

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008609.D
 Acq On : 11 Feb 2019 20:28
 Operator : SY/VA
 Sample : K1461-05
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-4

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\82W012419S.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	2.495	91	97	100	rBV2	14395	28773	1.02%	0.134%
2	2.690	118	129	131	rBV4	26462	85300	3.01%	0.398%
3	4.123	351	364	374	rBV2	118567	330320	11.66%	1.539%
4	4.427	404	414	421	rVB3	11989	35786	1.26%	0.167%
5	4.665	445	453	461	rBV2	24386	66139	2.33%	0.308%
6	4.903	481	492	507	rBV3	28322	108032	3.81%	0.503%
7	5.781	626	636	647	rBV3	12751	43398	1.53%	0.202%
8	5.933	650	661	668	rVB5	16611	43635	1.54%	0.203%
9	7.159	852	862	874	rBV2	33489	119741	4.23%	0.558%
10	7.878	970	980	985	rBV	325177	769228	27.15%	3.585%
11	7.945	985	991	1001	rVB	560978	1245239	43.95%	5.803%
12	8.305	1039	1050	1061	rBV	305721	689363	24.33%	3.213%
13	8.835	1128	1137	1147	rBV	833349	1681121	59.33%	7.834%
14	9.408	1223	1231	1238	rBV3	21550	45658	1.61%	0.213%
15	10.323	1371	1381	1387	rBV	1305766	2325636	82.08%	10.838%
16	10.384	1387	1391	1397	rVB	25513	47105	1.66%	0.220%
17	10.707	1437	1444	1457	rBV3	37946	96525	3.41%	0.450%
18	11.073	1495	1504	1511	rBV	108333	192774	6.80%	0.898%
19	11.627	1586	1595	1604	rBV	1193714	2029116	71.62%	9.456%
20	11.835	1621	1629	1642	rBV5	14118	41645	1.47%	0.194%
21	12.018	1654	1659	1668	rVB2	24844	44669	1.58%	0.208%
22	12.341	1705	1712	1714	rBV5	19750	35782	1.26%	0.167%
23	12.475	1724	1734	1741	rBV	1676657	2833348	100.00%	13.204%
24	12.621	1750	1758	1764	rVB	1010655	1661446	58.64%	7.743%
25	12.719	1769	1774	1780	rVV2	73210	131419	4.64%	0.612%
26	12.774	1780	1783	1791	rVB2	21858	36599	1.29%	0.171%
27	12.956	1800	1813	1818	rBV2	23237	92171	3.25%	0.430%
28	13.030	1818	1825	1831	rVV	721522	1194468	42.16%	5.566%
29	13.273	1856	1865	1872	rBV	296710	532482	18.79%	2.481%
30	13.365	1872	1880	1882	rBV8	15374	38406	1.36%	0.179%
31	13.469	1891	1897	1906	rBV2	296436	608242	21.47%	2.835%
