

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007549.D
 Acq On : 14 Feb 2019 16:48
 Operator : JC/SP
 Sample : K1460-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20190207

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_X\METHOD\82X020119W.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	1.617	66	76	79	rBV3	33222	73713	1.24%	0.131%
2	1.794	100	105	111	rBV	141477	197363	3.32%	0.350%
3	2.007	135	140	145	rBV2	50359	78508	1.32%	0.139%
4	2.269	178	183	190	rBV	43582	71362	1.20%	0.126%
5	2.849	270	278	280	rBV2	51124	105288	1.77%	0.187%
6	2.891	281	285	289	rVV	96886	202896	3.41%	0.360%
7	2.934	289	292	303	rVV2	76406	159038	2.67%	0.282%
8	3.062	303	313	324	rVV	177201	411840	6.92%	0.730%
9	3.178	324	332	348	rVB4	117876	452183	7.60%	0.801%
10	3.812	431	436	442	rBV3	36986	84189	1.41%	0.149%
11	3.928	449	455	463	rVB2	26755	68643	1.15%	0.122%
12	4.190	491	498	506	rBV2	31004	81979	1.38%	0.145%
13	4.403	524	533	542	rVB2	82556	236433	3.97%	0.419%
14	5.293	671	679	691	rVB6	16333	67943	1.14%	0.120%
15	5.501	702	713	722	rBV2	299356	894744	15.03%	1.586%
