

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063293.D
 Acq On : 1 Aug 2019 15:35
 Operator : VA/AP
 Sample : K4120-03
 Misc : 4.87g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-3

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\82D072919S.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	1.765	29	34	35	rVV4	8616	18234	7.90%	0.840%
2	1.805	35	38	39	rBV3	5161	10097	4.38%	0.465%
3	1.913	47	49	50	rBV	6195	7127	3.09%	0.328%
4	1.952	50	53	55	rVV2	6118	11015	4.77%	0.507%
5	2.070	62	65	67	rBV3	6421	13800	5.98%	0.636%
6	2.110	67	69	72	rVV4	5636	7465	3.24%	0.344%
7	2.149	72	73	75	rVV2	4886	4191	1.82%	0.193%
8	2.179	75	76	77	rVV	4117	4358	1.89%	0.201%
9	2.228	79	81	82	rVV2	6120	6181	2.68%	0.285%
10	2.277	83	86	90	rVB3	6112	12006	5.20%	0.553%
11	2.356	90	94	95	rBV2	6719	9996	4.33%	0.460%
12	2.375	95	96	98	rVB	4858	4673	2.03%	0.215%
13	2.435	98	102	104	rVB5	4454	11435	4.96%	0.527%
14	2.484	104	107	108	rBV3	4855	8218	3.56%	0.378%
15	2.563	113	115	119	rVB2	7609	10705	4.64%	0.493%
16	2.612	119	120	122	rBV	6815	6663	2.89%	0.307%
17	2.740	131	133	135	rBV3	9892	15938	6.91%	0.734%
18	2.858	144	145	148	rBV3	6189	8487	3.68%	0.391%
19	2.897	148	149	151	rVV2	5029	6425	2.79%	0.296%
20	2.937	151	153	156	rVB3	6005	11434	4.96%	0.527%
