

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009612.D
 Acq On : 31 Mar 2019 15:54
 Operator : SY/VA
 Sample : K2131-02
 Misc : 6.93G/5.0ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-035-A

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\82W032919S.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	1.959	5	9	17	rVB6	5529	13863	1.05%	0.114%
2	4.123	354	364	375	rBV	16696	50546	3.83%	0.417%
3	4.922	480	495	505	rBV6	13446	62333	4.72%	0.514%
4	5.928	649	660	669	rVB4	13109	37776	2.86%	0.311%
5	7.147	847	860	873	rBV	146495	410677	31.13%	3.385%
6	7.878	969	980	985	rBV	164351	394928	29.93%	3.255%
7	7.946	985	991	1001	rVB	375919	818966	62.07%	6.751%
8	8.250	1033	1041	1042	rBV	14434	23665	1.79%	0.195%
9	8.305	1042	1050	1061	rVB	178777	404574	30.66%	3.335%
10	8.842	1128	1138	1157	rBV	544023	1093170	82.85%	9.011%
11	9.329	1209	1218	1224	rBV7	10485	27750	2.10%	0.229%
12	9.957	1316	1321	1332	rVB10	6164	18050	1.37%	0.149%
13	10.323	1373	1381	1389	rBV	643521	1118864	84.80%	9.223%
14	10.384	1389	1391	1398	rVB	11621	16913	1.28%	0.139%
15	10.506	1404	1411	1418	rVB7	8754	21318	1.62%	0.176%
16	10.665	1431	1437	1441	rBV4	11301	22391	1.70%	0.185%
17	10.762	1447	1453	1459	rBV5	11075	23005	1.74%	0.190%
18	11.036	1492	1498	1502	rBV9	7183	16054	1.22%	0.132%
