

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008068.D
 Acq On : 07 Jan 2019 14:35
 Operator : SY/AP
 Sample : K1012-03
 Misc : 7.02G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-B

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\82W010219S.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	1.964	6	10	25	rVB3	7854	20923	6.77%	0.546%
2	2.178	38	45	54	rBV3	4593	10385	3.36%	0.271%
3	2.361	68	75	86	rVB2	8281	16992	5.50%	0.443%
4	3.037	178	186	194	rBV4	5103	12687	4.10%	0.331%
5	3.391	237	244	251	rBV2	4136	8885	2.87%	0.232%
6	4.129	355	365	377	rBB2	4295	12479	4.04%	0.326%
7	4.921	481	495	499	rBV4	6993	24095	7.79%	0.629%
8	5.439	570	580	589	rBB3	2626	8012	2.59%	0.209%
9	5.945	653	663	671	rBB4	5021	14150	4.58%	0.369%
10	6.982	825	833	841	rBB4	2827	7396	2.39%	0.193%
11	7.884	970	981	986	rBV	40016	98761	31.95%	2.576%
12	7.951	986	992	1000	rVV	90206	204122	66.03%	5.325%
13	8.030	1000	1005	1011	rVB3	1503	3665	1.19%	0.096%
14	8.159	1019	1026	1033	rBV2	5376	12140	3.93%	0.317%
15	8.311	1042	1051	1062	rBB2	43829	105273	34.05%	2.746%
16	8.433	1063	1071	1077	rBB4	1671	3478	1.12%	0.091%
17	8.573	1089	1094	1101	rBV3	2046	4106	1.33%	0.107%
18	8.695	1106	1114	1122	rBB2	9035	16900	5.47%	0.441%
19	8.841	1130	1138	1148	rBB	113024	221336	71.59%	5.774%
20	9.335	1208	1219	1227	rBV2	26909	57656	18.65%	1.504%
21	9.957	1316	1321	1325	rBV2	5963	10932	3.54%	0.285%
22	10.097	1336	1344	1354	rBB2	6169	14008	4.53%	0.365%
23	10.323	1374	1381	1387	rBV	173214	309156	100.00%	8.064%
24	10.390	1387	1392	1398	rVB	53362	93737	30.32%	2.445%
25	10.506	1404	1411	1418	rVB3	14297	26350	8.52%	0.687%
26	10.664	1432	1437	1442	rBV2	4789	8165	2.64%	0.213%
27	10.762	1446	1453	1459	rVV6	3582	8231	2.66%	0.215%
28	10.932	1476	1481	1488	rBB2	2584	4618	1.49%	0.120%
29	11.042	1489	1499	1505	rBV4	2055	6411	2.07%	0.167%
30	11.109	1505	1510	1513	rBV3	1867	3148	1.02%	0.082%
31	11.182	1517	1522	1526	rVV2	6631	11466	3.71%	0.299%
32	11.231	1526	1530	1535	rVB2	5833	9433	3.05%	0.246%
33	11.341	1543	1548	1552	rBV2	2861	4747	1.54%	0.124%
34	11.420	1552	1561	1572	rVB5	6351	17487	5.66%	0.456%

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35	11.518	1572	1577	1581	rBV2	5461	9404	3.04%	0.245%
36	11.633	1588	1596	1604	rBV	140286	227639	73.63%	5.938%
37	11.731	1607	1612	1621	rVV	22947	43219	13.98%	1.127%
38	11.841	1621	1630	1640	rVV	88477	172069	55.66%	4.488%
39	11.914	1640	1642	1647	rVB5	3457	5142	1.66%	0.134%
40	12.170	1673	1684	1692	rBV	46329	88771	28.71%	2.316%
41	12.255	1693	1698	1702	rVB4	3995	6624	2.14%	0.173%
42	12.341	1707	1712	1716	rVV7	3864	8485	2.74%	0.221%
43	12.383	1716	1719	1724	rVB6	3465	6158	1.99%	0.161%
44	12.469	1729	1733	1738	rVV3	2795	4803	1.55%	0.125%
45	12.566	1747	1749	1752	rVB4	2724	3174	1.03%	0.083%
46	12.621	1752	1758	1768	rVB	99286	169894	54.95%	4.432%
47	12.804	1780	1788	1793	rVB3	5650	12730	4.12%	0.332%
48	12.871	1793	1799	1802	rBV2	25266	43402	14.04%	1.132%
49	12.908	1802	1805	1807	rVV2	15419	23771	7.69%	0.620%
50	12.944	1807	1811	1818	rVB2	42954	74342	24.05%	1.939%
51	13.109	1829	1838	1844	rBV	21903	46757	15.12%	1.220%
52	13.170	1844	1848	1856	rVV7	6590	13804	4.47%	0.360%
53	13.255	1856	1862	1867	rVV	55453	86479	27.97%	2.256%
54	13.304	1867	1870	1874	rVB4	5039	6881	2.23%	0.179%
55	13.359	1874	1879	1881	rBV5	2946	5304	1.72%	0.138%
56	13.450	1888	1894	1898	rBV3	9067	16096	5.21%	0.420%
57	13.493	1898	1901	1906	rVV2	5232	9673	3.13%	0.252%
58	13.566	1906	1913	1922	rVB2	104764	221402	71.61%	5.775%
59	13.725	1932	1939	1940	rBV6	6786	9492	3.07%	0.248%
60	13.761	1940	1945	1948	rVV2	30036	52825	17.09%	1.378%
61	13.798	1948	1951	1959	rVB2	16458	29558	9.56%	0.771%
62	13.883	1959	1965	1969	rBV3	21372	34309	11.10%	0.895%
63	13.944	1969	1975	1981	rVV2	16323	30956	10.01%	0.807%
64	14.017	1983	1987	1989	rVV2	8427	13891	4.49%	0.362%
65	14.048	1989	1992	1996	rVV	10680	17172	5.55%	0.448%
66	14.103	1996	2001	2006	rVB	16963	26375	8.53%	0.688%
67	14.212	2013	2019	2024	rBV3	17129	33372	10.79%	0.871%
68	14.346	2035	2041	2045	rBV5	9281	18430	5.96%	0.481%
69	14.395	2046	2049	2051	rVV3	8092	11790	3.81%	0.308%
70	14.426	2051	2054	2057	rVV	13148	20361	6.59%	0.531%
71	14.462	2057	2060	2064	rVB	16465	21234	6.87%	0.554%