32	13.560	1906	1912	1919	rVV	1320023	2059173	72.68%	9.596%
33	13.621	1919	1922	1925	rVV3	27488	46282	1.63%	0.216%
34	13.651	1925	1927	1934	rVB3	23533	28400	1.00%	0.132%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SW846 8260

35	14.005	1980	1985	1992	rVV5	40487	84644	2.99%	0.394%
36	14.078	1992	1997	2006	rVB	40892	78145	2.76%	0.364%
37	14.334	2032	2039	2044	rVB6	39964	71380	2.52%	0.333%
38	14.438	2052	2056	2062	rVB4	16415	29721	1.05%	0.139%
39	14.694	2093	2098	2103	rBV	117800	198352	7.00%	0.924%
40	14.919	2130	2135	2139	rBV4	31169	54189	1.91%	0.253%
41	15.108	2162	2166	2171	rVV	63643	115798	4.09%	0.540%
42	15.176	2171	2177	2181	rVV	230233	408325	14.41%	1.903%
43	15.212	2181	2183	2186	rVV	78640	112804	3.98%	0.526%
44	15.261	2186	2191	2202	rVV	400682	683528	24.12%	3.185%
45	15.401	2206	2214	2217	rVV4	24201	67228	2.37%	0.313%
46	15.444	2217	2221	2226	rVV	45251	74832	2.64%	0.349%
47	15.505	2226	2231	2244	rVB9	25123	71073	2.51%	0.331%
48	15.816	2277	2282	2287	rBV8	20132	40945	1.45%	0.191%