21	3.212	179	181	187	rVB2	6915	12581	5.45%	0.579%
22	3.350	191	195	200	rVB2	3308	10774	4.67%	0.496%
23	3.419	200	202	205	rBV	2409	4422	1.92%	0.204%
24	3.576	215	218	221	rVB3	3717	6596	2.86%	0.304%
25	4.197	277	281	283	rBV2	2650	5232	2.27%	0.241%
26	4.374	297	299	304	rVB	2437	4201	1.82%	0.193%
27	5.752	435	439	441	rBV	2409	4740	2.05%	0.218%
28	6.136	475	478	482	rBV	9500	21959	9.52%	1.011%
29	6.461	507	511	514	rVB	2101	5433	2.36%	0.250%
30	6.904	552	556	564	rBV2	32814	90894	39.40%	4.186%
31	7.022	564	568	578	rVB	50148	143629	62.26%	6.615%
32	7.435	601	610	616	rBV2	33228	86896	37.67%	4.002%
33	7.672	630	634	639	rVB2	3310	8448	3.66%	0.389%
34	8.203	683	688	693	rBV2	76907	173010	75.00%	7.968%

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35	8.824	747	751	754	rVB	2582	5914	2.56%	0.272%
36	8.932	757	762	766	rVV2	3419	11160	4.84%	0.514%
37	9.001	766	769	771	rVV	3411	6834	2.96%	0.315%
38	9.286	793	798	799	rBV	3592	5896	2.56%	0.272%
39	9.503	818	820	821	rBV	3191	4151	1.80%	0.191%
40	9.532	821	823	827	rVB3	4567	10519	4.56%	0.484%
41	9.719	840	842	847	rVB2	3457	7525	3.26%	0.347%
42	10.044	871	875	878	rVB2	1855	4490	1.95%	0.207%
43	10.113	878	882	887	rBV2	7766	17193	7.45%	0.792%
44	10.399	904	911	916	rBV2	61055	156371	67.79%	7.201%