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72	14.505	2064	2067	2071	rBV2	8312	13771	4.45%	0.359%
73	14.694	2094	2098	2101	rBV3	9519	16011	5.18%	0.418%
74	14.730	2101	2104	2109	rVB3	25303	36762	11.89%	0.959%
75	14.804	2110	2116	2122	rBV3	29853	75118	24.30%	1.959%
76	14.962	2138	2142	2149	rVB4	17571	28349	9.17%	0.739%
77	15.072	2155	2160	2164	rBV6	11398	19742	6.39%	0.515%
78	15.182	2173	2178	2179	rBV5	9202	13801	4.46%	0.360%
79	15.261	2187	2191	2198	rVB9	6828	14664	4.74%	0.383%
80	15.371	2198	2209	2216	rBV	117745	236107	76.37%	6.159%
81	15.480	2220	2227	2231	rBV3	9173	17624	5.70%	0.460%
82	15.566	2237	2241	2250	rVB2	19729	34233	11.07%	0.893%
83	15.669	2251	2258	2263	rBV10	6956	18792	6.08%	0.490%
84	15.743	2263	2270	2275	rVB8	6827	14444	4.67%	0.377%
85	15.871	2288	2291	2301	rVB8	5997	14587	4.72%	0.381%
86	15.968	2303	2307	2310	rBV6	3986	6141	1.99%	0.160%
87	16.175	2334	2341	2346	rBV10	6621	18511	5.99%	0.483%
88	16.303	2357	2362	2367	rVB5	7697	14357	4.64%	0.375%
89	16.383	2371	2375	2380	rVV7	5372	11706	3.79%	0.305%
90	16.456	2380	2387	2392	rVV2	30327	65846	21.30%	1.718%
91	16.505	2393	2395	2401	rVB3	6961	10983	3.55%	0.286%
92	16.657	2411	2420	2431	rVB2	51095	127952	41.39%	3.338%
93	16.761	2432	2437	2440	rBV6	3811	7011	2.27%	0.183%

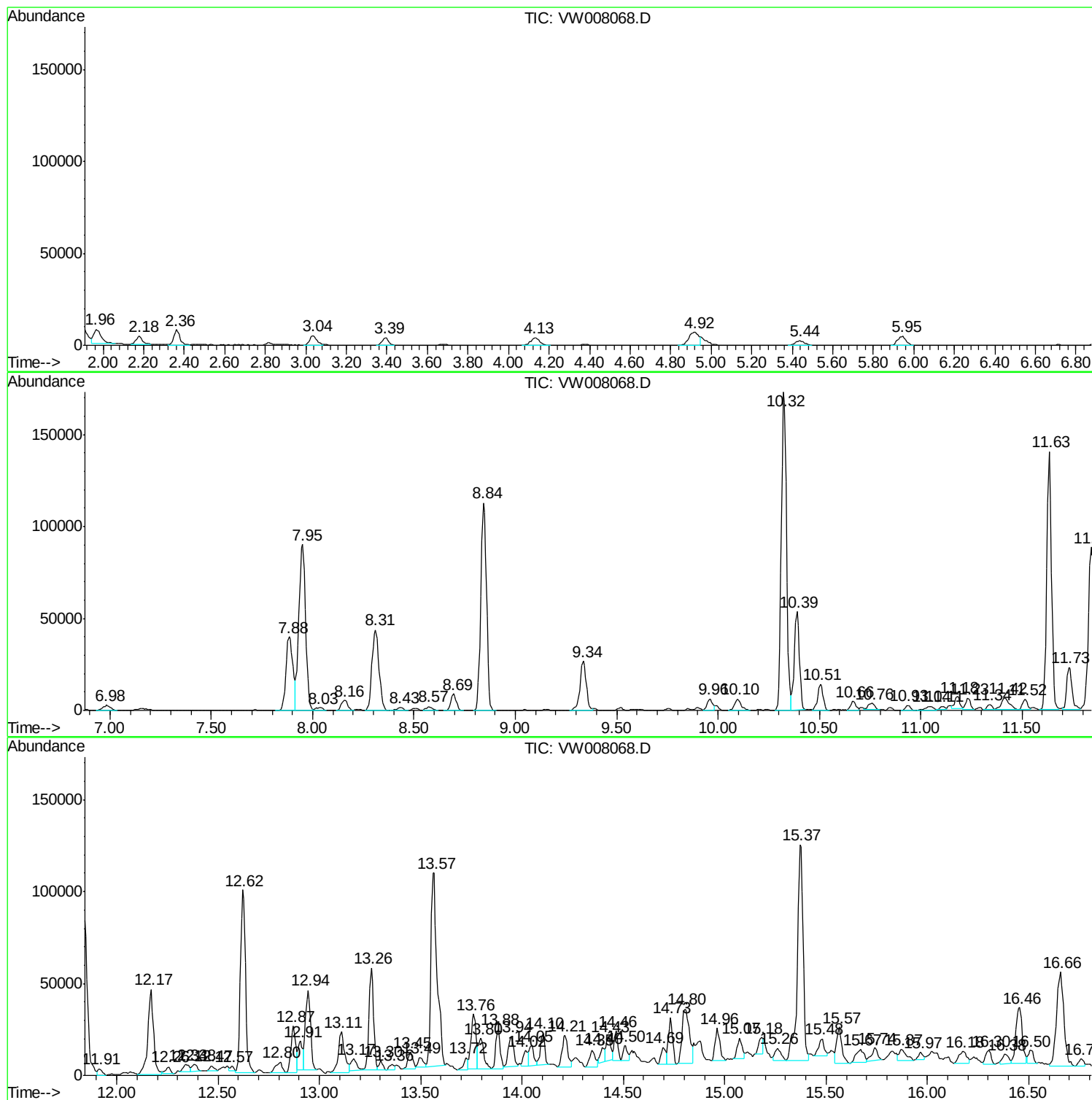
Sum of corrected areas: 3833630

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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



