

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003471.D
 Acq On : 23 Jun 2018 19:54
 Operator : SY/AP
 Sample : J3664-14
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-23-25-180619

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\82W061318S.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	1.807	27	36	57	rBV	13604977	33215214	100.00%	15.915%
2	7.952	1038	1044	1053	rVB	293007	651297	1.96%	0.312%
3	8.848	1181	1191	1206	rBV	435499	856834	2.58%	0.411%
4	9.336	1255	1271	1278	rBV	256807	653017	1.97%	0.313%
5	10.330	1426	1434	1439	rBV	708570	1392816	4.19%	0.667%
6	10.671	1484	1490	1499	rVB	216946	400324	1.21%	0.192%
7	11.183	1565	1574	1578	rBV	424939	740865	2.23%	0.355%
8	11.238	1578	1583	1588	rVB	493642	842346	2.54%	0.404%
9	11.439	1611	1616	1625	rVB	306923	560405	1.69%	0.269%
10	11.665	1643	1653	1659	rBV2	1653533	3662817	11.03%	1.755%
11	11.884	1683	1689	1692	rBV	844763	1632229	4.91%	0.782%
12	12.043	1711	1715	1723	rVB2	318373	632231	1.90%	0.303%
13	12.146	1723	1732	1738	rBV3	970299	2470241	7.44%	1.184%
14	12.256	1748	1750	1754	rVB	409470	538067	1.62%	0.258%
15	12.311	1754	1759	1761	rBV2	638071	1131031	3.41%	0.542%
16	12.347	1761	1765	1770	rVV2	1477335	2574764	7.75%	1.234%
17	12.390	1770	1772	1776	rVB	514393	633212	1.91%	0.303%
18	12.512	1788	1792	1798	rVB3	275399	535385	1.61%	0.257%