45	10.911	957	963	970	rVB4	5103	17280	7.49%	0.796%
46	11.226	991	995	1000	rVB3	4697	11412	4.95%	0.526%
47	11.570	1029	1030	1031	rBV3	4916	4941	2.14%	0.228%
48	11.590	1031	1032	1034	rVV	4209	5736	2.49%	0.264%
49	11.619	1034	1035	1038	rVV2	3613	4566	1.98%	0.210%
50	11.698	1038	1043	1045	rVB2	3217	6016	2.61%	0.277%
51	11.964	1067	1070	1073	rBV2	4251	10429	4.52%	0.480%
52	12.112	1082	1085	1088	rBV2	7887	15582	6.75%	0.718%
53	12.161	1088	1090	1092	rVB2	3022	4292	1.86%	0.198%
54	12.358	1106	1110	1116	rBV	144610	220376	95.53%	10.149%
55	12.505	1123	1125	1126	rBV	2995	5107	2.21%	0.235%
56	12.545	1126	1129	1132	rVB	6119	12890	5.59%	0.594%
57	12.653	1137	1140	1142	rVV	5088	8609	3.73%	0.396%
58	12.692	1142	1144	1147	rVB2	4769	6676	2.89%	0.307%
59	12.761	1147	1151	1153	rBV2	3425	6276	2.72%	0.289%
60	12.840	1157	1159	1161	rBV	3512	5412	2.35%	0.249%
61	13.007	1173	1176	1178	rBV2	3785	6485	2.81%	0.299%
62	13.224	1192	1198	1201	rBV3	6097	14495	6.28%	0.668%
63	13.313	1204	1207	1211	rVV3	5500	9215	3.99%	0.424%
64	13.391	1211	1215	1217	rVV	3604	6584	2.85%	0.303%
65	13.460	1221	1222	1226	rVB	4926	4988	2.16%	0.230%
66	13.549	1228	1231	1234	rVV	107863	140194	60.77%	6.456%
67	13.598	1234	1236	1239	rVB2	3605	7047	3.05%	0.325%
68	13.706	1244	1247	1250	rVB3	7512	9265	4.02%	0.427%