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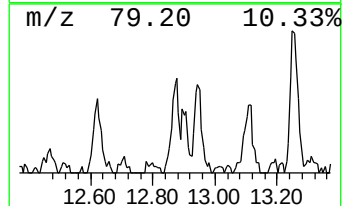
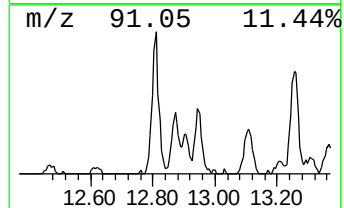
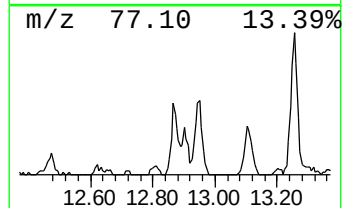
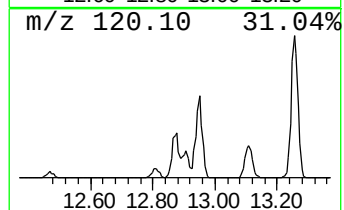
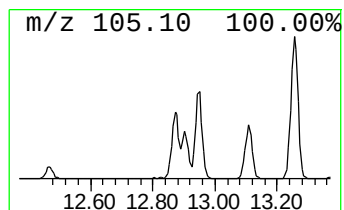
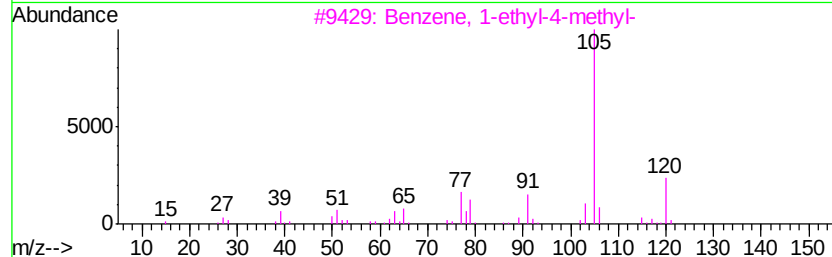
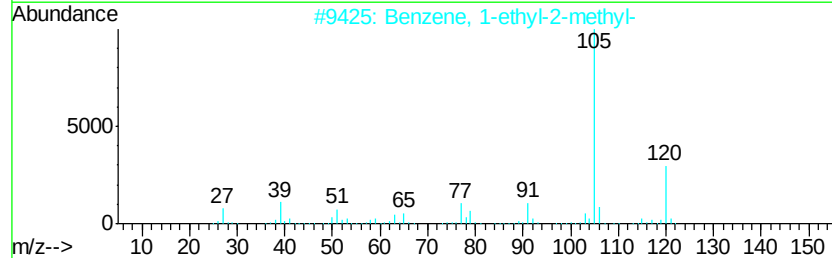
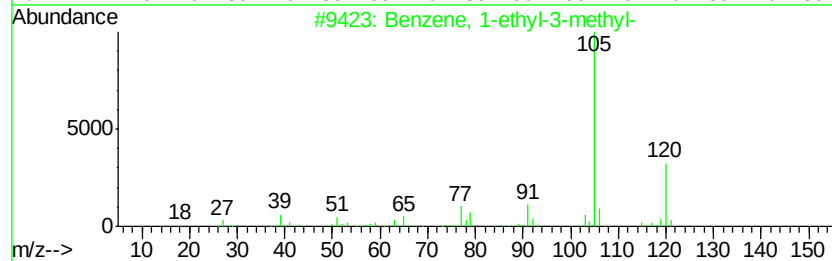
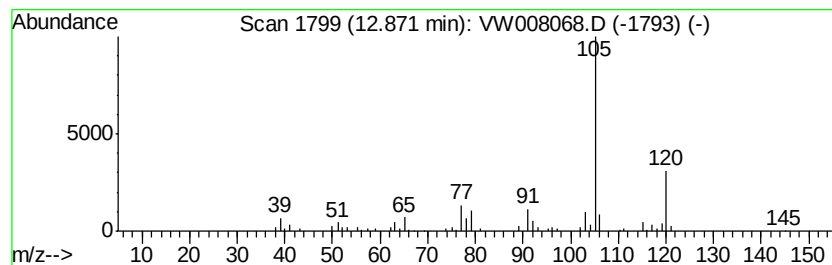
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	9.80 ug/l	43402	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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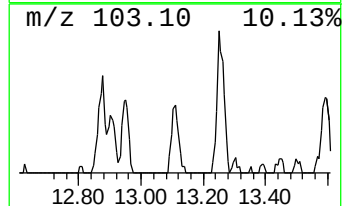
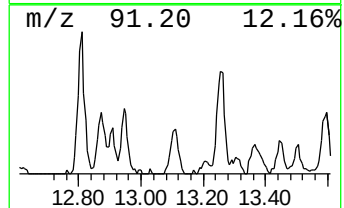
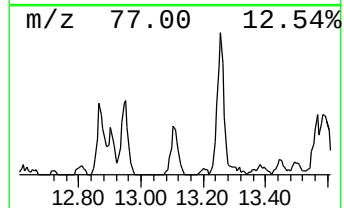
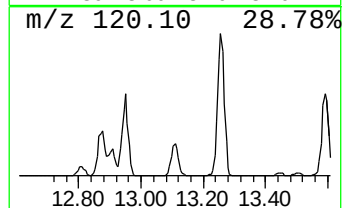
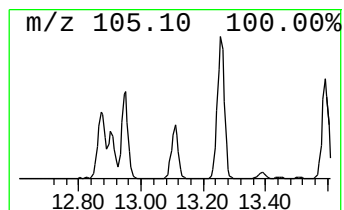
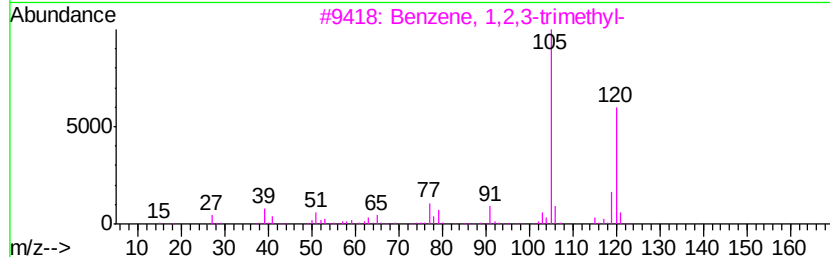
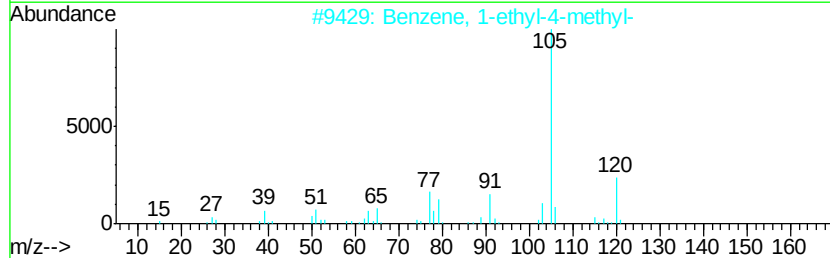
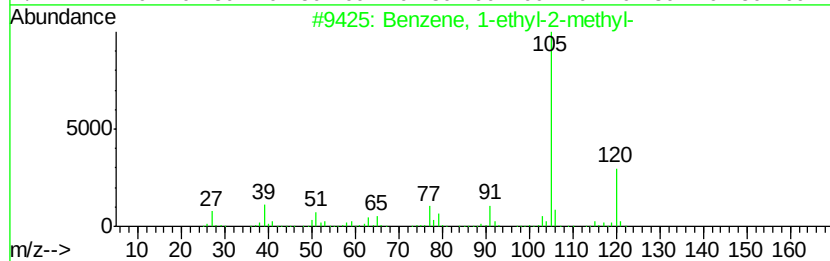
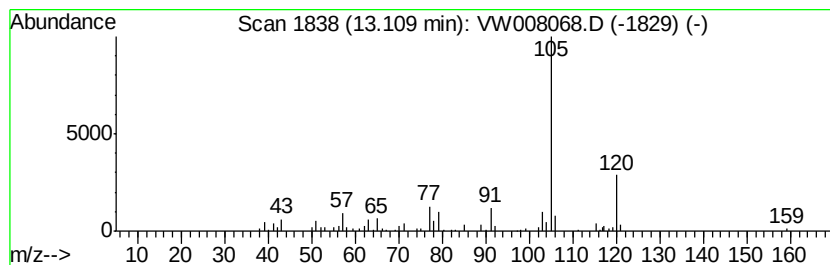
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	10.56 ug/l	46757	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4		Mesitylene	120	C9H12	000108-67-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



