

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013947.D
 Acq On : 08 Nov 2019 16:20
 Operator : SY/VA
 Sample : K5742-08
 Misc : 8.19G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-26-(6-8)

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\82W102319S.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	2.154	34	41	65	rBV	126113	345609	23.62%	2.067%
2	4.909	479	493	494	rBV2	10478	20326	1.39%	0.122%
3	5.934	650	661	671	rBV3	12185	37057	2.53%	0.222%
4	6.982	825	833	842	rVB3	7977	19401	1.33%	0.116%
5	7.135	850	858	872	rVB2	8801	25540	1.75%	0.153%
6	7.671	937	946	959	rVB3	5369	17811	1.22%	0.107%
7	7.885	969	981	985	rBV2	173292	417567	28.53%	2.498%
8	7.945	985	991	1001	rVV2	371243	844128	57.68%	5.049%
9	8.061	1001	1010	1018	rVB3	15244	43192	2.95%	0.258%
10	8.153	1018	1025	1032	rBV3	18182	38723	2.65%	0.232%
11	8.305	1041	1050	1061	rVB	157735	355967	24.32%	2.129%
12	8.433	1061	1071	1076	rBV7	7415	19960	1.36%	0.119%
13	8.573	1088	1094	1104	rVB4	7511	17500	1.20%	0.105%
14	8.689	1106	1113	1123	rBV	44962	92486	6.32%	0.553%
15	8.842	1128	1138	1148	rBV	505564	1018870	69.62%	6.095%
16	9.335	1204	1219	1226	rBV	66927	158273	10.82%	0.947%
17	9.957	1315	1321	1325	rBV	30335	56396	3.85%	0.337%
18	10.098	1335	1344	1354	rBV3	32166	70070	4.79%	0.419%
19	10.323	1373	1381	1395	rBV	804707	1463401	100.00%	8.754%
20	10.506	1403	1411	1417	rVB	87661	152600	10.43%	0.913%
21	10.664	1431	1437	1440	rBV3	14069	25058	1.71%	0.150%
22	10.701	1440	1443	1447	rVV2	14671	24300	1.66%	0.145%
23	10.756	1447	1452	1459	rVV6	12271	25725	1.76%	0.154%
24	10.847	1462	1467	1474	rVB4	9689	19790	1.35%	0.118%
25	10.933	1474	1481	1488	rBV3	10773	19192	1.31%	0.115%
26	11.030	1488	1497	1504	rBV3	12817	37512	2.56%	0.224%
27	11.177	1516	1521	1526	rVV	22410	39210	2.68%	0.235%
28	11.231	1526	1530	1536	rVB2	11632	18130	1.24%	0.108%
29	11.341	1542	1548	1551	rBV3	8827	14678	1.00%	0.088%
30	11.408	1551	1559	1571	rVB3	31335	85413	5.84%	0.511%
31	11.512	1571	1576	1581	rBV2	25770	41361	2.83%	0.247%
32	11.628	1587	1595	1606	rBV	628955	1098979	75.10%	6.574%
33	11.731	1606	1612	1620	rVV	47352	87528	5.98%	0.524%
34	11.841	1620	1630	1639	rVV3	144370	314883	21.52%	1.884%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	11.920	1639	1643	1648	rVB3	11098	19431	1.33%	0.116%
36	12.054	1654	1665	1670	rBV5	8228	21885	1.50%	0.131%
37	12.134	1672	1678	1685	rBV4	20732	54211	3.70%	0.324%
38	12.250	1693	1697	1702	rVB2	18670	29398	2.01%	0.176%
39	12.329	1702	1710	1714	rBV6	14374	43653	2.98%	0.261%
40	12.384	1714	1719	1726	rVB4	17450	35741	2.44%	0.214%
41	12.469	1728	1733	1735	rBV4	8255	15591	1.07%	0.093%
42	12.500	1735	1738	1742	rVB4	12924	19674	1.34%	0.118%
43	12.615	1751	1757	1766	rVB	524704	868065	59.32%	5.192%
44	12.798	1781	1787	1792	rVB3	17629	39218	2.68%	0.235%
45	12.865	1792	1798	1801	rBV	84869	145789	9.96%	0.872%
46	12.902	1801	1804	1805	rVV2	33602	44857	3.07%	0.268%
47	12.938	1806	1810	1816	rVB3	104844	178693	12.21%	1.069%
48	12.987	1816	1818	1824	rVB2	32679	48817	3.34%	0.292%
49	13.079	1828	1833	1835	rBV4	27146	44337	3.03%	0.265%
50	13.164	1844	1847	1852	rVB5	22070	30033	2.05%	0.180%
51	13.249	1853	1861	1865	rBV	142157	241397	16.50%	1.444%
52	13.292	1865	1868	1872	rVB	32206	40447	2.76%	0.242%
53	13.347	1872	1877	1880	rBV4	21369	35399	2.42%	0.212%
54	13.451	1885	1894	1897	rBV3	98024	202257	13.82%	1.210%
55	13.481	1897	1899	1904	rVB4	44829	62498	4.27%	0.374%
56	13.554	1905	1911	1920	rBV	595710	1038970	71.00%	6.215%
57	13.701	1930	1935	1937	rBV4	28754	49904	3.41%	0.299%
58	13.755	1940	1944	1947	rVV3	33119	50045	3.42%	0.299%
59	13.792	1947	1950	1958	rVB3	33102	53183	3.63%	0.318%
60	13.877	1959	1964	1967	rBV3	153322	249789	17.07%	1.494%
61	13.920	1967	1971	1974	rVB	79655	102252	6.99%	0.612%
62	13.975	1977	1980	1984	rBV2	73542	101152	6.91%	0.605%
63	14.011	1984	1986	1988	rBV2	28433	35819	2.45%	0.214%
64	14.091	1997	1999	2004	rVB2	105571	136307	9.31%	0.815%
65	14.200	2012	2017	2021	rBV4	60142	110976	7.58%	0.664%
66	14.261	2021	2027	2032	rVV5	106471	195537	13.36%	1.170%
67	14.316	2032	2036	2041	rVV4	56267	108510	7.41%	0.649%
68	14.389	2042	2048	2055	rVV3	358008	743866	50.83%	4.450%
69	14.456	2055	2059	2063	rVV	184621	297838	20.35%	1.782%
70	14.499	2063	2066	2069	rVV4	59700	98554	6.73%	0.590%
71	14.548	2069	2074	2079	rVV6	176225	346857	23.70%	2.075%