69	13.765	1250	1253	1258	rBV2	4899	7219	3.13%	0.332%
70	14.238	1297	1301	1302	rVB	3955	5449	2.36%	0.251%
71	14.277	1302	1305	1308	rVB	3490	5583	2.42%	0.257%

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72	14.336	1308	1311	1316	rBV3	6907	15528	6.73%	0.715%
73	14.514	1326	1329	1333	rVB	179753	230683	100.00%	10.624%
74	14.701	1343	1348	1353	rVB4	6275	14439	6.26%	0.665%
75	14.769	1353	1355	1361	rBV3	11228	24533	10.63%	1.130%
76	14.848	1361	1363	1368	rBV	5337	9597	4.16%	0.442%
77	15.144	1389	1393	1397	rVV3	7302	13695	5.94%	0.631%
78	15.193	1397	1398	1402	rVV2	3027	4378	1.90%	0.202%
79	15.252	1402	1404	1406	rVV2	8636	10034	4.35%	0.462%
80	15.281	1406	1407	1409	rVV	5235	8728	3.78%	0.402%
81	15.311	1409	1410	1411	rVV	9442	8031	3.48%	0.370%
82	15.340	1411	1413	1416	rVV	25195	31793	13.78%	1.464%
83	15.429	1420	1422	1424	rVB	7057	7664	3.32%	0.353%
84	15.508	1428	1430	1435	rBV	7316	12396	5.37%	0.571%
85	15.577	1435	1437	1439	rVV	5225	5825	2.53%	0.268%
86	15.911	1467	1471	1473	rBV	20585	31212	13.53%	1.437%
87	15.970	1473	1477	1481	rVB3	20728	38469	16.68%	1.772%
88	16.118	1489	1492	1494	rVB2	7790	11238	4.87%	0.518%
89	16.167	1494	1497	1500	rBV	3343	5014	2.17%	0.231%
90	16.217	1500	1502	1504	rVV	20415	23966	10.39%	1.104%