16	5.580	722	726	731	rVV2	71075	198080	3.33%	0.351%
17	5.665	731	740	765	rVB	490717	1589182	26.70%	2.817%
18	5.927	774	783	797	rVB5	40839	128218	2.15%	0.227%
19	6.067	797	806	814	rBV2	294448	768687	12.92%	1.362%
20	6.147	814	819	829	rVV3	52378	139083	2.34%	0.247%
21	6.256	829	837	843	rVV4	42058	135515	2.28%	0.240%
22	6.354	844	853	863	rVV5	106398	380336	6.39%	0.674%
23	6.458	863	870	881	rVB5	42168	127405	2.14%	0.226%
24	6.860	925	936	945	rBV	752314	1816340	30.52%	3.219%
25	7.256	994	1001	1010	rVB3	50922	119032	2.00%	0.211%
26	7.457	1022	1034	1042	rBV5	146309	409333	6.88%	0.726%
27	7.951	1104	1115	1123	rBV8	27577	94503	1.59%	0.168%
28	8.055	1123	1132	1144	rVB2	59903	148655	2.50%	0.263%
29	8.177	1144	1152	1161	rBV2	87730	208383	3.50%	0.369%
30	8.573	1212	1217	1226	rVB4	64662	125544	2.11%	0.223%
31	8.671	1226	1233	1234	rBV3	38211	60533	1.02%	0.107%
32	8.713	1234	1240	1248	rVB	1554321	2443521	41.05%	4.331%
33	9.219	1319	1323	1334	rVB	83052	139813	2.35%	0.248%
34	9.561	1375	1379	1385	rVB4	36244	72777	1.22%	0.129%

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35	9.823	1414	1422	1427	rBV5	32572	62850	1.06%	0.111%
