

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008136.D
 Acq On : 10 Jan 2019 07:38
 Operator : SY/AP
 Sample : K1006-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-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\82W010819S.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	4.135	357	366	375	rVB2	2966	8684	2.16%	0.147%
2	4.909	481	493	503	rBV4	8542	28482	7.07%	0.481%
3	7.885	972	981	986	rBV2	51335	118736	29.48%	2.006%
4	7.945	986	991	1000	rVB	83849	185617	46.09%	3.135%
5	8.305	1042	1050	1060	rVB	52635	115771	28.75%	1.956%
6	8.842	1128	1138	1148	rBV	139132	272342	67.63%	4.600%
7	9.335	1214	1219	1225	rVB6	2486	5045	1.25%	0.085%
8	10.323	1372	1381	1388	rBV	231432	402720	100.00%	6.803%
9	10.390	1388	1392	1399	rVB	11331	20746	5.15%	0.350%
10	10.506	1404	1411	1419	rVB4	6841	12747	3.17%	0.215%
11	10.665	1432	1437	1442	rBV4	4507	7938	1.97%	0.134%
12	10.762	1448	1453	1457	rBV6	3655	6679	1.66%	0.113%
13	10.939	1477	1482	1488	rVB5	2892	5302	1.32%	0.090%
14	11.110	1506	1510	1514	rVV5	3400	6265	1.56%	0.106%
15	11.177	1514	1521	1526	rVV3	9231	20194	5.01%	0.341%
16	11.231	1526	1530	1536	rVV3	13107	22183	5.51%	0.375%
17	11.335	1543	1547	1552	rVV4	4707	8833	2.19%	0.149%
18	11.433	1552	1563	1571	rVB4	8600	27353	6.79%	0.462%
19	11.512	1571	1576	1580	rBV2	5562	9059	2.25%	0.153%
20	11.634	1587	1596	1605	rBV	194901	321651	79.87%	5.433%
21	11.725	1606	1611	1615	rBV2	5792	11134	2.76%	0.188%
22	11.768	1615	1618	1621	rVB4	3867	5018	1.25%	0.085%
23	11.841	1621	1630	1634	rBV2	29256	58645	14.56%	0.991%
24	11.975	1648	1652	1658	rBV8	1914	4811	1.19%	0.081%
25	12.048	1658	1664	1672	rVB9	2605	6636	1.65%	0.112%
26	12.164	1672	1683	1691	rBV3	19915	65450	16.25%	1.106%
27	12.256	1692	1698	1702	rVB5	8428	14196	3.53%	0.240%
28	12.341	1702	1712	1715	rBV4	15863	39705	9.86%	0.671%
29	12.548	1742	1746	1748	rBV3	4196	6598	1.64%	0.111%
30	12.573	1748	1750	1752	rVB2	7393	6450	1.60%	0.109%
31	12.621	1752	1758	1767	rBV	148400	238422	59.20%	4.027%
32	12.701	1767	1771	1776	rBV6	4443	5717	1.42%	0.097%
33	12.786	1776	1785	1792	rVB3	25781	59171	14.69%	1.000%
34	12.871	1792	1799	1802	rBV2	36070	67883	16.86%	1.147%

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35	12.938	1802	1810	1816	rVV3	89476	201882	50.13%	3.410%
36	12.993	1816	1819	1824	rVB4	10444	16032	3.98%	0.271%
37	13.109	1830	1838	1844	rBV2	23620	57472	14.27%	0.971%
38	13.170	1844	1848	1854	rVV3	26635	43899	10.90%	0.742%
39	13.256	1857	1862	1867	rVV	75945	114169	28.35%	1.929%
40	13.384	1880	1883	1887	rVB4	9140	12119	3.01%	0.205%
41	13.451	1887	1894	1898	rBV3	34809	65933	16.37%	1.114%
42	13.493	1898	1901	1906	rBV5	11519	18388	4.57%	0.311%
43	13.560	1907	1912	1916	rBV	182561	319633	79.37%	5.399%
44	13.634	1921	1924	1930	rVB5	8398	11915	2.96%	0.201%
45	13.725	1930	1939	1940	rBV5	11930	24661	6.12%	0.417%
46	13.755	1940	1944	1947	rVV2	37322	58650	14.56%	0.991%
47	13.798	1947	1951	1959	rVB3	41505	78496	19.49%	1.326%
48	13.877	1959	1964	1970	rBV3	87475	141660	35.18%	2.393%
49	13.957	1973	1977	1980	rVV	15288	19485	4.84%	0.329%
50	14.018	1983	1987	1989	rVV	22143	33337	8.28%	0.563%
51	14.042	1989	1991	1996	rVV2	29945	41708	10.36%	0.705%
52	14.103	1996	2001	2005	rVB	36794	56965	14.15%	0.962%
53	14.158	2008	2010	2013	rVB3	6185	7108	1.76%	0.120%
54	14.213	2013	2019	2024	rVB2	50800	87062	21.62%	1.471%
55	14.268	2024	2028	2029	rBV2	10110	14036	3.49%	0.237%
56	14.347	2035	2041	2044	rBV3	27368	51203	12.71%	0.865%
57	14.396	2044	2049	2051	rVV4	38180	67350	16.72%	1.138%
58	14.426	2051	2054	2057	rVV2	34883	59854	14.86%	1.011%
59	14.463	2057	2060	2064	rVV	46596	66267	16.45%	1.119%
60	14.505	2064	2067	2071	rVV2	32873	45081	11.19%	0.762%
61	14.554	2071	2075	2081	rVB5	28966	49105	12.19%	0.829%
62	14.646	2087	2090	2094	rVB	23781	32536	8.08%	0.550%
63	14.694	2094	2098	2100	rBV2	34798	52326	12.99%	0.884%
64	14.731	2100	2104	2110	rVB4	77956	127711	31.71%	2.157%
65	14.810	2110	2117	2122	rBV3	99179	259651	64.47%	4.386%
66	14.963	2138	2142	2148	rVB	50983	80852	20.08%	1.366%
67	15.030	2149	2153	2155	rBV5	13207	19112	4.75%	0.323%
68	15.072	2156	2160	2164	rVV4	31087	48451	12.03%	0.818%
69	15.182	2172	2178	2186	rVB3	43152	97448	24.20%	1.646%
70	15.267	2187	2192	2198	rVB8	18108	43106	10.70%	0.728%
71	15.334	2198	2203	2207	rBV3	37329	69095	17.16%	1.167%