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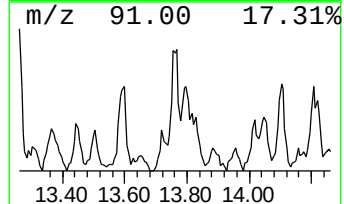
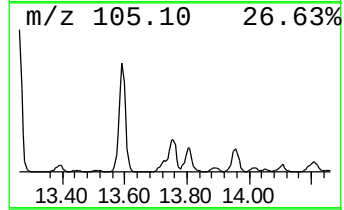
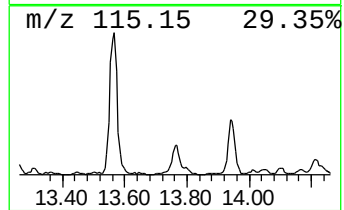
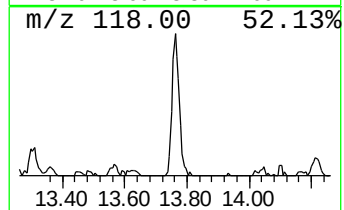
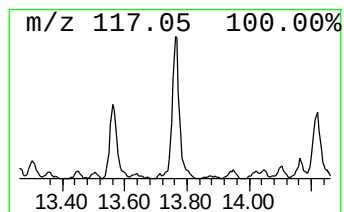
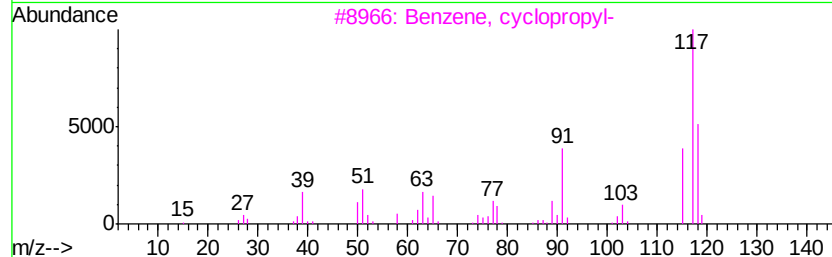
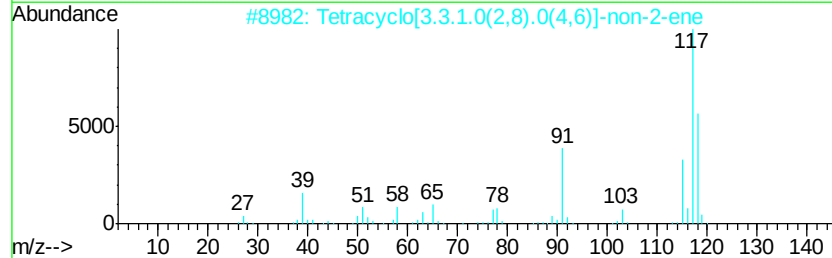
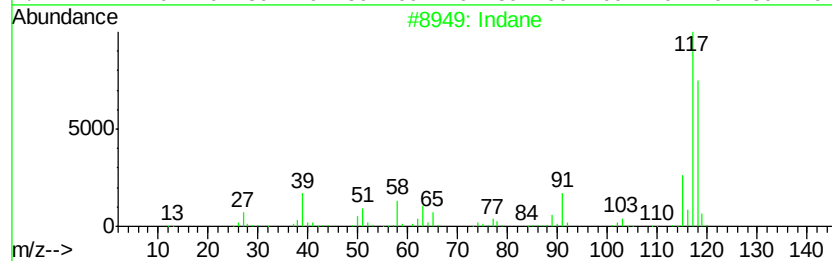
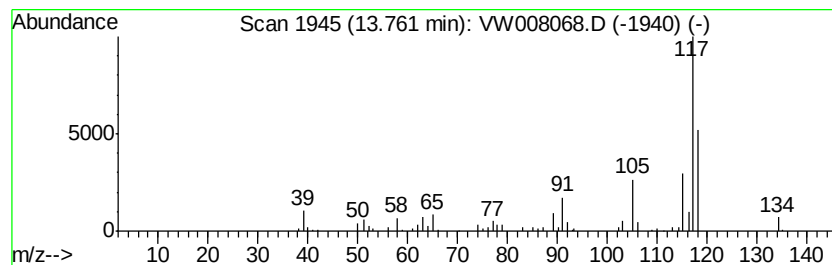
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	11.93 ug/l	52825	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	70
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	70
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	58
5	Benzene, 1-propenyl-		118	C9H10	000637-50-3	58



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ClientSampleId :
EO-02-010419-B