36	10.109	1459	1469	1475	rBV	1565425	2184042	36.70%	3.871%
37	10.359	1503	1510	1516	rVB	81246	144897	2.43%	0.257%
38	11.018	1613	1618	1626	rBV	238391	325114	5.46%	0.576%
39	11.134	1632	1637	1643	rBV	1394679	1761369	29.59%	3.122%
40	11.359	1669	1674	1682	rVB	366849	451679	7.59%	0.801%
41	11.664	1720	1724	1732	rVB	94213	128906	2.17%	0.228%
42	11.920	1760	1766	1768	rBV	219922	314242	5.28%	0.557%
43	11.944	1768	1770	1777	rVB	292840	310613	5.22%	0.551%
44	12.079	1786	1792	1796	rBV	1739067	2214602	37.21%	3.925%
45	12.231	1813	1817	1821	rVB	77180	92896	1.56%	0.165%
46	12.298	1821	1828	1835	rBV	2932819	3522569	59.18%	6.244%
47	12.365	1835	1839	1847	rBV2	609844	1085033	18.23%	1.923%
48	12.457	1850	1854	1860	rVB	381861	452932	7.61%	0.803%
49	12.524	1860	1865	1871	rBV2	170760	260424	4.38%	0.462%
50	12.585	1871	1875	1881	rVB	52570	69487	1.17%	0.123%
51	12.670	1883	1889	1892	rBV	4816345	5951835	100.00%	10.549%
52	12.700	1892	1894	1898	rVB	745634	766184	12.87%	1.358%
53	12.755	1898	1903	1910	rVB	2836303	3662343	61.53%	6.491%
54	12.816	1910	1913	1920	rVB3	52153	93430	1.57%	0.166%