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Smoothing : ON Filtering: 5
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72	15.432	2213	2219	2223	rBV	35169	64082	15.91%	1.082%
73	15.481	2223	2227	2230	rBV3	25516	42946	10.66%	0.725%
74	15.566	2237	2241	2250	rVB2	60866	115105	28.58%	1.944%
75	15.664	2250	2257	2264	rBV3	44049	109267	27.13%	1.846%
76	15.743	2266	2270	2276	rVV6	16835	31797	7.90%	0.537%
77	15.828	2278	2284	2287	rVV3	26520	62868	15.61%	1.062%
78	15.871	2287	2291	2299	rVB	80777	151606	37.65%	2.561%
79	15.962	2302	2306	2310	rVB6	12170	18610	4.62%	0.314%
80	16.035	2311	2318	2324	rBV3	21782	57513	14.28%	0.972%
81	16.188	2333	2343	2348	rBV3	52072	129237	32.09%	2.183%
82	16.298	2358	2361	2366	rVB3	13345	17913	4.45%	0.303%
83	16.383	2368	2375	2381	rVV4	41774	95686	23.76%	1.616%
84	16.450	2381	2386	2391	rVV2	31426	72922	18.11%	1.232%
85	16.505	2391	2395	2401	rVB3	25974	48962	12.16%	0.827%
86	16.657	2411	2420	2434	rVB8	31305	111499	27.69%	1.883%

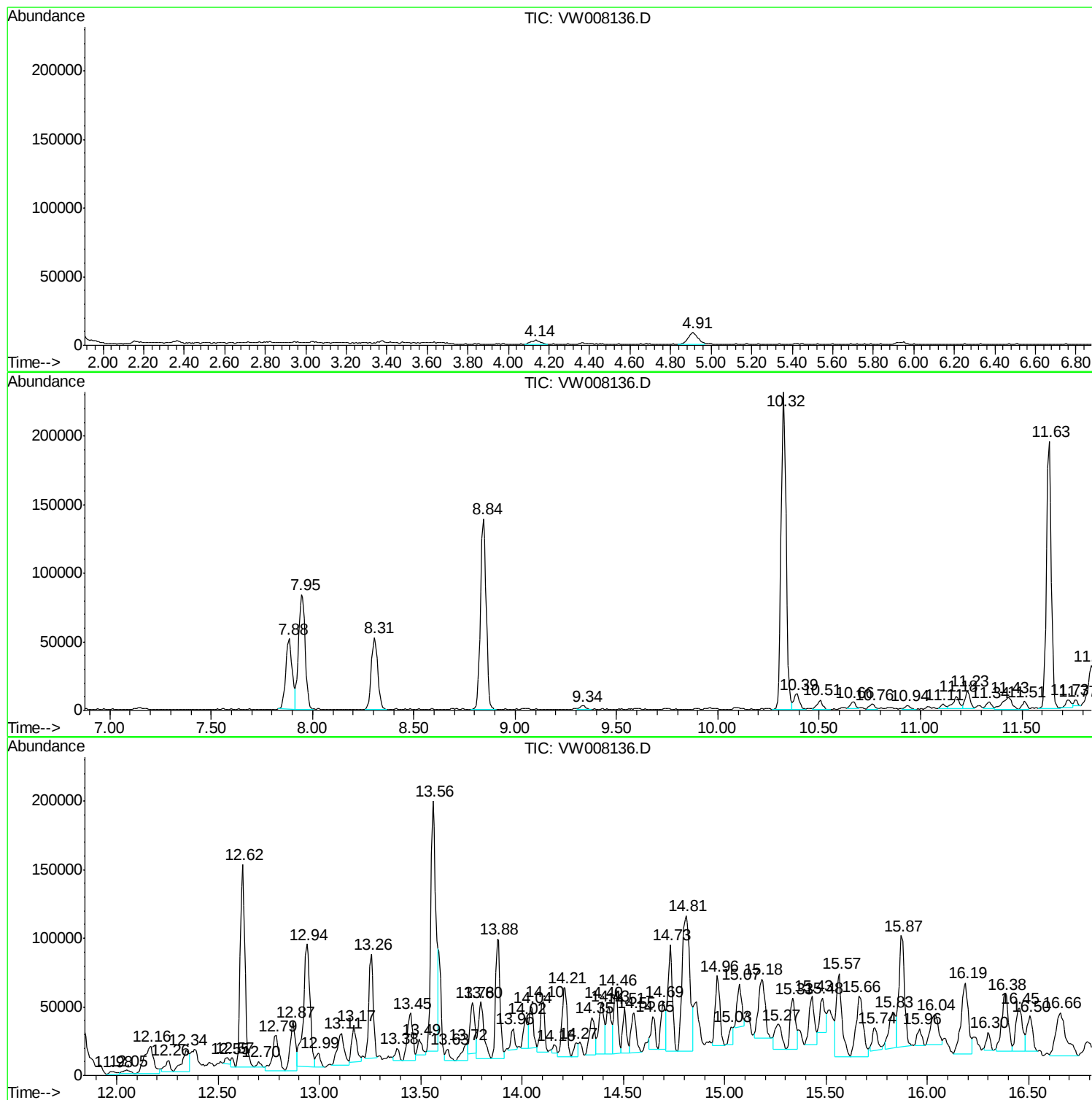
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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



