

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006138.D
 Acq On : 17 Oct 2018 20:19
 Operator : VA/AP
 Sample : J5515-15
 Misc : 5.91G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC2-02A

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_W\METHOD\82W101518S.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	3.032	180	185	193	rVB	8907	21257	1.66%	0.189%
2	4.915	479	494	496	rBV3	15202	41527	3.25%	0.369%
3	5.434	568	579	595	rBV2	9540	34519	2.70%	0.307%
4	5.940	651	662	675	rVB2	7928	23200	1.82%	0.206%
5	6.732	781	792	802	rBV5	5349	18051	1.41%	0.160%
6	6.891	807	818	822	rBV4	7219	23780	1.86%	0.211%
7	6.988	825	834	842	rBV4	17056	48976	3.83%	0.435%
8	7.159	853	862	875	rBV	15252	51677	4.05%	0.459%
9	7.890	973	982	986	rBV	172038	407862	31.94%	3.626%
10	7.951	986	992	1000	rVV	387328	889275	69.63%	7.907%
11	8.043	1000	1007	1014	rVB3	17069	42603	3.34%	0.379%
12	8.159	1020	1026	1033	rBV	27497	57352	4.49%	0.510%
13	8.262	1037	1043	1044	rVV	22309	36162	2.83%	0.322%
14	8.311	1045	1051	1062	rVB	148909	329811	25.82%	2.932%
15	8.488	1064	1080	1089	rBV3	52312	209764	16.42%	1.865%
16	8.848	1131	1139	1150	rBV	551742	1103559	86.41%	9.812%
17	9.335	1210	1219	1224	rBV2	51307	122728	9.61%	1.091%
18	9.762	1283	1289	1296	rBV3	36239	76088	5.96%	0.676%
19	9.896	1307	1311	1318	rVB2	40987	73751	5.77%	0.656%
20	10.256	1367	1370	1375	rVB2	21769	31517	2.47%	0.280%
21	10.329	1375	1382	1389	rBV	696814	1255583	98.31%	11.163%
22	11.634	1591	1596	1604	rVB	728651	1218499	95.41%	10.834%
23	12.621	1753	1758	1764	rVB2	605055	1016555	79.60%	9.038%
24	13.377	1867	1882	1891	rBV4	135239	594786	46.57%	5.288%
25	13.566	1908	1913	1919	rVB	803485	1277124	100.00%	11.355%
26	13.725	1935	1939	1943	rBV2	47789	70354	5.51%	0.626%