19	12.567	1798	1801	1806	rVB	453421	671674	2.02%	0.322%
20	12.628	1806	1811	1816	rVB2	690297	1174155	3.53%	0.563%
21	12.707	1816	1824	1829	rBV3	1056237	2740648	8.25%	1.313%
22	12.786	1833	1837	1844	rVB2	2440986	4584090	13.80%	2.196%
23	12.872	1844	1851	1854	rBV3	1053763	2436395	7.34%	1.167%
24	12.951	1857	1864	1869	rVV4	1739865	4117125	12.40%	1.973%
25	13.000	1869	1872	1877	rVB2	856006	1284899	3.87%	0.616%
26	13.091	1883	1887	1891	rVB2	756255	1077792	3.24%	0.516%
27	13.183	1897	1902	1912	rVB4	1332130	3545301	10.67%	1.699%
28	13.274	1912	1917	1918	rBV3	530665	739157	2.23%	0.354%
29	13.305	1919	1922	1924	rBV2	265103	332870	1.00%	0.159%
30	13.390	1930	1936	1940	rVB4	1402120	3011982	9.07%	1.443%
31	13.457	1940	1947	1951	rBV3	1484488	3070694	9.24%	1.471%
32	13.664	1973	1981	1984	rBV	966693	2151446	6.48%	1.031%
33	13.731	1985	1992	2001	rVB	4036936	7222185	21.74%	3.461%
34	13.811	2001	2005	2012	rVB2	1265000	2155729	6.49%	1.033%

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35	13.890	2012	2018	2023	rBV	4384498	7431846	22.37%	3.561%
36	13.933	2023	2025	2029	rVB2	472334	560897	1.69%	0.269%
37	13.994	2029	2035	2038	rBV4	588435	1175939	3.54%	0.563%
38	14.109	2043	2054	2059	rBV	7825372	12265736	36.93%	5.877%
39	14.170	2059	2064	2067	rVV	2707942	4483099	13.50%	2.148%