19	11.110	1505	1510	1513	rVV7	7199	14663	1.11%	0.121%
20	11.177	1517	1521	1526	rVV2	21427	38925	2.95%	0.321%
21	11.231	1526	1530	1535	rVB3	19381	32743	2.48%	0.270%
22	11.335	1542	1547	1552	rBV4	10465	17961	1.36%	0.148%
23	11.408	1552	1559	1560	rVV4	11657	22829	1.73%	0.188%
24	11.433	1560	1563	1571	rVB5	21200	42497	3.22%	0.350%
25	11.512	1571	1576	1583	rBV4	11688	21897	1.66%	0.181%
26	11.634	1588	1596	1607	rBV	759893	1319432	100.00%	10.876%
27	11.811	1621	1625	1628	rVV6	10569	21601	1.64%	0.178%
28	11.872	1631	1635	1639	rVV3	34171	61966	4.70%	0.511%
29	11.914	1639	1642	1648	rVB4	19126	33558	2.54%	0.277%
30	12.061	1658	1666	1671	rVB6	10236	23869	1.81%	0.197%
31	12.134	1671	1678	1686	rBV5	46572	123804	9.38%	1.021%
32	12.256	1691	1698	1702	rVB2	35388	64206	4.87%	0.529%
33	12.347	1702	1713	1714	rBV4	48655	118507	8.98%	0.977%
34	12.475	1728	1734	1736	rBV4	36622	62509	4.74%	0.515%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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35	12.621	1751	1758	1764	rBV	459368	767157	58.14%	6.324%
36	12.701	1764	1771	1777	rBV8	24465	67111	5.09%	0.553%
37	12.786	1780	1785	1790	rVB2	62065	117146	8.88%	0.966%
38	12.865	1790	1798	1801	rBV5	37049	86649	6.57%	0.714%