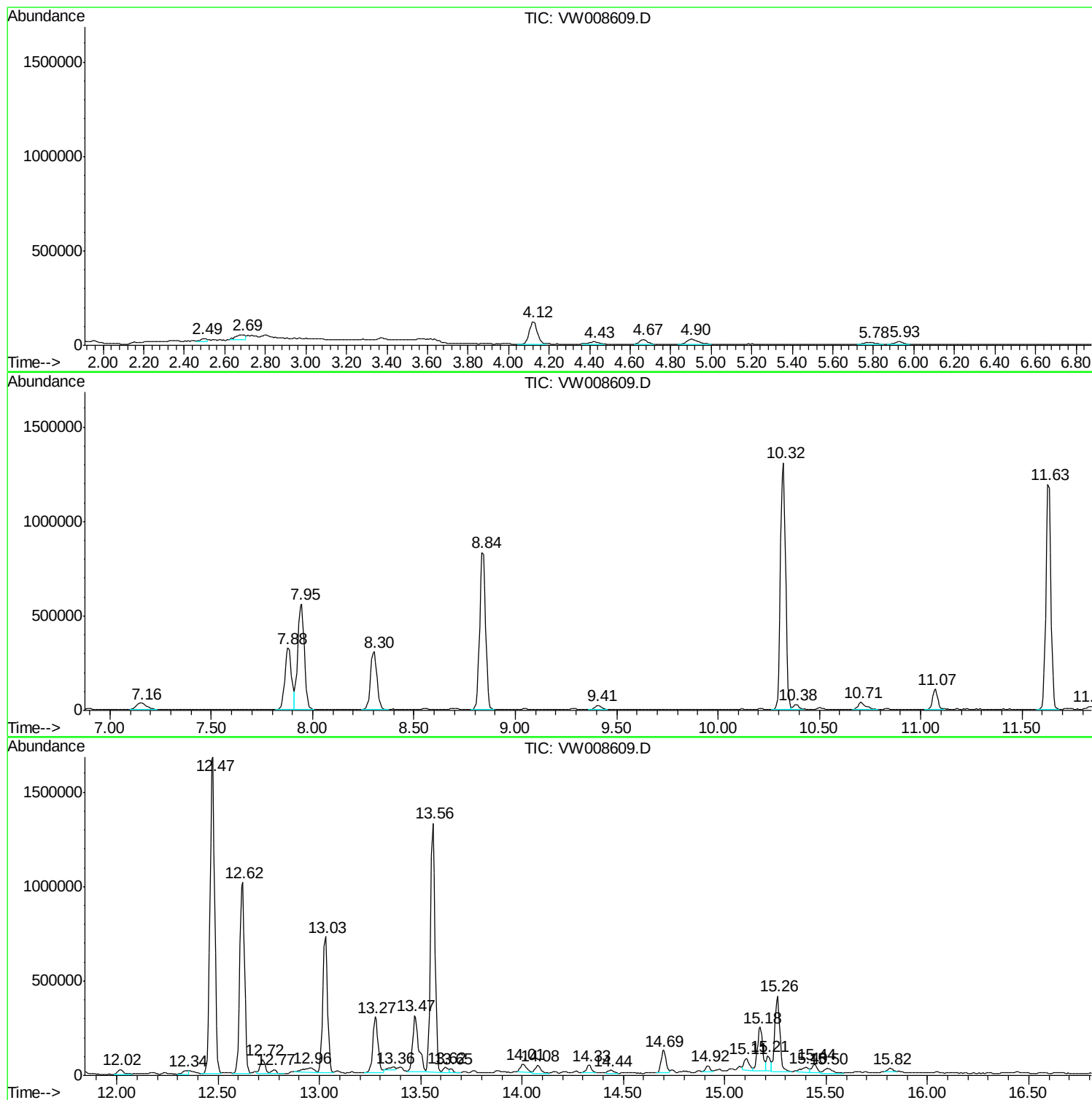
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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



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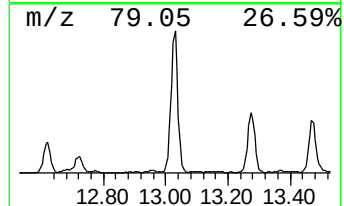
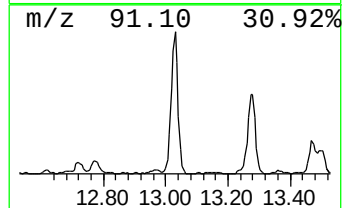
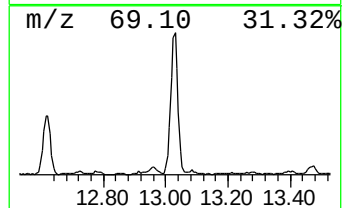
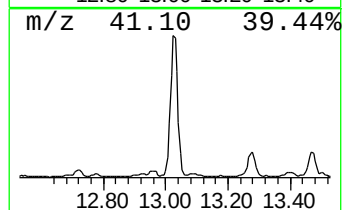
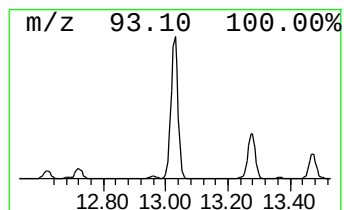
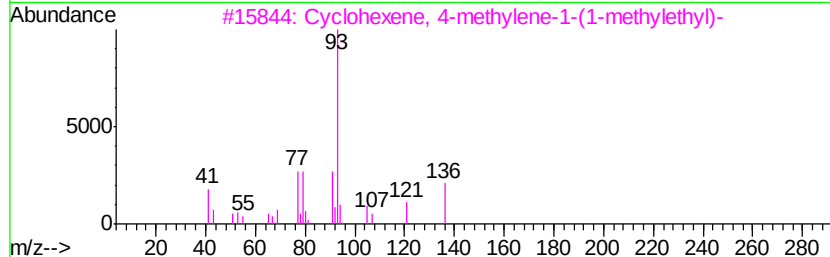
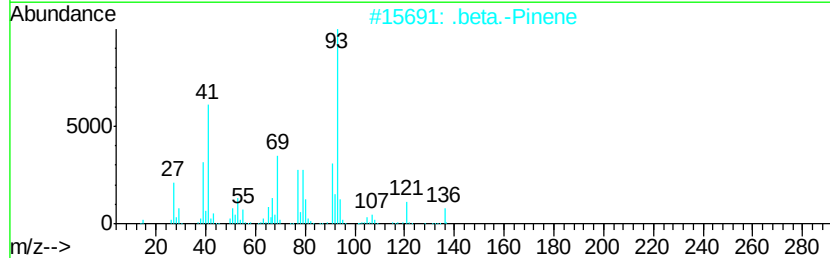
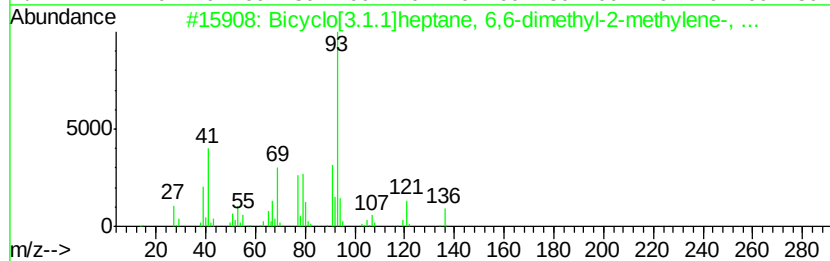
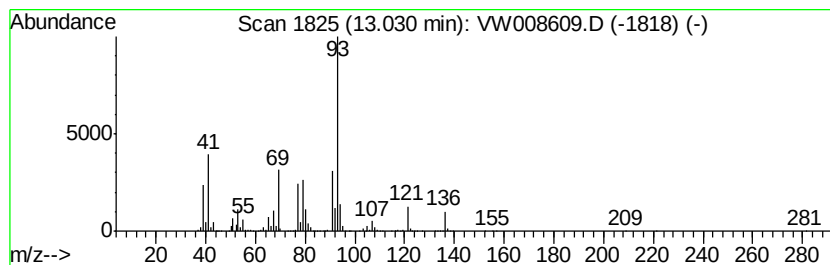
Instrument :
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ClientSampleId :
TEST-PIT-4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 1 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	29.00 ug/l	1194470	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 97
2		.beta.-Pinene	136 C10H16	000127-91-3 96
3		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136 C10H16	000508-32-7 91