40	14.219	2067	2072	2077	rVB3	7204776	12713835	38.28%	6.092%
41	14.280	2077	2082	2087	rBV2	940894	1747832	5.26%	0.837%
42	14.353	2087	2094	2098	rBV2	1921272	3729123	11.23%	1.787%
43	14.402	2098	2102	2103	rVV2	2565635	3658048	11.01%	1.753%
44	14.432	2103	2107	2115	rVB2	6015842	10274591	30.93%	4.923%
45	14.512	2115	2120	2123	rBV	1565424	2376442	7.15%	1.139%
46	14.579	2123	2131	2135	rVV3	1594740	4199267	12.64%	2.012%
47	14.652	2139	2143	2147	rVB	1285489	1848691	5.57%	0.886%
48	14.707	2147	2152	2156	rBV3	998853	1871145	5.63%	0.897%
49	14.749	2156	2159	2163	rVB2	618927	857547	2.58%	0.411%
50	14.804	2163	2168	2175	rBV3	8086636	15866758	47.77%	7.603%
51	14.871	2175	2179	2185	rVB2	1401810	2116395	6.37%	1.014%
52	15.042	2199	2207	2209	rBV3	865244	1846292	5.56%	0.885%
53	15.079	2209	2213	2216	rVV2	1800775	3129372	9.42%	1.499%
54	15.121	2216	2220	2226	rVV3	1575869	3711585	11.17%	1.778%
55	15.182	2226	2230	2237	rVB4	2054361	4452455	13.40%	2.133%
56	15.286	2241	2247	2251	rBV2	893310	1588907	4.78%	0.761%
57	15.335	2251	2255	2264	rVB3	890684	1729954	5.21%	0.829%
58	15.426	2264	2270	2274	rBV5	250304	577909	1.74%	0.277%
59	15.481	2274	2279	2284	rBV	658616	1227518	3.70%	0.588%
60	15.670	2302	2310	2316	rBV4	303464	777107	2.34%	0.372%
61	15.749	2317	2323	2328	rVV3	346222	721040	2.17%	0.345%
62	15.835	2331	2337	2341	rVV2	344800	877083	2.64%	0.420%