39	12.945	1801	1811	1816	rVV4	101857	239531	18.15%	1.974%
40	12.993	1816	1819	1823	rVB4	19154	26734	2.03%	0.220%
41	13.085	1830	1834	1835	rBV4	22510	29542	2.24%	0.244%
42	13.170	1844	1848	1857	rVB6	50661	93900	7.12%	0.774%
43	13.262	1860	1863	1865	rBV4	13483	16878	1.28%	0.139%
44	13.445	1887	1893	1899	rBV7	71249	172212	13.05%	1.420%
45	13.560	1906	1912	1922	rVB	726154	1226614	92.97%	10.111%
46	13.749	1940	1943	1946	rVV2	21636	25755	1.95%	0.212%
47	13.792	1946	1950	1959	rVB2	62246	115217	8.73%	0.950%
48	13.883	1959	1965	1969	rBV3	99475	176813	13.40%	1.457%
49	13.951	1974	1976	1979	rBV	13375	13589	1.03%	0.112%
50	14.048	1989	1992	1994	rBV	14836	22013	1.67%	0.181%
51	14.097	1997	2000	2006	rVB	68179	111412	8.44%	0.918%
52	14.207	2013	2018	2023	rVB3	69596	120430	9.13%	0.993%
53	14.261	2023	2027	2035	rBV9	20124	53469	4.05%	0.441%
54	14.341	2035	2040	2044	rVV4	27335	55603	4.21%	0.458%
55	14.389	2044	2048	2051	rVV3	49249	81990	6.21%	0.676%
56	14.426	2051	2054	2057	rVV	42956	66721	5.06%	0.550%
57	14.463	2057	2060	2063	rVV	46370	60203	4.56%	0.496%
58	14.505	2063	2067	2070	rVV3	36175	51489	3.90%	0.424%
59	14.548	2070	2074	2081	rVV5	44462	84293	6.39%	0.695%
60	14.609	2081	2084	2085	rVV3	12499	14718	1.12%	0.121%
61	14.646	2087	2090	2094	rVB3	26209	36871	2.79%	0.304%