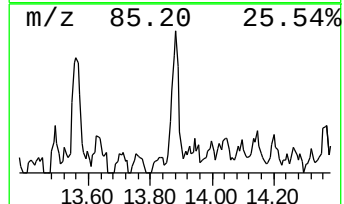
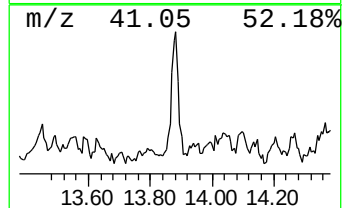
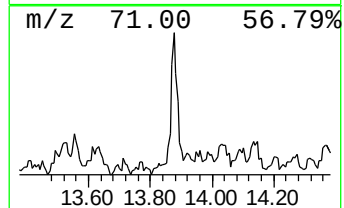
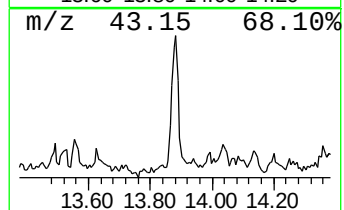
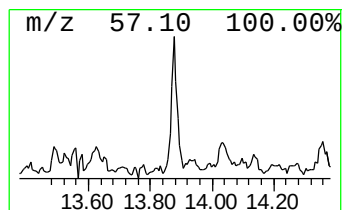
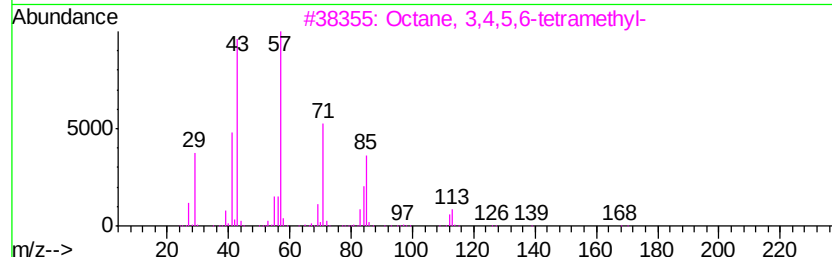
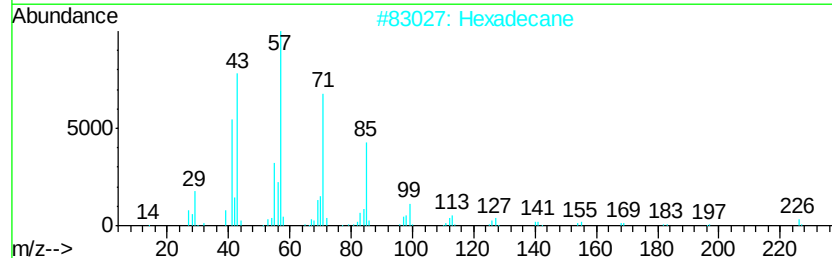
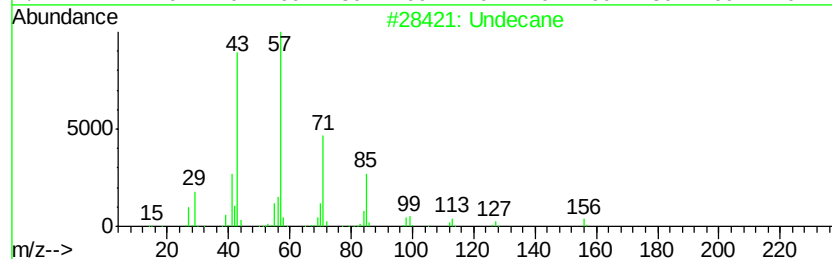
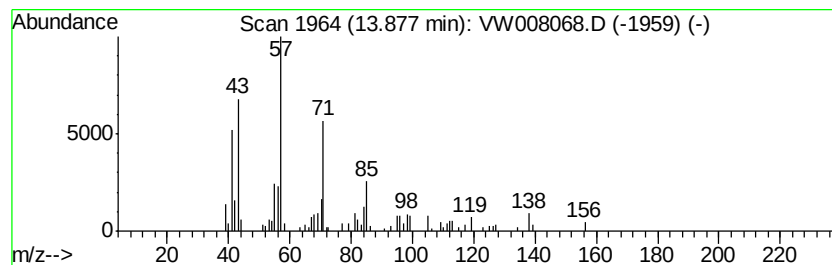
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Quant Title : SW846 8260

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

Peak Number 4 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.75 ug/l	34309	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	60
2		Hexadecane	226	C16H34	000544-76-3	38
3		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	38
5		Hexacosane	366	C26H54	000630-01-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008068.D
Acq On : 07 Jan 2019 14:35
Operator : SY/AP
Sample : K1012-03
Misc : 7.02G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

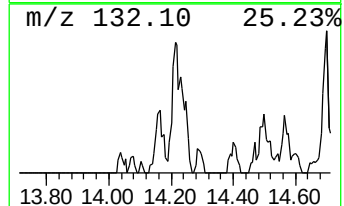
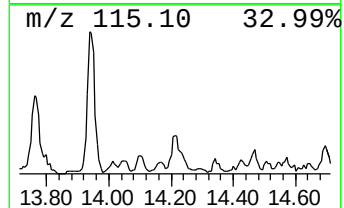
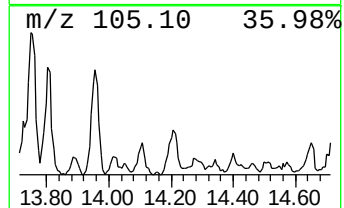
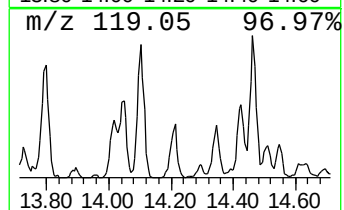
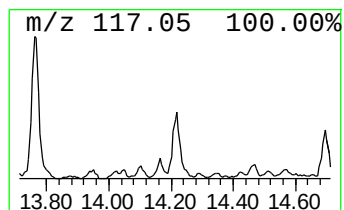
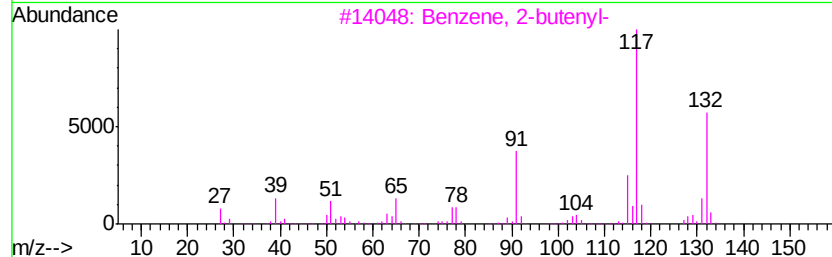
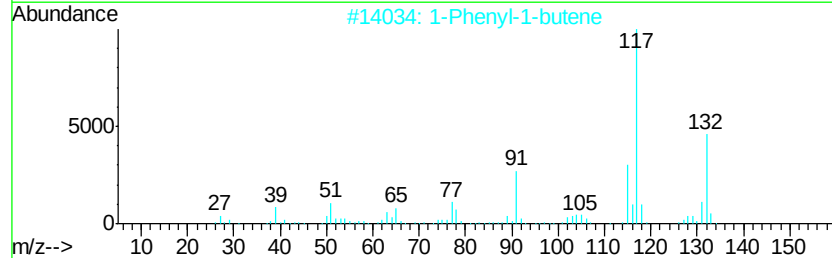
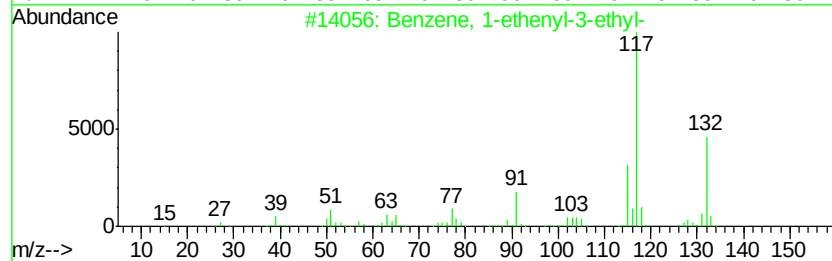
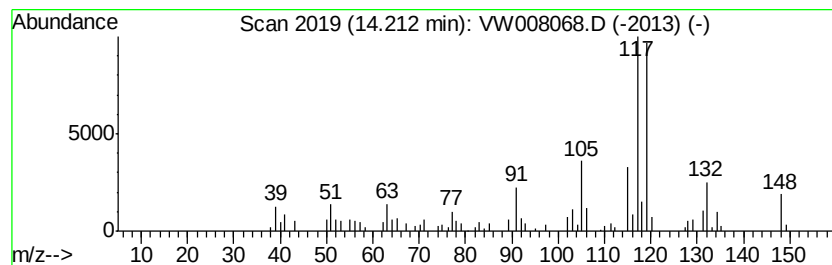
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.54 ug/l	33372	1,4-Dichlorobenzene-d4	13.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	43
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	43
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	43
5	Indan, 1-methyl-	132	C10H12	000767-58-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008068.D
Acq On : 07 Jan 2019 14:35
Operator : SY/AP
Sample : K1012-03
Misc : 7.02G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