55	12.896	1920	1926	1931	rVB	125946	185207	3.11%	0.328%
56	12.975	1931	1939	1944	rBV	3491179	4109416	69.04%	7.284%
57	13.078	1951	1956	1963	rVB2	384051	534419	8.98%	0.947%
58	13.170	1964	1971	1972	rBV2	160810	242071	4.07%	0.429%
59	13.194	1972	1975	1976	rVV	187428	209048	3.51%	0.371%
60	13.225	1976	1980	1989	rVB	1717996	2030927	34.12%	3.600%
61	13.316	1989	1995	1996	rBV2	287400	350160	5.88%	0.621%
62	13.347	1996	2000	2006	rVB2	2847995	4006837	67.32%	7.102%
63	13.426	2006	2013	2018	rVB2	371419	597287	10.04%	1.059%
64	13.481	2018	2022	2027	rVB	151320	193498	3.25%	0.343%
65	13.560	2029	2035	2038	rBV	254975	355725	5.98%	0.631%
66	13.597	2038	2041	2044	rVV	776240	1005095	16.89%	1.781%
67	13.633	2044	2047	2052	rVB2	808478	1127943	18.95%	1.999%
68	13.719	2058	2061	2068	rVB2	861498	1383030	23.24%	2.451%
69	13.834	2077	2080	2089	rVB2	123216	242690	4.08%	0.430%
70	13.908	2089	2092	2097	rVB2	50325	69994	1.18%	0.124%
71	13.981	2097	2104	2108	rBV2	345101	501085	8.42%	0.888%

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72	14.029	2108	2112	2116	rBV	201268	246141	4.14%	0.436%