63	15.877	2341	2344	2349	rVB2	235025	392297	1.18%	0.188%
64	15.969	2354	2359	2364	rVB2	343377	668834	2.01%	0.320%
65	16.188	2386	2395	2405	rBV4	363179	1017753	3.06%	0.488%
66	16.499	2435	2446	2457	rVB5	548459	1591038	4.79%	0.762%
67	16.658	2465	2472	2481	rVB	1646943	3776915	11.37%	1.810%

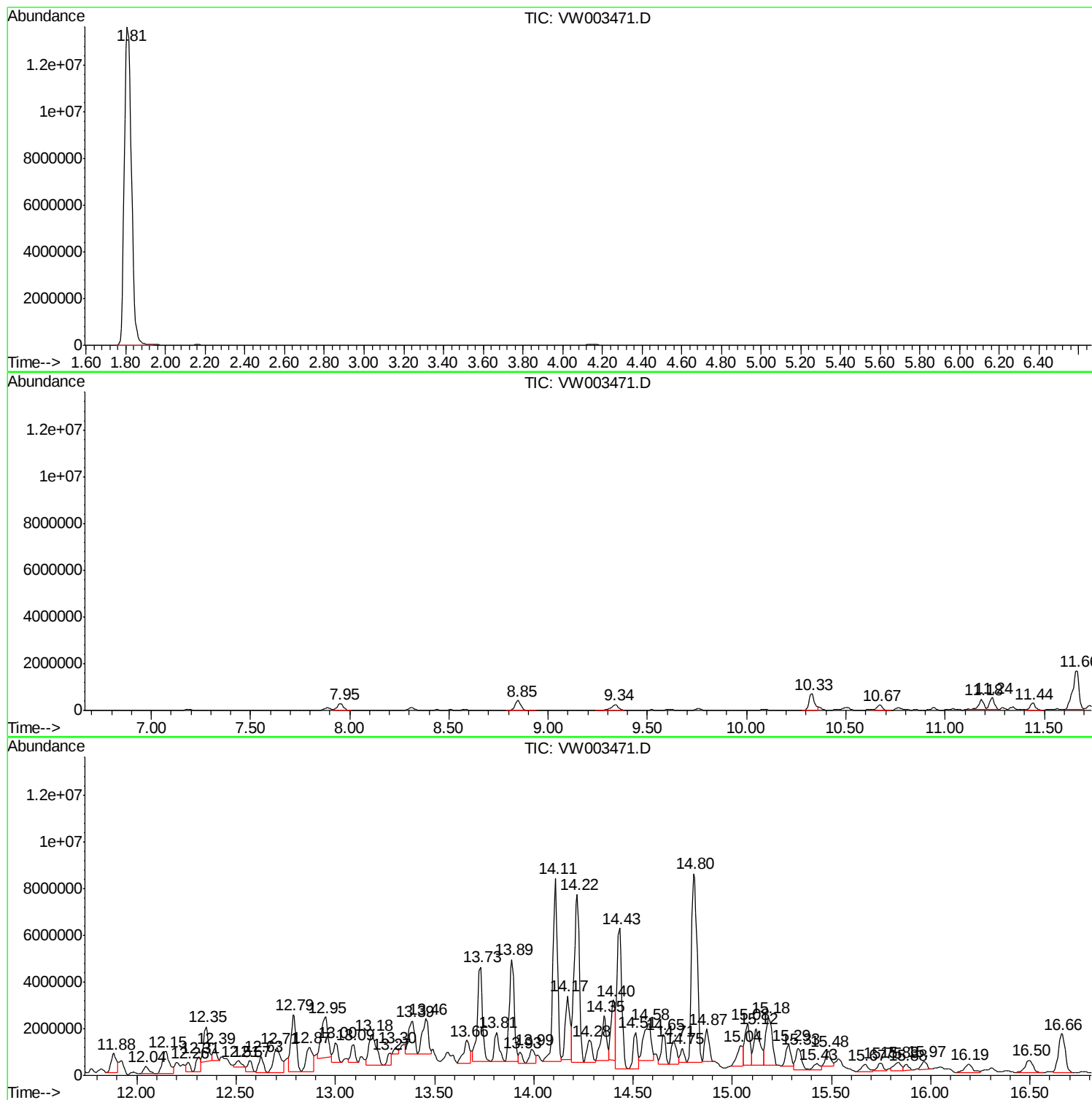
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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



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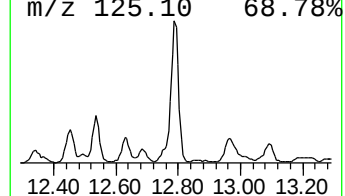
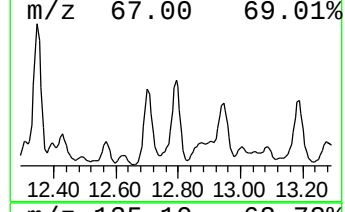
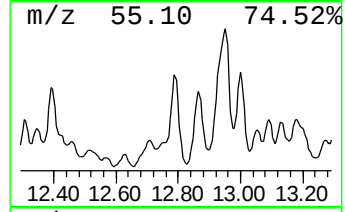
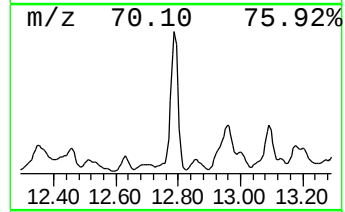
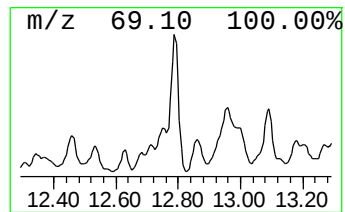
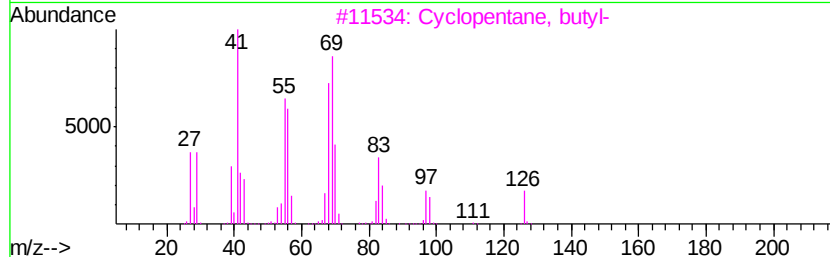
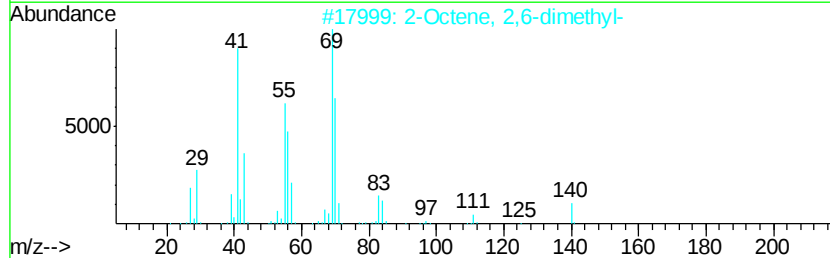
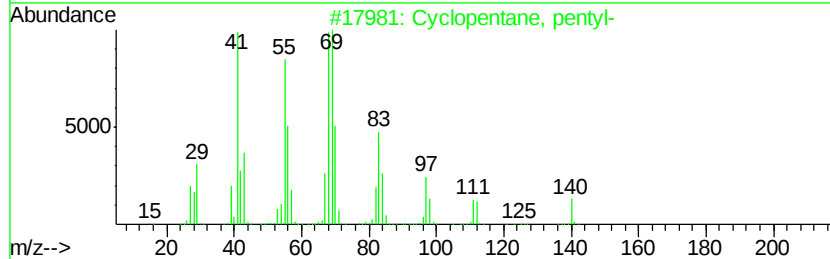
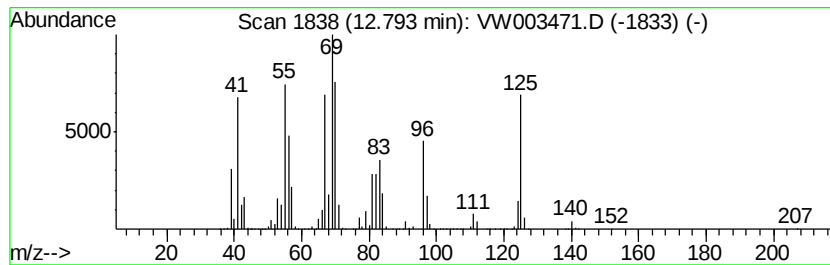
Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	106.54 ug/l	4584090	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, pentyl-	140 C10H20	003741-00-2 58
2		2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5 53
3		Cyclopentane, butyl-	126 C9H18	002040-95-1 47
4		cis-1-Butyl-2-methylcyclopropane	112 C8H16	038851-69-3 41
5		trans-1-Butyl-2-methylcyclopropane	112 C8H16	038851-70-6 41