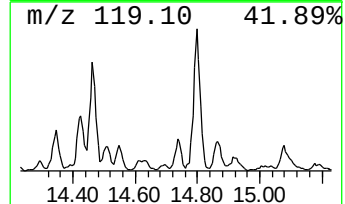
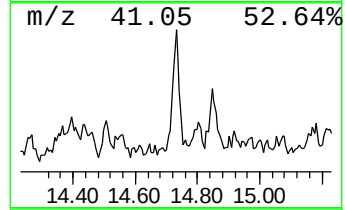
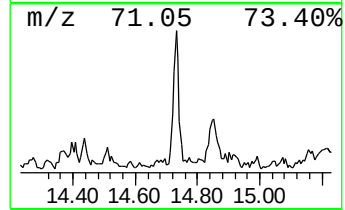
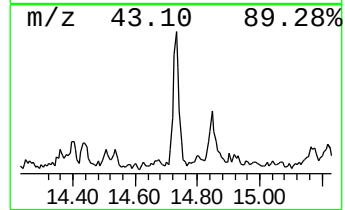
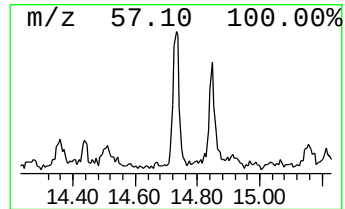
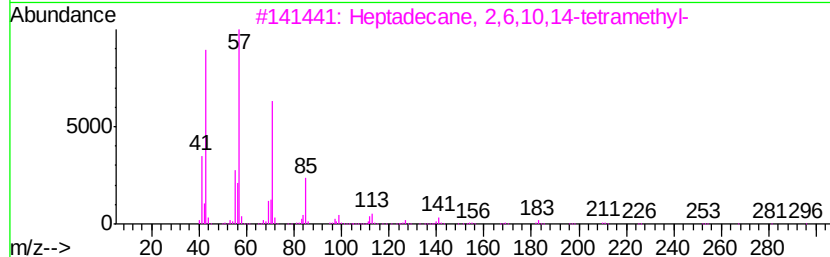
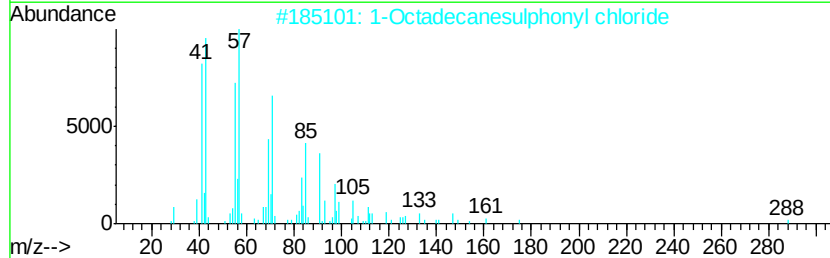
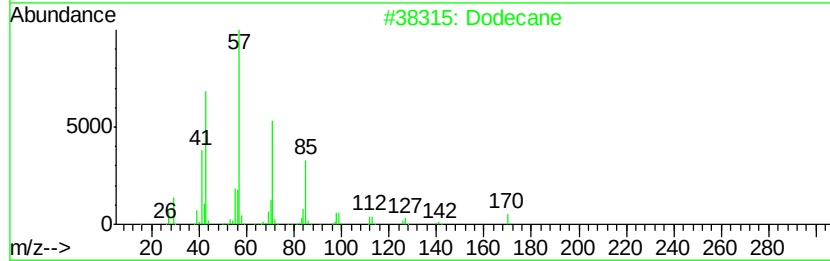
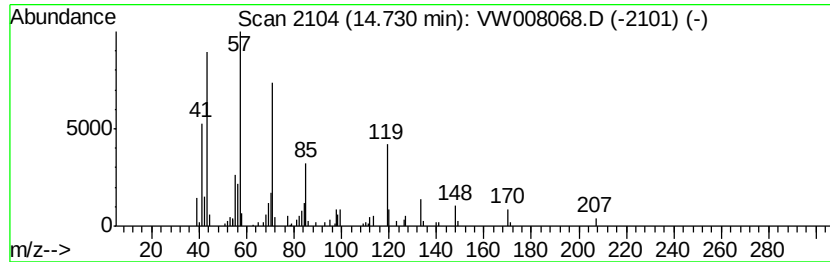
Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.73	8.30 ug/l	36762	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	95
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	52
4	Hexadecane	226	C16H34	000544-76-3	52
5	Tridecane	184	C13H28	000629-50-5	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008068.D
Acq On : 07 Jan 2019 14:35
Operator : SY/AP
Sample : K1012-03
Misc : 7.02G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