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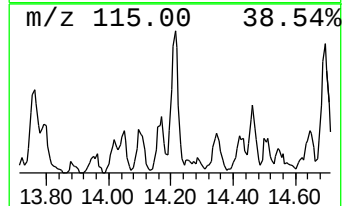
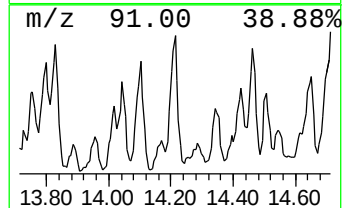
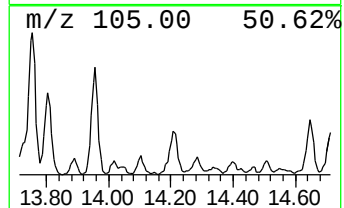
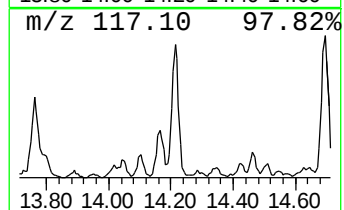
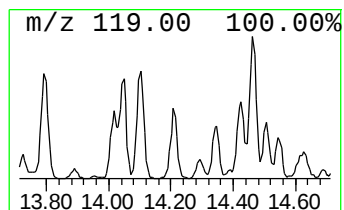
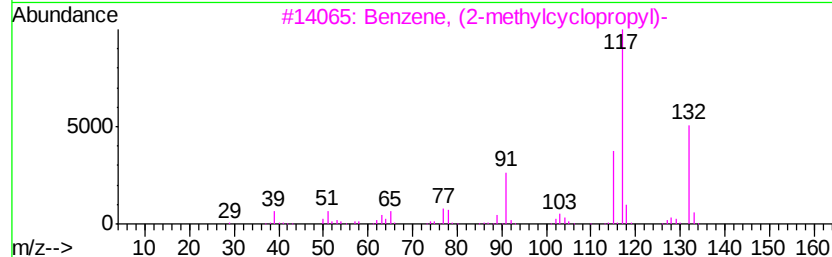
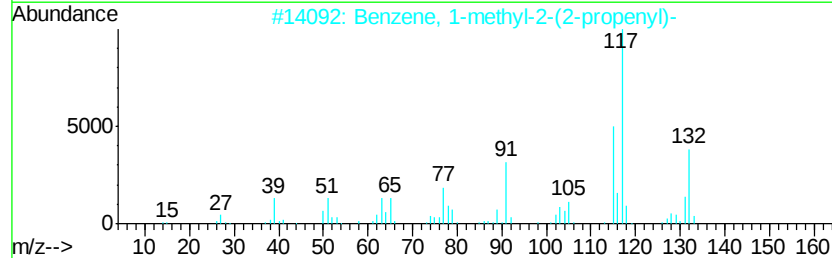
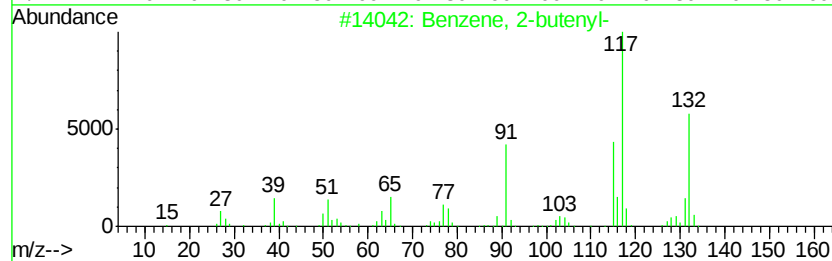
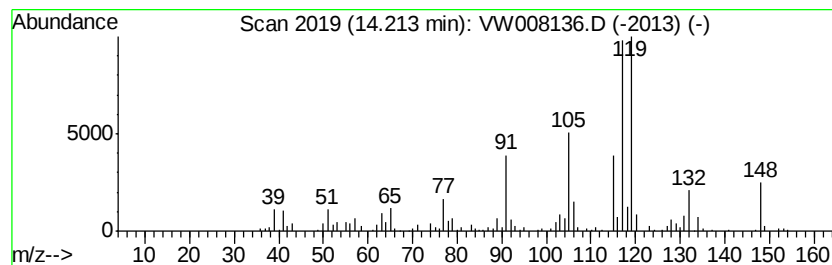
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 2-butenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	13.62 ug/l	87062	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	55
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55



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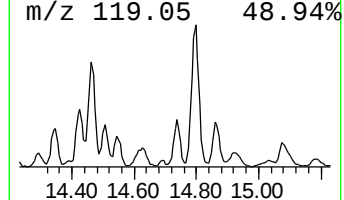
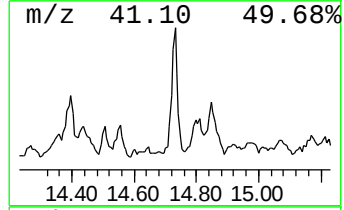
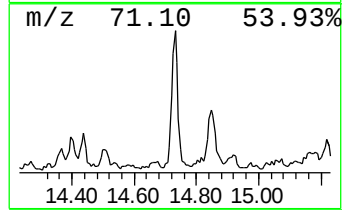
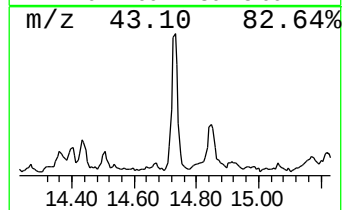
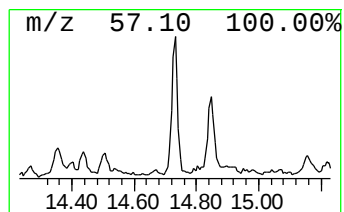
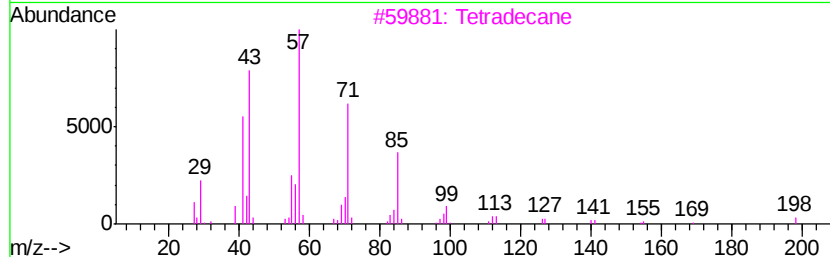
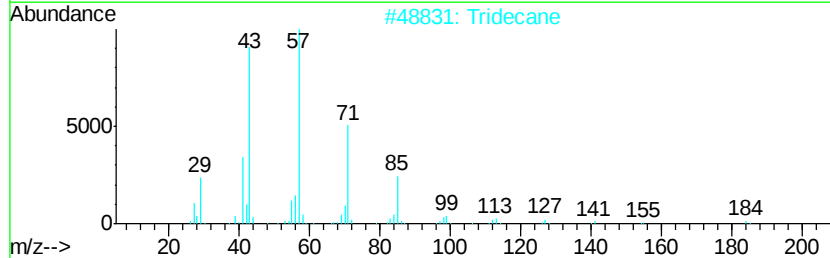
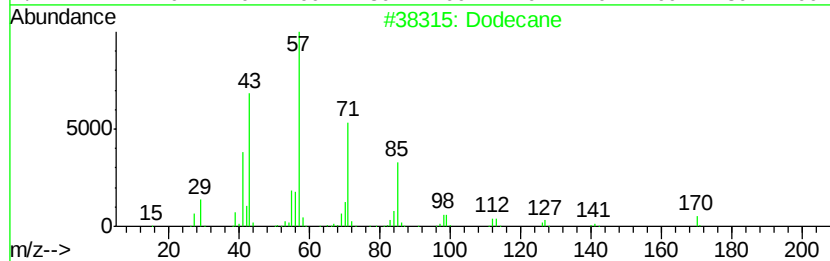
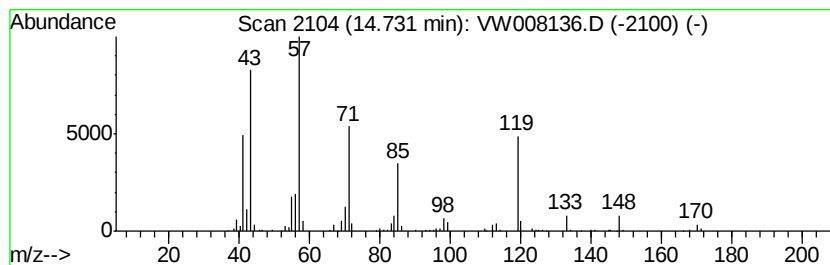
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	19.98 ug/l	127711	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	90
2	Tridecane		184	C13H28	000629-50-5	47
3	Tetradecane		198	C14H30	000629-59-4	47
4	Hexadecane		226	C16H34	000544-76-3	47
5	Undecane		156	C11H24	001120-21-4	46