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72	14.597	2079	2082	2087	rVB4	59310	92480	6.32%	0.553%
73	14.731	2100	2104	2109	rVB3	82372	132693	9.07%	0.794%
74	14.798	2109	2115	2120	rBV5	257383	548529	37.48%	3.281%
75	14.853	2120	2124	2129	rVB5	208450	370146	25.29%	2.214%
76	15.060	2155	2158	2166	rVB4	89461	149066	10.19%	0.892%
77	15.182	2172	2178	2185	rVB7	92328	216987	14.83%	1.298%
78	15.267	2187	2192	2197	rVB3	187469	339372	23.19%	2.030%
79	15.328	2197	2202	2206	rBV2	180221	301815	20.62%	1.805%
80	15.676	2248	2259	2263	rBV7	68964	240177	16.41%	1.437%
81	15.865	2287	2290	2295	rVB5	46089	71085	4.86%	0.425%
82	16.176	2336	2341	2345	rBV4	57109	120053	8.20%	0.718%
83	16.285	2354	2359	2367	rVB	106521	195670	13.37%	1.170%
84	16.371	2368	2373	2379	rVB2	54791	104940	7.17%	0.628%
85	16.444	2379	2385	2390	rBV	83324	182753	12.49%	1.093%
86	16.541	2398	2401	2406	rVB2	45170	64273	4.39%	0.384%
87	16.645	2406	2418	2430	rBV3	161453	580130	39.64%	3.470%

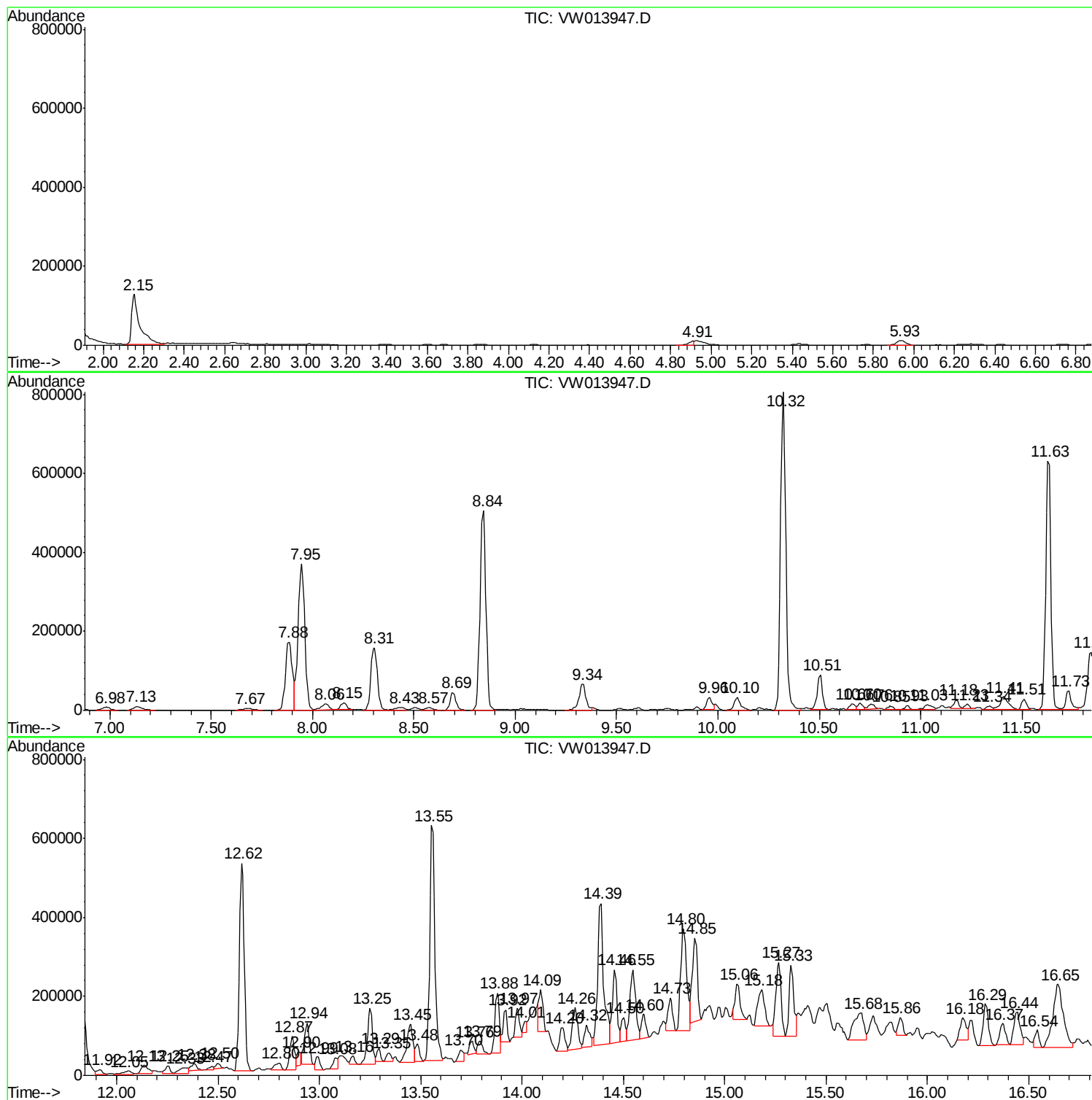
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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampled :
SB-26-(6-8)