62	14.694	2094	2098	2101	rBV4	24019	43389	3.29%	0.358%
63	14.737	2101	2105	2109	rVB2	32711	54072	4.10%	0.446%
64	14.810	2109	2117	2122	rBV4	102726	257449	19.51%	2.122%
65	14.859	2122	2125	2131	rVB3	29041	46631	3.53%	0.384%
66	14.963	2138	2142	2148	rVB	46083	77618	5.88%	0.640%
67	15.072	2155	2160	2163	rBV4	38662	65771	4.98%	0.542%
68	15.188	2172	2179	2184	rVB4	52714	119718	9.07%	0.987%
69	15.341	2198	2204	2206	rBV7	11184	22845	1.73%	0.188%
70	15.426	2213	2218	2223	rBV3	40306	75160	5.70%	0.620%
71	15.481	2223	2227	2228	rVV3	27316	43169	3.27%	0.356%

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Integration Parameters: RTEINT.P

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72	15.505	2229	2231	2239	rVV5	38288	80600	6.11%	0.664%
73	15.560	2239	2240	2249	rVB8	21904	31935	2.42%	0.263%
74	15.658	2249	2256	2263	rBV4	30091	73670	5.58%	0.607%
75	15.743	2266	2270	2275	rVB7	9568	15202	1.15%	0.125%
76	15.828	2277	2284	2286	rBV8	19044	42072	3.19%	0.347%
77	15.871	2286	2291	2299	rVB3	67084	129930	9.85%	1.071%
78	15.956	2302	2305	2311	rVB7	10240	16561	1.26%	0.137%
79	16.035	2314	2318	2323	rVB3	14930	29313	2.22%	0.242%
80	16.188	2334	2343	2351	rBV2	47634	114588	8.68%	0.945%
81	16.383	2365	2375	2381	rBV3	55569	142237	10.78%	1.172%
