

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062407.D
 Acq On : 16 May 2019 00:03
 Operator : FY/SY
 Sample : K2866-01
 Misc : 6.21g/5mL/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-COMP-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\82D050719S.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	3.823	237	244	256	rBV	64866	178869	2.73%	0.192%
2	6.932	553	560	567	rBV	298081	829491	12.66%	0.890%
3	7.050	567	572	588	rVB	461565	1294526	19.75%	1.389%
4	7.464	607	614	626	rBV	190494	521771	7.96%	0.560%
5	8.231	686	692	705	rBV	627783	1544186	23.56%	1.657%
6	8.871	750	757	763	rBV2	47975	138427	2.11%	0.149%
7	9.914	859	863	871	rBV2	39429	117608	1.79%	0.126%
8	10.131	880	885	892	rVB	33801	80323	1.23%	0.086%
9	10.416	905	914	922	rBV	542725	1422912	21.71%	1.527%
10	10.524	922	925	933	rVB	37576	82492	1.26%	0.089%
11	10.938	962	967	974	rBB2	49548	129279	1.97%	0.139%
12	11.499	1019	1024	1028	rVV	71754	137791	2.10%	0.148%
13	11.646	1032	1039	1041	rVV2	35751	90545	1.38%	0.097%
14	11.685	1041	1043	1047	rVV3	46578	101143	1.54%	0.109%
15	11.764	1047	1051	1055	rVV	127641	259832	3.97%	0.279%
16	11.843	1055	1059	1063	rVV	179773	379644	5.79%	0.407%
17	11.912	1063	1066	1071	rVV3	41909	94895	1.45%	0.102%
18	12.069	1079	1082	1085	rVV	85932	161783	2.47%	0.174%
19	12.128	1085	1088	1091	rVV	127141	251797	3.84%	0.270%
20	12.178	1091	1093	1098	rVB	93928	169532	2.59%	0.182%
21	12.315	1103	1107	1110	rBV	171238	332852	5.08%	0.357%
22	12.374	1110	1113	1117	rVV	814040	1321544	20.17%	1.418%
23	12.473	1117	1123	1127	rVB4	46071	128698	1.96%	0.138%
24	12.551	1127	1131	1136	rBV2	69308	143037	2.18%	0.153%
25	12.679	1136	1144	1149	rBV2	766529	2063710	31.49%	2.214%
26	12.758	1149	1152	1159	rVB2	190628	393843	6.01%	0.423%
27	12.866	1159	1163	1167	rBV2	76509	148881	2.27%	0.160%
28	13.004	1174	1177	1181	rBV3	293336	721254	11.01%	0.774%
29	13.053	1181	1182	1185	rVB2	106595	121050	1.85%	0.130%
30	13.103	1185	1187	1190	rVB2	119796	187255	2.86%	0.201%
31	13.230	1194	1200	1203	rBV2	542494	1000121	15.26%	1.073%
32	13.319	1203	1209	1216	rBV3	501686	1394646	21.28%	1.496%
33	13.408	1216	1218	1222	rVB	222651	364490	5.56%	0.391%
34	13.496	1222	1227	1229	rBV3	267901	667155	10.18%	0.716%

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35	13.565	1229	1234	1236	rBV2	684563	1255404	19.16%	1.347%
36	13.673	1242	1245	1247	rBV3	111288	183826	2.81%	0.197%
37	13.723	1247	1250	1253	rVV	466404	623892	9.52%	0.669%
38	13.782	1253	1256	1258	rVB	309957	357041	5.45%	0.383%
39	13.850	1258	1263	1265	rBV3	304893	688235	10.50%	0.738%
40	13.890	1265	1267	1270	rVV	749230	1082942	16.53%	1.162%
41	13.939	1270	1272	1274	rVV2	1120594	1488678	22.72%	1.597%
42	13.978	1274	1276	1279	rVB2	507417	752562	11.48%	0.807%
43	14.037	1279	1282	1284	rVB2	198902	283292	4.32%	0.304%
44	14.096	1284	1288	1290	rBV	633688	1124354	17.16%	1.206%
45	14.126	1290	1291	1294	rVB2	210010	195956	2.99%	0.210%
46	14.215	1294	1300	1301	rBV2	530700	1166063	17.79%	1.251%
47	14.244	1301	1303	1309	rVB	4522271	6553101	100.00%	7.031%
48	14.333	1309	1312	1313	rBV3	177566	243464	3.72%	0.261%
49	14.372	1313	1316	1318	rBV3	212442	366690	5.60%	0.393%
50	14.421	1318	1321	1322	rVV2	227958	327370	5.00%	0.351%
51	14.451	1322	1324	1326	rVB	365289	459467	7.01%	0.493%
52	14.500	1326	1329	1330	rBV2	237562	374317	5.71%	0.402%
53	14.529	1330	1332	1333	rBV	422398	519431	7.93%	0.557%
54	14.569	1333	1336	1338	rVB	2637609	2959089	45.16%	3.175%
55	14.608	1338	1340	1341	rVB	214641	188188	2.87%	0.202%
56	14.638	1341	1343	1347	rVB3	452387	858477	13.10%	0.921%
57	14.716	1348	1351	1352	rBV	1952248	2360099	36.01%	2.532%
58	14.746	1352	1354	1356	rVB	1157068	1347503	20.56%	1.446%
59	14.785	1356	1358	1368	rBV	3794692	6041887	92.20%	6.483%
60	14.923	1368	1372	1376	rBV	1086798	1889272	28.83%	2.027%
61	14.982	1376	1378	1380	rBV	1563772	2489561	37.99%	2.671%
62	15.012	1380	1381	1384	rVB	2277436	2168451	33.09%	2.327%
63	15.061	1384	1386	1389	rVB	3577514	4890480	74.63%	5.247%
64	15.149	1392	1395	1399	rBV2	1317877	2352745	35.90%	2.524%
65	15.228	1399	1403	1406	rVB4	279033	544451	8.31%	0.584%
66	15.277	1406	1408	1412	rBV3	1357972	2976441	45.42%	3.194%
67	15.356	1412	1416	1417	rBV	2736299	3268695	49.88%	3.507%
68	15.386	1417	1419	1423	rVV2	3863164	5128813	78.27%	5.503%
69	15.435	1423	1424	1426	rVV2	537595	623421	9.51%	0.669%
70	15.474	1426	1428	1431	rVB4	661603	1002451	15.30%	1.076%
71	15.523	1431	1433	1436	rVB3	139027	191708	2.93%	0.206%