27	13.767	1943	1946	1949	rBV	27827	46751	3.66%	0.416%
28	13.889	1961	1966	1969	rBV4	53160	101388	7.94%	0.901%
29	14.103	1994	2001	2014	rVB2	176267	398695	31.22%	3.545%
30	14.213	2015	2019	2024	rVB2	56129	96208	7.53%	0.855%
31	14.280	2026	2030	2033	rBV6	15642	30972	2.43%	0.275%
32	14.334	2033	2039	2046	rVV3	65712	199869	15.65%	1.777%
33	14.395	2046	2049	2051	rVV2	53574	83662	6.55%	0.744%
34	14.426	2051	2054	2062	rVB	81693	136220	10.67%	1.211%

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35	14.505	2063	2067	2071	rBV	30151	50458	3.95%	0.449%
36	14.560	2071	2076	2081	rVB7	30275	51184	4.01%	0.455%
37	14.609	2081	2084	2088	rBV2	12303	15026	1.18%	0.134%
38	14.700	2095	2099	2103	rBV4	25699	50360	3.94%	0.448%
39	14.810	2111	2117	2121	rBV4	56379	124321	9.73%	1.105%
40	14.859	2121	2125	2132	rVB2	57667	122477	9.59%	1.089%
41	15.072	2156	2160	2164	rVB2	39318	60205	4.71%	0.535%
42	15.115	2164	2167	2173	rVV4	20019	36201	2.83%	0.322%
43	15.182	2174	2178	2184	rVB3	39590	74307	5.82%	0.661%
44	15.340	2199	2204	2211	rBV3	50677	86750	6.79%	0.771%
45	15.432	2216	2219	2224	rVV3	18631	34941	2.74%	0.311%
46	15.590	2240	2245	2250	rVB8	16509	39105	3.06%	0.348%
47	15.670	2251	2258	2265	rBV4	24347	67001	5.25%	0.596%
48	15.749	2266	2271	2277	rBV5	27952	56328	4.41%	0.501%
49	16.182	2337	2342	2347	rBV7	20780	46093	3.61%	0.410%
50	16.389	2371	2376	2383	rVB3	39641	82202	6.44%	0.731%
51	16.657	2414	2420	2428	rBV8	27394	80262	6.28%	0.714%

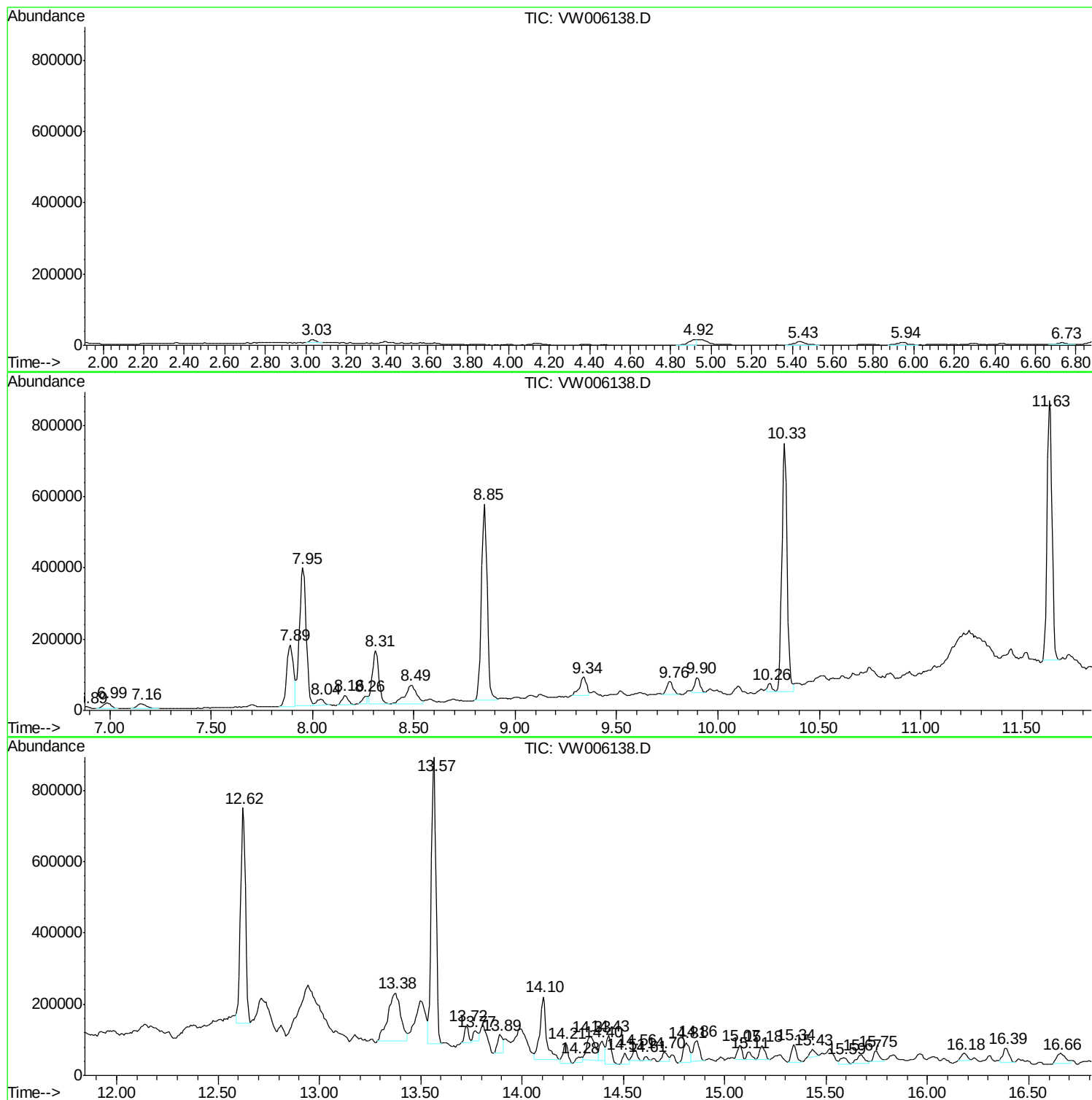
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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



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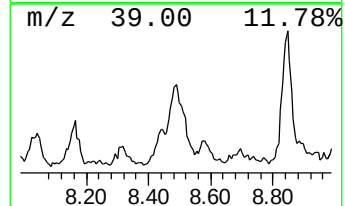
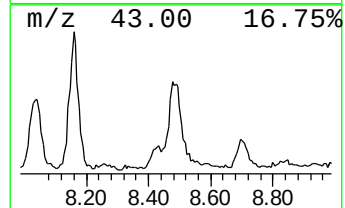