5		.alpha.-Pinene	136 C10H16	000080-56-8 90



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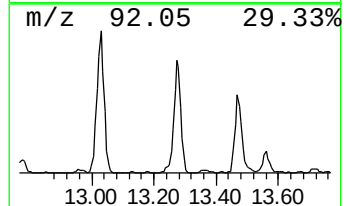
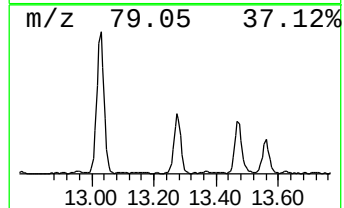
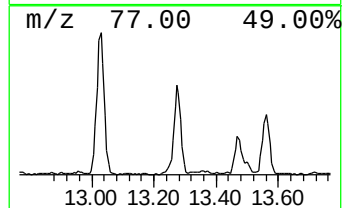
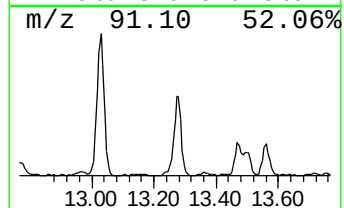
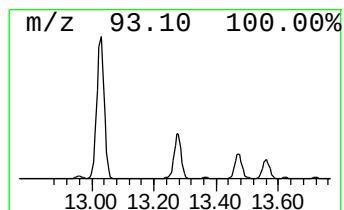
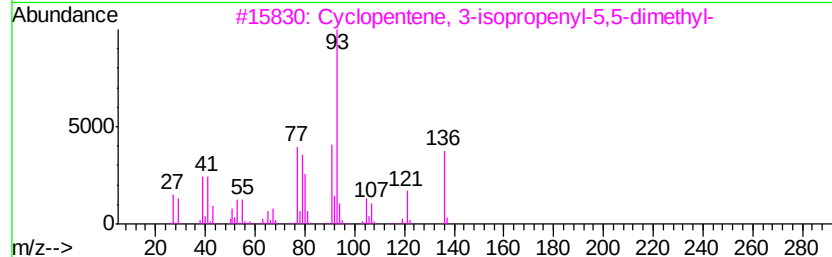
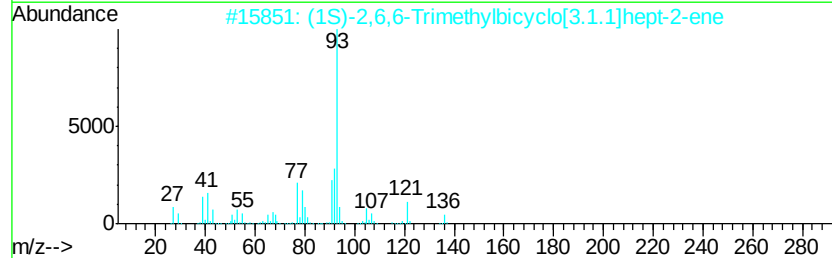
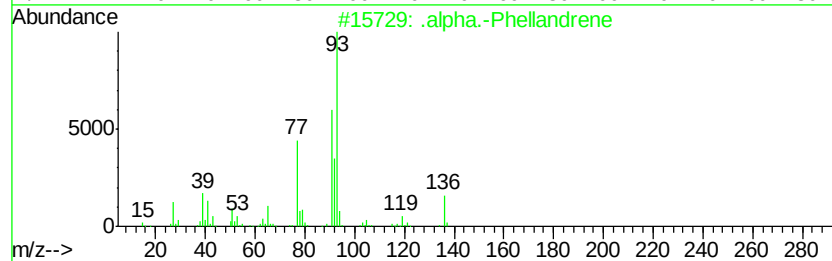
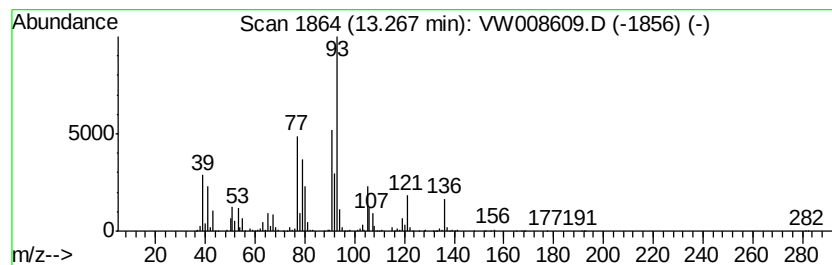
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 2 .alpha.-Phellandrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	12.93 ug/l	532482	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Phellandrene	136	C10H16	000099-83-2	92
2		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
3		Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	90
4		.gamma.-Terpinene	136	C10H16	000099-85-4	87
5		3-Carene	136	C10H16	013466-78-9	87



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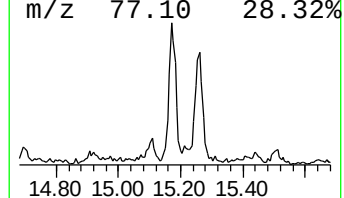