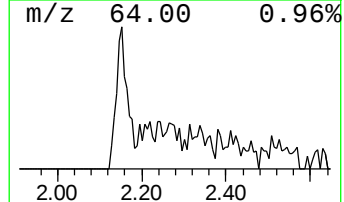
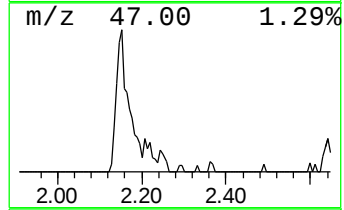
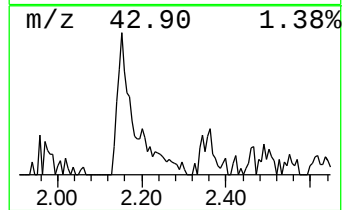
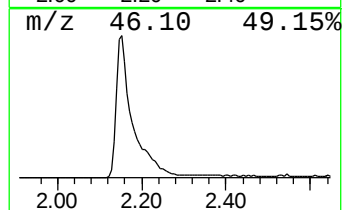
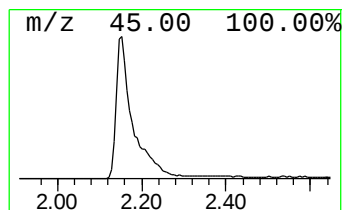
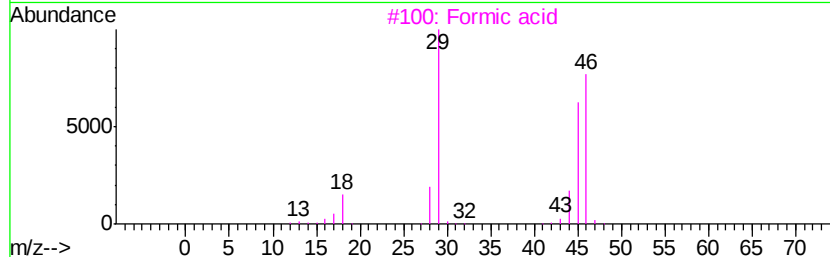
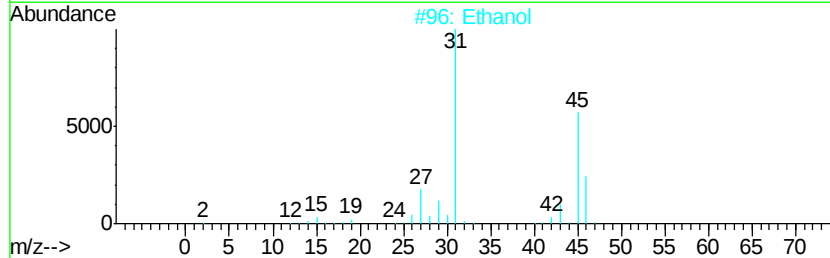
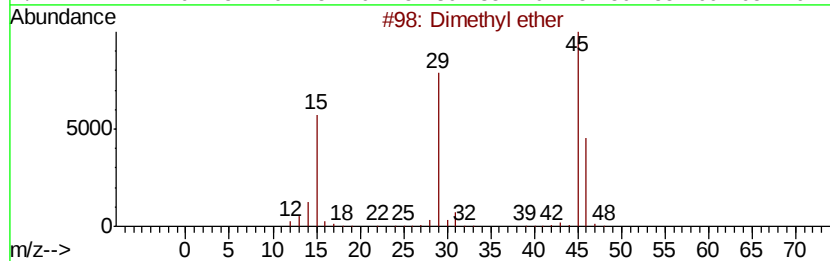
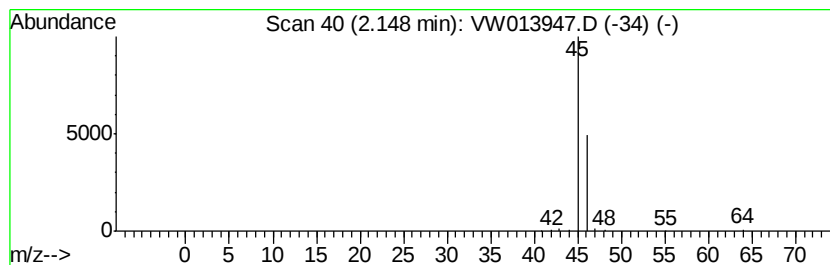
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260

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

Peak Number 1 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	20.47 ug/l	345609	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	83
2		Ethanol	46	C2H6O	000064-17-5	9
3		Formic acid	46	CH2O2	000064-18-6	7
4		Oxalic acid	90	C2H2O4	000144-62-7	4
5		Methane, nitroso-	45	CH3NO	000865-40-7	3



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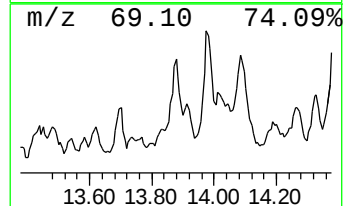
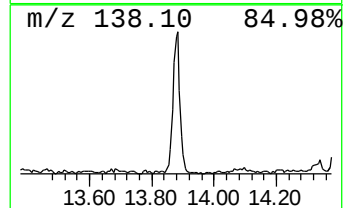
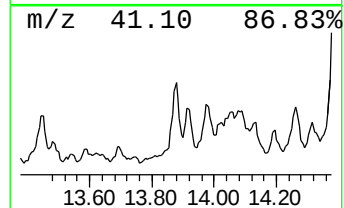
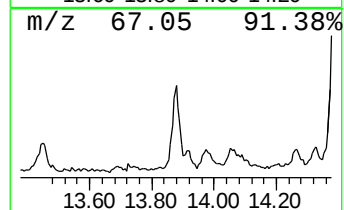
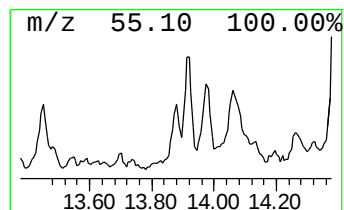
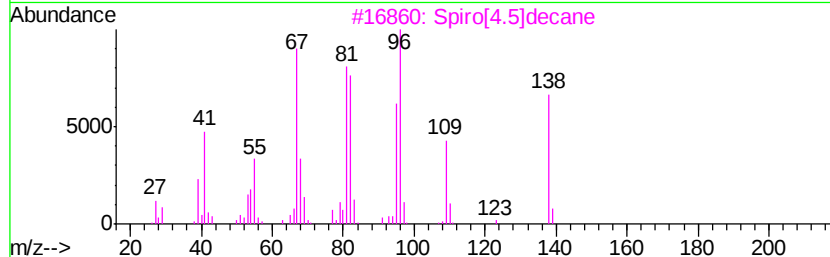
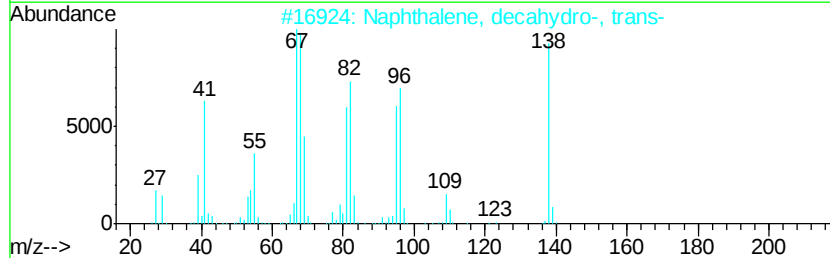
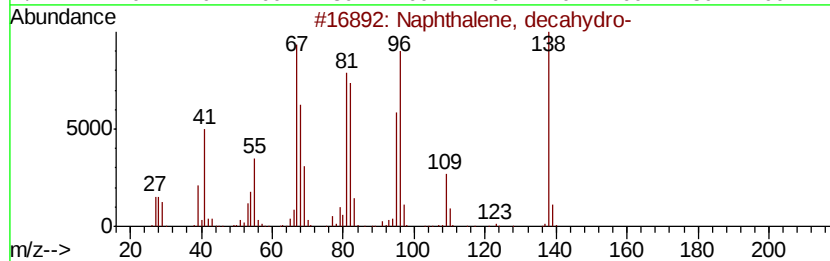
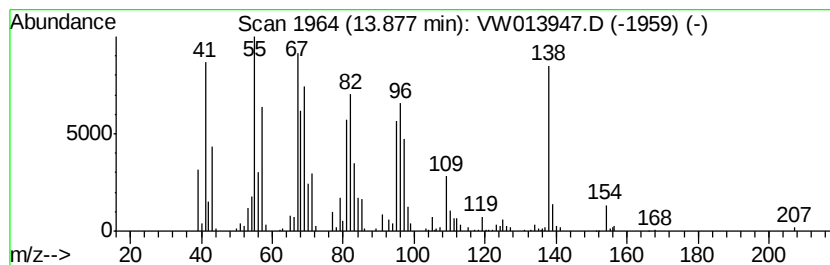
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	12.02 ug/l	249789	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3		Spiro[4.5]decane	138	C10H18	000176-63-6	93
4		9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	83
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58