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72	15.582	1436	1439	1441	rBV	824214	1225134	18.70%	1.315%
73	15.641	1444	1445	1446	rVB	169055	99827	1.52%	0.107%
74	15.681	1446	1449	1452	rBV	2725605	4031352	61.52%	4.326%
75	15.750	1454	1456	1460	rVB4	316141	428759	6.54%	0.460%
76	15.819	1460	1463	1468	rBV3	995242	1799439	27.46%	1.931%
77	15.888	1468	1470	1472	rBV	504551	600615	9.17%	0.644%
78	15.937	1472	1475	1476	rBV2	522404	673065	10.27%	0.722%
79	16.055	1485	1487	1491	rVB3	296340	508652	7.76%	0.546%
80	16.134	1492	1495	1502	rVV2	1862948	4162433	63.52%	4.466%
81	16.222	1502	1504	1511	rVB2	781057	1830084	27.93%	1.964%
82	16.311	1511	1513	1515	rBV2	186627	383240	5.85%	0.411%
83	16.468	1527	1529	1530	rBV2	89155	140168	2.14%	0.150%
84	16.498	1530	1532	1534	rVV2	307934	424869	6.48%	0.456%
85	16.586	1540	1541	1544	rVV3	86584	108320	1.65%	0.116%
86	16.655	1546	1548	1553	rVB4	126123	229582	3.50%	0.246%
87	16.950	1575	1578	1584	rVB4	61063	147854	2.26%	0.159%
88	17.059	1586	1589	1593	rVV3	56641	100008	1.53%	0.107%

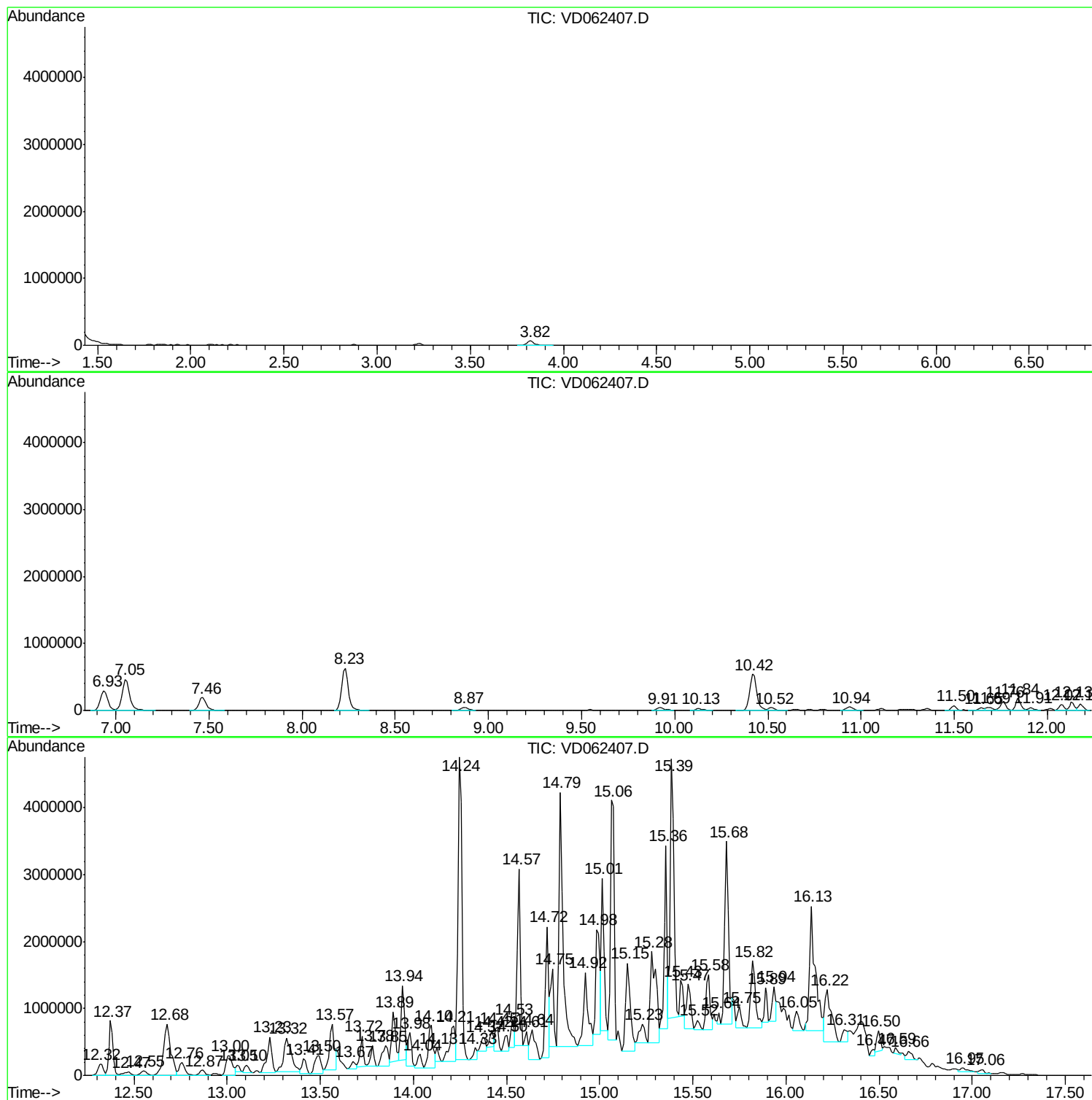
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260