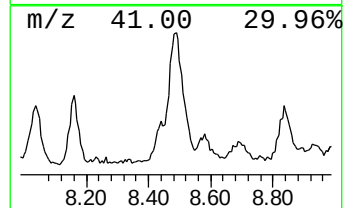
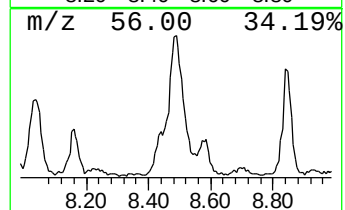
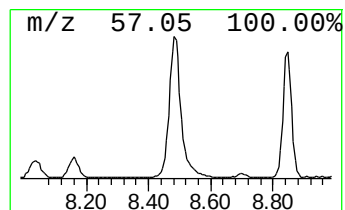
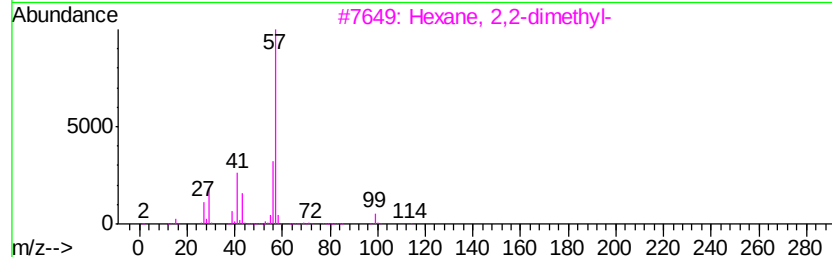
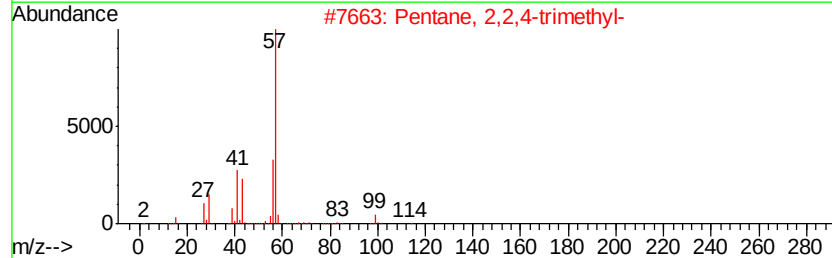
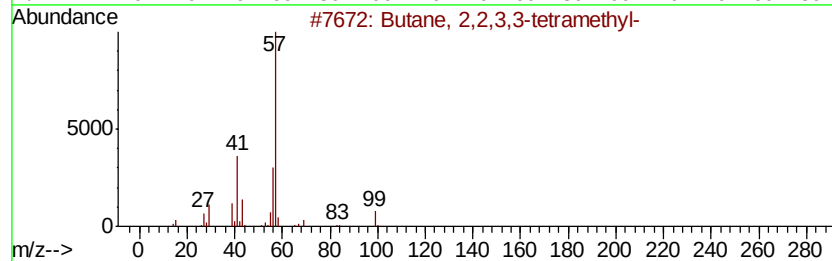
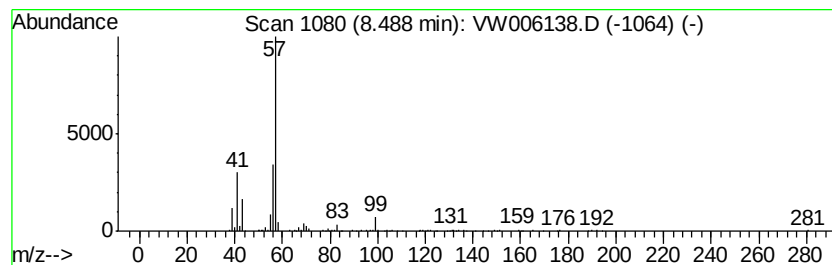
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	9.50 ug/l	209764	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53



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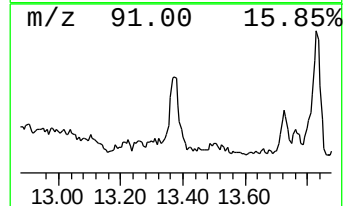
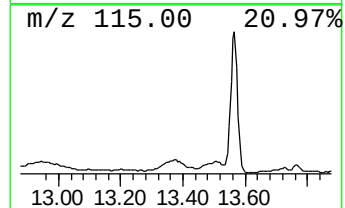
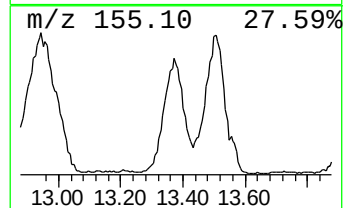
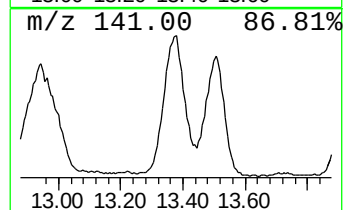
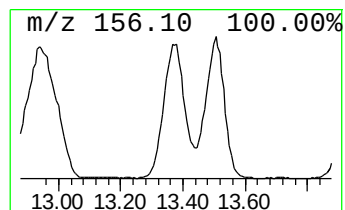
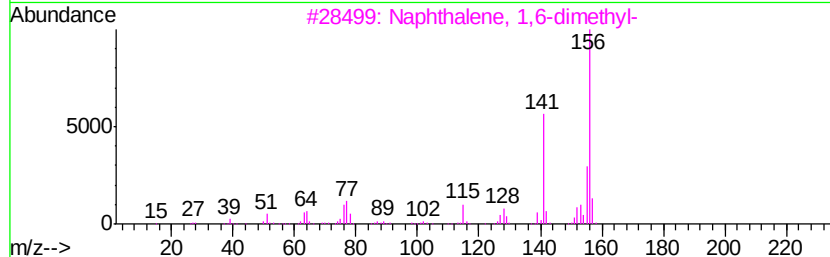
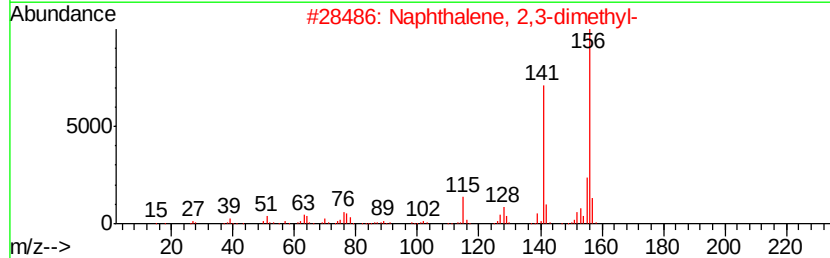
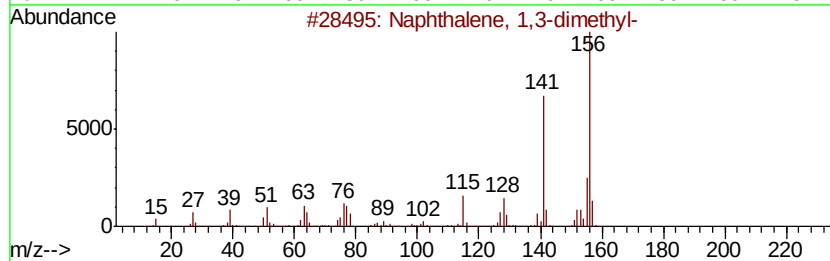
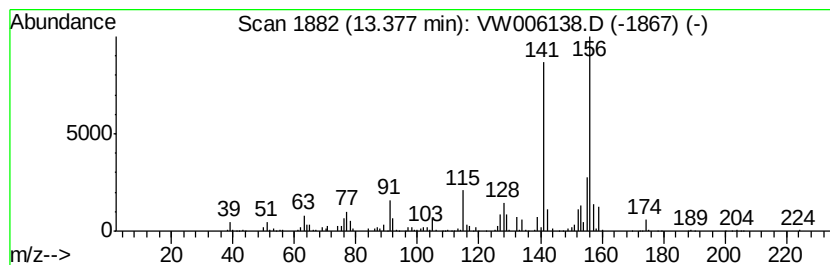