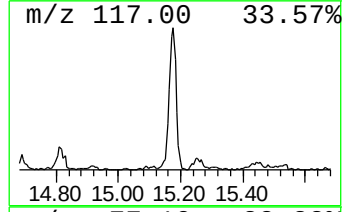
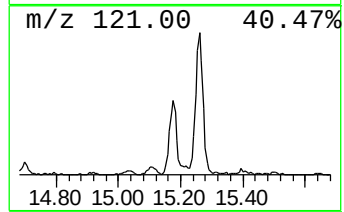
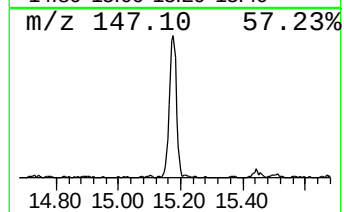
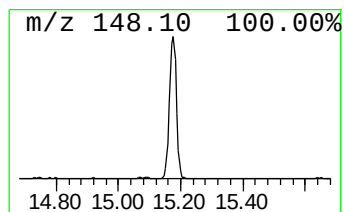
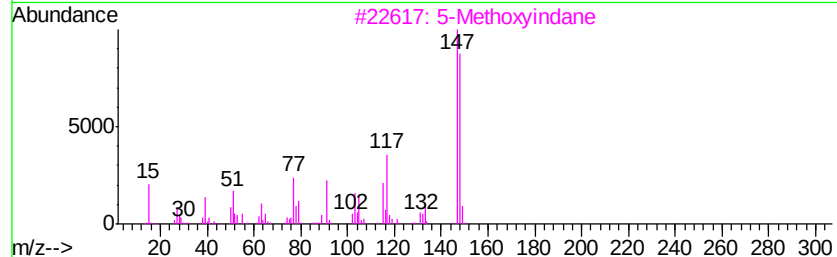
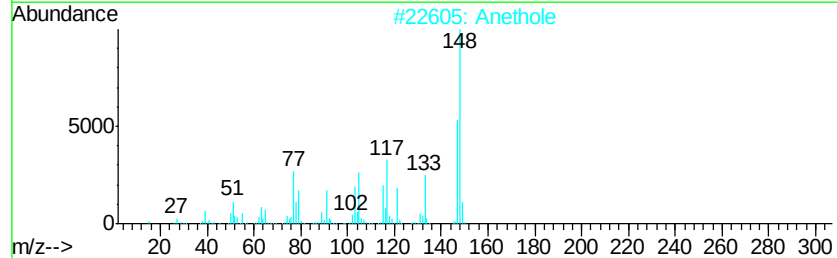
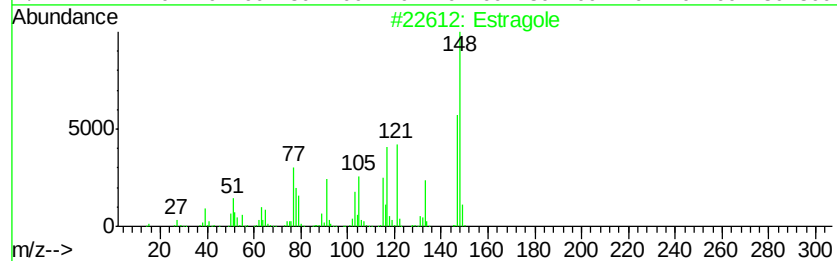
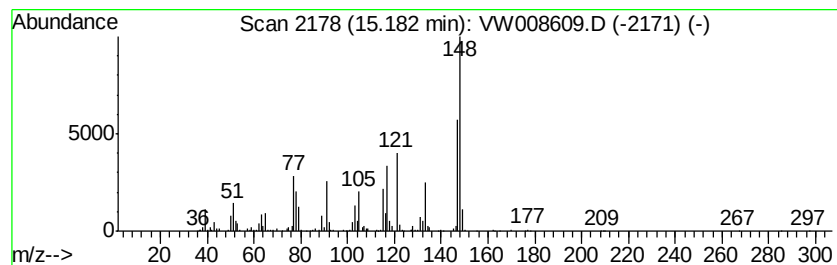
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

Peak Number 3 Estragole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	9.91 ug/l	408325	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Estragole	148	C10H12O	000140-67-0	98
2		Anethole	148	C10H12O	000104-46-1	97
3		5-Methoxvindane	148	C10H12O	1000342-73-8	86
4		3H-Indazol-3-one, 1,2-dihydro-1-...	148	C8H8N2O	001006-19-5	53
5		Benzene, (1-propynylthio)-	148	C9H8S	006212-77-7	50



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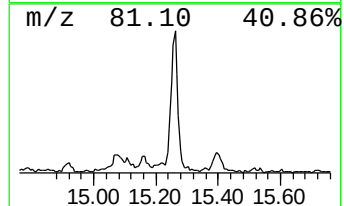
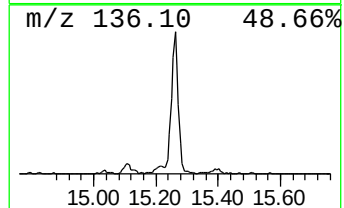
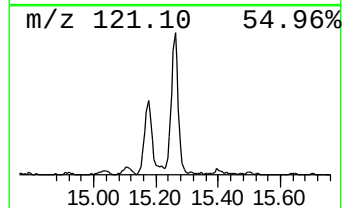
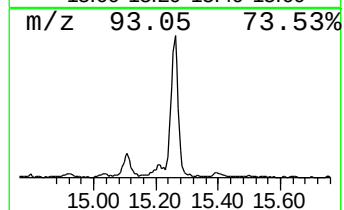