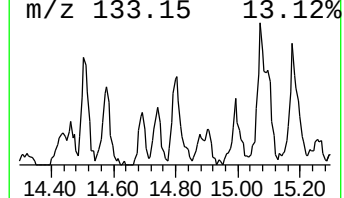
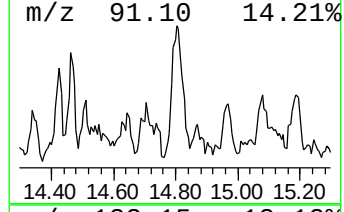
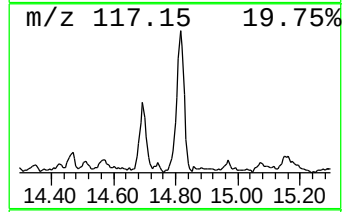
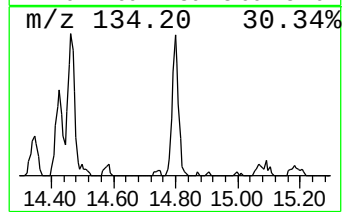
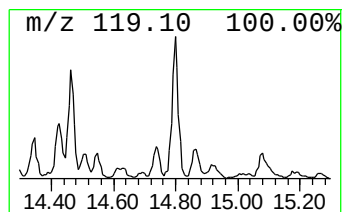
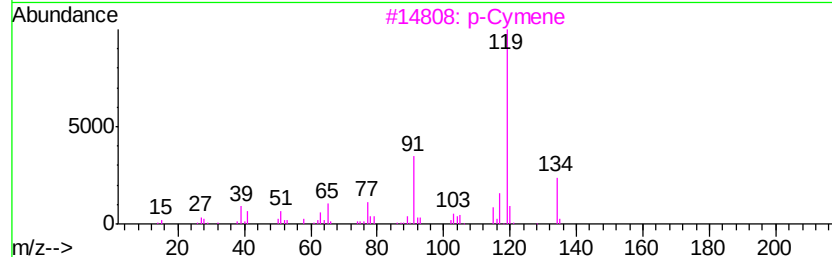
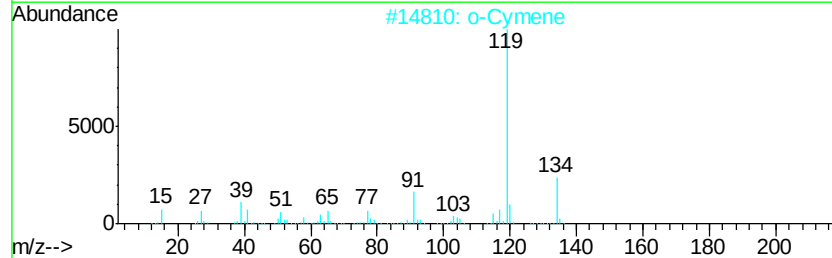
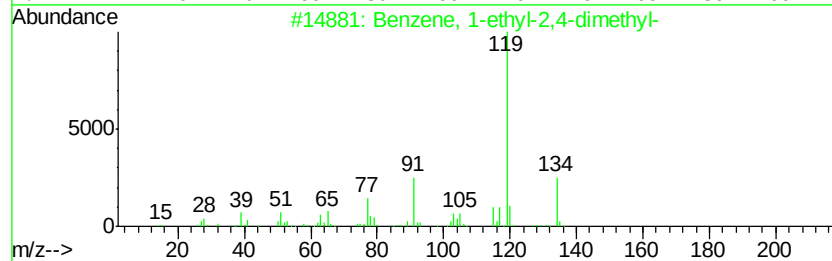
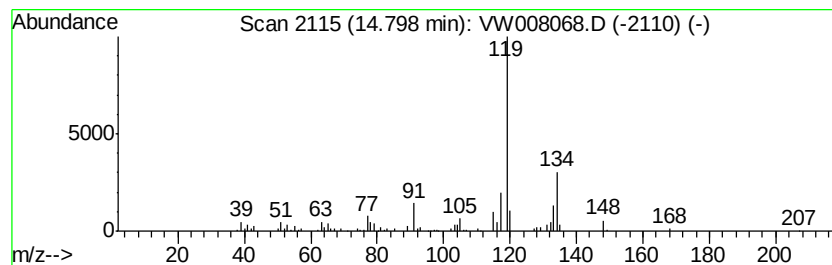
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	16.96 ug/l	75118	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9	60
2	o-Cymene	134 C10H14	000527-84-4	53
3	p-Cymene	134 C10H14	000099-87-6	53
4	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	52
5	5H-5-Methyl-6,7-dihydrocyclopent...	134 C8H10N2	023747-48-0	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008068.D
Acq On : 07 Jan 2019 14:35
Operator : SY/AP
Sample : K1012-03
Misc : 7.02G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

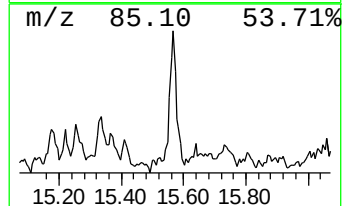
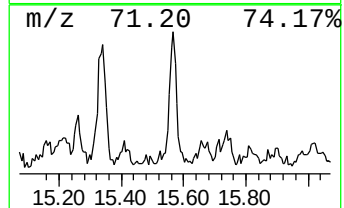
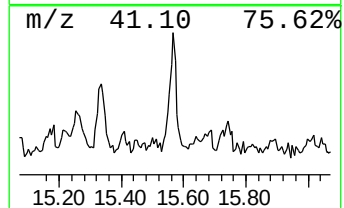
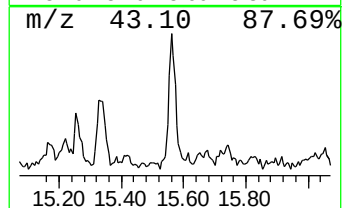
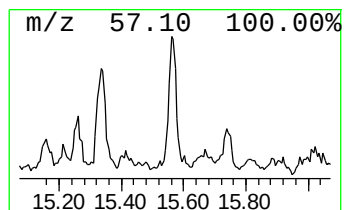
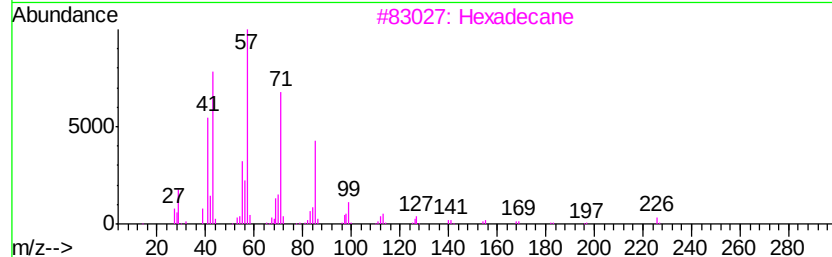
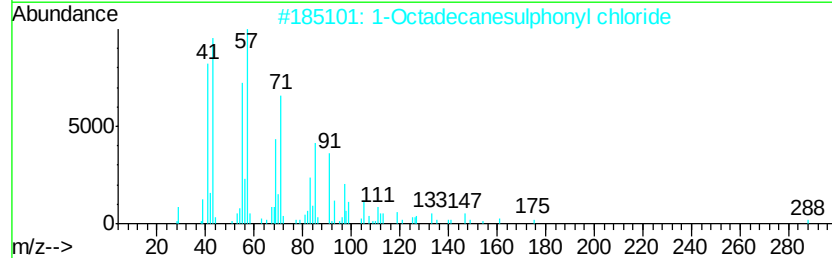
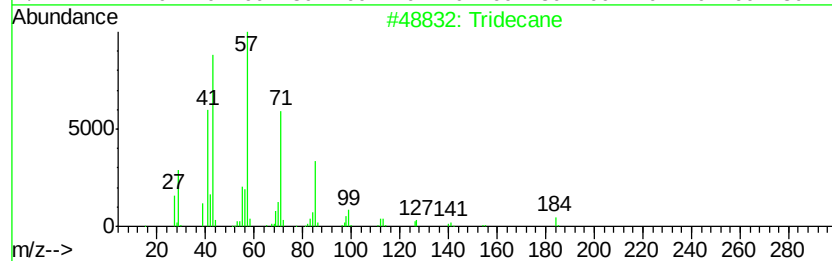
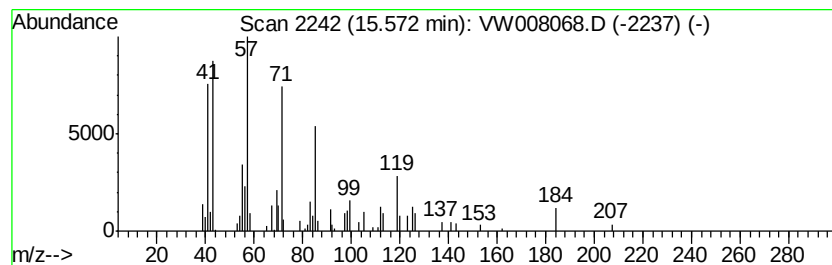
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Quant Title : SW846 8260