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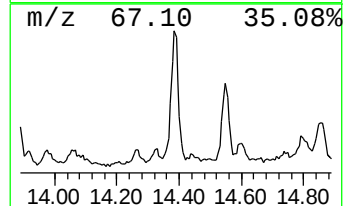
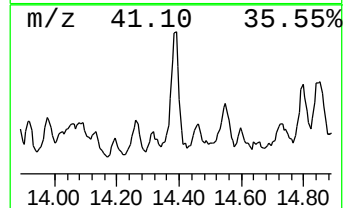
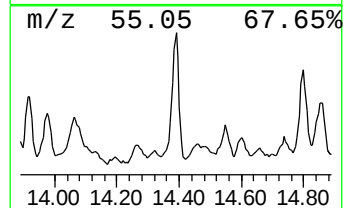
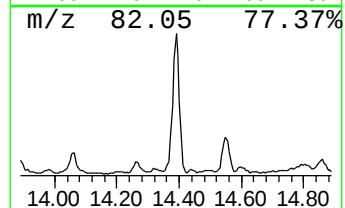
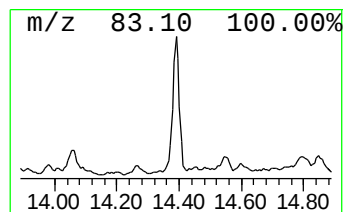
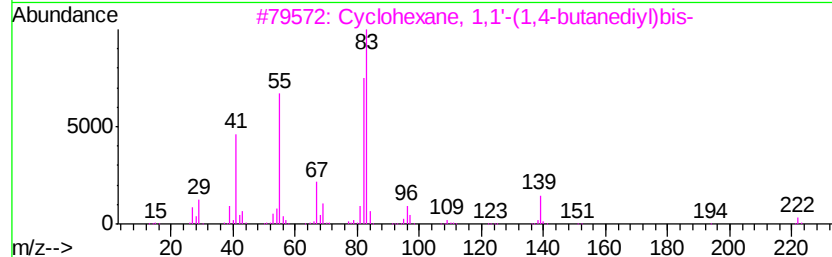
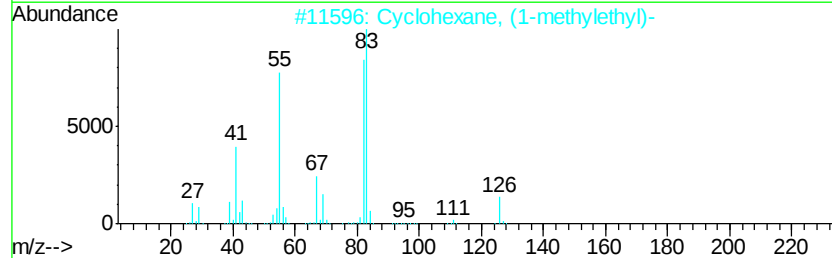
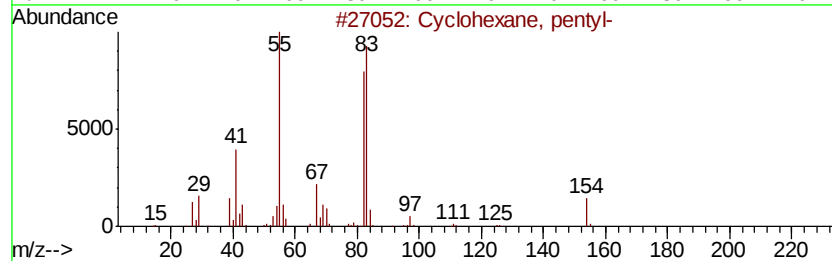
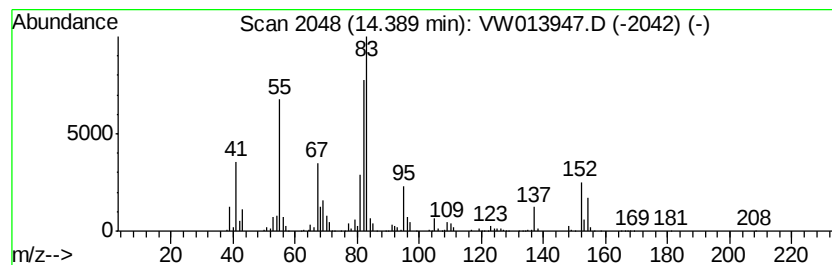
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, pentyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	35.80 ug/l	743866	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3		Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	50
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5		(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	43



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SB-26-(6-8)