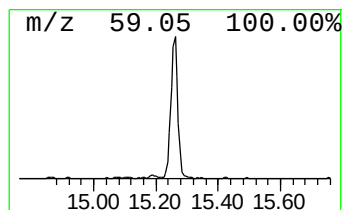
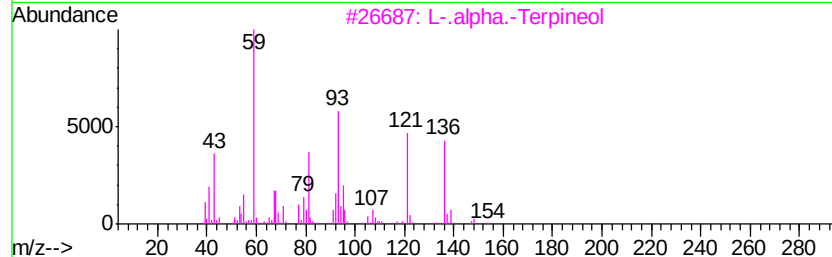
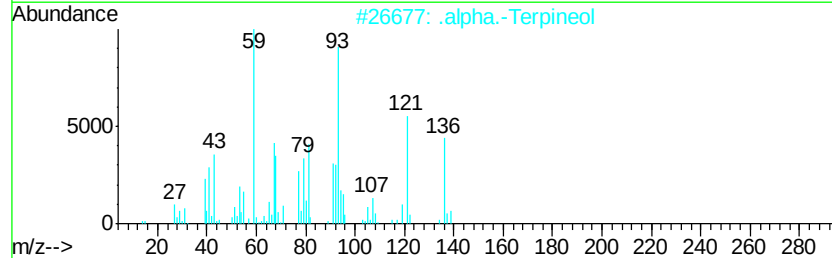
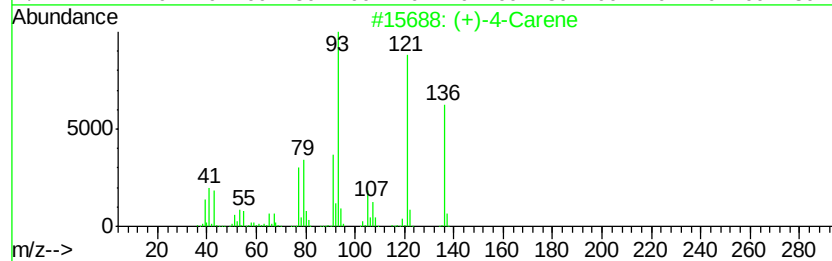
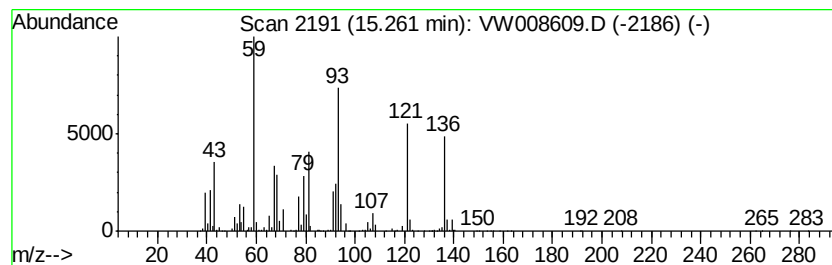
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (+)-4-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	16.60 ug/l	683528	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-4-Carene	136	C10H16	029050-33-7	64
2		.alpha.-Terpineol	154	C10H18O	000098-55-5	64
3		L-.alpha.-Terpineol	154	C10H18O	010482-56-1	59
4		1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	49
5		Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	45



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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
Bicyclo[3.1.1]hept-2-ene	13.03	29.0	ug/l	1194470	4	13.56	2059170	50.0
.alpha.-Phellandrene	13.27	12.9	ug/l	532482	4	13.56	2059170	50.0
Estragole	15.18	9.9	ug/l	408325	4	13.56	2059170	50.0
(+)-4-Carene	15.26	16.6	ug/l	683528	4	13.56	2059170	50.0