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



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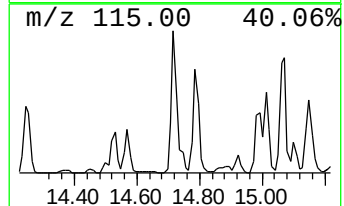
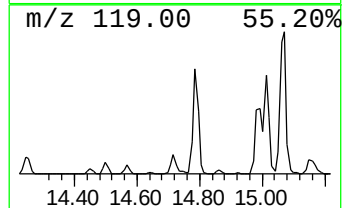
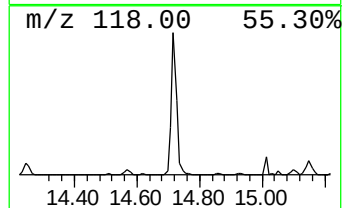
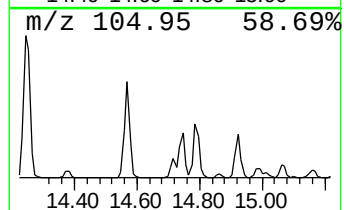
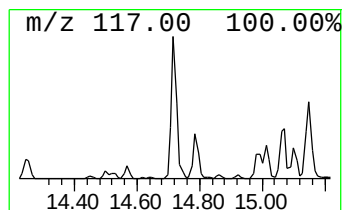
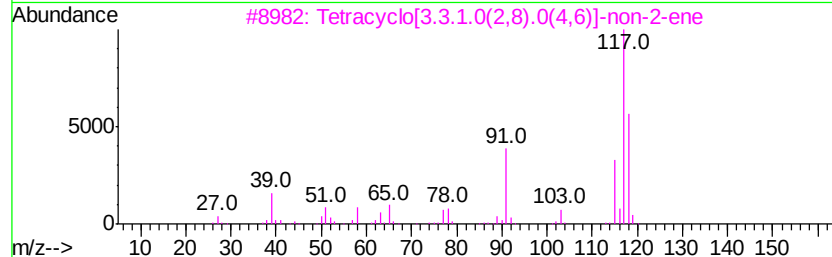
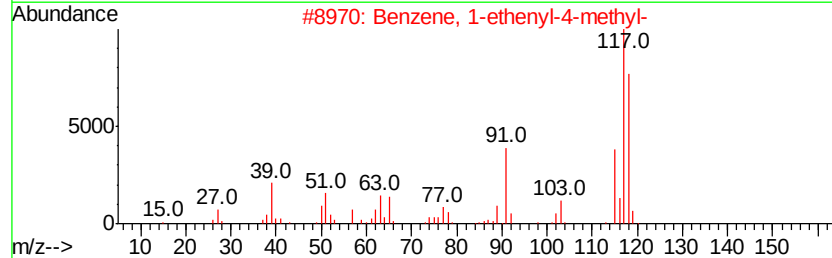
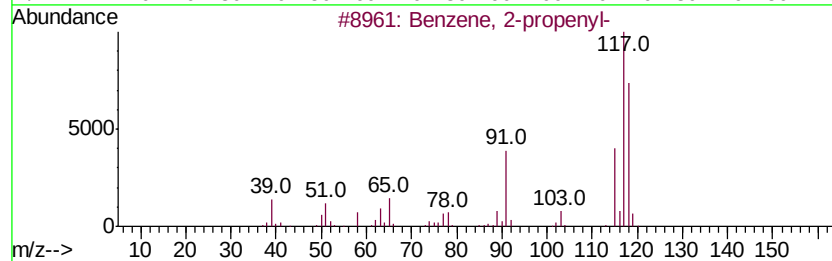
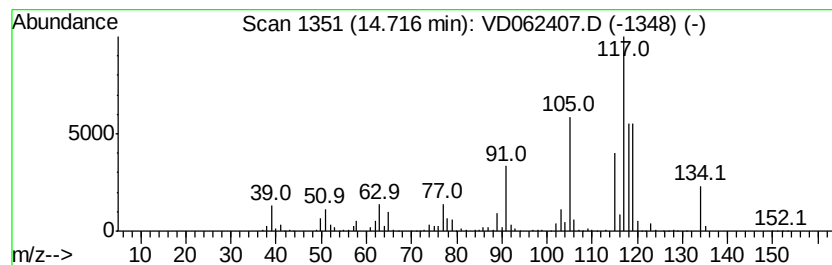
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 2-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	227.18 ug/l	2360100	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-propenyl-	118 C9H10	000300-57-2 87
2		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 83
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118 C9H10	1000191-13-7 55
4		Benzene, cyclopropyl-	118 C9H10	000873-49-4 55
5		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 55



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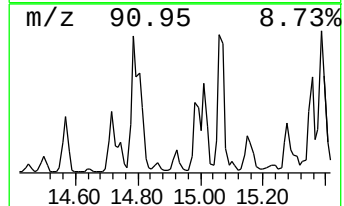
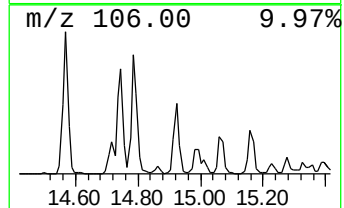
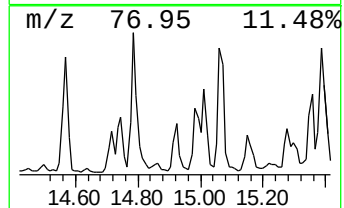
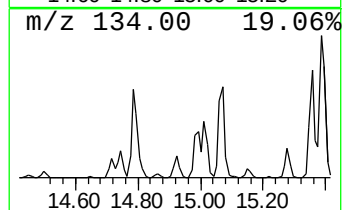
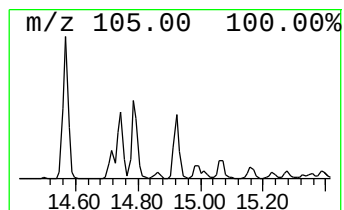
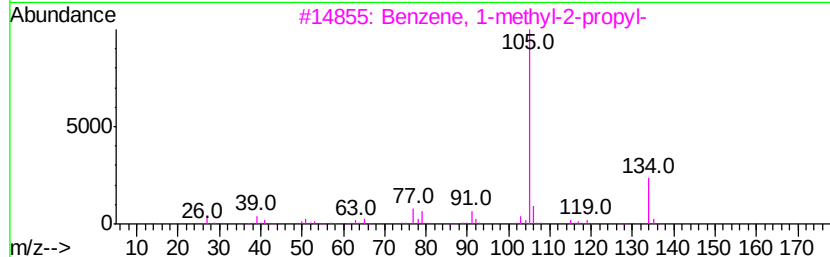
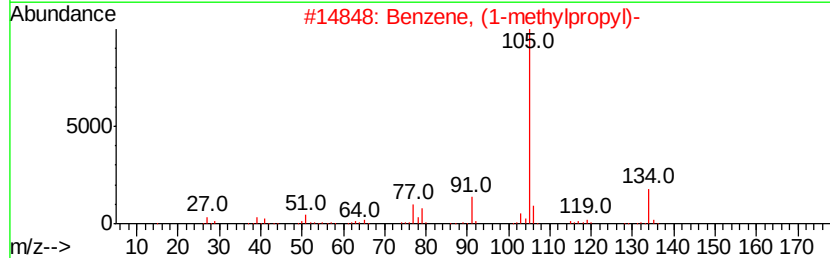
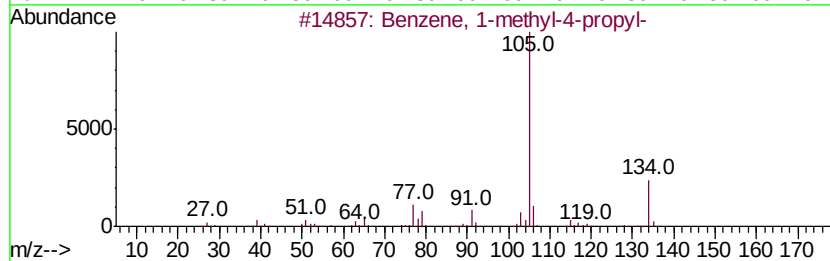
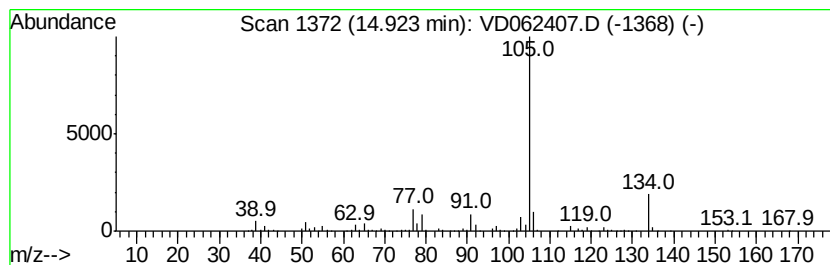
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	181.86 ug/l	1889270	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87