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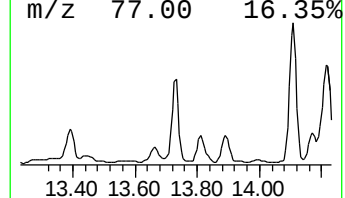
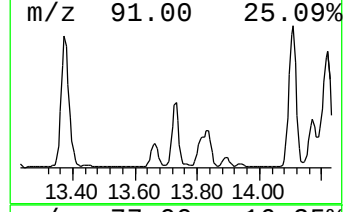
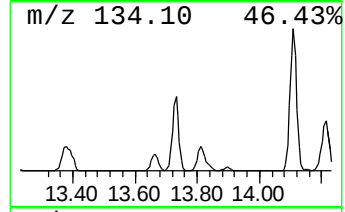
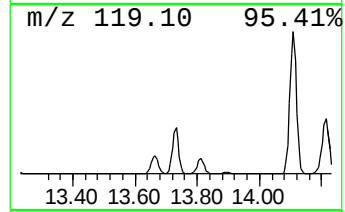
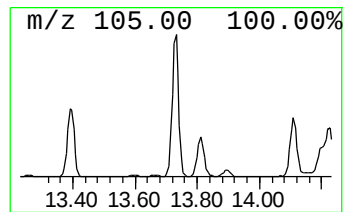
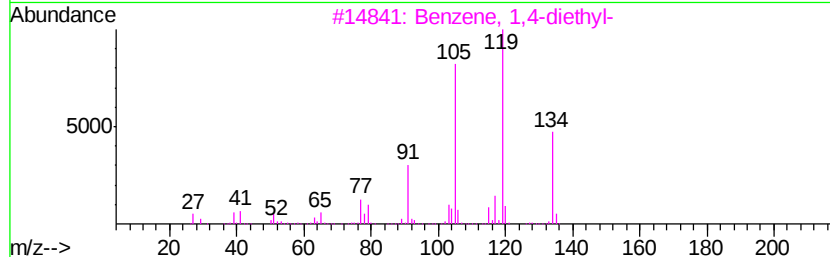
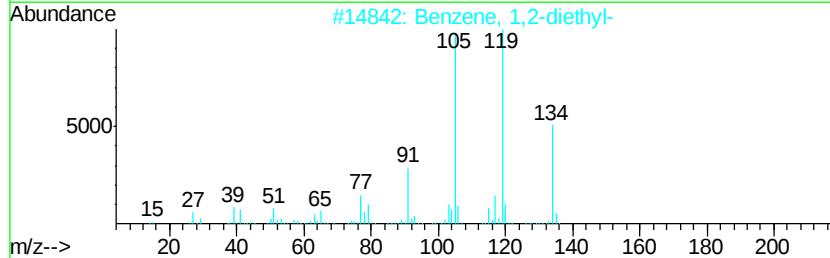
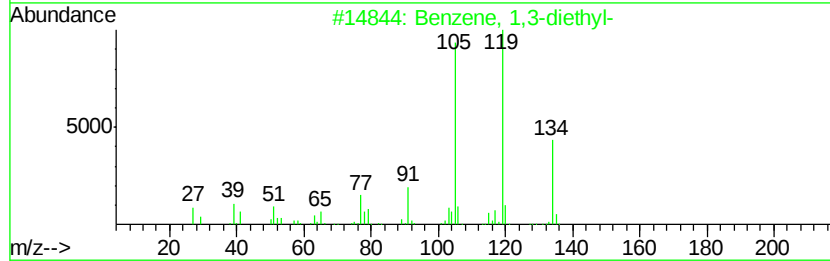
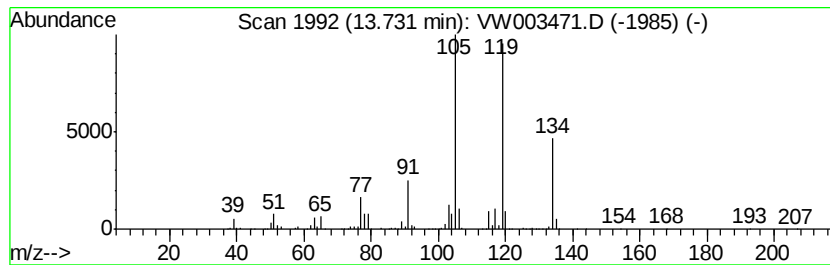
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	167.85 ug/l	7222190	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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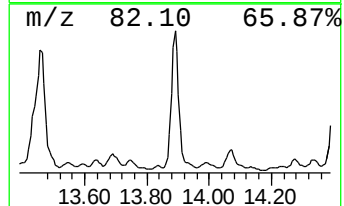
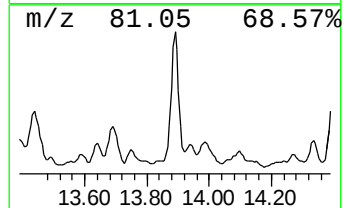
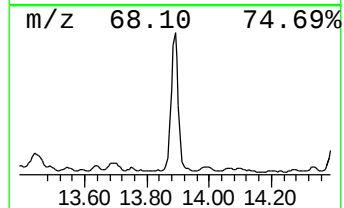
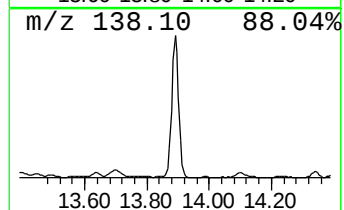
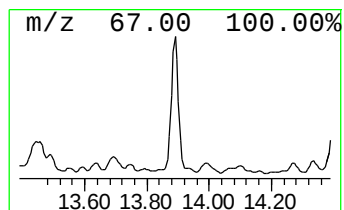
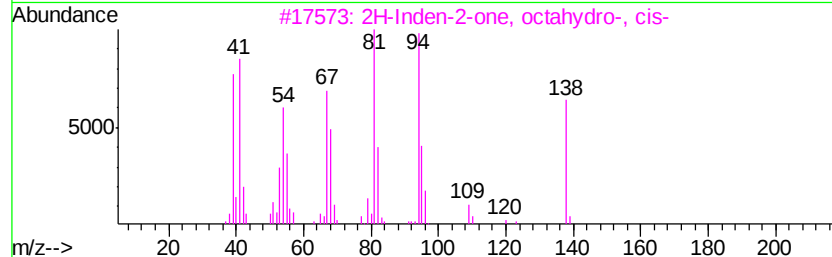
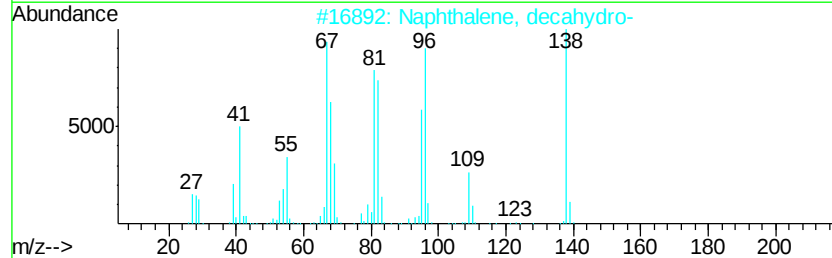
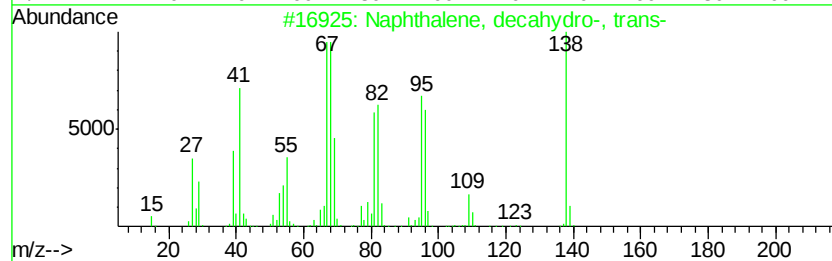
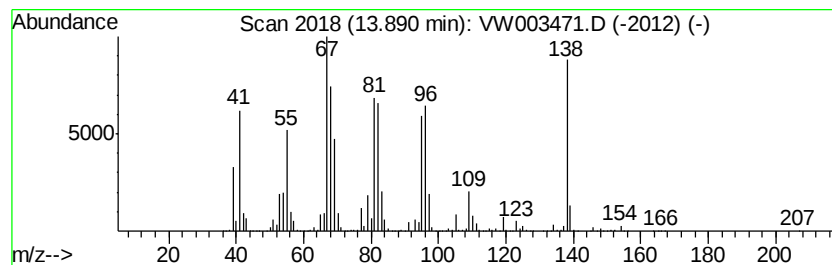
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Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	172.72 ug/l	7431850	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3		2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5		Spiro[4.5]decane	138	C10H18	000176-63-6	76



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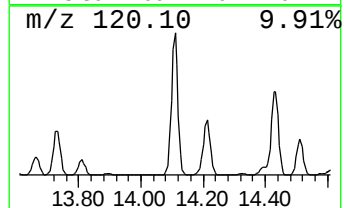