91	16.256	1504	1506	1509	rVB2	5501	8100	3.51%	0.373%
92	16.354	1513	1516	1520	rBV	7448	13149	5.70%	0.606%
93	16.473	1525	1528	1536	rVB3	19339	33295	14.43%	1.533%
94	16.571	1536	1538	1540	rBV	7525	9186	3.98%	0.423%
95	16.620	1540	1543	1545	rVB2	10510	14812	6.42%	0.682%
96	16.729	1551	1554	1556	rBV	2950	6785	2.94%	0.312%
97	16.906	1569	1572	1574	rBV2	4401	6223	2.70%	0.287%
98	17.044	1583	1586	1588	rBV2	2361	4468	1.94%	0.206%
99	17.398	1621	1622	1627	rVB2	1670	4240	1.84%	0.195%
100	17.595	1637	1642	1643	rBV	2040	4493	1.95%	0.207%

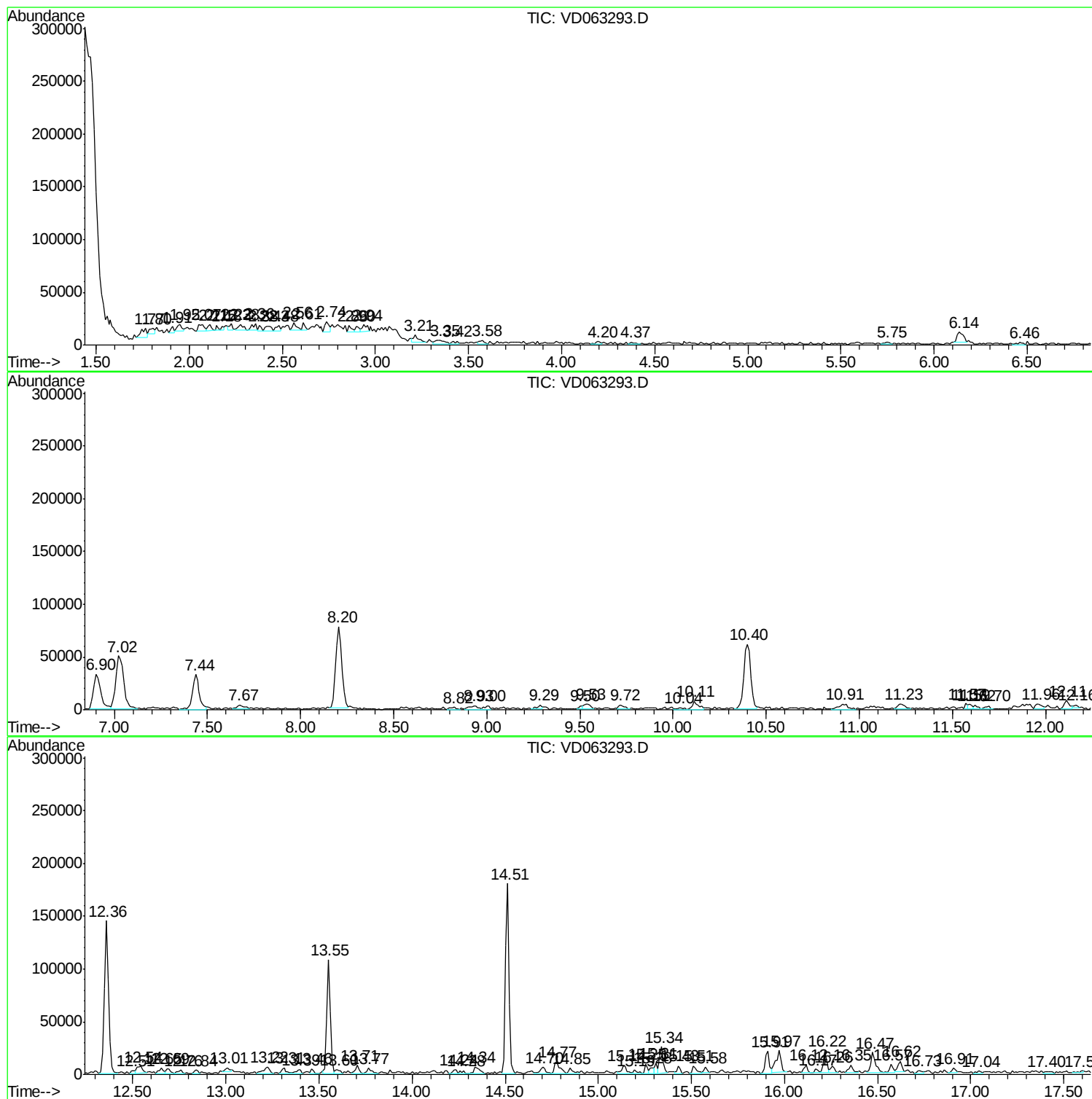
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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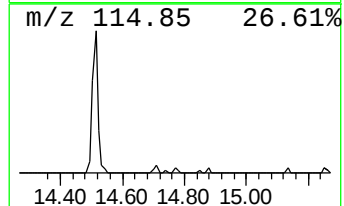
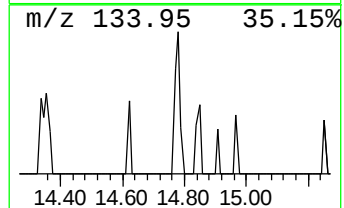
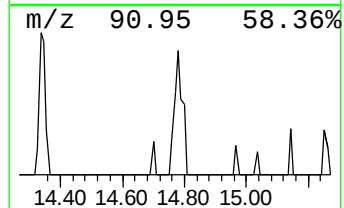
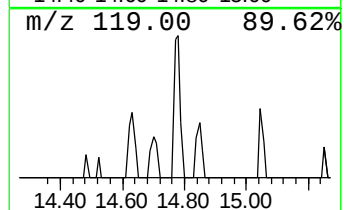
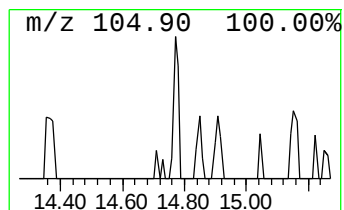
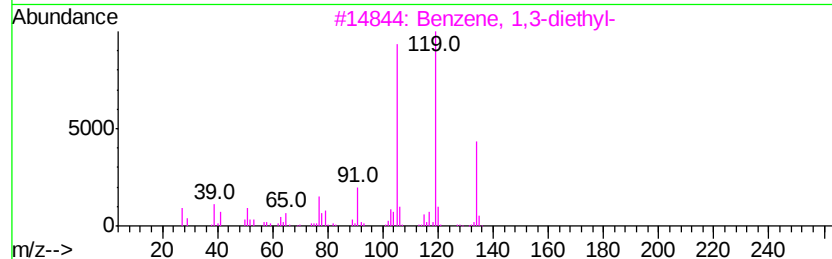
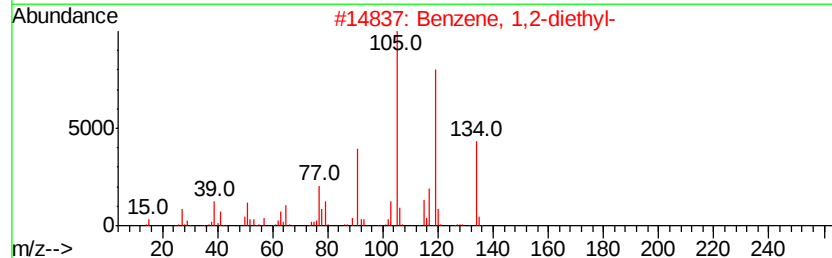
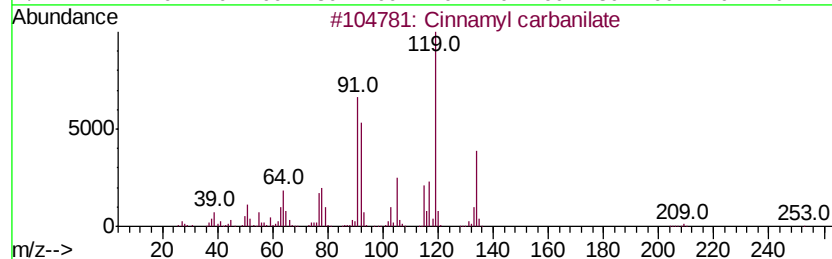
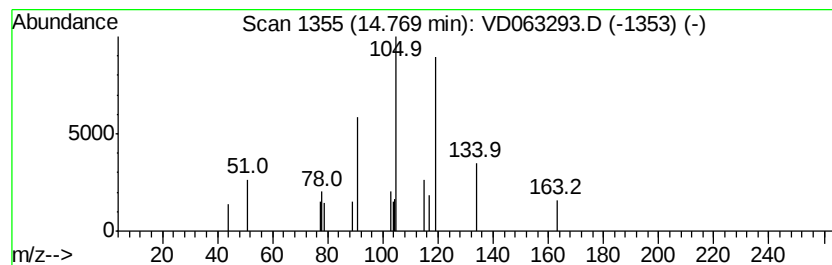
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260

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

Peak Number 4 Cinnamyl carbanilate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.32 ug/l	24533	1,4-Dichlorobenzene-d4	14.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl	carbanilate	253	C16H15NO2	025076-44-2	53