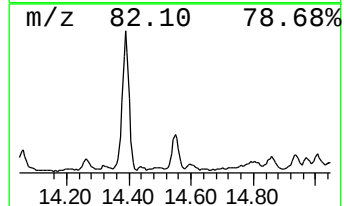
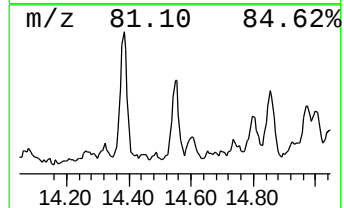
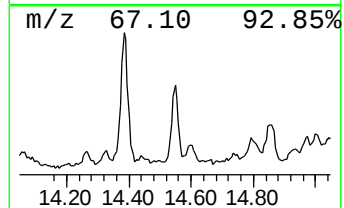
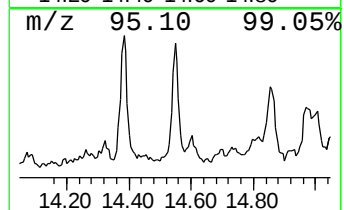
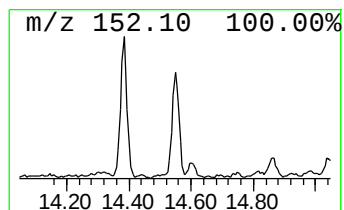
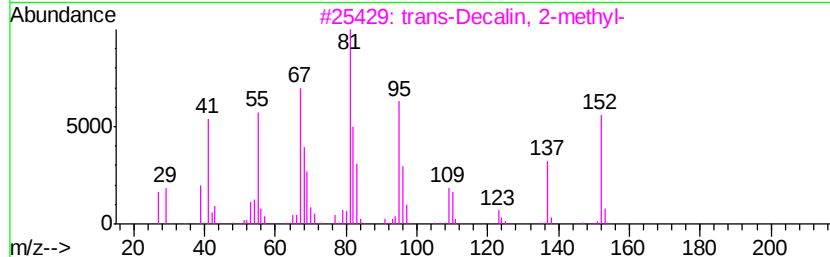
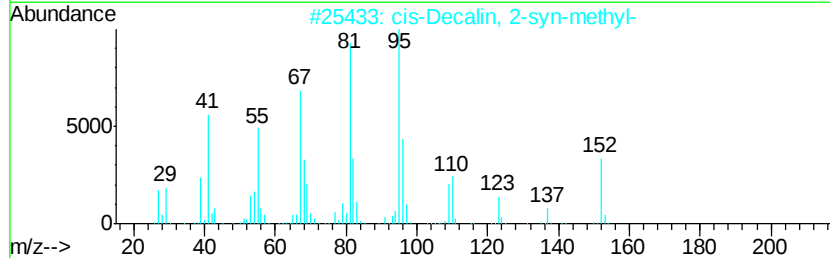
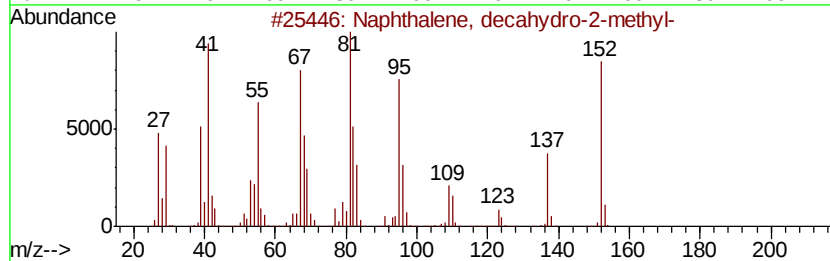
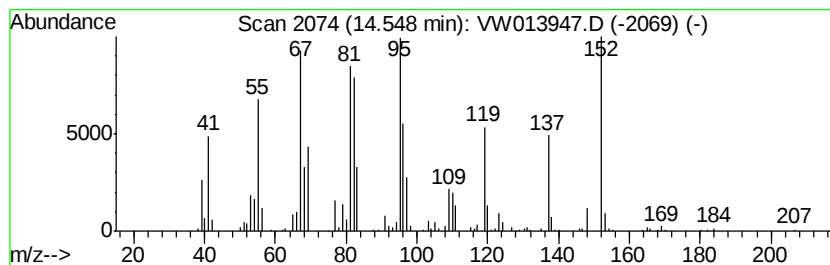
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	16.69 ug/l	346857	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
4		Cyclododecene, (Z)-	166	C12H22	001129-89-1	49
5		4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110819\
Data File : VW013947.D
Acq On : 08 Nov 2019 16:20
Operator : SY/VA
Sample : K5742-08
Misc : 8.19G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

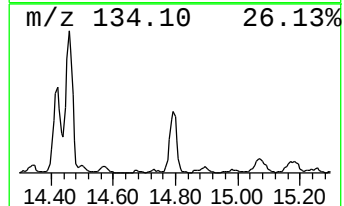
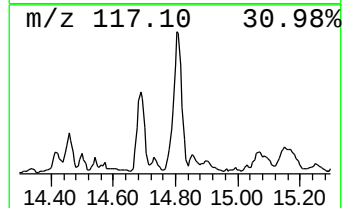
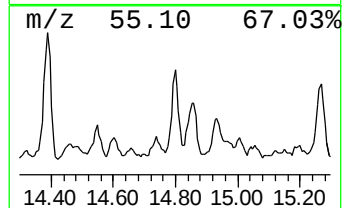
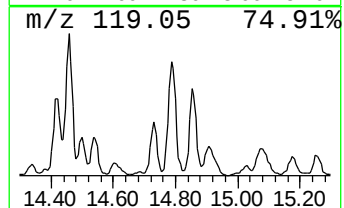
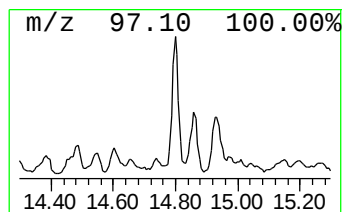
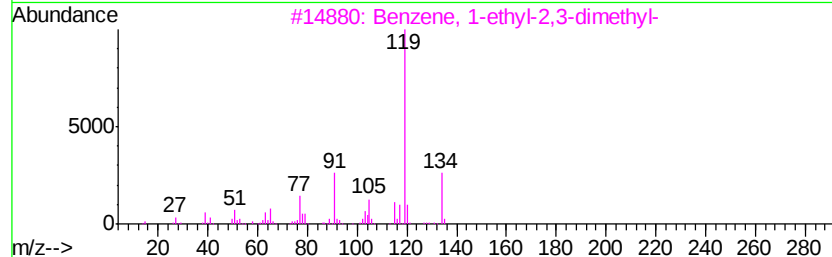
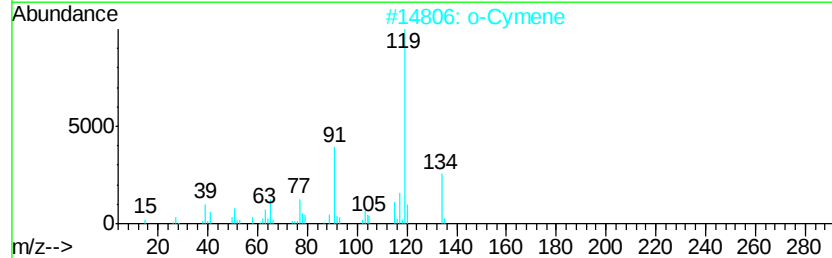
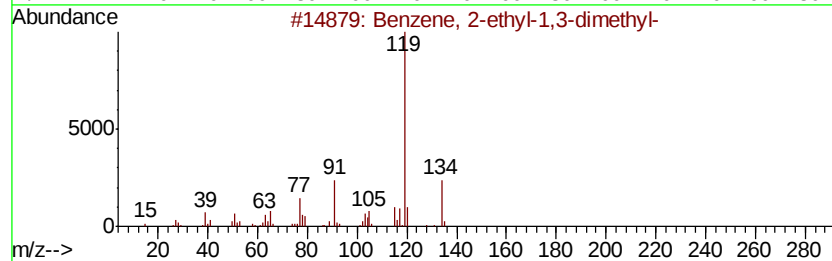
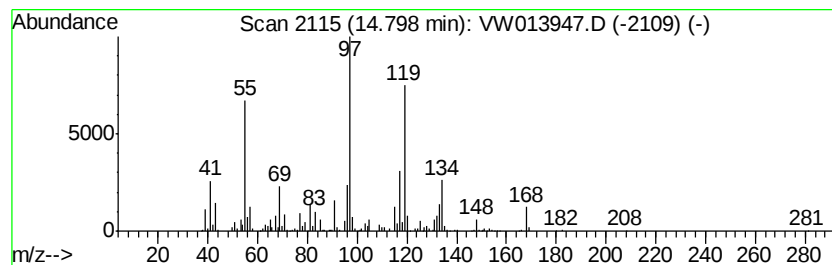
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	26.40 ug/l	548529	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42
2		o-Cymene	134	C10H14	000527-84-4	42
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	42
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110819\
Data File : VW013947.D
Acq On : 08 Nov 2019 16:20
Operator : SY/VA
Sample : K5742-08
Misc : 8.19G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