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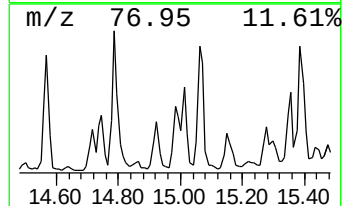
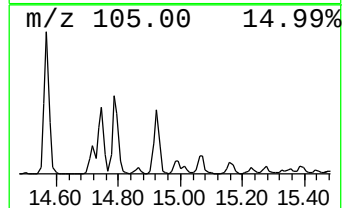
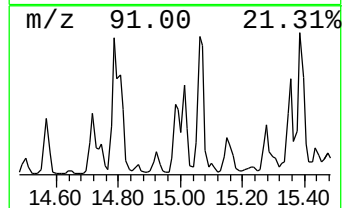
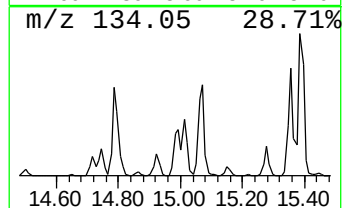
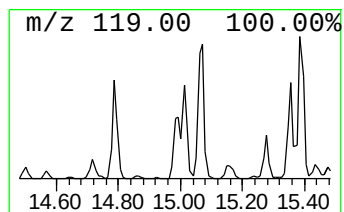
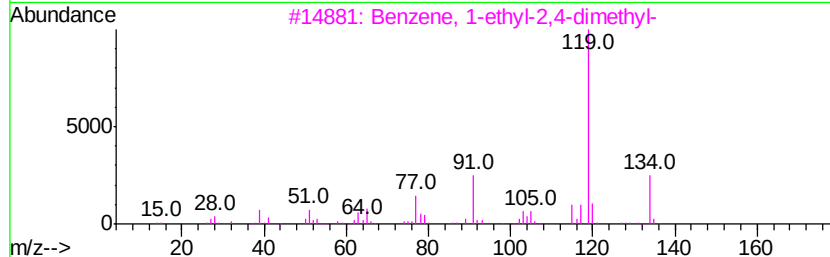
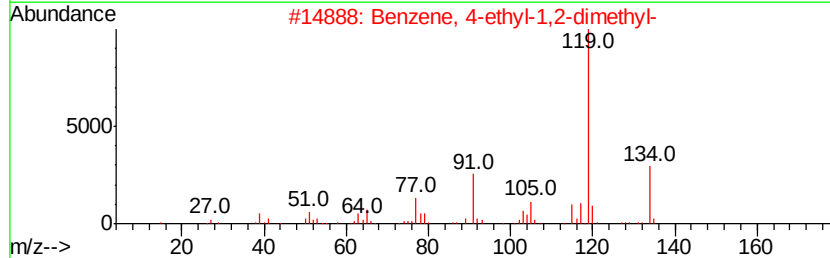
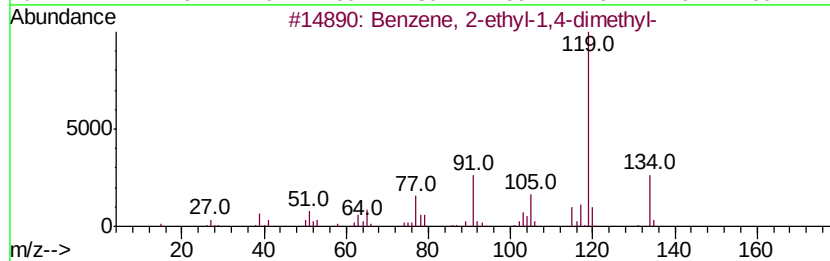
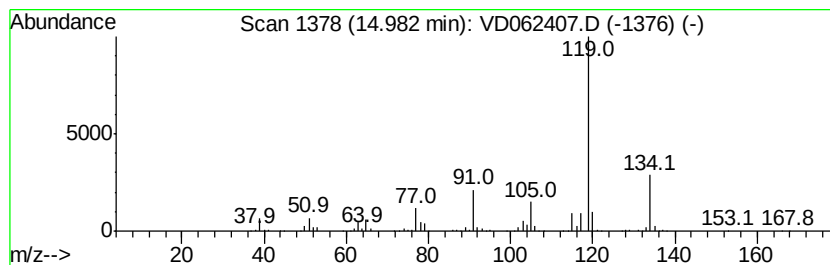
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	239.64 ug/l	2489560	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		o-Cymene	134	C10H14	000527-84-4	94