73	14.133	2124	2129	2134	rBV	518520	647178	10.87%	1.147%
74	14.273	2147	2152	2161	rBV	408083	652970	10.97%	1.157%
75	14.377	2165	2169	2174	rVV	223181	286908	4.82%	0.509%
76	14.432	2174	2178	2182	rVB	282241	357394	6.00%	0.633%
77	14.542	2190	2196	2200	rBV3	69214	102211	1.72%	0.181%
78	14.664	2209	2216	2218	rBV2	53167	89008	1.50%	0.158%
79	14.840	2240	2245	2255	rBV	158560	254839	4.28%	0.452%
80	15.547	2356	2361	2365	rBV	43679	69616	1.17%	0.123%
81	15.688	2377	2384	2388	rBV	71721	116990	1.97%	0.207%
82	15.913	2411	2421	2431	rVB4	21448	67548	1.13%	0.120%
83	16.413	2494	2503	2512	rBV	129814	237230	3.99%	0.420%

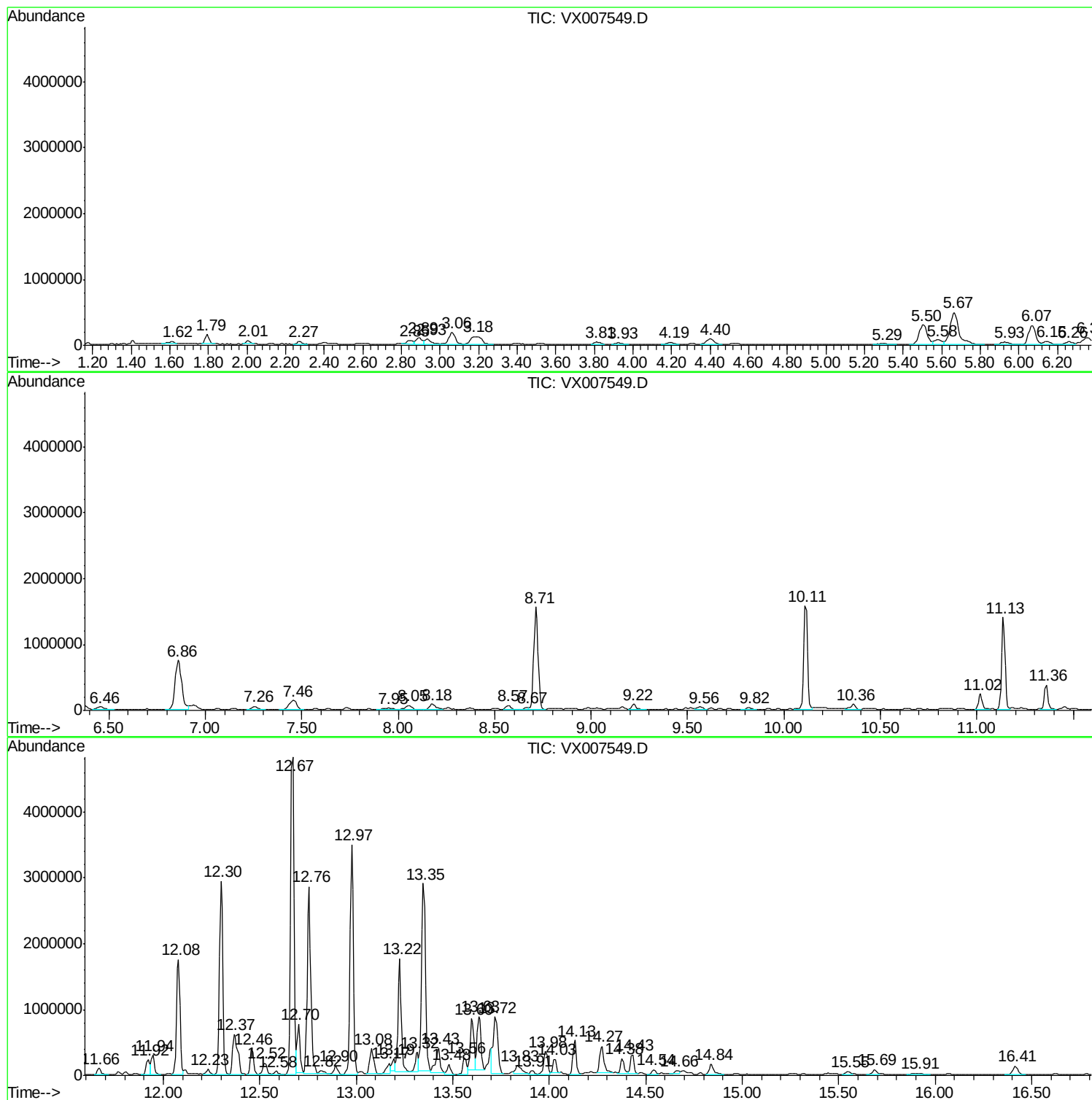
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

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



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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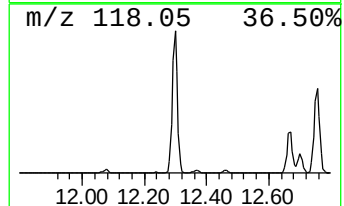
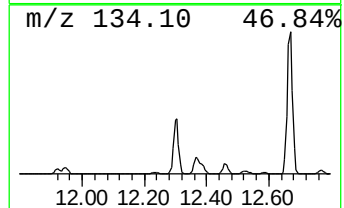
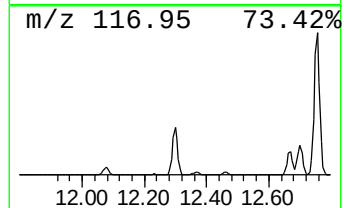
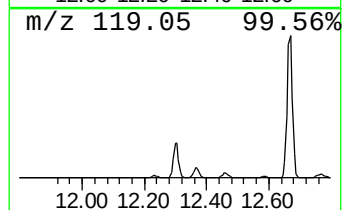
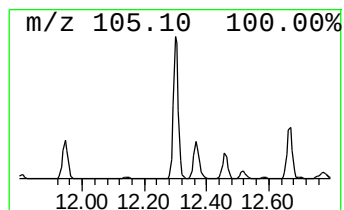
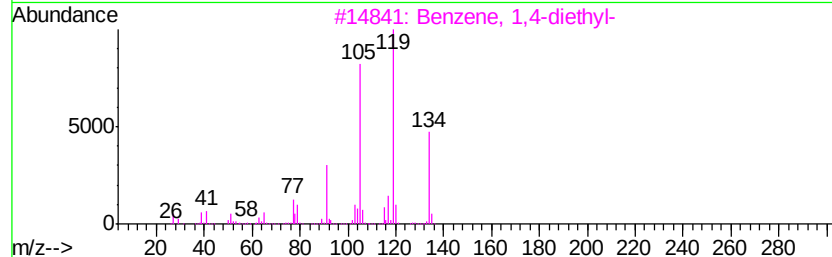