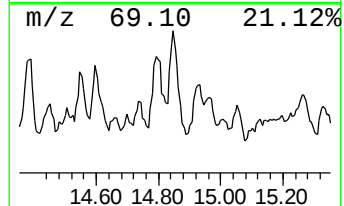
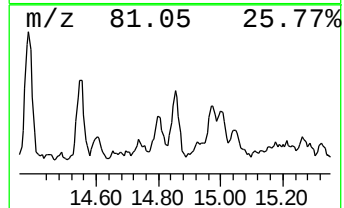
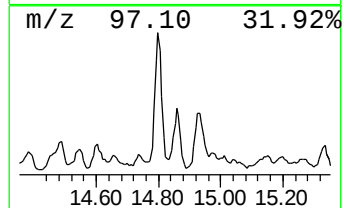
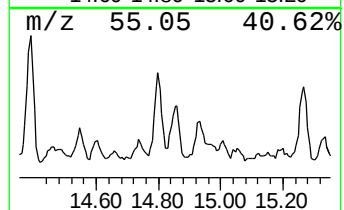
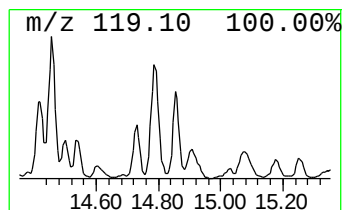
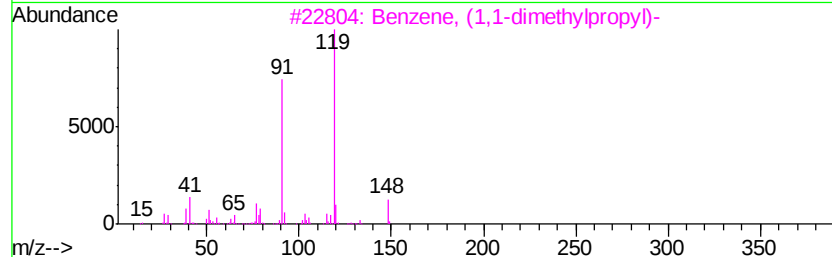
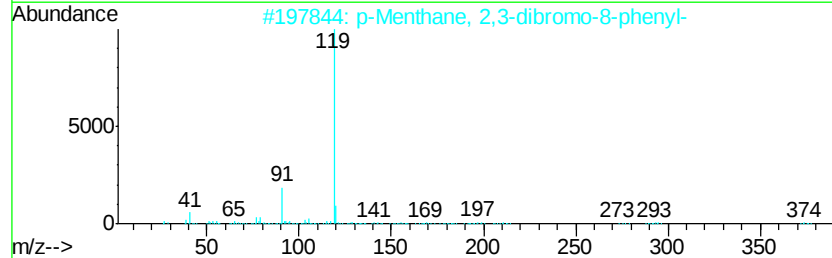
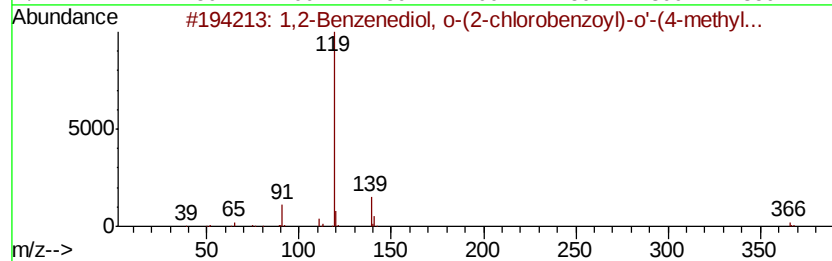
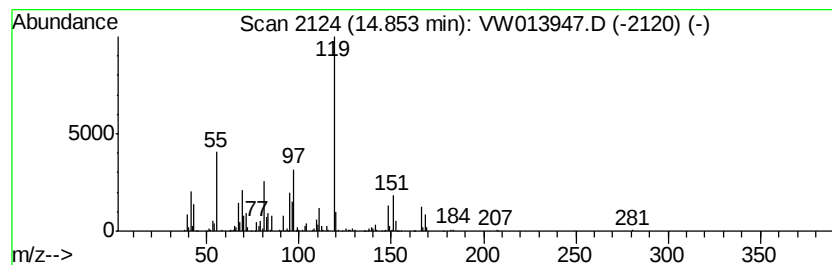
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.85 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	17.81 ug/l	370146	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenediol, o-(2-chlorobenz...	366	C21H15ClO4	1000325-98-8	38
2		p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	38
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	37
4		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	37
5		m-Toluic acid, 6-ethyl-3-octyl e...	276	C18H28O2	1000293-33-3	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110819\
Data File : VW013947.D
Acq On : 08 Nov 2019 16:20
Operator : SY/VA
Sample : K5742-08
Misc : 8.19G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