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RO-COMP-1

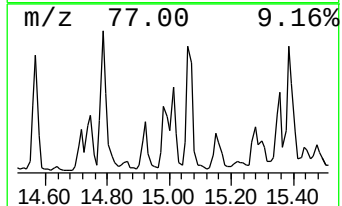
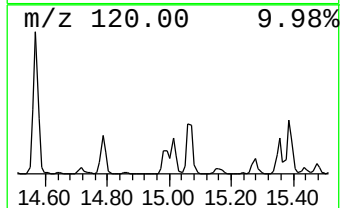
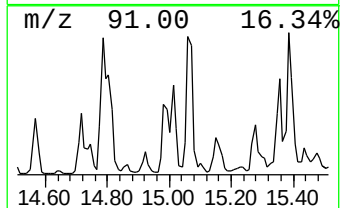
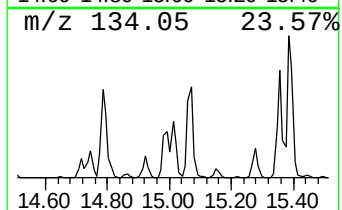
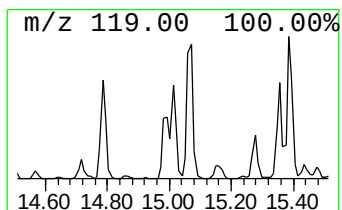
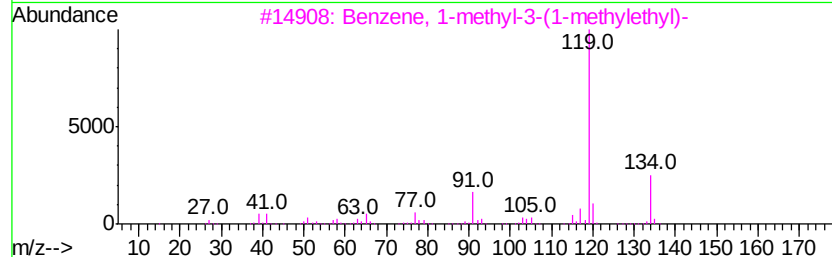
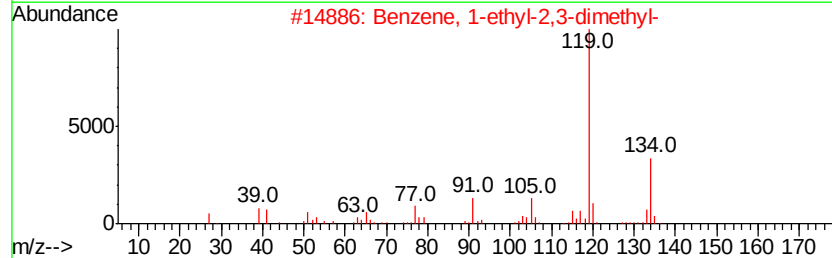
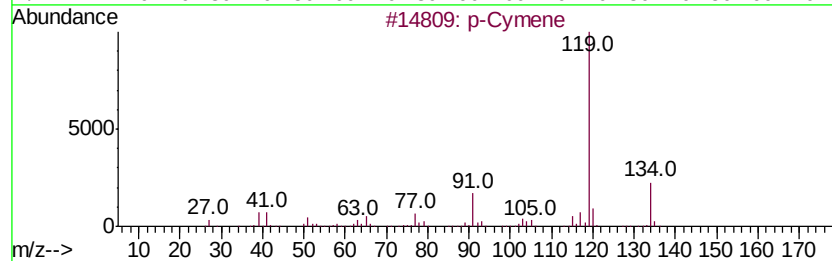
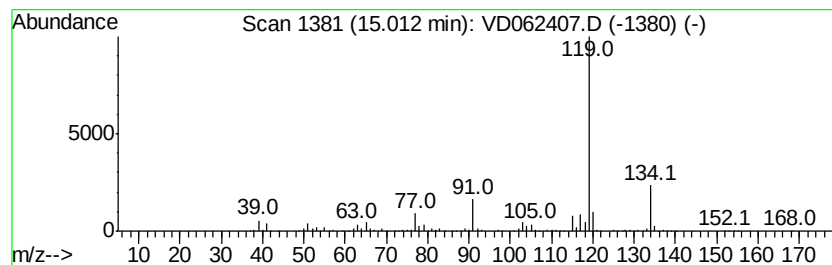
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Quant Title : SW846 8260

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

Peak Number 4 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	208.73 ug/l	2168450	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4		o-Cymene	134	C10H14	000527-84-4	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051519\
Data File : VD062407.D
Acq On : 16 May 2019 00:03
Operator : FY/SY
Sample : K2866-01
Misc : 6.21g/5mL/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-COMP-1

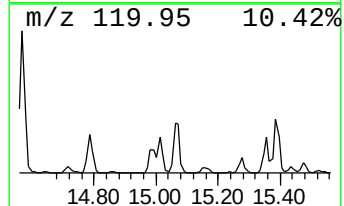
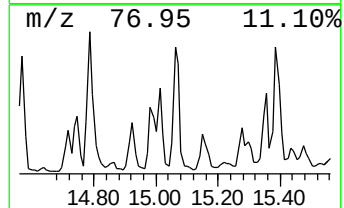
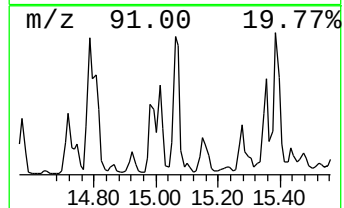
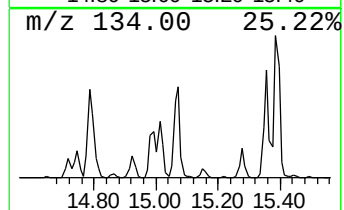
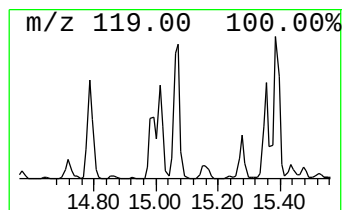
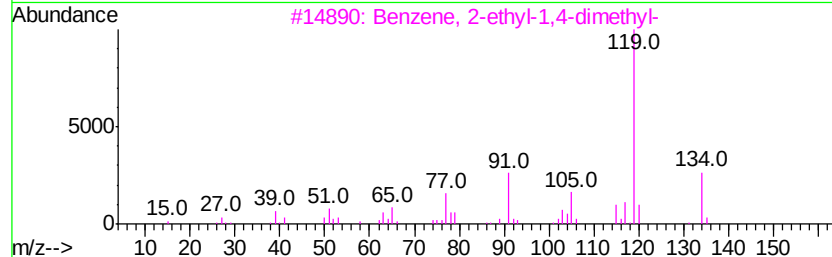
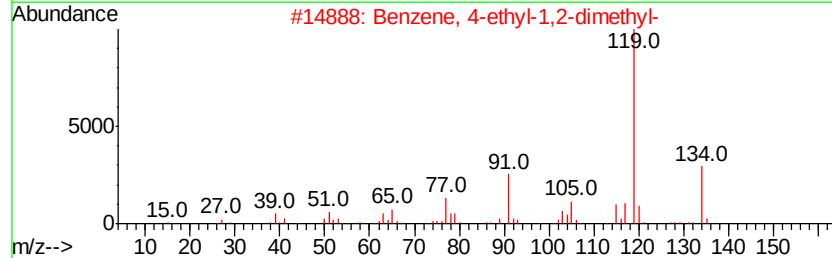
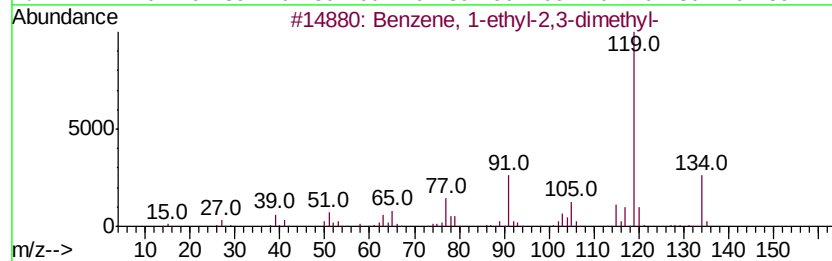
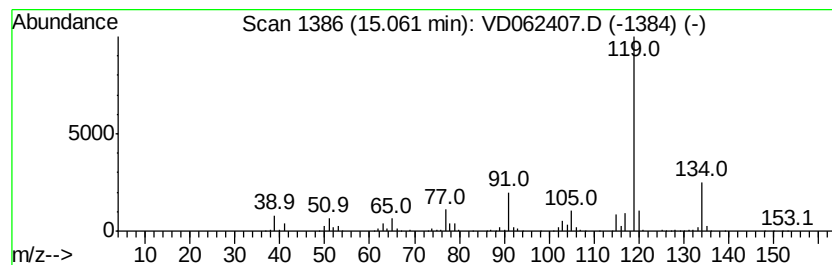
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	470.75 ug/l	4890480	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051519\
Data File : VD062407.D
Acq On : 16 May 2019 00:03
Operator : FY/SY
Sample : K2866-01
Misc : 6.21g/5mL/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-COMP-1