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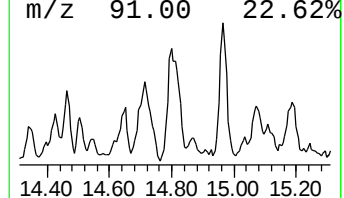
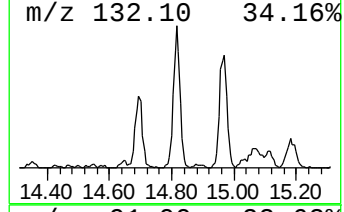
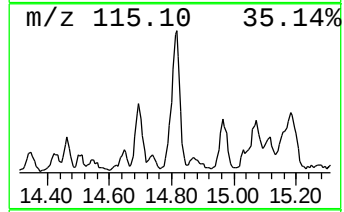
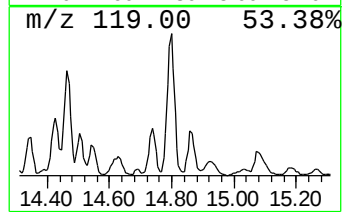
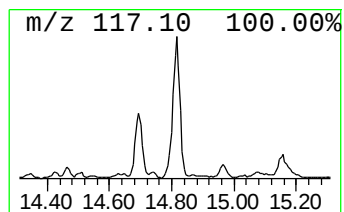
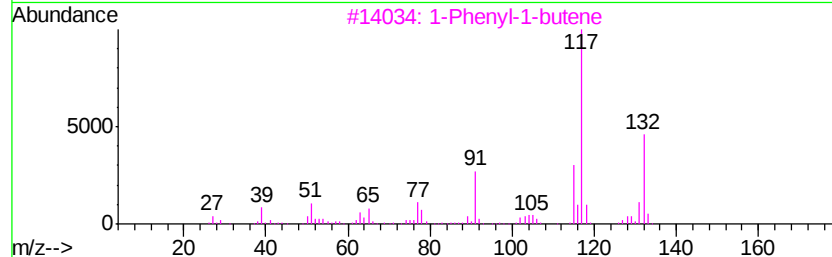
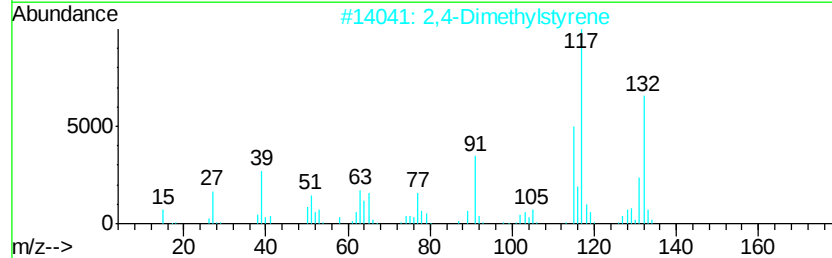
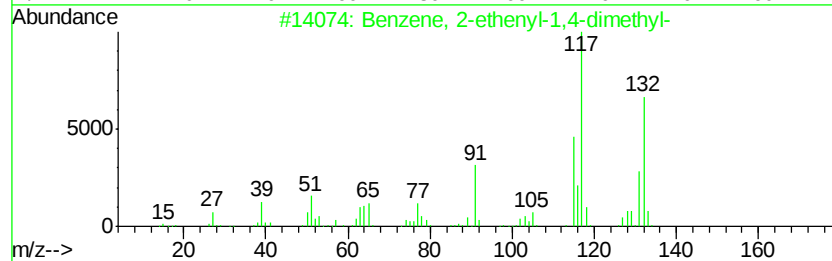
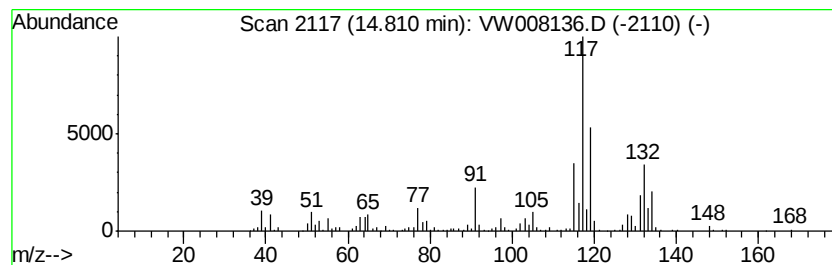
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	40.62 ug/l	259651	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	89
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64