2	Benzene, 1,2-diethyl-		134	C10H14	000135-01-3	50
3	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	47
4	1,3,8-p-Menthatriene		134	C10H14	018368-95-1	40
5	Benzene, tert-butyl-		134	C10H14	000098-06-6	38



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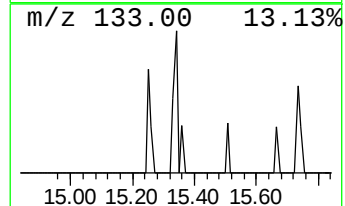
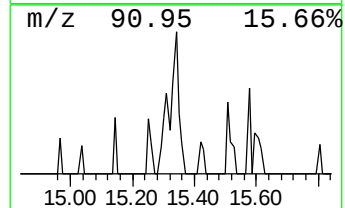
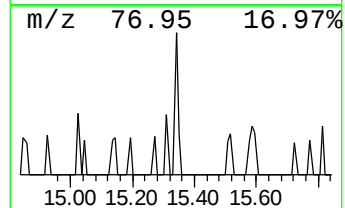
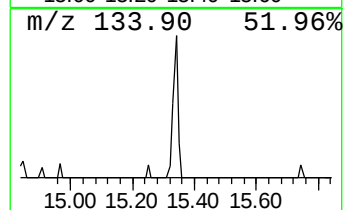
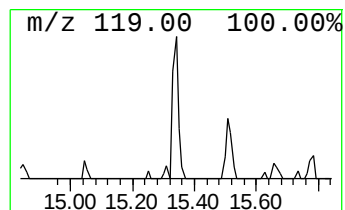
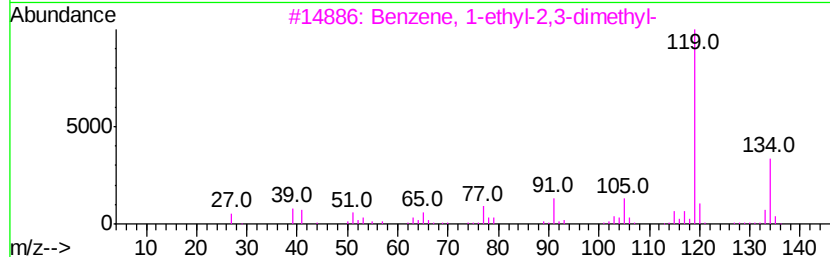
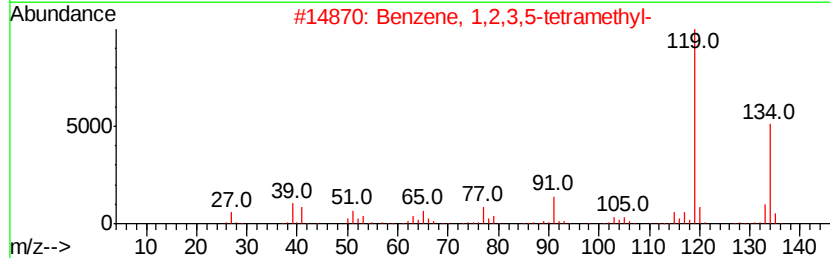
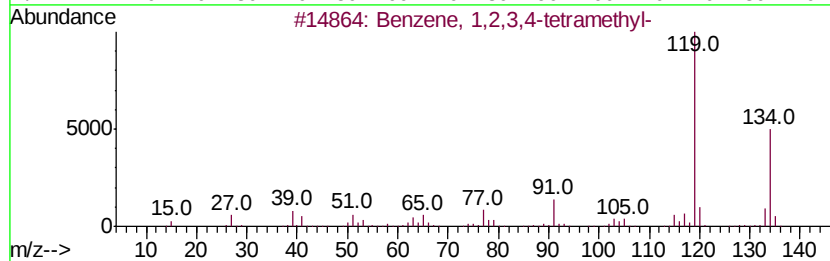
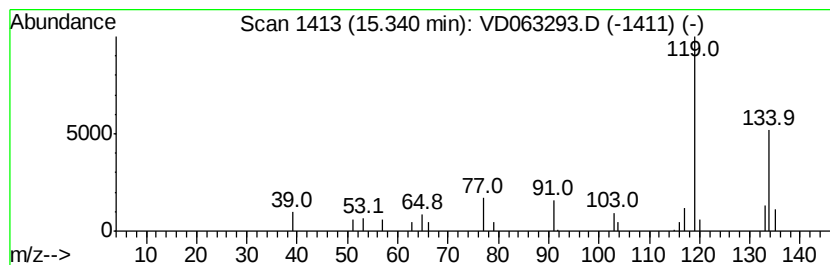
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	6.89 ug/l	31793	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86



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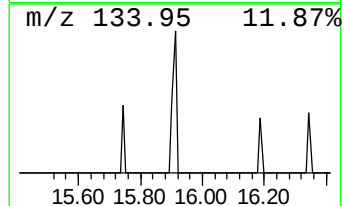
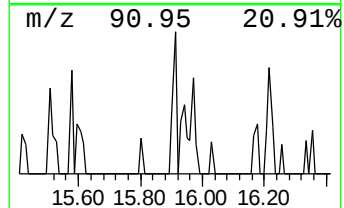
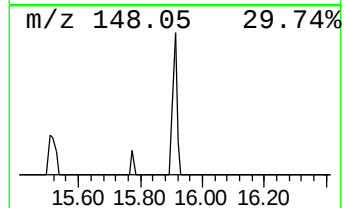
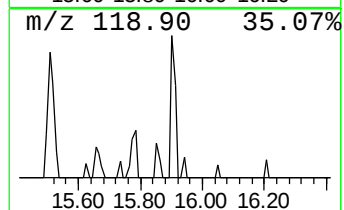
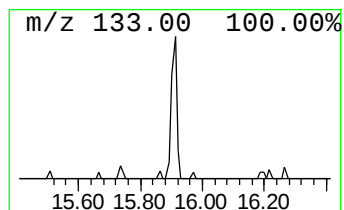
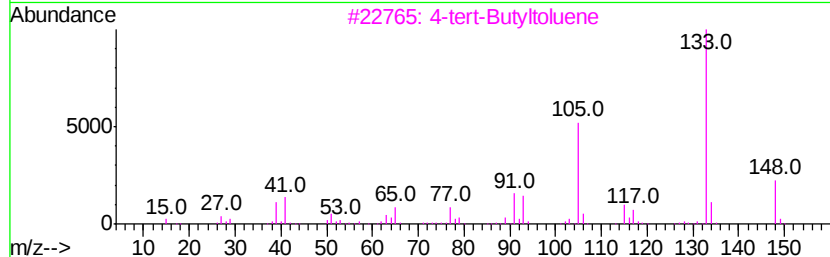
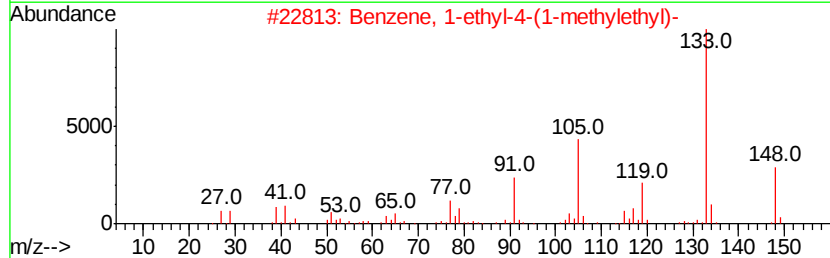
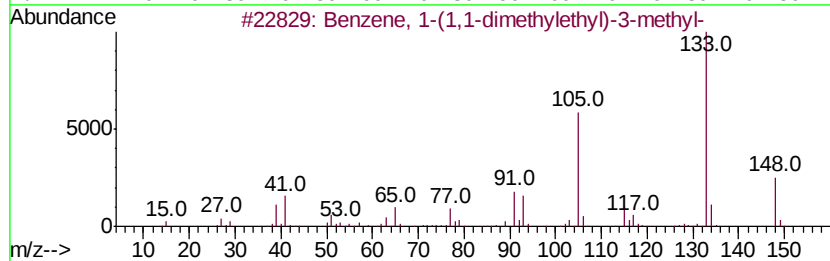