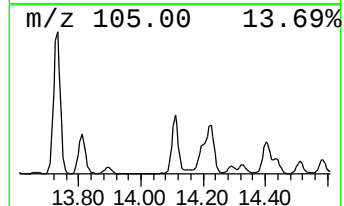
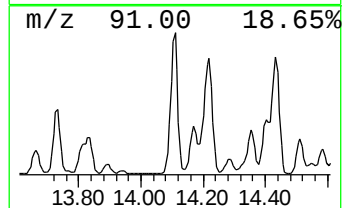
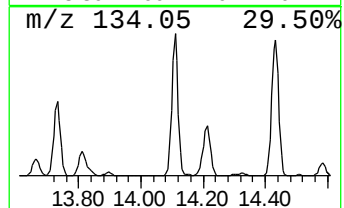
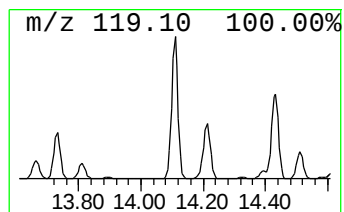
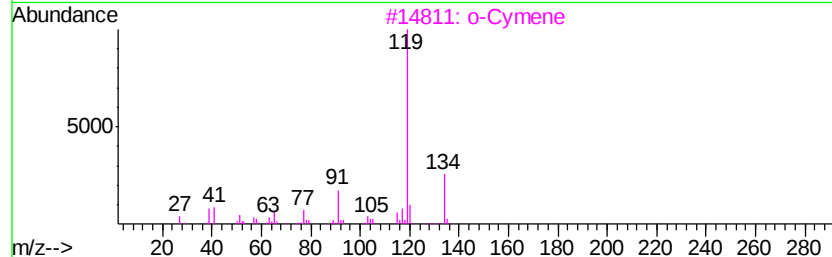
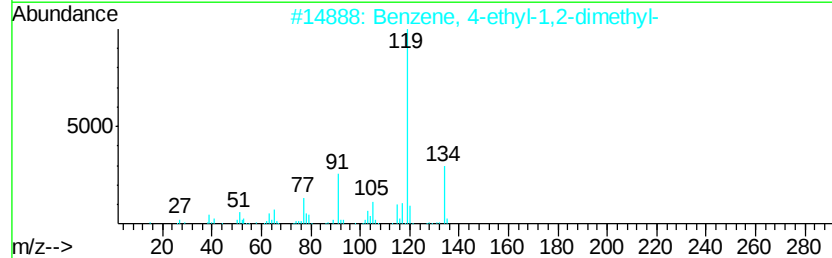
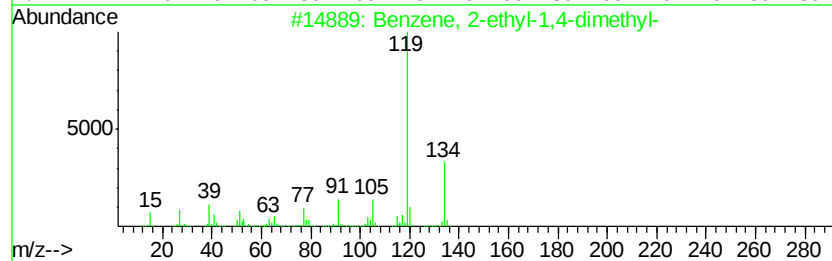
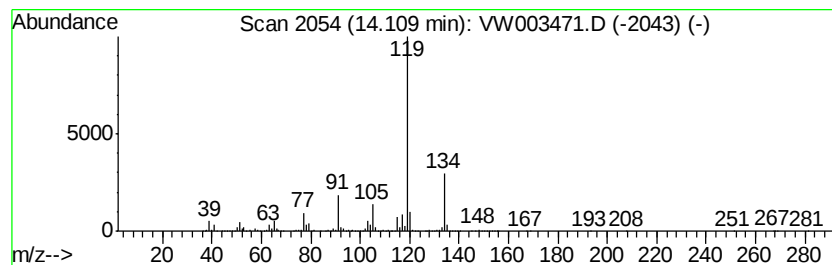
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Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	285.06 ug/l	12265700	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003471.D
Acq On : 23 Jun 2018 19:54
Operator : SY/AP
Sample : J3664-14
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

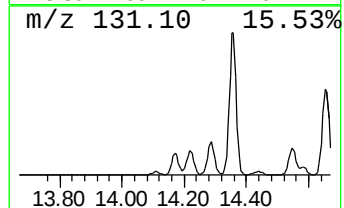
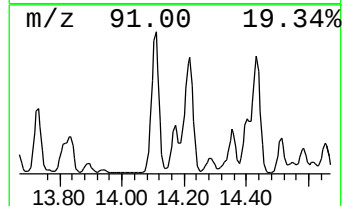
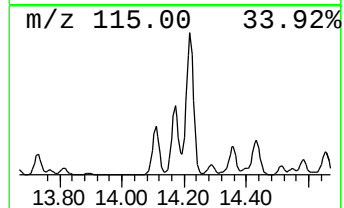
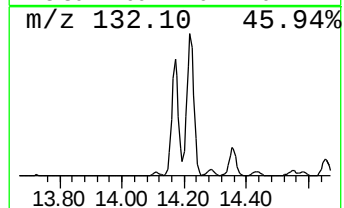
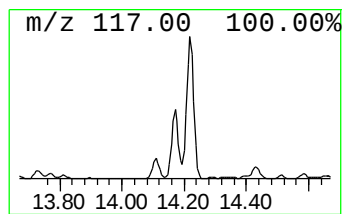
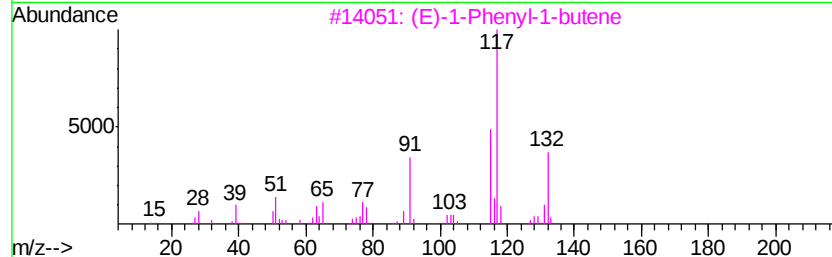
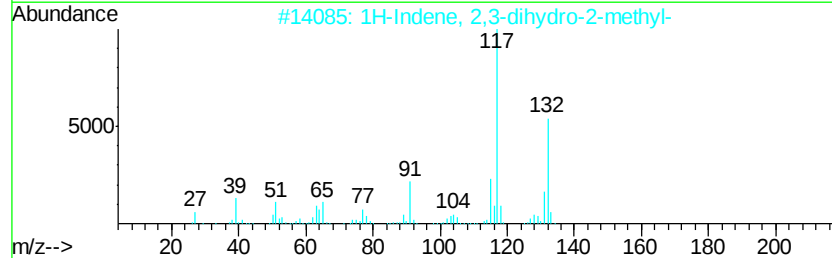
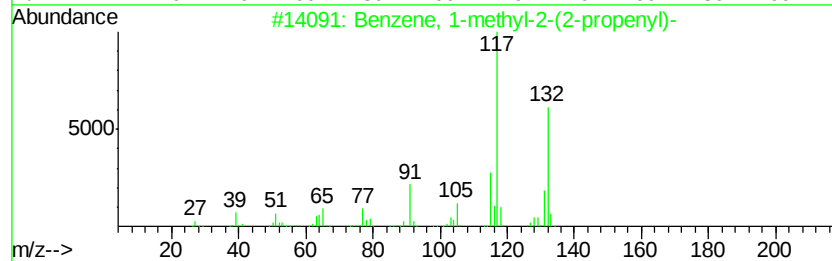
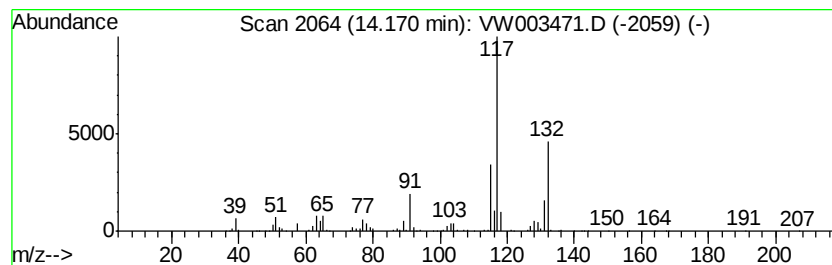
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	104.19 ug/l	4483100	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
2		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	93
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003471.D
Acq On : 23 Jun 2018 19:54
Operator : SY/AP
Sample : J3664-14