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

Peak Number 8 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	7.73 ug/l	34233	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Tetradecane	198	C14H30	000629-59-4	64
5		Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008068.D
Acq On : 07 Jan 2019 14:35
Operator : SY/AP
Sample : K1012-03
Misc : 7.02G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

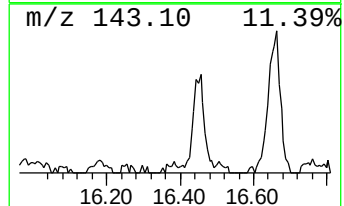
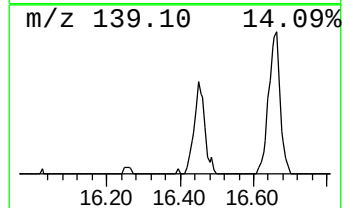
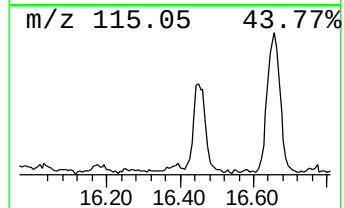
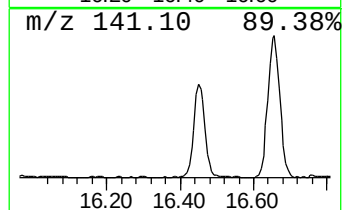
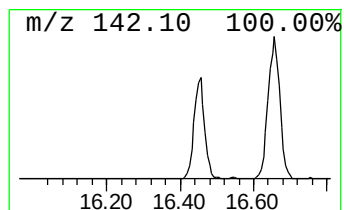
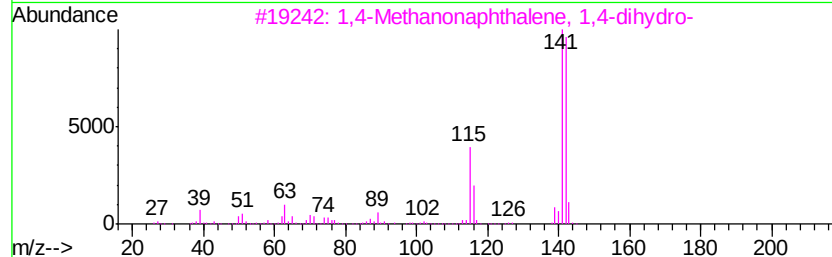
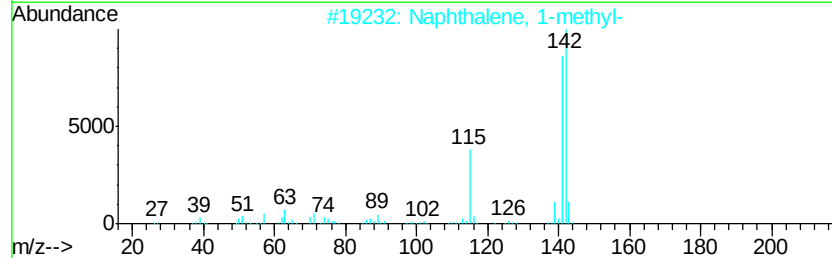
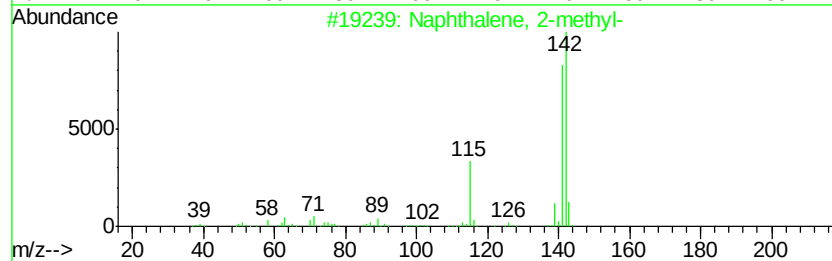
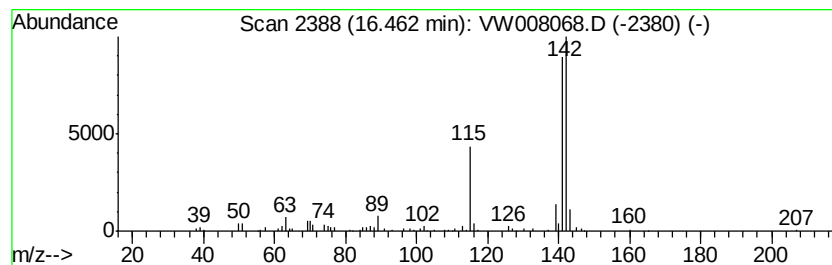
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	14.87 ug/l	65846	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	72
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010719\
Data File : VW008068.D
Acq On : 07 Jan 2019 14:35
Operator : SY/AP
Sample : K1012-03
Misc : 7.02G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.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-ethyl-...	13.11	10.6	ug/l	46757	4	13.56	221402	50.0
Indane	13.76	11.9	ug/l	52825	4	13.56	221402	50.0
Undecane	13.88	7.8	ug/l	34309	4	13.56	221402	50.0
Benzene, 1-etheny...	14.21	7.5	ug/l	33372	4	13.56	221402	50.0
Dodecane	14.73	8.3	ug/l	36762	4	13.56	221402	50.0
Benzene, 1-ethyl-...	14.80	17.0	ug/l	75118	4	13.56	221402	50.0
Tridecane	15.57	7.7	ug/l	34233	4	13.56	221402	50.0
Naphthalene, 1-me...	16.46	14.9	ug/l	65846	4	13.56	221402	50.0