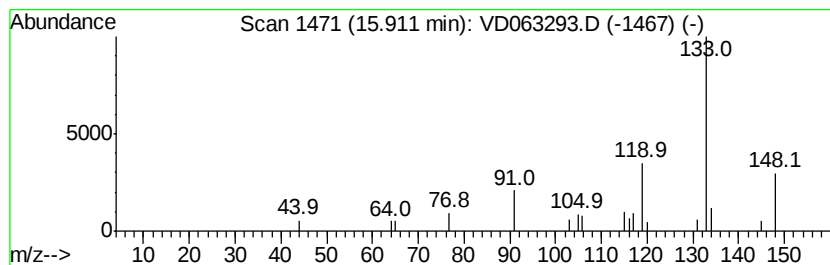
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-(1,1-dimethyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	6.77 ug/l	31212	1,4-Dichlorobenzene-d4	14.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	81
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	74
4		Benzene, 1,3-dimethyl-5-(1-methv...	148	C11H16	004706-90-5	74
5		2-tert-Butyltoluene	148	C11H16	001074-92-6	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\
Data File : VD063293.D
Acq On : 1 Aug 2019 15:35
Operator : VA/AP
Sample : K4120-03
Misc : 4.87g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T1-3

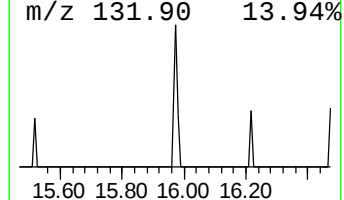
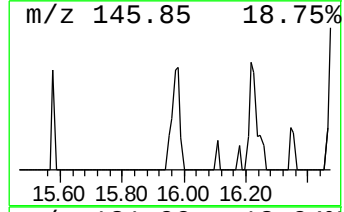
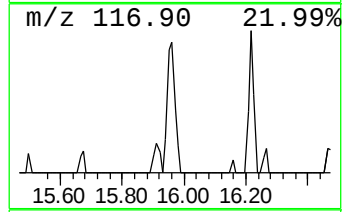
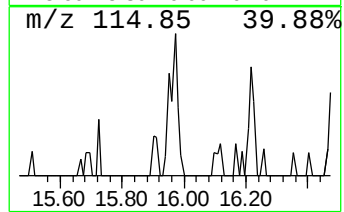
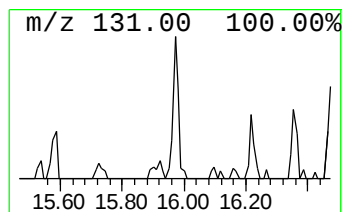
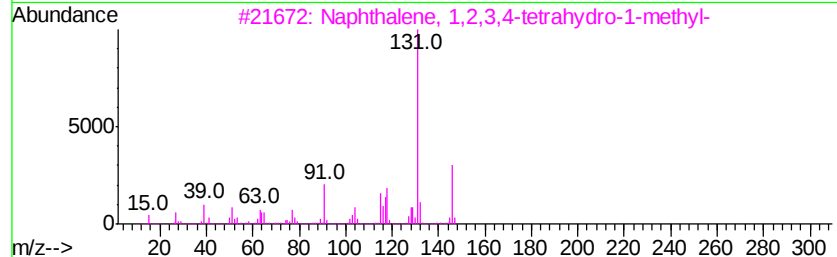
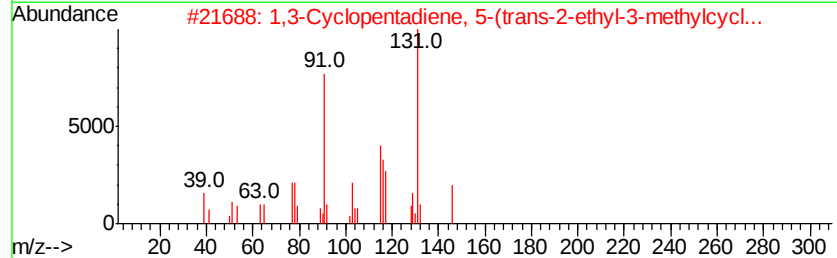
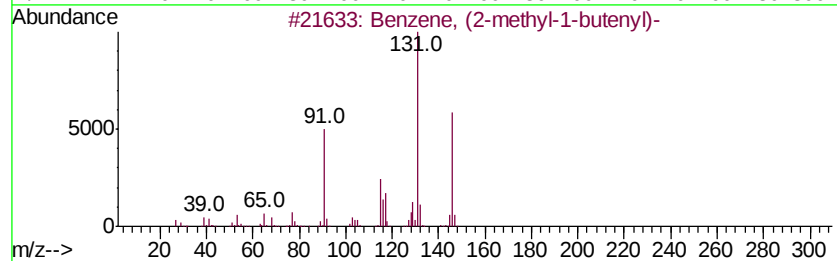
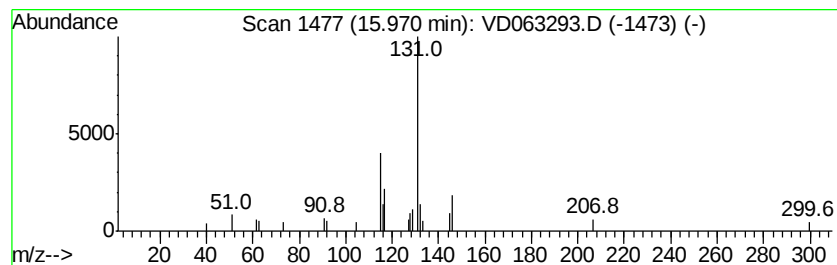
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	8.34 ug/l	38469	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	72
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	72
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\
Data File : VD063293.D