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

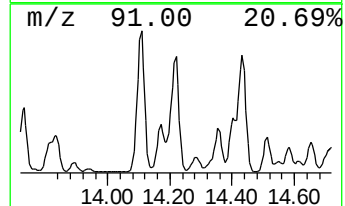
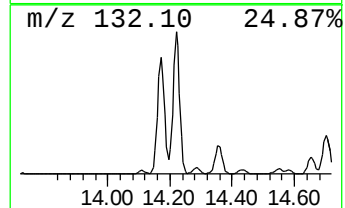
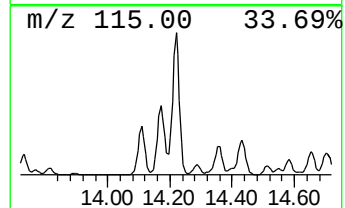
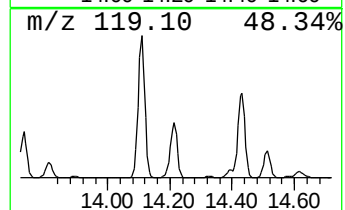
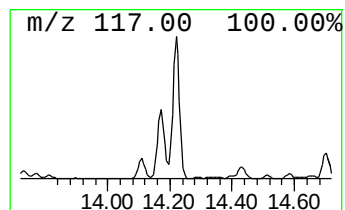
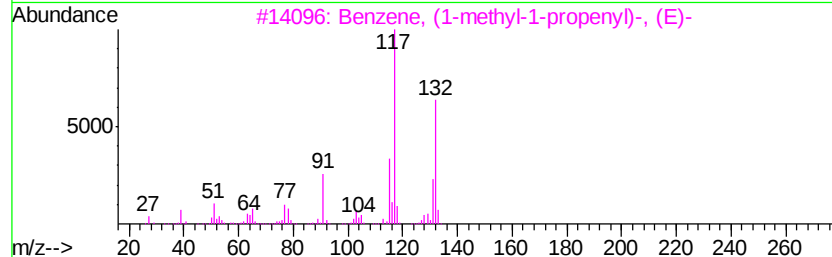
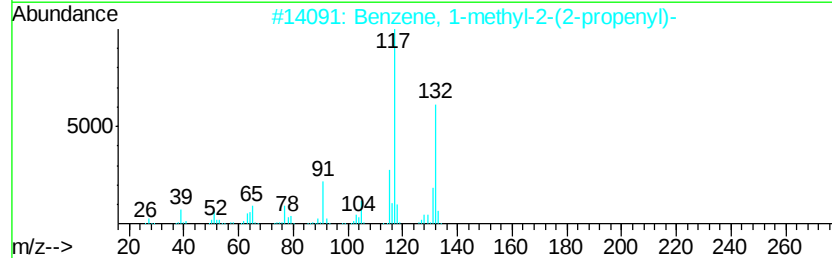
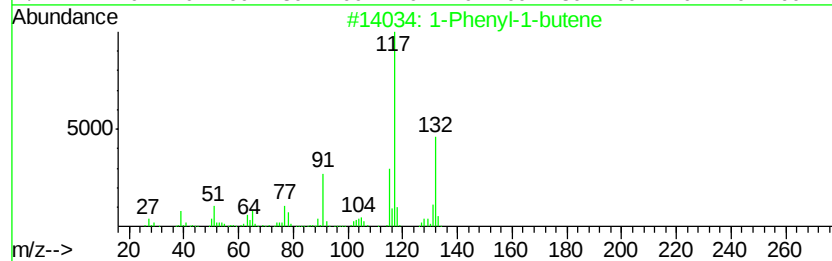
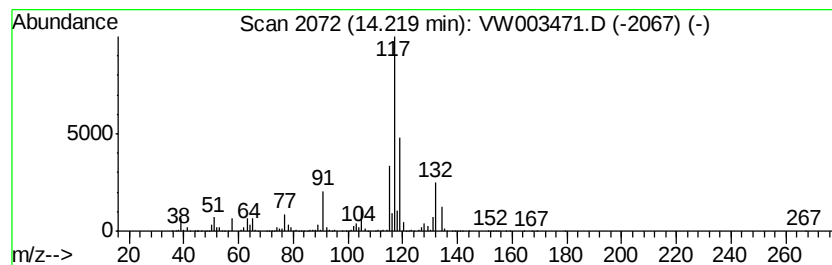
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 7 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	295.47 ug/l	12713800	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003471.D
Acq On : 23 Jun 2018 19:54
Operator : SY/AP
Sample : J3664-14
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

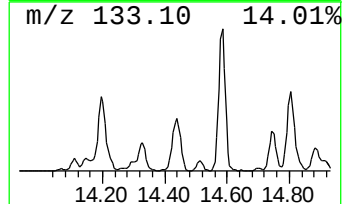
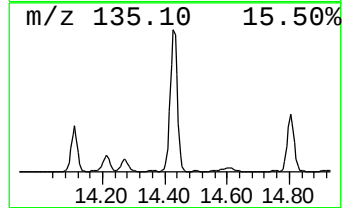
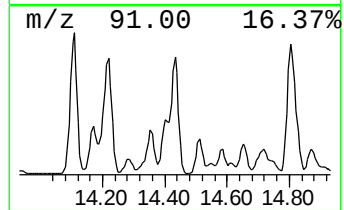
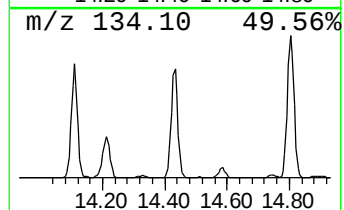
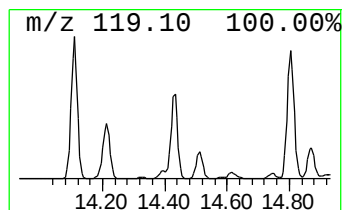
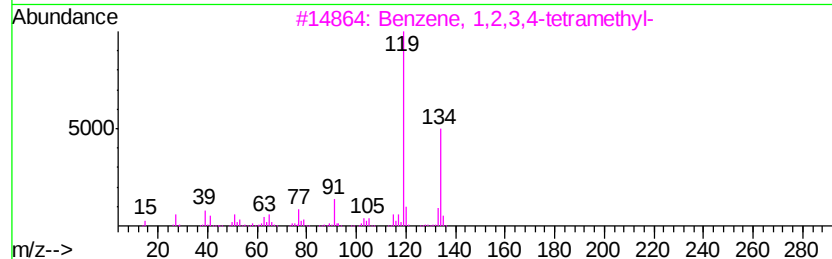
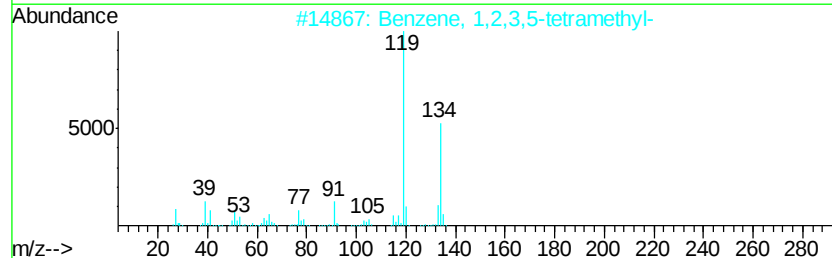
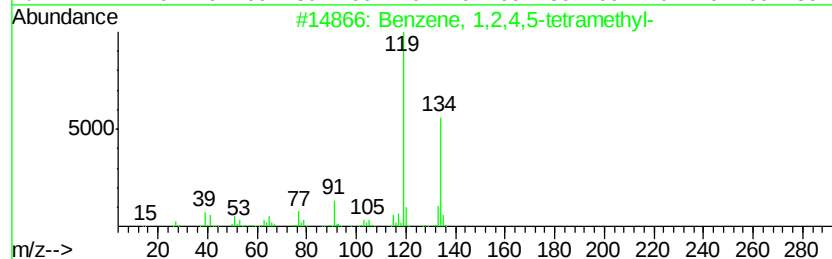
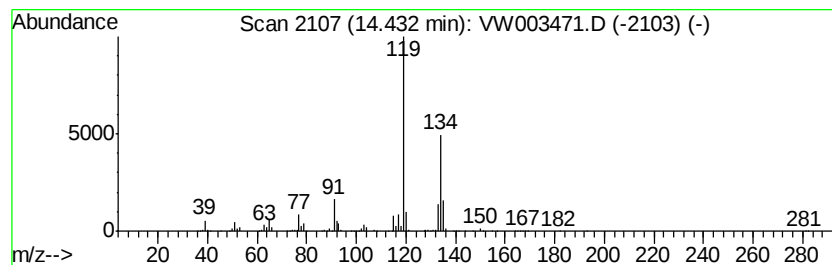
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	238.78 ug/l	10274600	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003471.D
Acq On : 23 Jun 2018 19:54
Operator : SY/AP
Sample : J3664-14