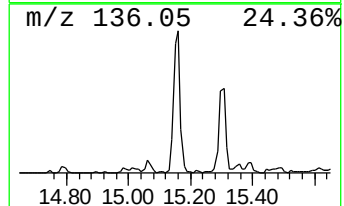
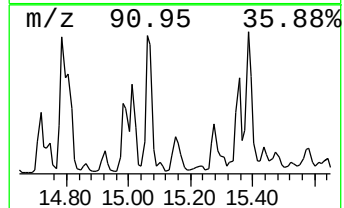
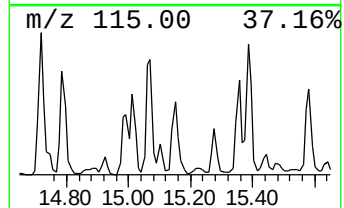
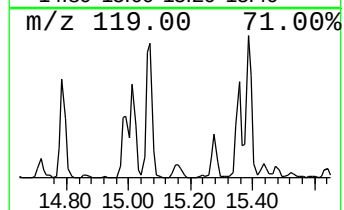
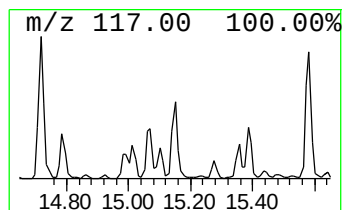
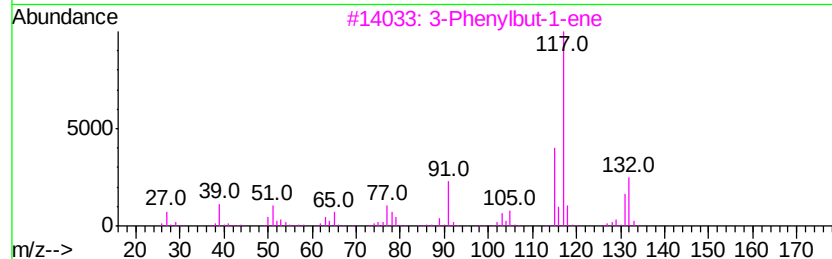
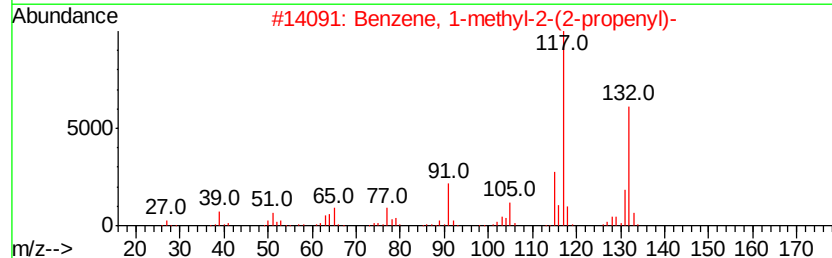
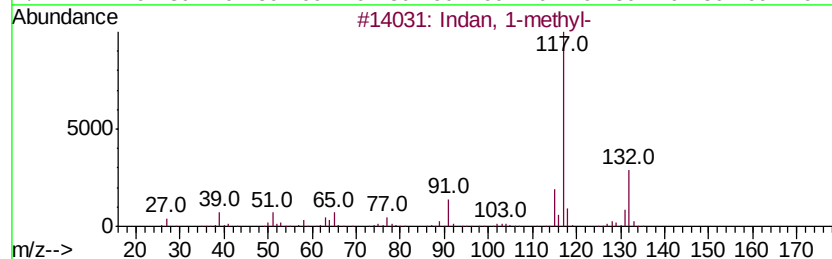
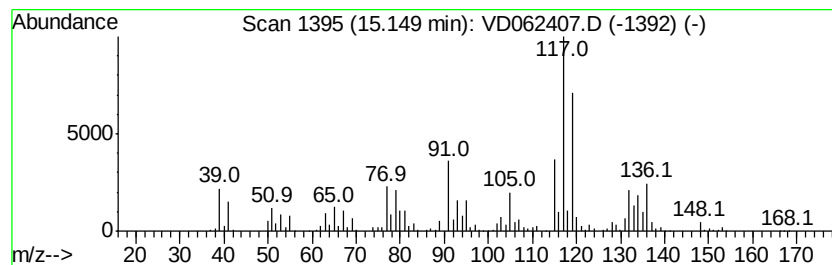
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Quant Title : SW846 8260