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	23.29 ug/l	594786	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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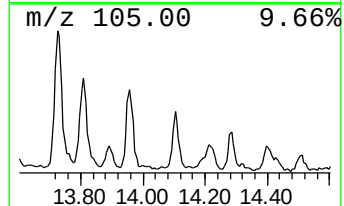
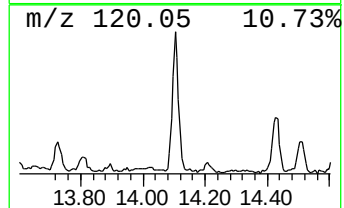
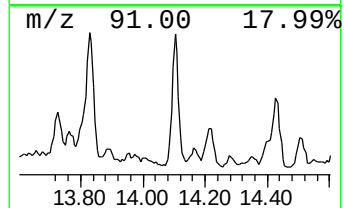
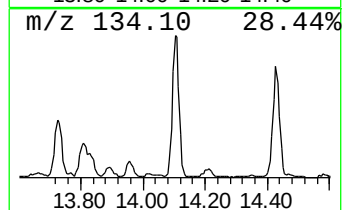
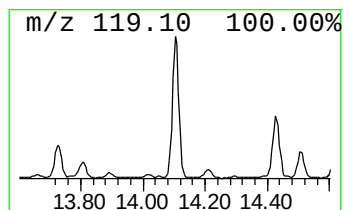
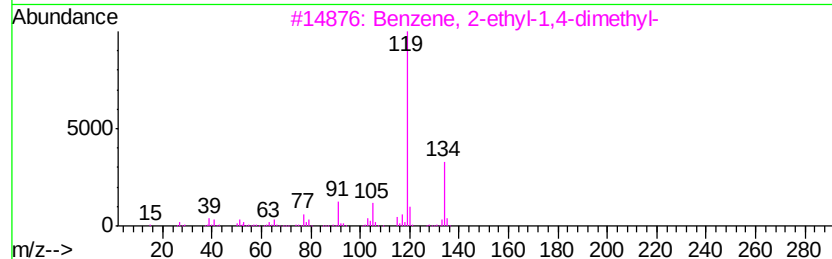
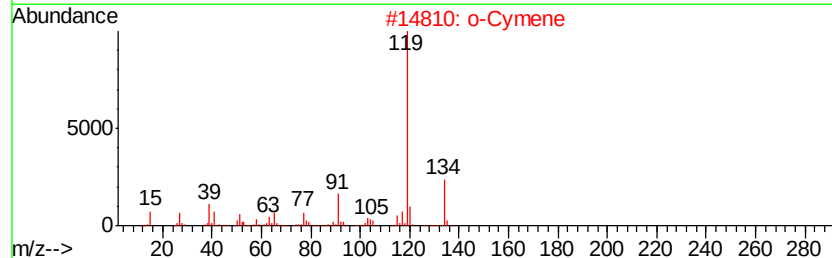
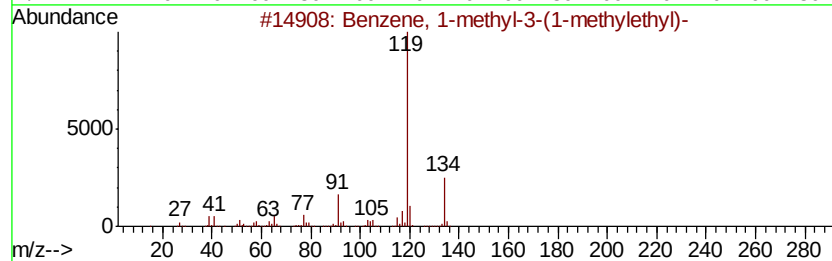
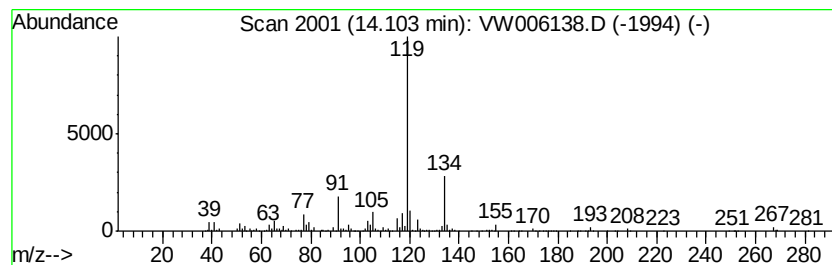
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	15.61 ug/l	398695	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1-methyl-3-(1-methyleth...	134	C10H14		000535-77-3	94
2	o-Cymene		134	C10H14		000527-84-4	94
3	Benzene,	2-ethyl-1,4-dimethyl-	134	C10H14		001758-88-9	94
4	Benzene,	4-ethyl-1,2-dimethyl-	134	C10H14		000934-80-5	94