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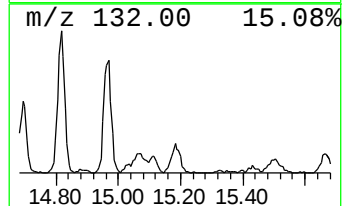
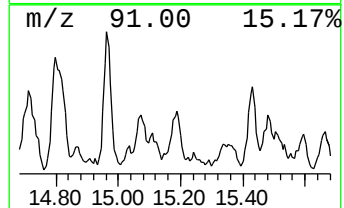
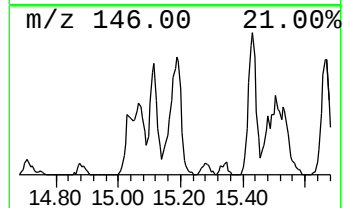
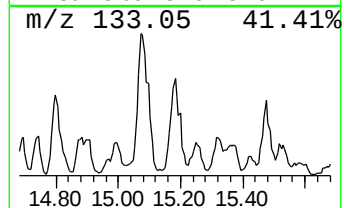
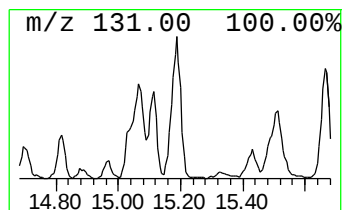
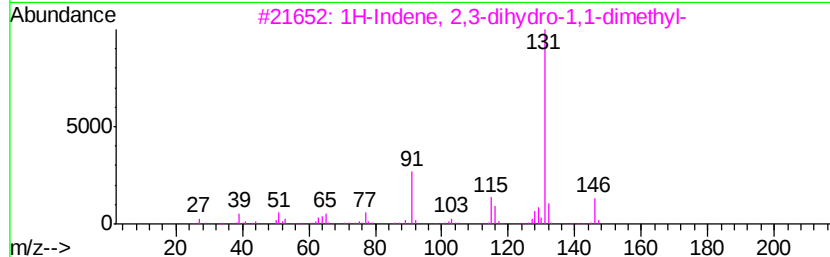
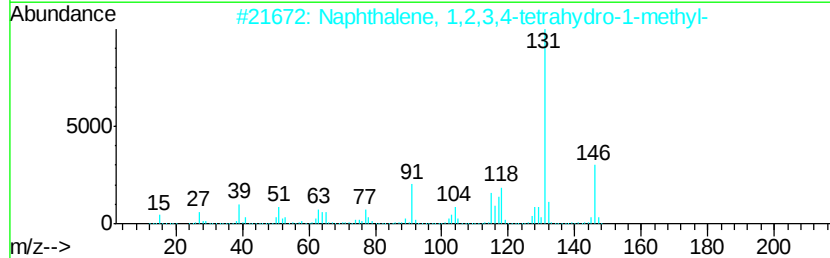
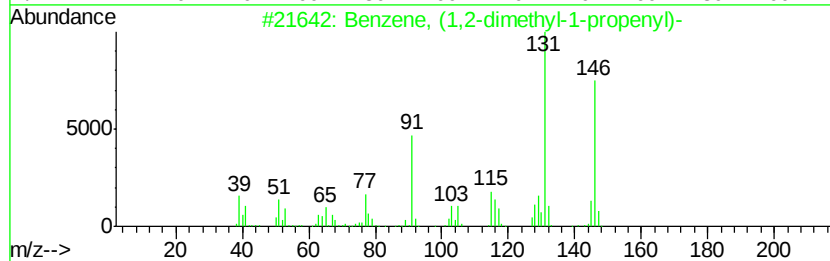
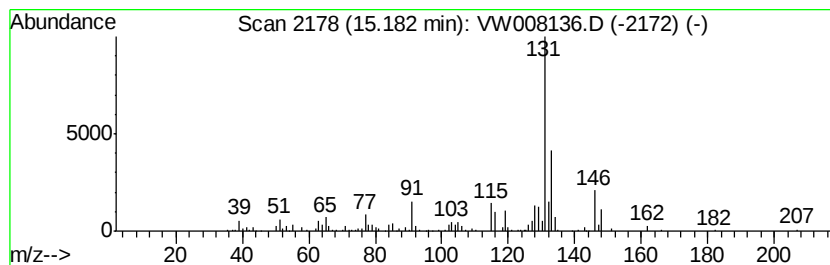
Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.18	15.24 ug/l	97448	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
2		Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	70
3		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008136.D
Acq On : 10 Jan 2019 07:38
Operator : SY/AP
Sample : K1006-03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

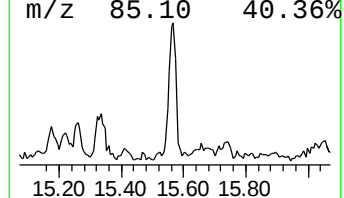
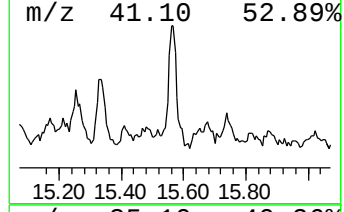
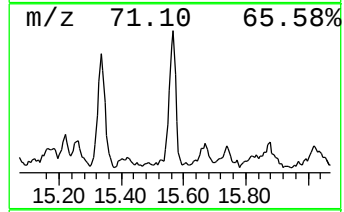
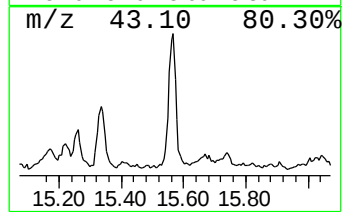
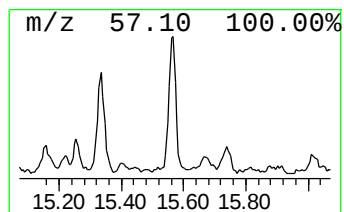
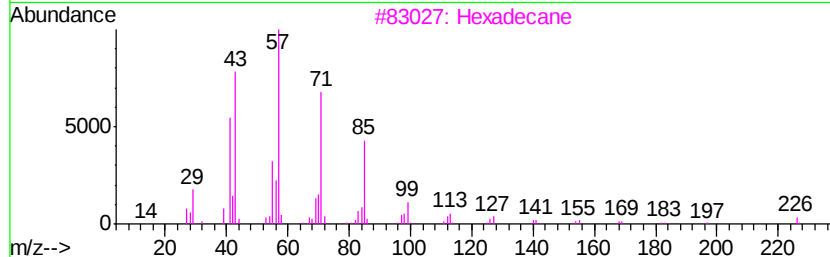
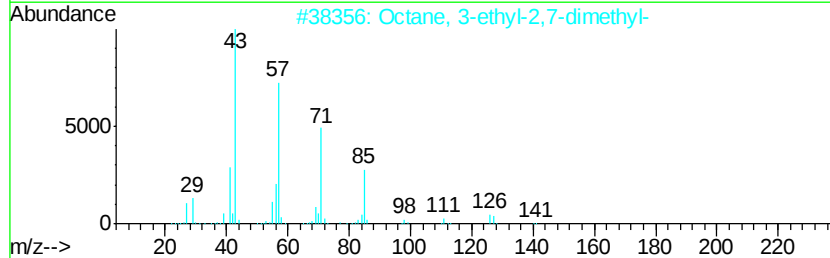
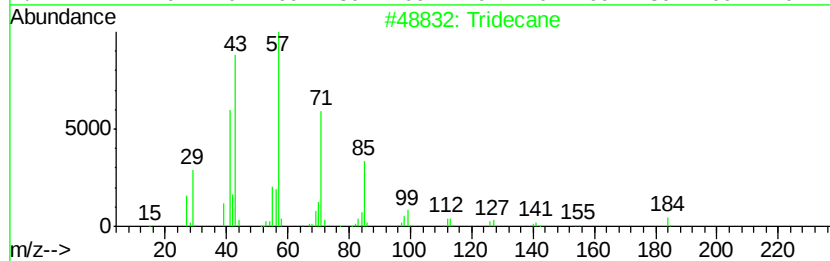
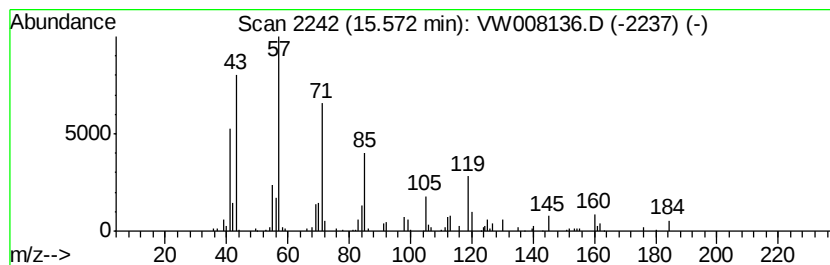
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Quant Title : SW846 8260