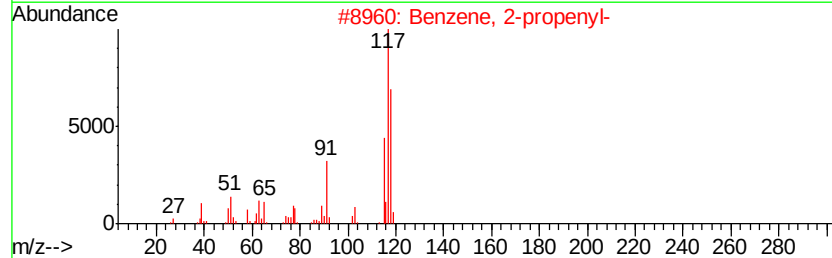
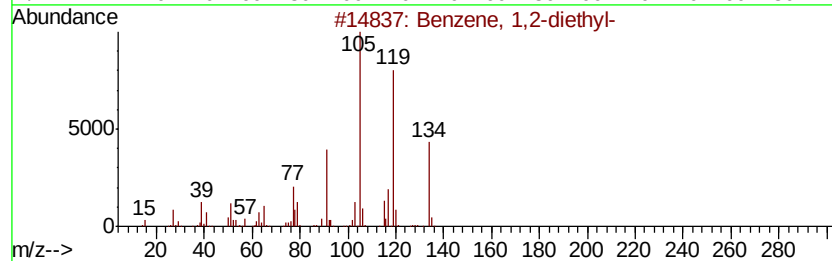
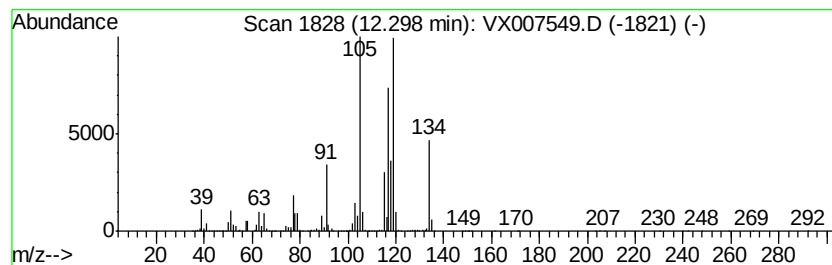
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	79.53 ug/l	3522570	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	60
5		Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	46



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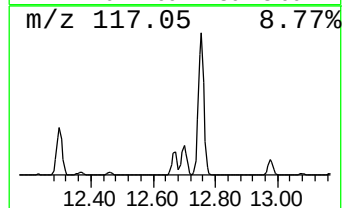
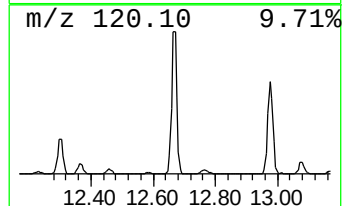
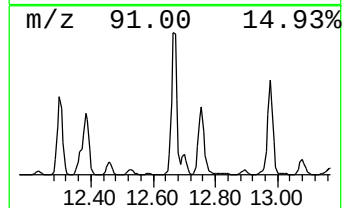
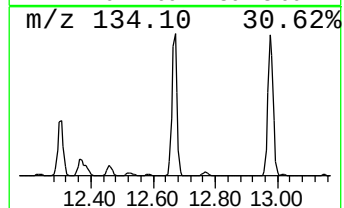
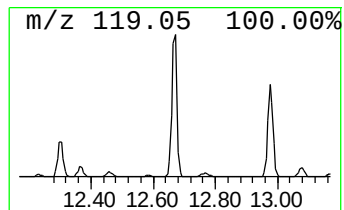
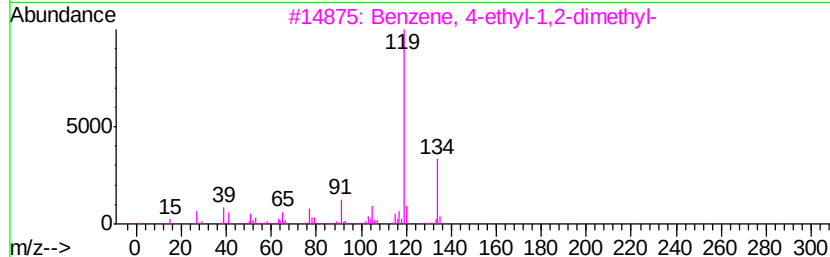
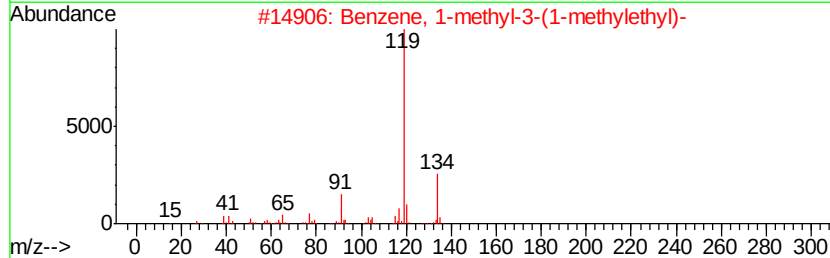
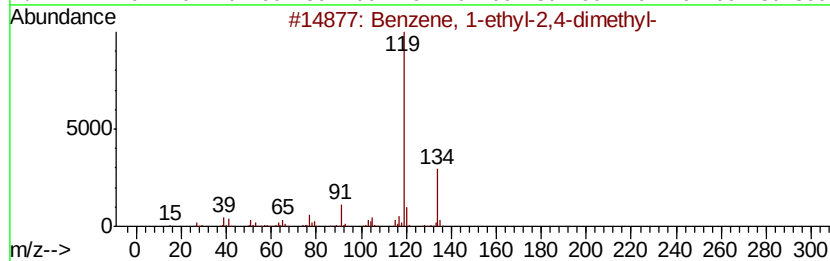
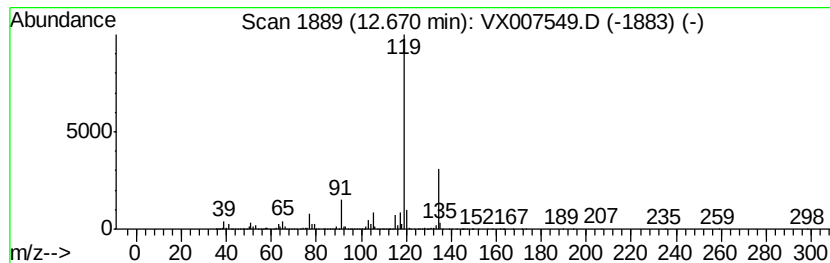
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.67	134.38 ug/l	5951840	1,4-Dichlorobenzene-d4	12.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97	
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95	
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95	
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95	
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95	