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

Peak Number 6 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	226.47 ug/l	2352750	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	60
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051519\
Data File : VD062407.D
Acq On : 16 May 2019 00:03
Operator : FY/SY
Sample : K2866-01
Misc : 6.21g/5mL/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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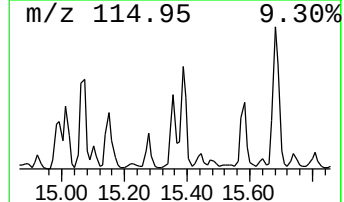
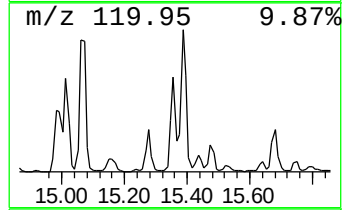
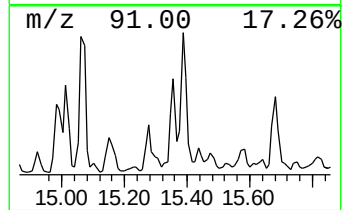
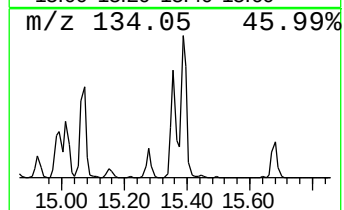
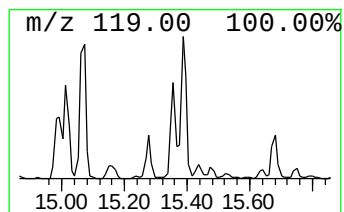
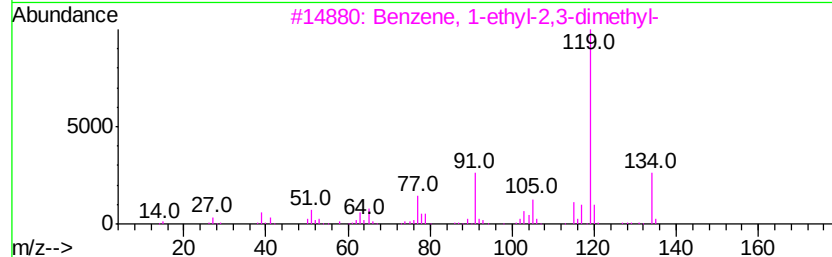
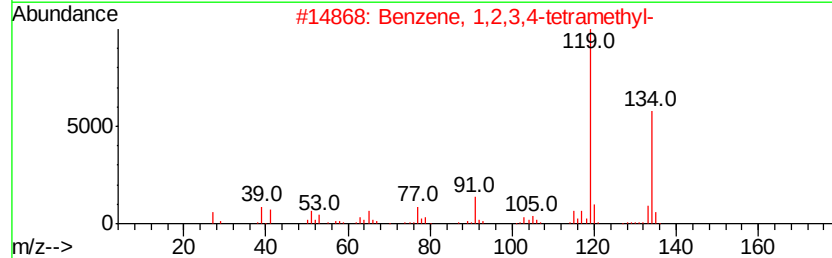
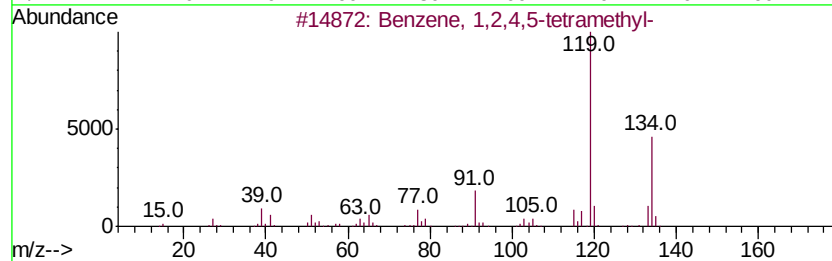
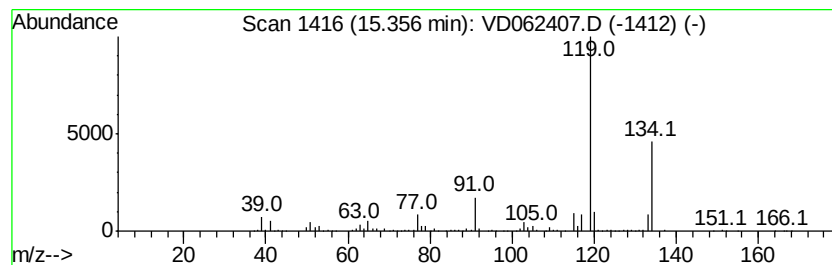
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	314.64 ug/l	3268700	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051519\
Data File : VD062407.D
Acq On : 16 May 2019 00:03
Operator : FY/SY
Sample : K2866-01
Misc : 6.21g/5mL/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

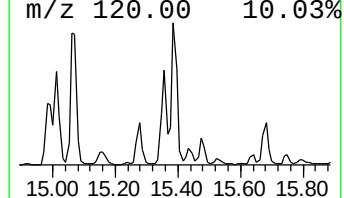
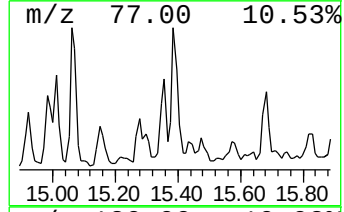
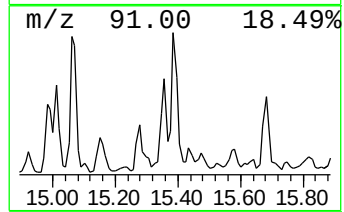
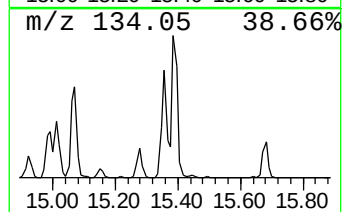
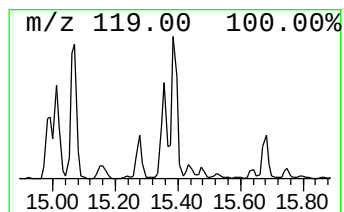
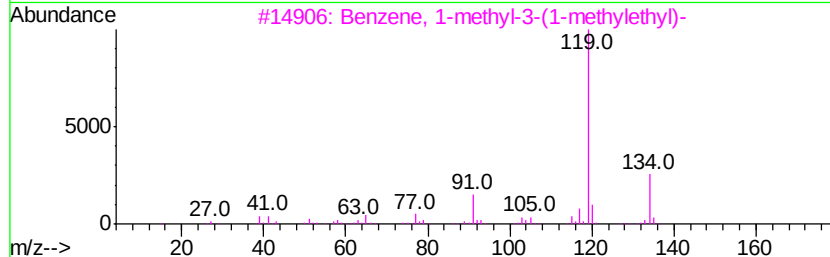
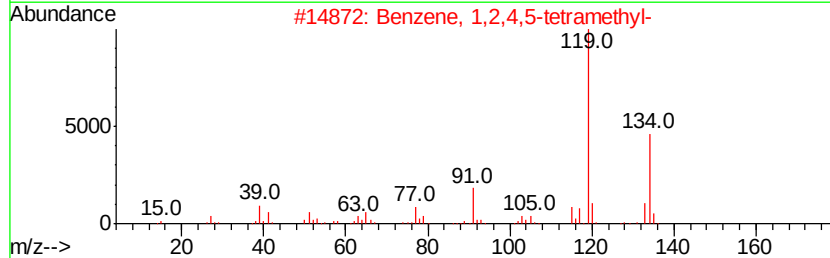
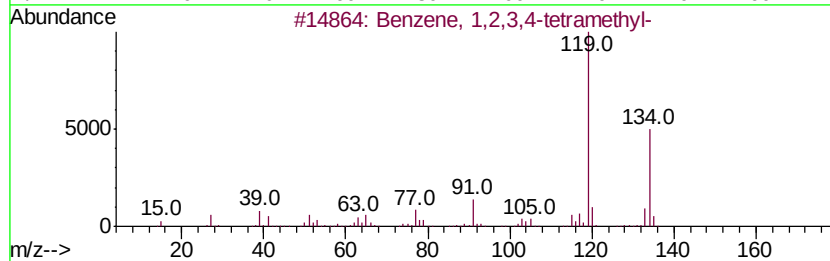
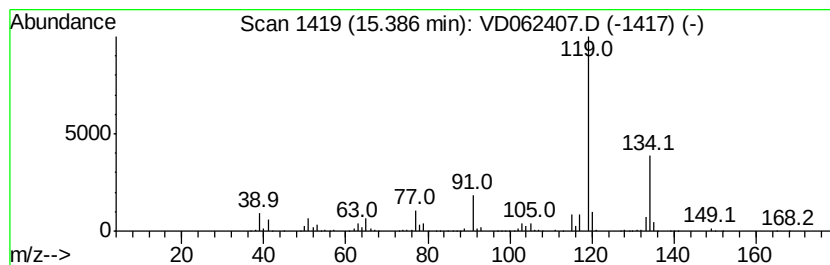
Instrument :
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ClientSampleId :
RO-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	493.70 ug/l	5128810	1,4-Dichlorobenzene-d4	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	93
2	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	93
3	Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3	91
4	o-Cymene	134 C10H14	000527-84-4	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051519\
Data File : VD062407.D
Acq On : 16 May 2019 00:03
Operator : FY/SY
Sample : K2866-01
Misc : 6.21g/5mL/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-COMP-1