82	16.450	2381	2386	2391	rVV2	19243	37647	2.85%	0.310%
83	16.651	2412	2419	2425	rBV6	31895	81854	6.20%	0.675%

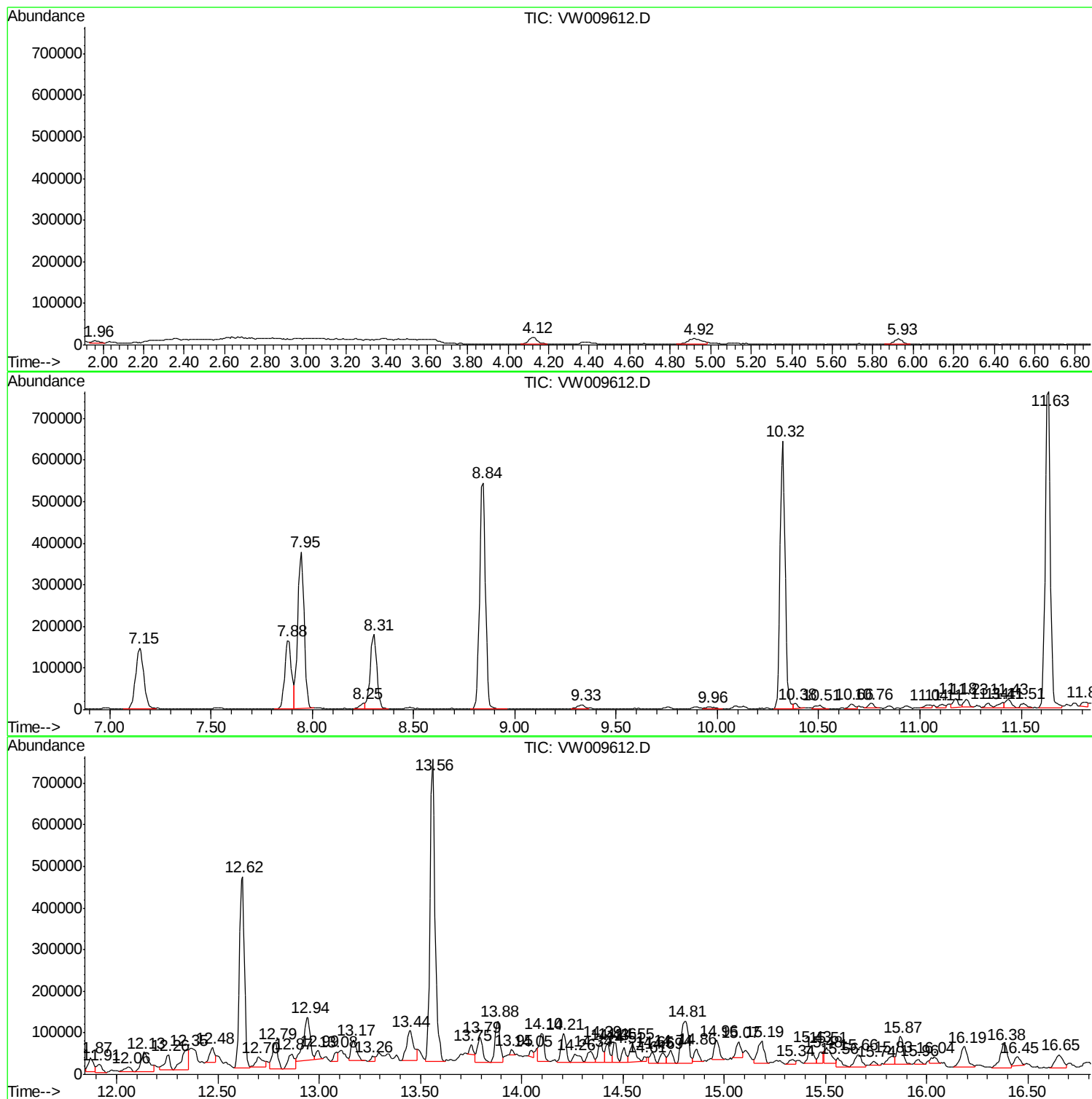
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Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-035-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260

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



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Sample : K2131-02
Misc : 6.93G/5.0ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
FK-GF-02-035-A

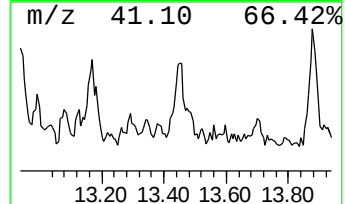
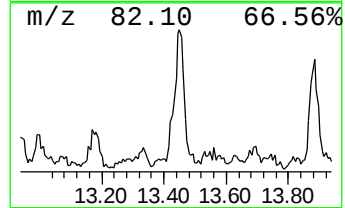
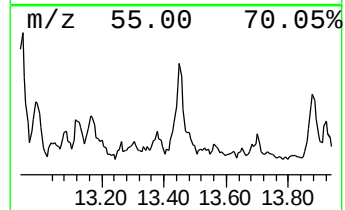
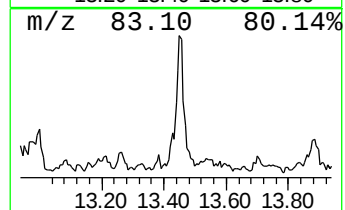
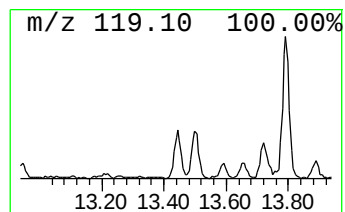
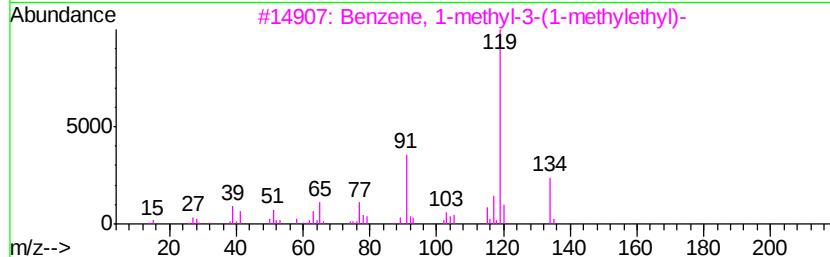
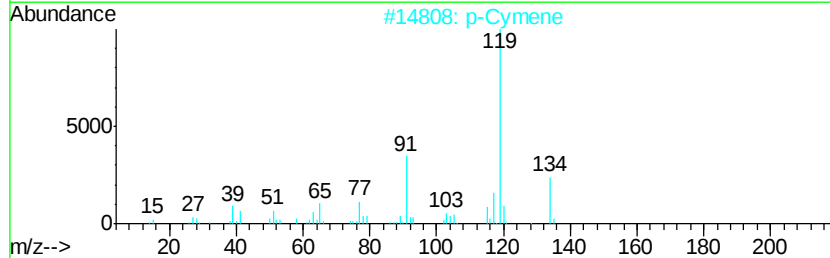
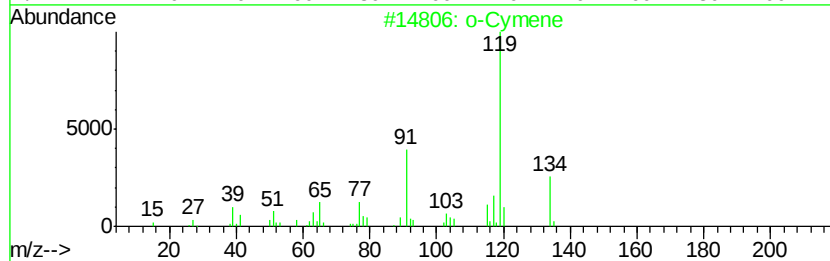
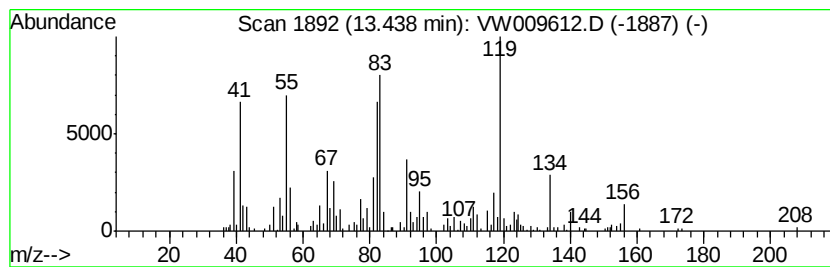
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	7.02 ug/l	172212	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	92
2		p-Cymene	134	C10H14	000099-87-6	78
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	78
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	45
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38