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

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	18.01 ug/l	115105	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	49
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47
3		Hexadecane	226	C16H34	000544-76-3	43
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	43
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008136.D
Acq On : 10 Jan 2019 07:38
Operator : SY/AP
Sample : K1006-03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

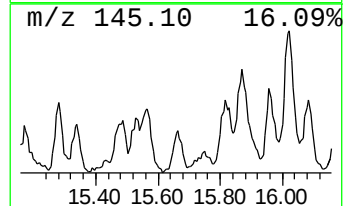
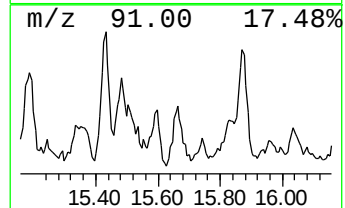
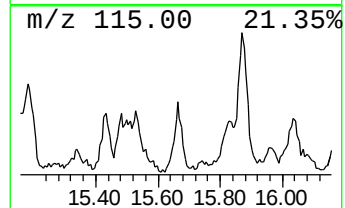
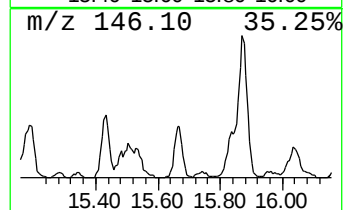
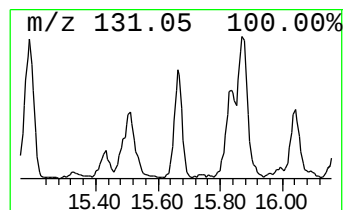
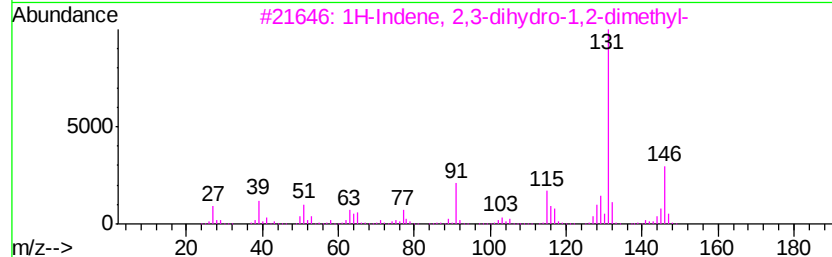
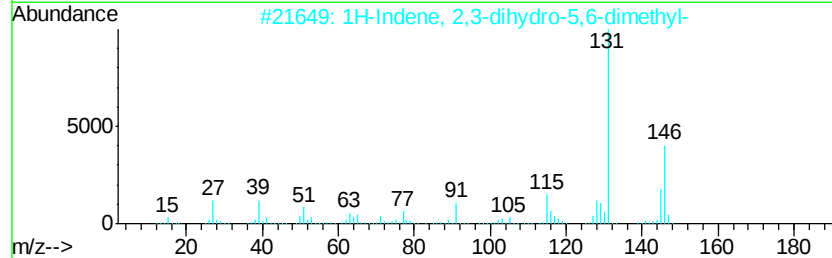
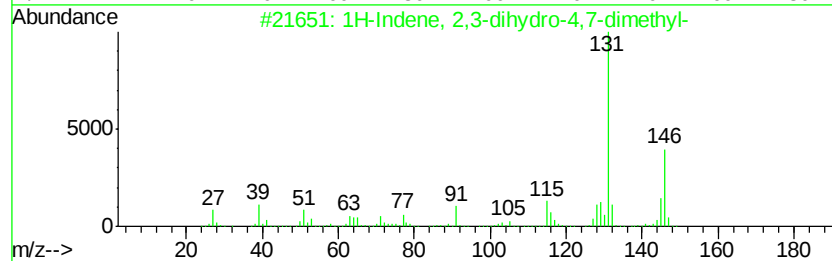
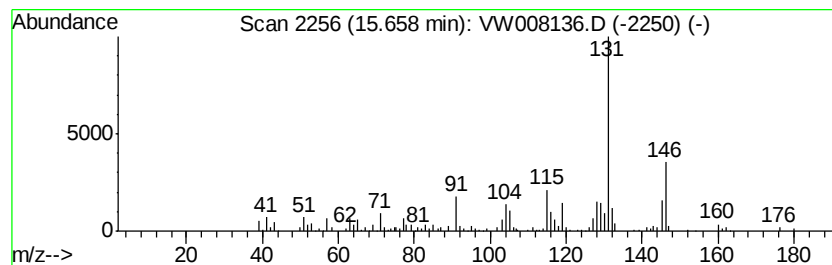
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	17.09 ug/l	109267	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008136.D
Acq On : 10 Jan 2019 07:38
Operator : SY/AP
Sample : K1006-03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