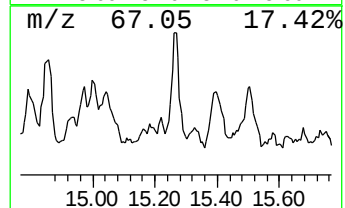
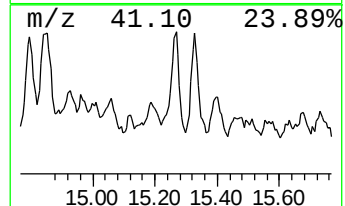
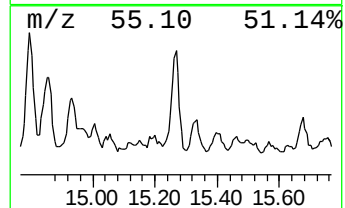
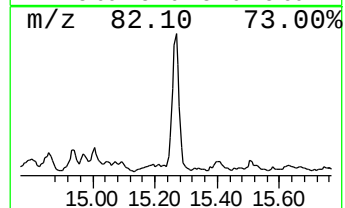
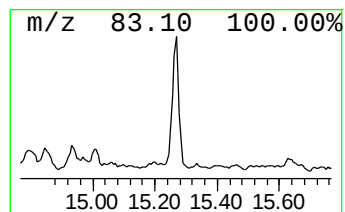
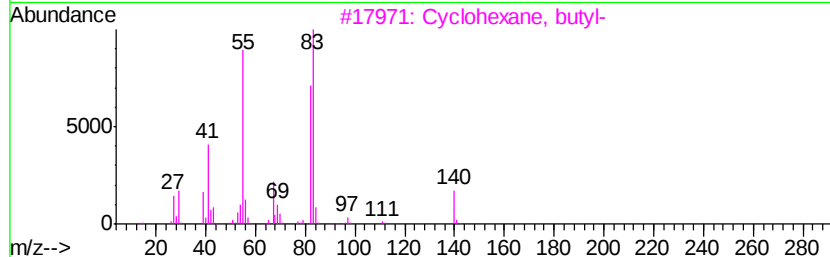
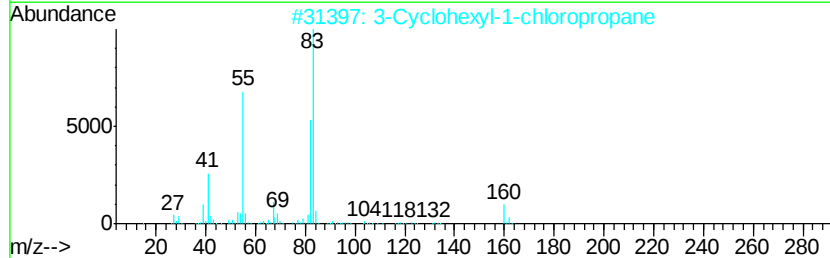
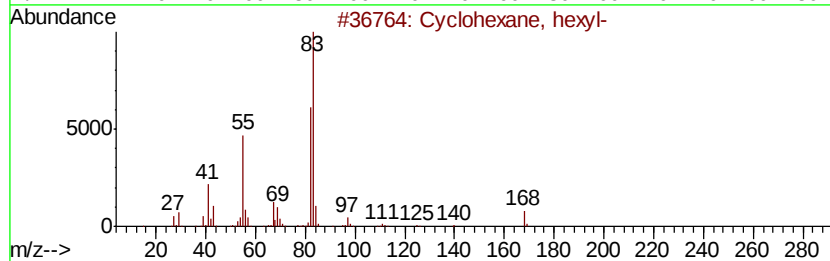
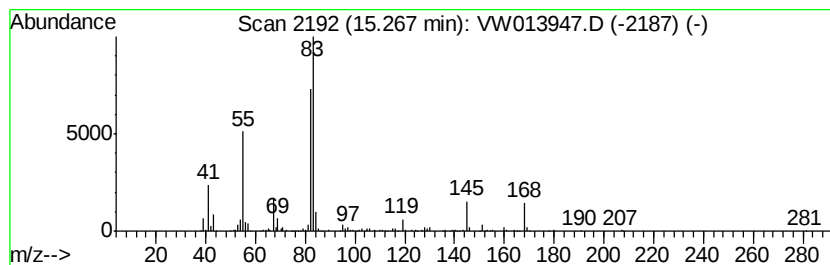
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	16.33 ug/l	339372	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	86
2		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110819\
Data File : VW013947.D
Acq On : 08 Nov 2019 16:20
Operator : SY/VA
Sample : K5742-08
Misc : 8.19G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

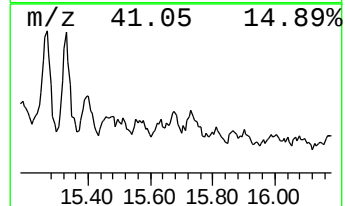
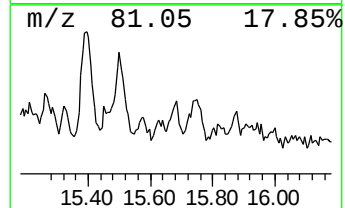
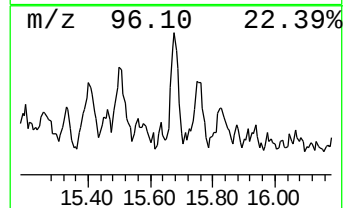
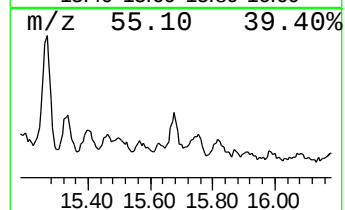
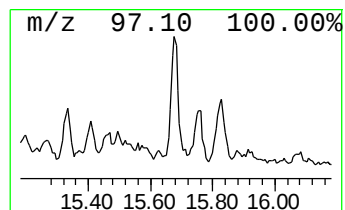
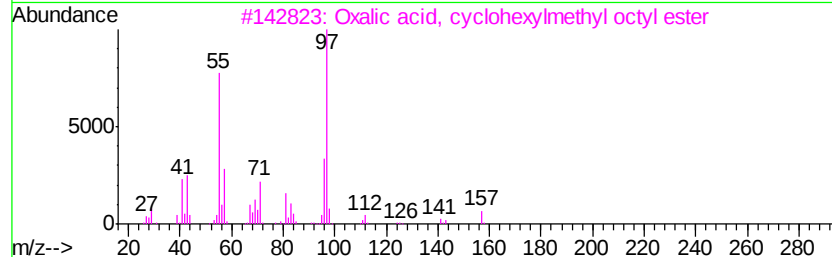
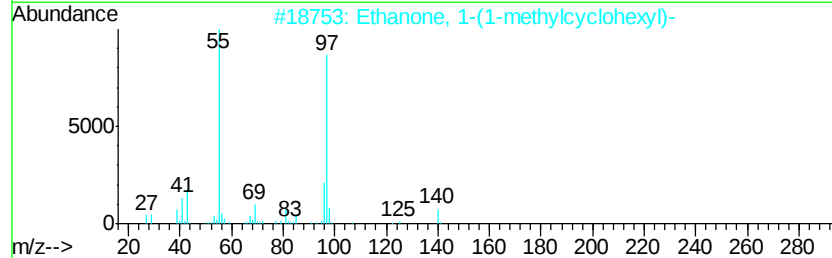
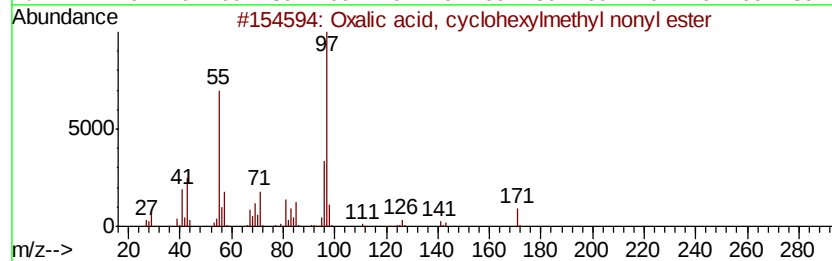
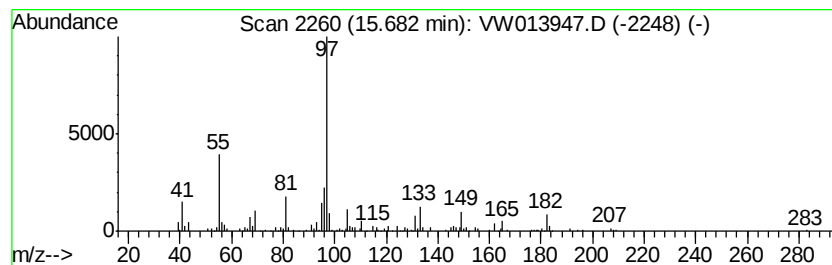
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Quant Title : SW846 8260