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ALS Vial : 9 Sample Multiplier: 1

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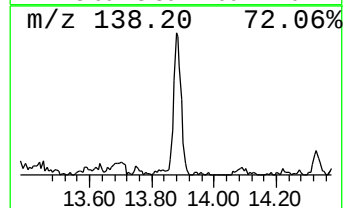
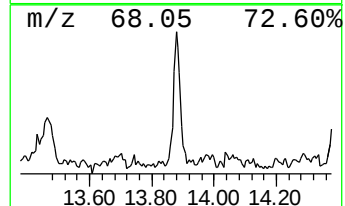
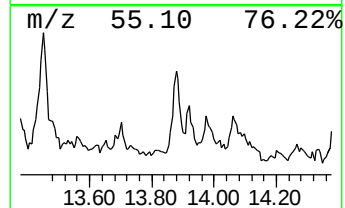
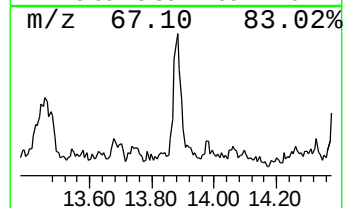
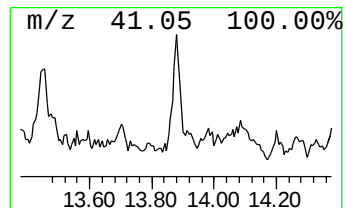
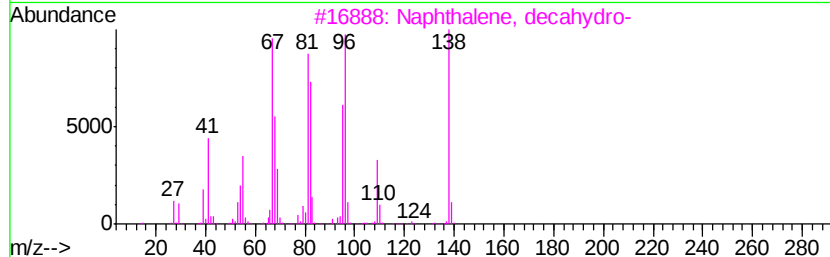
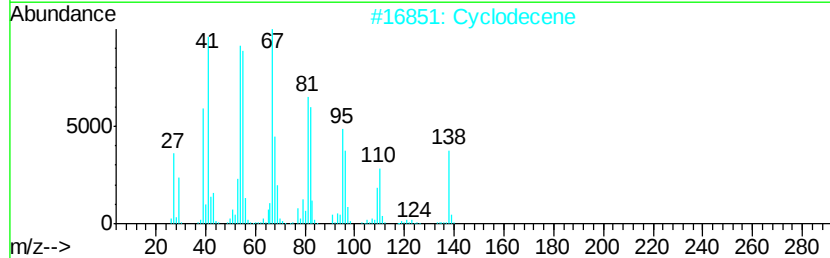
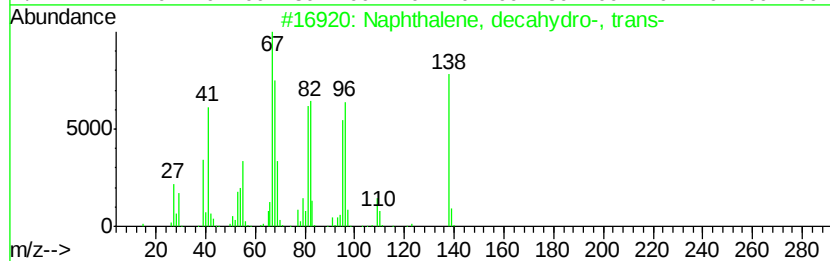
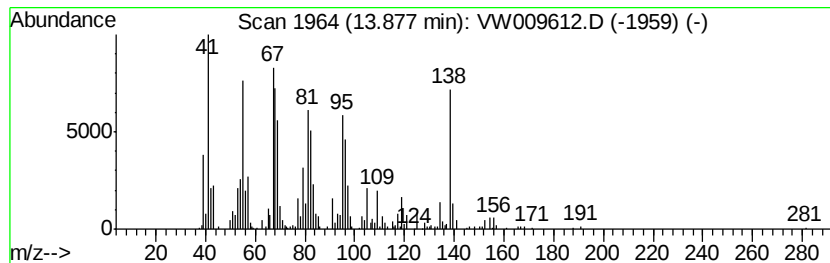
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.21 ug/l	176813	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	89
2		Cyclodecene	138	C10H18	003618-12-0	62
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	62
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58
5		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	58



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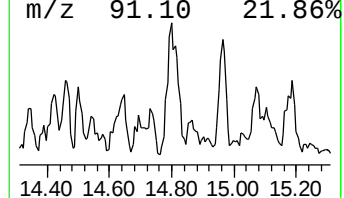
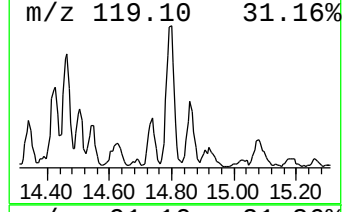
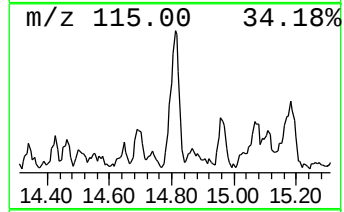
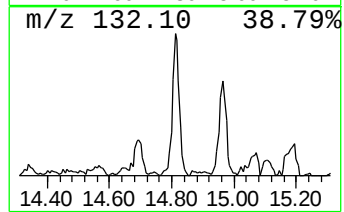
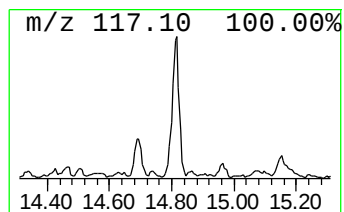
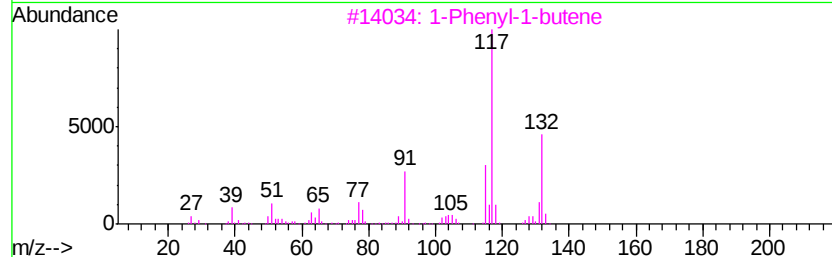
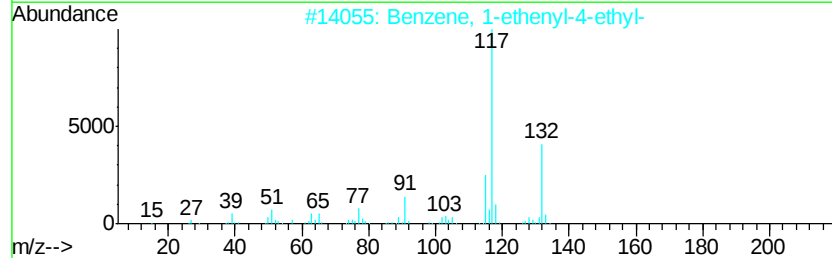
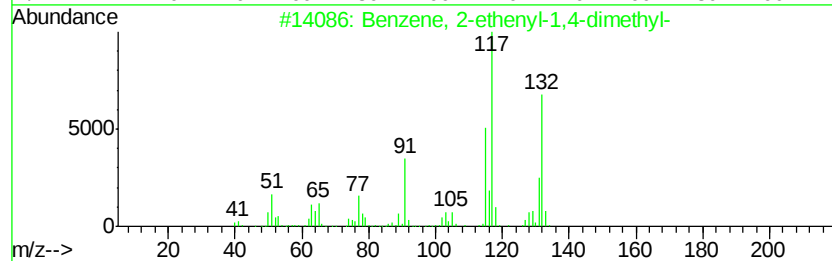
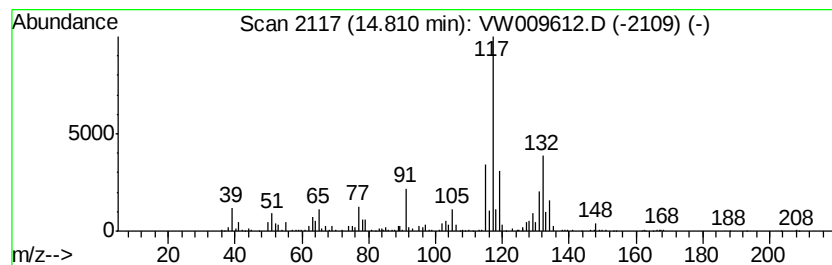