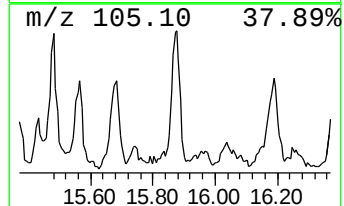
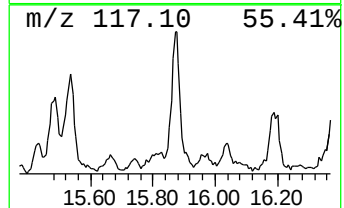
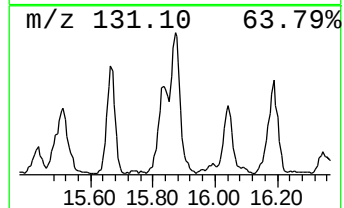
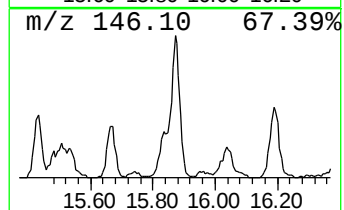
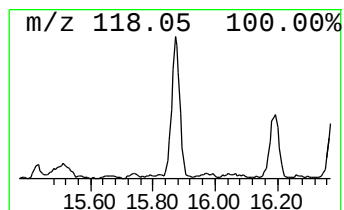
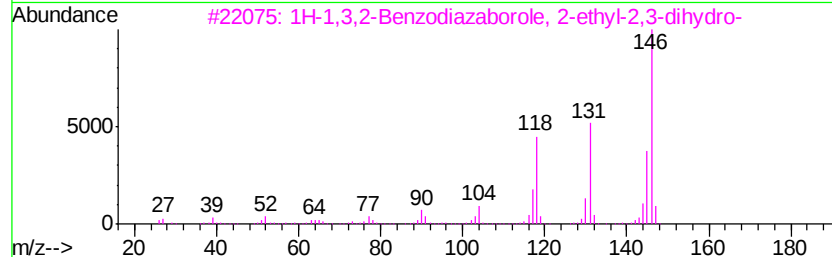
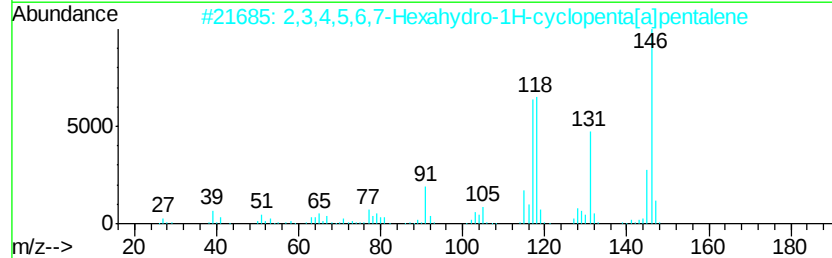
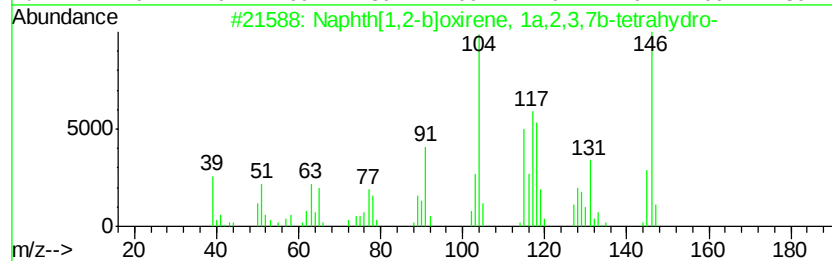
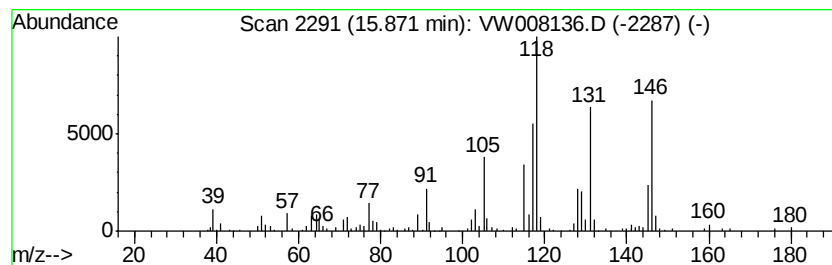
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Quant Title : SW846 8260

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

Peak Number 7 Naphth[1,2-b]oxirene, 1a,2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	23.72 ug/l	151606	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
2		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	60
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	58
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008136.D
Acq On : 10 Jan 2019 07:38
Operator : SY/AP
Sample : K1006-03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

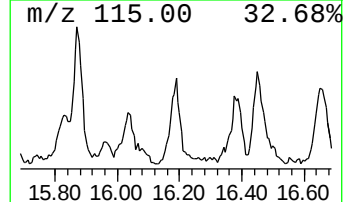
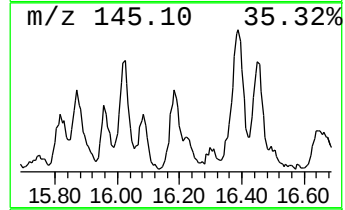
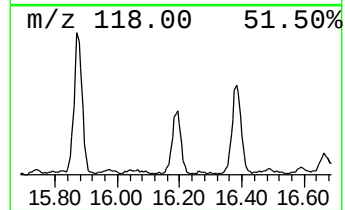
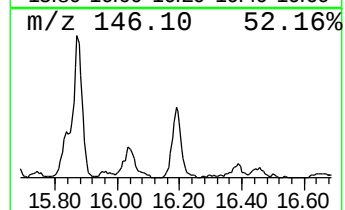
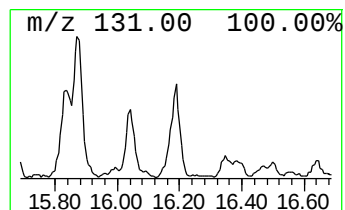
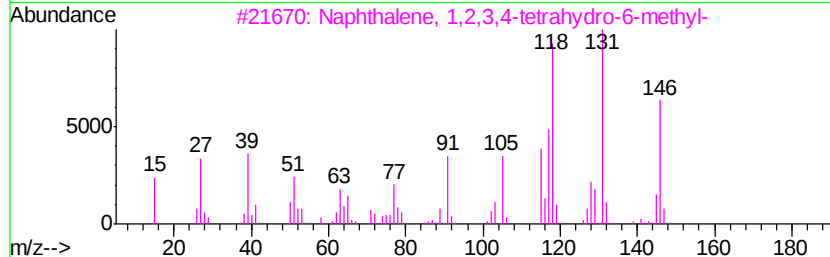
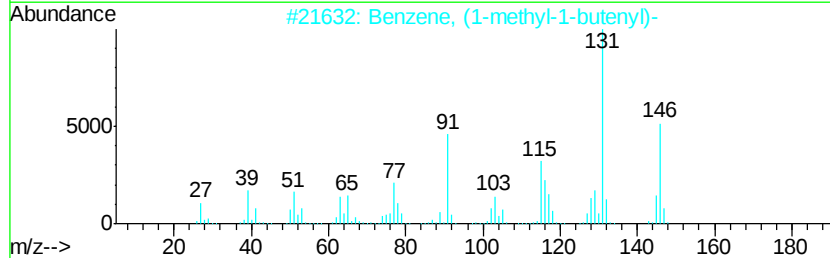
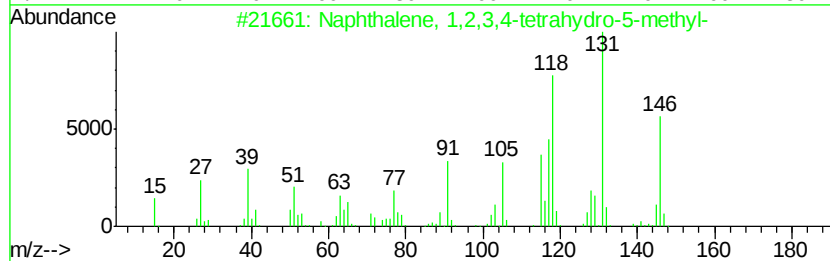
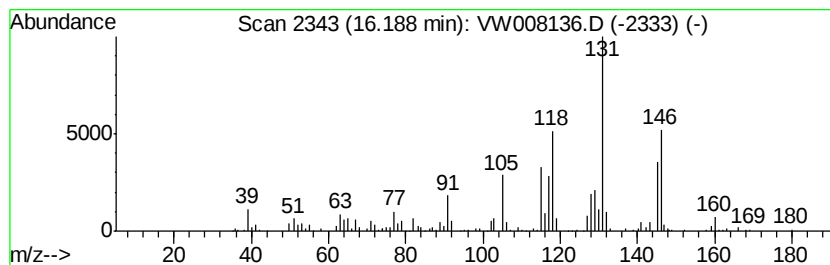
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	20.22 ug/l	129237	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
4		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	62
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008136.D
Acq On : 10 Jan 2019 07:38
Operator : SY/AP
Sample : K1006-03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