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

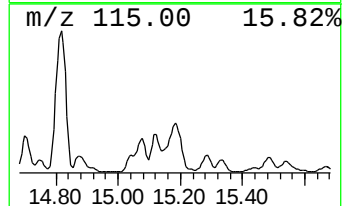
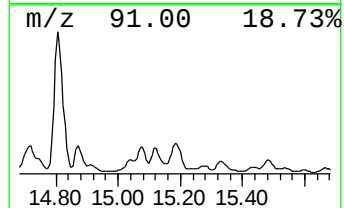
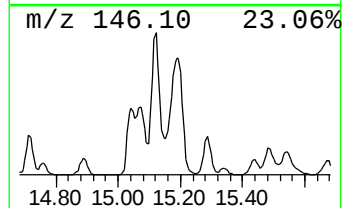
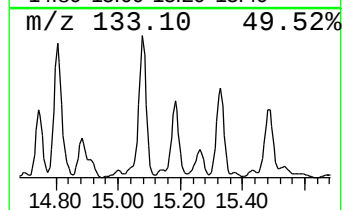
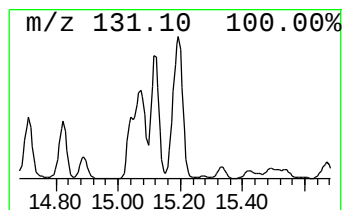
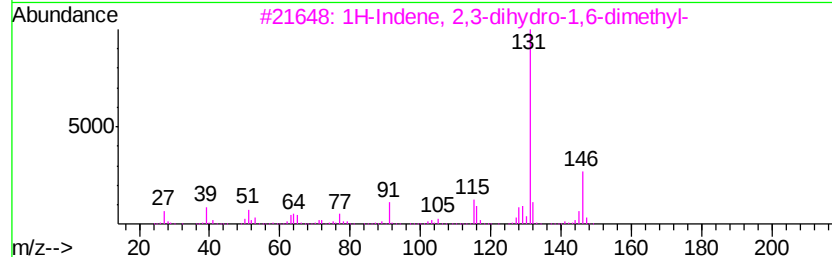
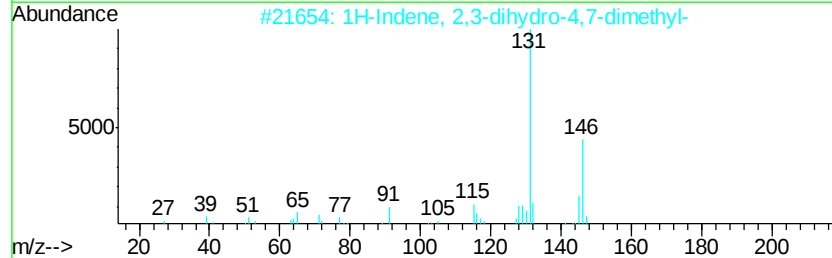
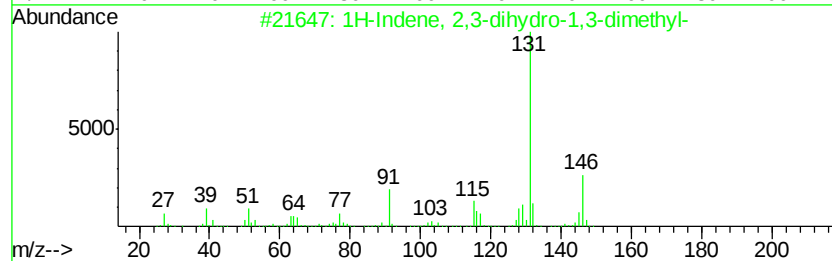
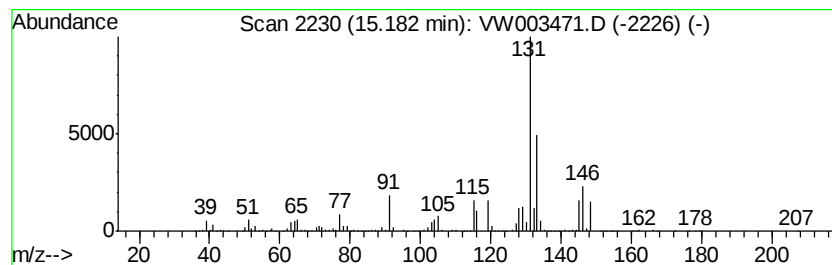
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	103.48 ug/l	4452460	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003471.D
Acq On : 23 Jun 2018 19:54
Operator : SY/AP
Sample : J3664-14
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-23-25-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.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
Cyclopentane, pen...	12.79	106.5	ug/l	4584090	4	13.57	2151450	50.0
Benzene, 1,3-diet...	13.73	167.8	ug/l	7222190	4	13.57	2151450	50.0
Naphthalene, deca...	13.89	172.7	ug/l	7431850	4	13.57	2151450	50.0
Benzene, 2-ethyl-...	14.11	285.1	ug/l	12265700	4	13.57	2151450	50.0
Benzene, 1-methyl...	14.17	104.2	ug/l	4483100	4	13.57	2151450	50.0
1-Phenyl-1-butene	14.22	295.5	ug/l	12713800	4	13.57	2151450	50.0
Benzene, 1,2,4,5-...	14.43	238.8	ug/l	10274600	4	13.57	2151450	50.0
1H-Indene, 2,3-di...	15.18	103.5	ug/l	4452460	4	13.57	2151450	50.0