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	10.49 ug/l	257449	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	76



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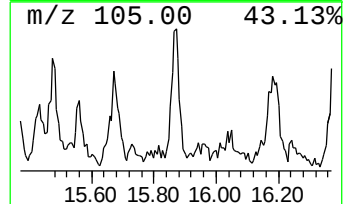
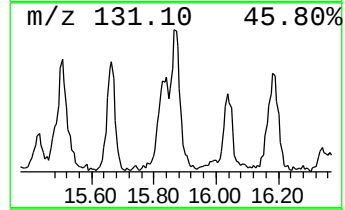
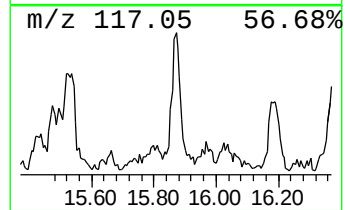
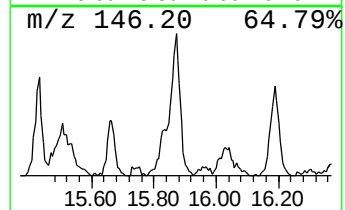
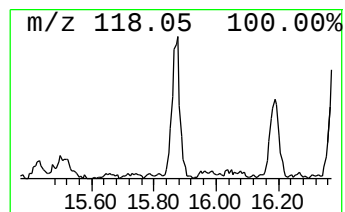
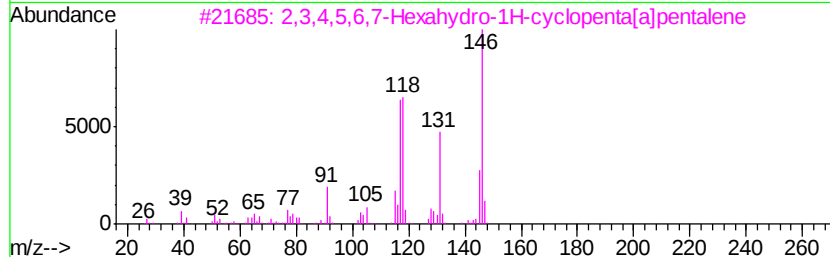
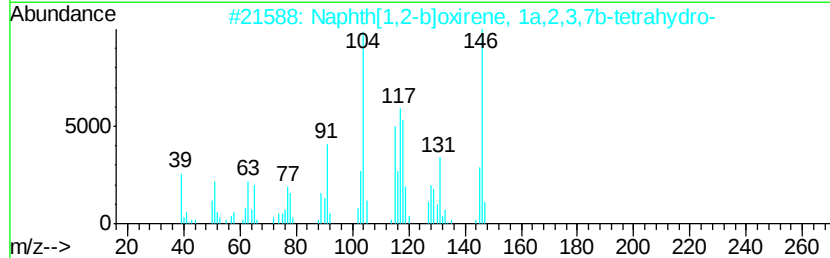
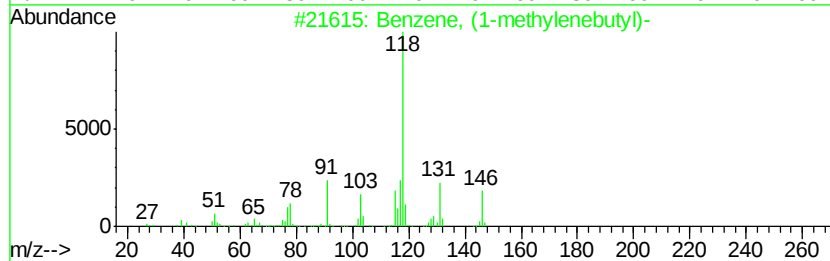
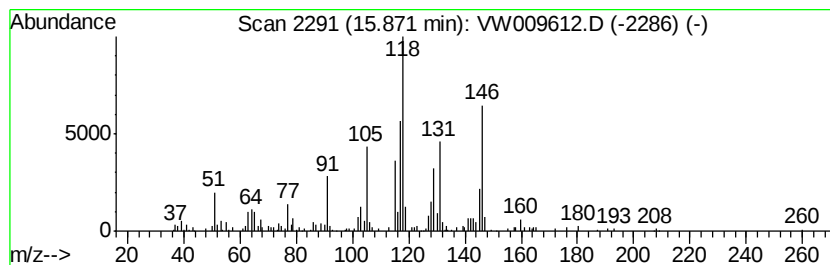
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methylenebutyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	5.30 ug/l	129930	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	68
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	52
4		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	52
5		2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW033119\
Data File : VW009612.D
Acq On : 31 Mar 2019 15:54
Operator : SY/VA
Sample : K2131-02
Misc : 6.93G/5.0ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

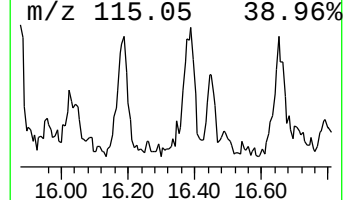
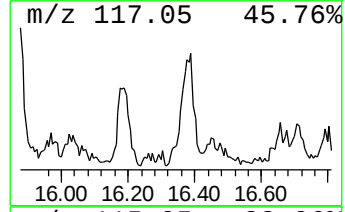
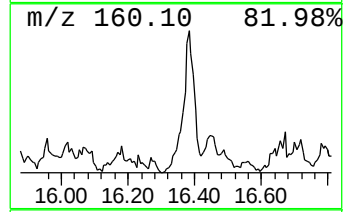
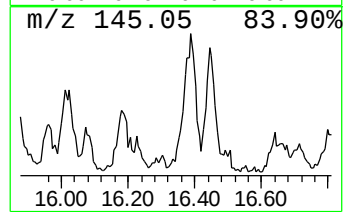