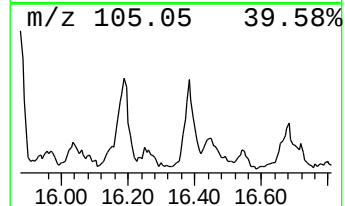
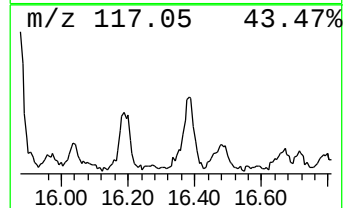
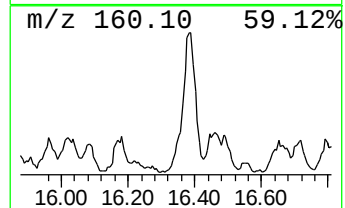
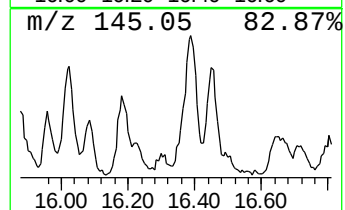
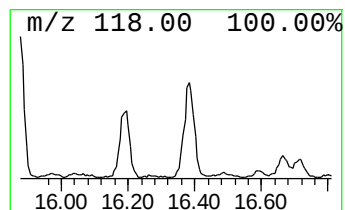
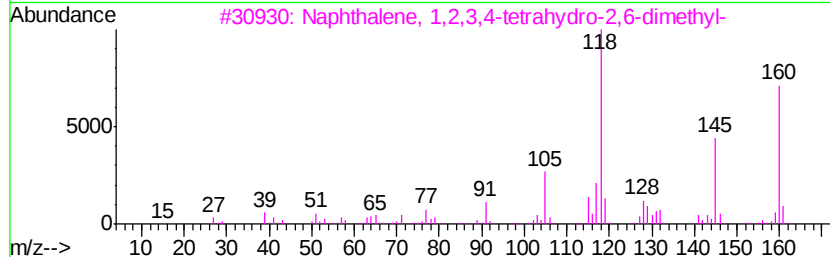
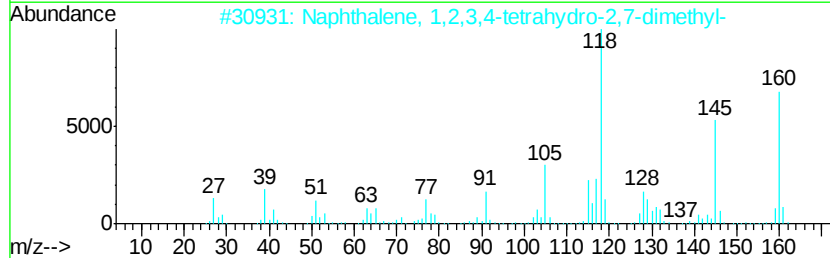
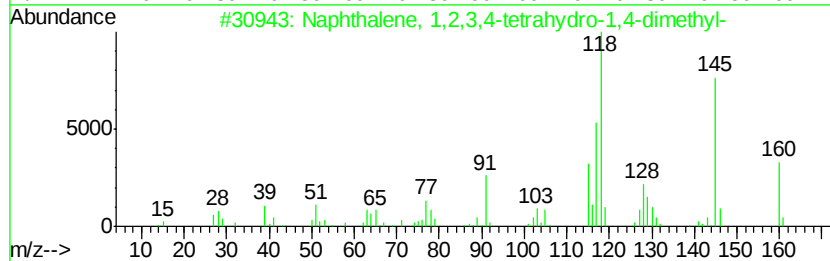
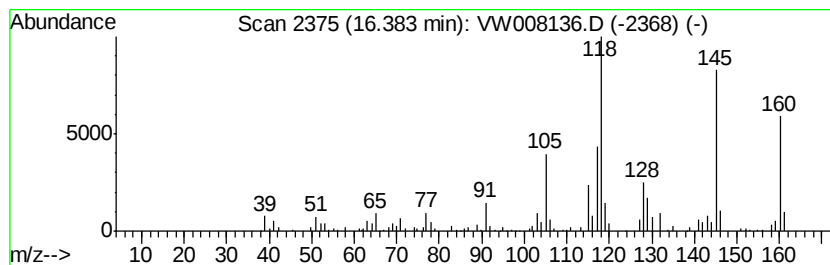
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	14.97 ug/l	95686	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008136.D
Acq On : 10 Jan 2019 07:38
Operator : SY/AP
Sample : K1006-03
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.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
Benzene, 2-butenyl-	14.21	13.6	ug/l	87062	4	13.56	319633	50.0
Dodecane	14.73	20.0	ug/l	127711	4	13.56	319633	50.0
Benzene, 2-etheny...	14.81	40.6	ug/l	259651	4	13.56	319633	50.0
Benzene, (1,2-dim...	15.18	15.2	ug/l	97448	4	13.56	319633	50.0
Tridecane	15.57	18.0	ug/l	115105	4	13.56	319633	50.0
1H-Indene, 2,3-di...	15.66	17.1	ug/l	109267	4	13.56	319633	50.0
Naphth[1,2-b]oxir...	15.87	23.7	ug/l	151606	4	13.56	319633	50.0
Naphthalene, 1,2,...	16.19	20.2	ug/l	129237	4	13.56	319633	50.0
Naphthalene, 1,2,...	16.38	15.0	ug/l	95686	4	13.56	319633	50.0