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

Peak Number 9 Oxalic acid, cyclohexylmeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	11.56 ug/l	240177	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cvclohexvlmethvl no...	312	C18H32O4	1000309-68-6	50
2		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
3		Oxalic acid, cvclohexvlmethvl oc...	298	C17H30O4	1000309-68-4	50
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110819\
Data File : VW013947.D
Acq On : 08 Nov 2019 16:20
Operator : SY/VA
Sample : K5742-08
Misc : 8.19G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

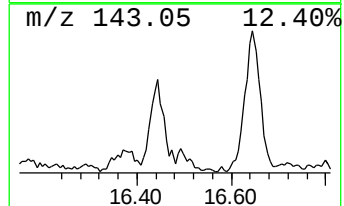
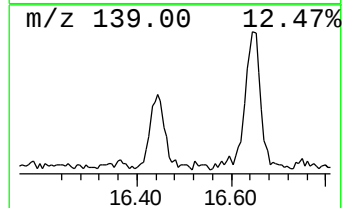
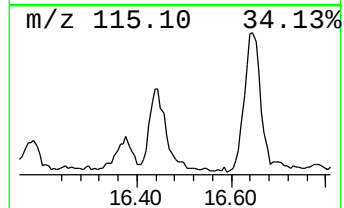
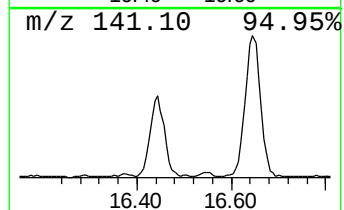
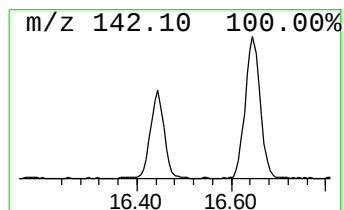
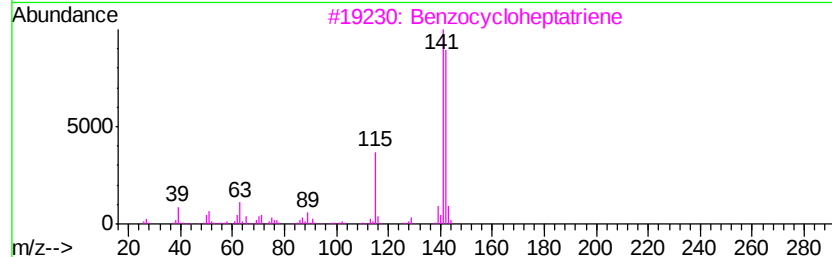
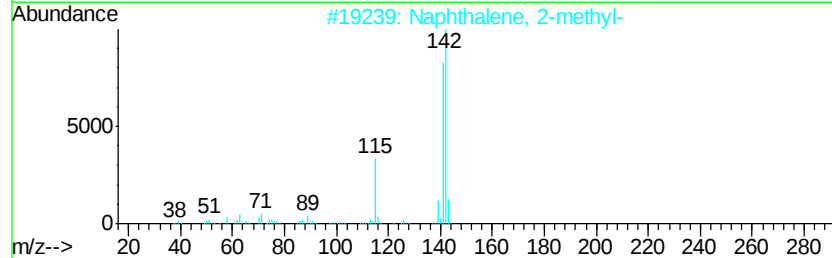
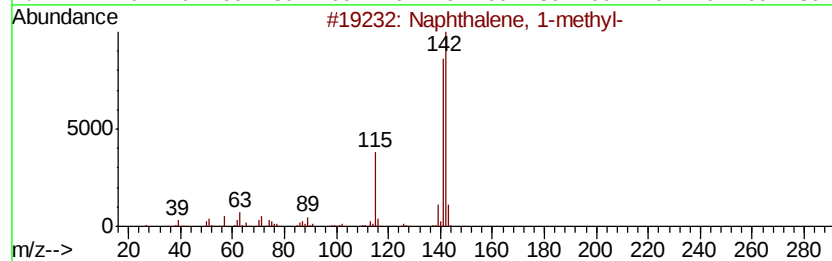
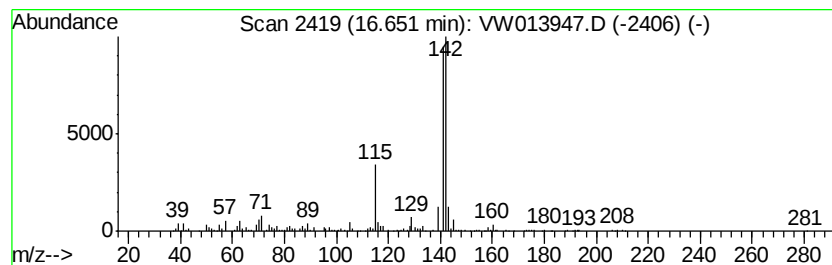
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	27.92 ug/l	580130	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	87
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	80
5		1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110819\
Data File : VW013947.D
Acq On : 08 Nov 2019 16:20
Operator : SY/VA
Sample : K5742-08
Misc : 8.19G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-26-(6-8)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.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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Naphthalene, deca...	13.88	12.0	ug/l	249789	4	13.56	1038970	50.0
Cyclohexane, pentyl-	14.39	35.8	ug/l	743866	4	13.56	1038970	50.0
Naphthalene, deca...	14.55	16.7	ug/l	346857	4	13.56	1038970	50.0
unknown14.80	14.80	26.4	ug/l	548529	4	13.56	1038970	50.0
unknown14.85	14.85	17.8	ug/l	370146	4	13.56	1038970	50.0
Cyclohexane, hexyl-	15.27	16.3	ug/l	339372	4	13.56	1038970	50.0
Oxalic acid, cycl...	15.68	11.6	ug/l	240177	4	13.56	1038970	50.0
Naphthalene, 1-me...	16.65	27.9	ug/l	580130	4	13.56	1038970	50.0