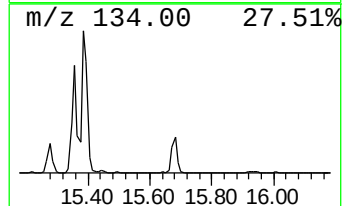
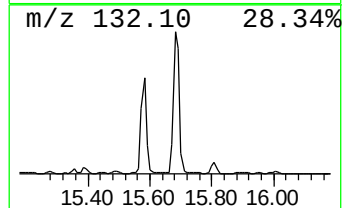
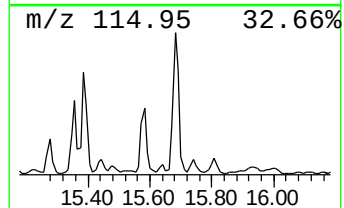
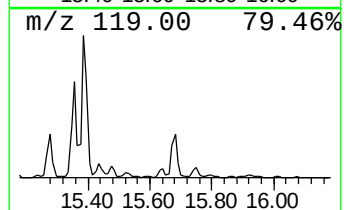
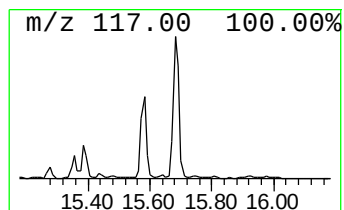
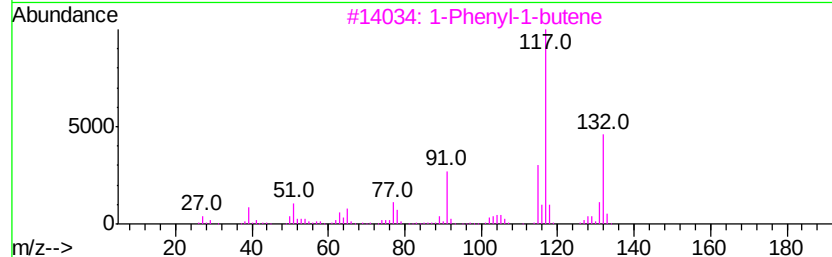
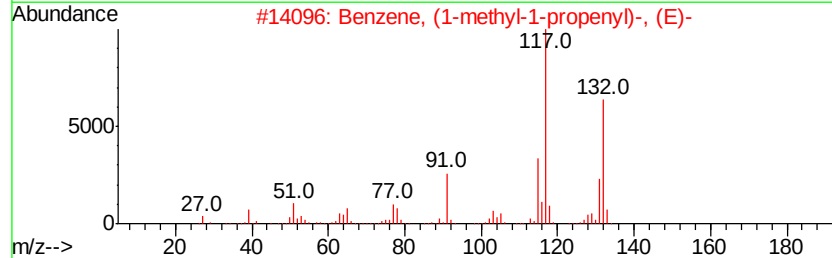
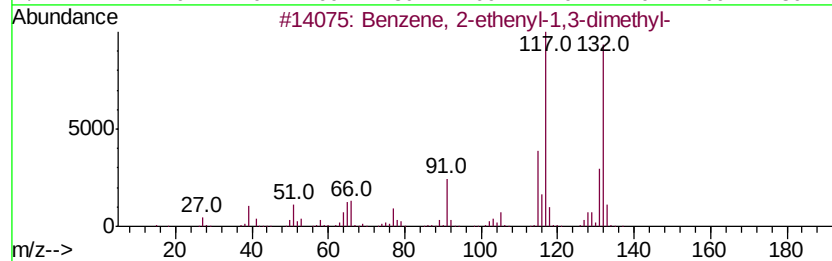
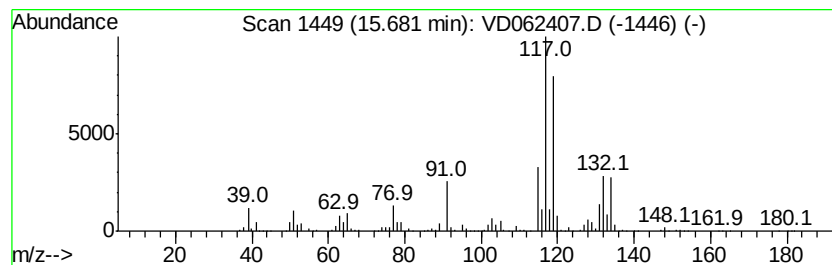
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	388.06 ug/l	4031350	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	60
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062407.D
Acq On : 16 May 2019 00:03
Operator : FY/SY
Sample : K2866-01
Misc : 6.21g/5mL/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.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
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Benzene, 1-methyl...	14.92	181.9	ug/l	1889270	4	14.53	519431	50.0
Benzene, 2-ethyl-...	14.98	239.6	ug/l	2489560	4	14.53	519431	50.0
p-Cymene	15.01	208.7	ug/l	2168450	4	14.53	519431	50.0
Benzene, 1-ethyl-...	15.06	470.8	ug/l	4890480	4	14.53	519431	50.0
Indan, 1-methyl-	15.15	226.5	ug/l	2352750	4	14.53	519431	50.0
Benzene, 1,2,4,5-...	15.36	314.6	ug/l	3268700	4	14.53	519431	50.0
Benzene, 1,2,3,4-...	15.39	493.7	ug/l	5128810	4	14.53	519431	50.0
Benzene, 2-etheny...	15.68	388.1	ug/l	4031350	4	14.53	519431	50.0