Acq On : 1 Aug 2019 15:35
Operator : VA/AP
Sample : K4120-03
Misc : 4.87g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T1-3

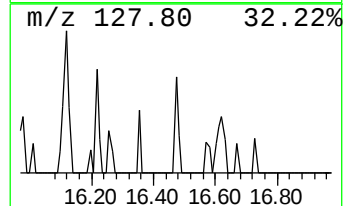
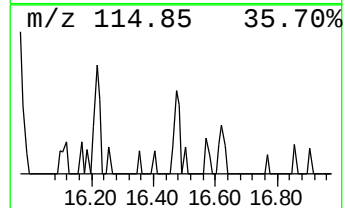
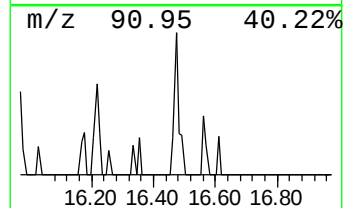
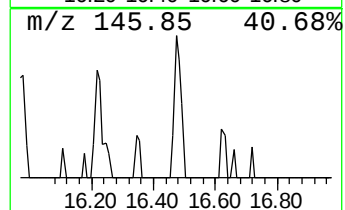
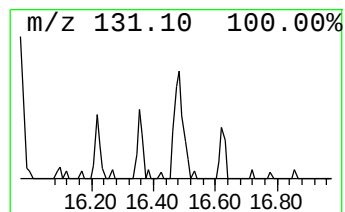
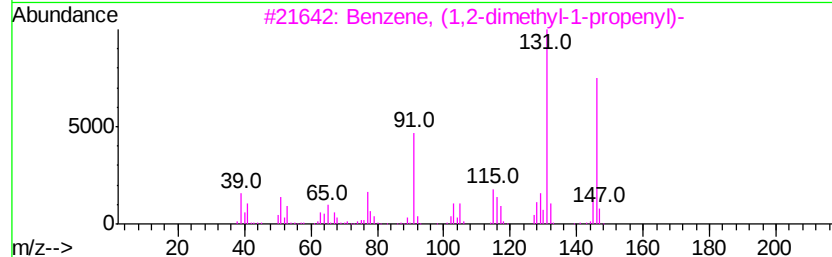
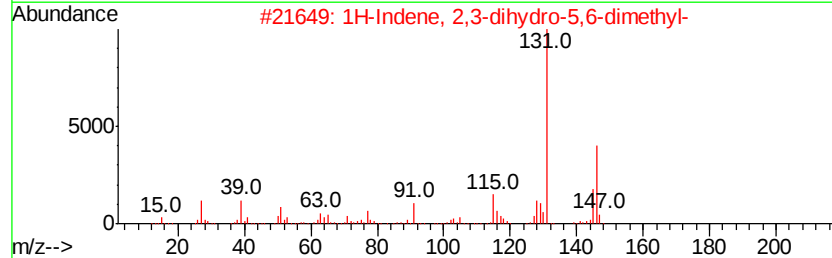
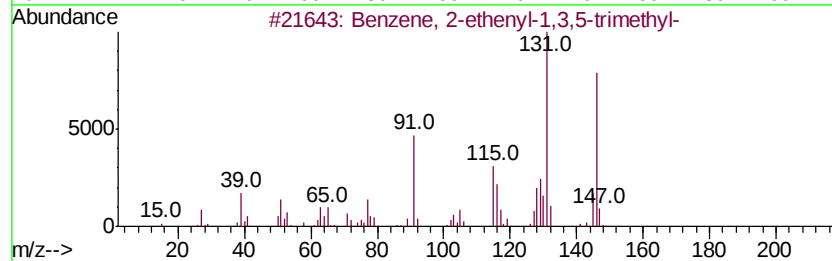
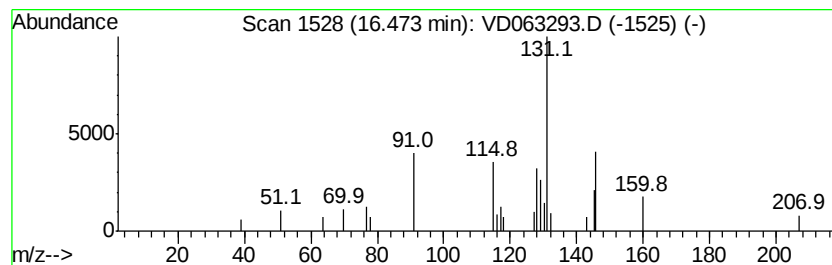
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	7.22 ug/l	33295	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	59
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
5		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080119\
Data File : VD063293.D
Acq On : 1 Aug 2019 15:35
Operator : VA/AP
Sample : K4120-03
Misc : 4.87g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.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
Cinnamyl carbanilate	14.77	5.3	ug/l	24533	4	14.51	230683	50.0
Benzene, 1,2,3,4-...	15.34	6.9	ug/l	31793	4	14.51	230683	50.0
Benzene, 1-(1,1-d...	15.91	6.8	ug/l	31212	4	14.51	230683	50.0
Benzene, (2-methy...	15.97	8.3	ug/l	38469	4	14.51	230683	50.0
Benzene, 2-etheny...	16.47	7.2	ug/l	33295	4	14.51	230683	50.0