5	Benzene,	1-ethyl-2,4-dimethyl-	134	C10H14		000874-41-9	93



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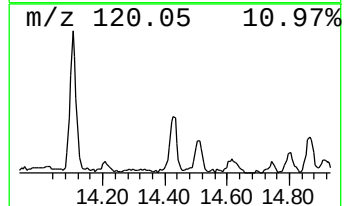
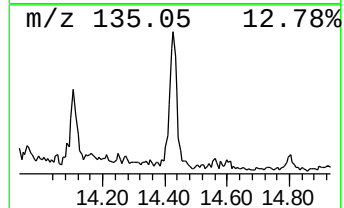
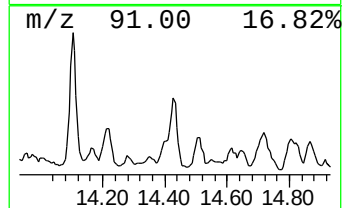
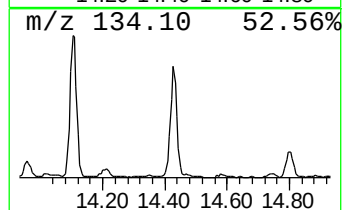
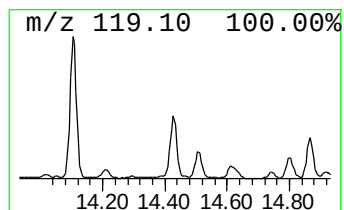
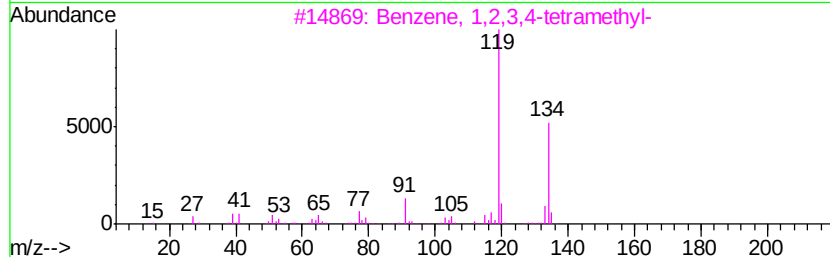
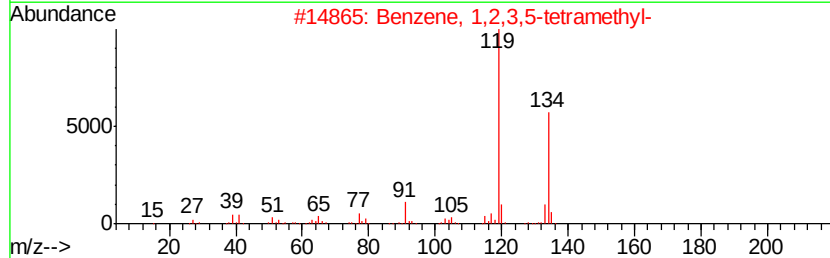
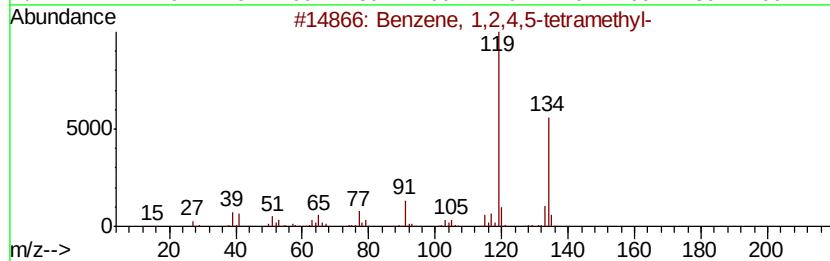
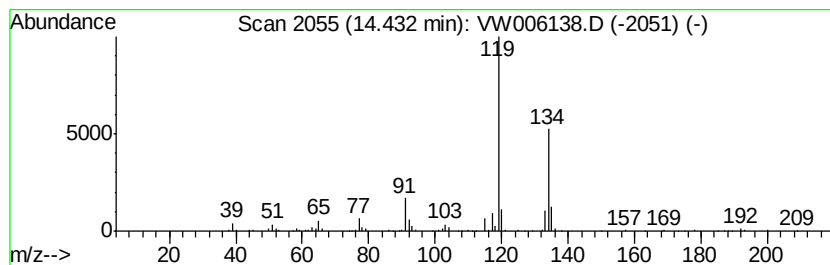
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	5.33 ug/l	136220	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2,2,3,3-t...	8.49	9.5	ug/l	209764	2	8.85	1103560	50.0
Naphthalene, 1,3-...	13.38	23.3	ug/l	594786	4	13.57	1277120	50.0
Benzene, 1-methyl...	14.10	15.6	ug/l	398695	4	13.57	1277120	50.0
Benzene, 1,2,4,5-...	14.43	5.3	ug/l	136220	4	13.57	1277120	50.0