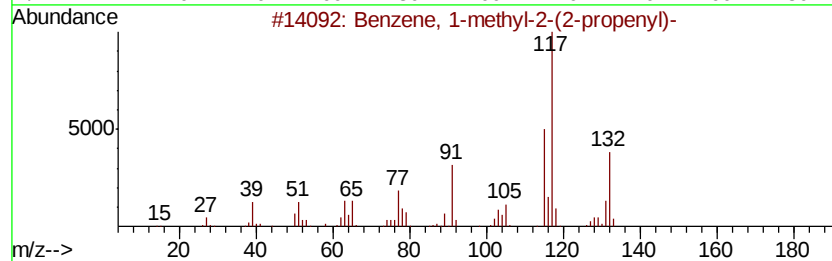
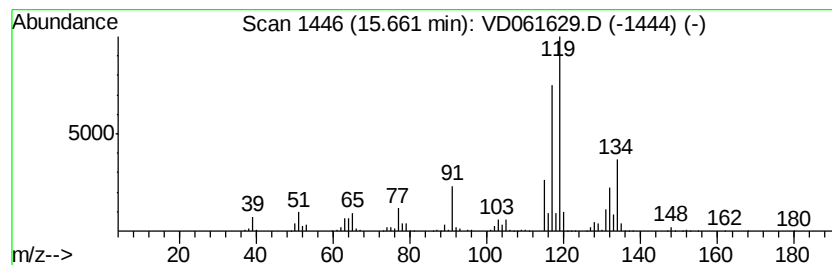
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	162.56 ug/l	5986390	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
Data File : VD061629.D
Acq On : 5 Apr 2019 19:02
Operator : VA/AP
Sample : K2193-05
Misc : 4.64g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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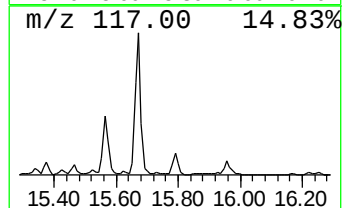
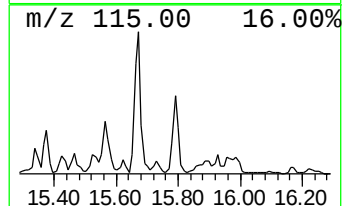
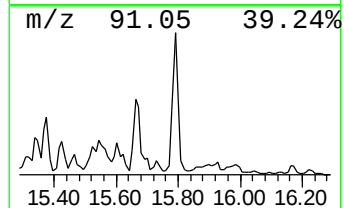
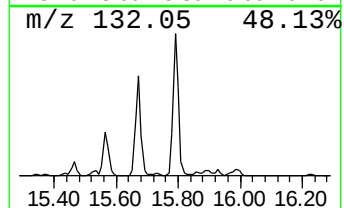
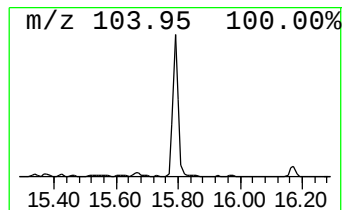
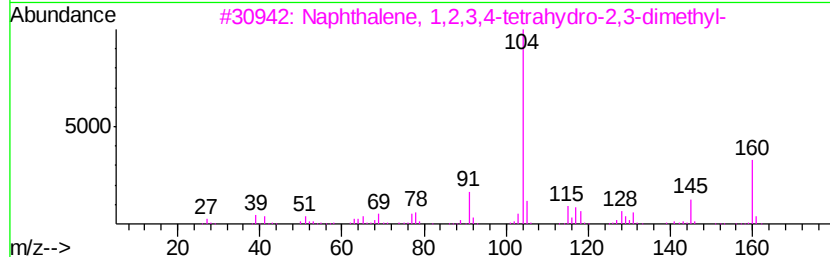
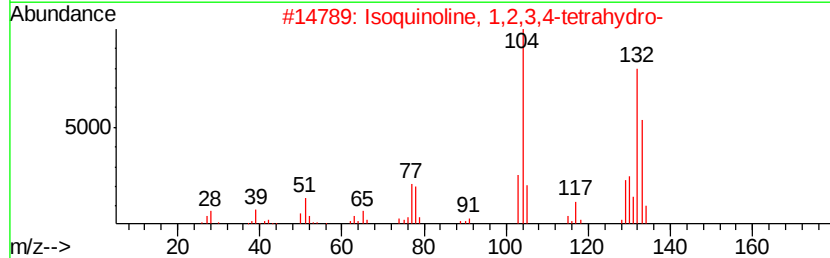
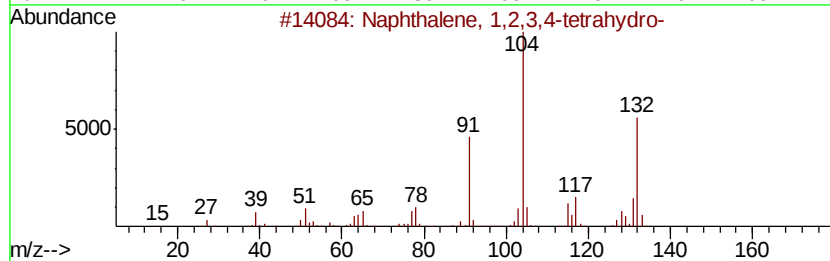
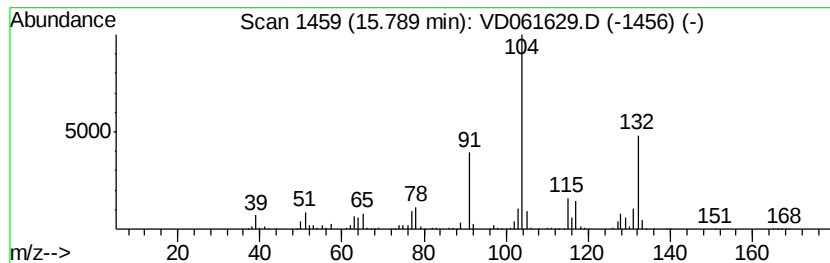
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	101.14 ug/l	3724470	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43
3		Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	021564-92-1	42
4		N-Ethylbenzimidovl bromide	211	C9H10BrN	041182-87-0	40
5		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040519\
Data File : VD061629.D
Acq On : 5 Apr 2019 19:02
Operator : VA/AP
Sample : K2193-05
Misc : 4.64g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-06-040319-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.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
Cyclohexanone, 2,...	13.30	76.8	ug/l	2694640	3	12.35	1754050	50.0
Benzene, 1-ethyl-...	14.08	104.5	ug/l	3847400	4	14.51	1841270	50.0
p-Cymene	14.43	90.1	ug/l	3317460	4	14.51	1841270	50.0
Benzene, 1-propenyl-	14.70	95.8	ug/l	3527630	4	14.51	1841270	50.0
Benzene, 4-ethyl-...	14.78	102.6	ug/l	3777050	4	14.51	1841270	50.0
Undecane	14.88	195.3	ug/l	7193080	4	14.51	1841270	50.0
Benzene, 1-etheny...	15.13	134.1	ug/l	4936850	4	14.51	1841270	50.0
o-Cymene	15.27	71.3	ug/l	2625910	4	14.51	1841270	50.0
Benzene, 1-methyl...	15.66	162.6	ug/l	5986390	4	14.51	1841270	50.0
Naphthalene, 1,2,...	15.79	101.1	ug/l	3724470	4	14.51	1841270	50.0