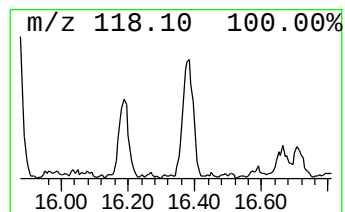
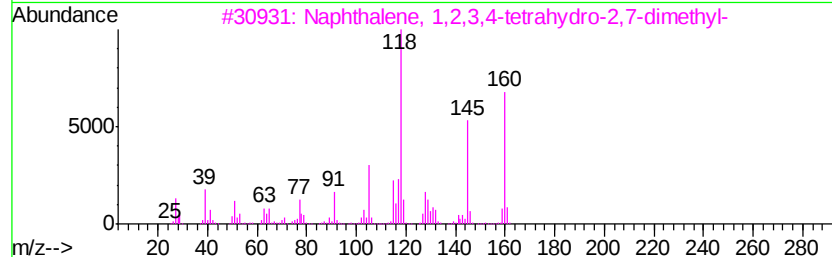
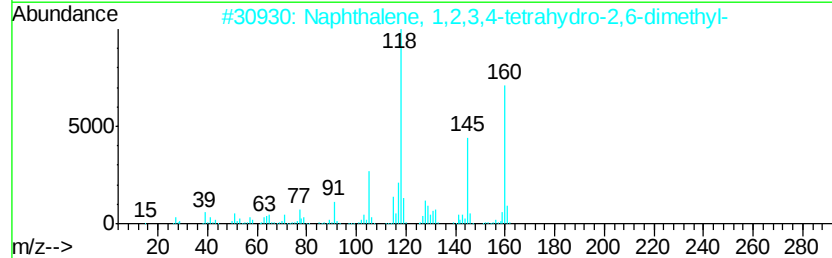
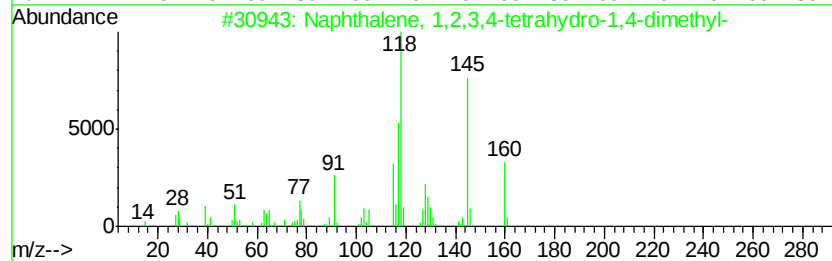
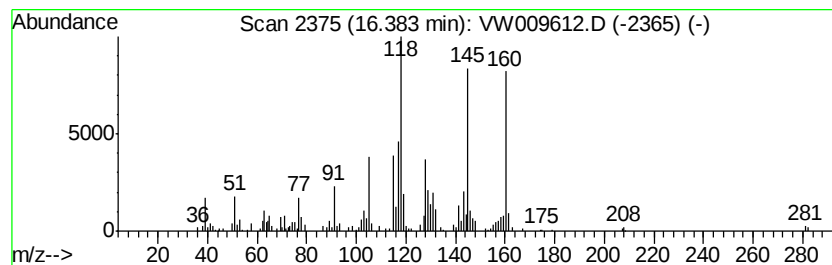
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-035-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	5.80 ug/l	142237	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	007524-63-2 70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	013065-07-1 52
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 50
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	001076-61-5 45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW033119\
Data File : VW009612.D
Acq On : 31 Mar 2019 15:54
Operator : SY/VA
Sample : K2131-02
Misc : 6.93G/5.0ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-035-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.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
o-Cymene	13.44	7.0	ug/l	172212	4	13.56	1226610	50.0
Naphthalene, deca...	13.88	7.2	ug/l	176813	4	13.56	1226610	50.0
Benzene, 2-etheny...	14.81	10.5	ug/l	257449	4	13.56	1226610	50.0
Benzene, (1-methy...	15.87	5.3	ug/l	129930	4	13.56	1226610	50.0
Naphthalene, 1,2,...	16.38	5.8	ug/l	142237	4	13.56	1226610	50.0