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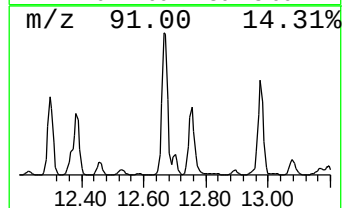
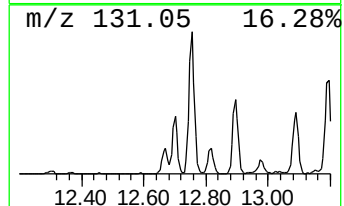
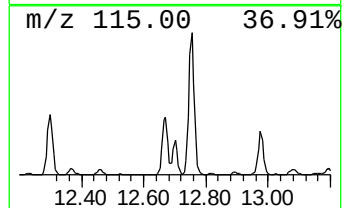
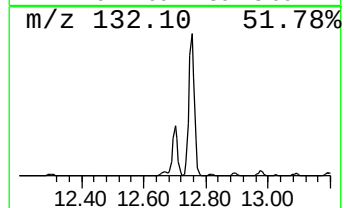
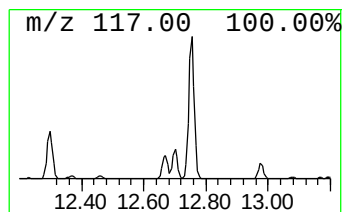
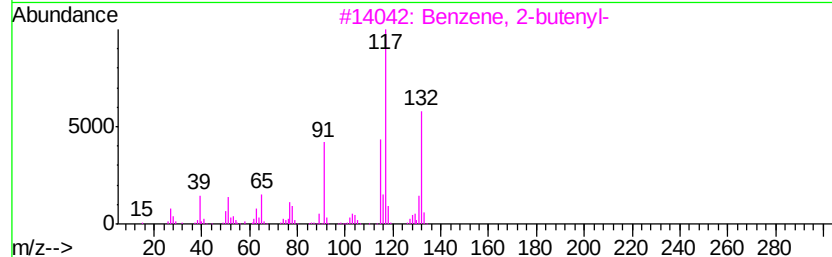
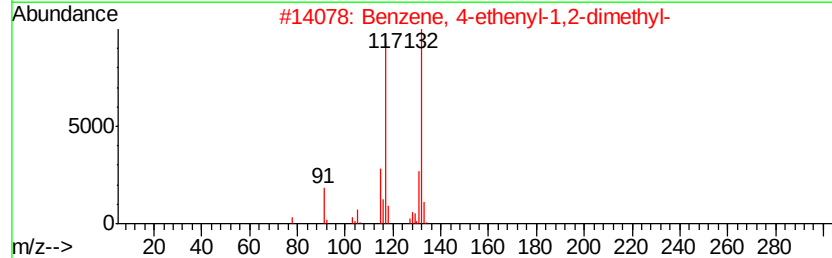
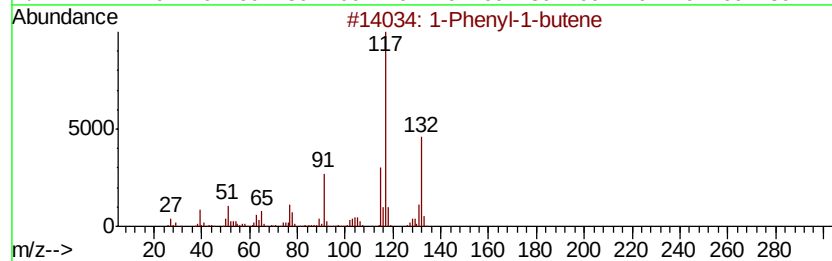
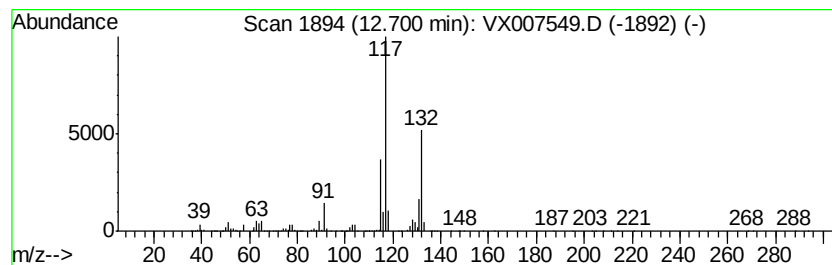
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Quant Title : SW846 8260

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

Peak Number 3 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	17.30 ug/l	766184	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90



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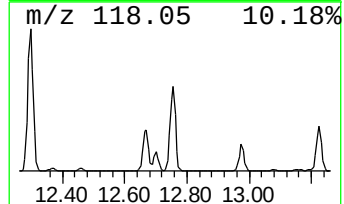
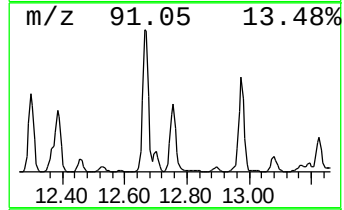
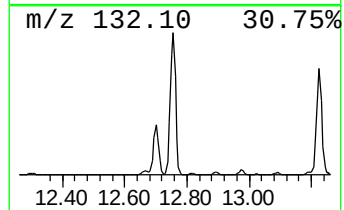
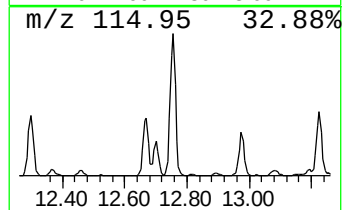
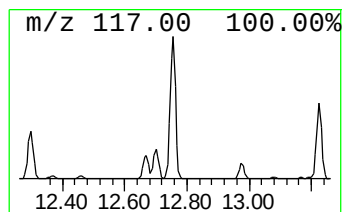
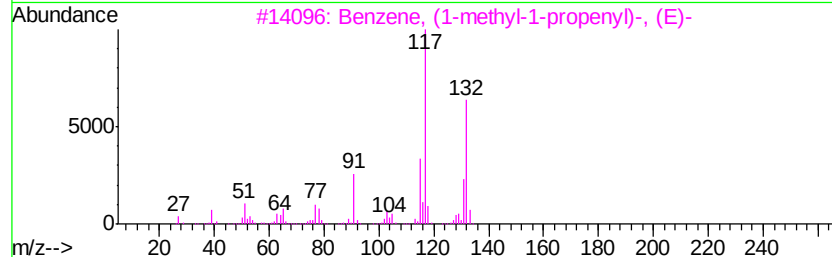
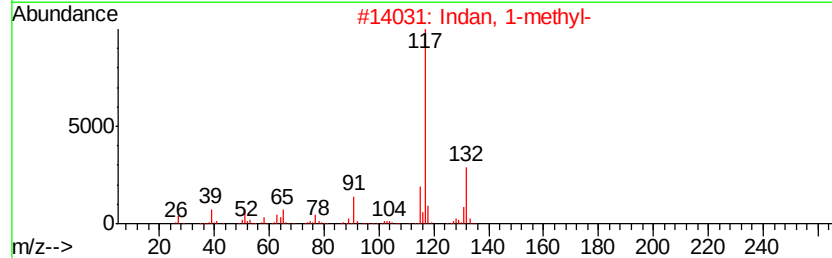
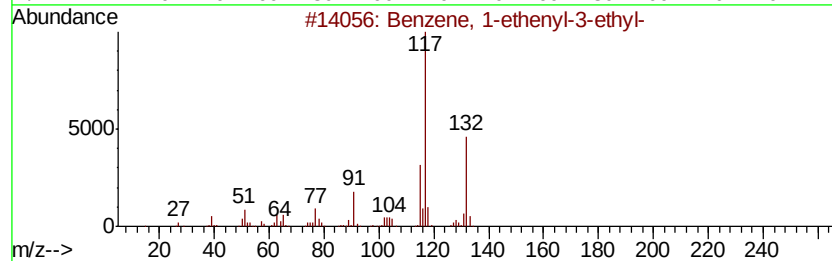
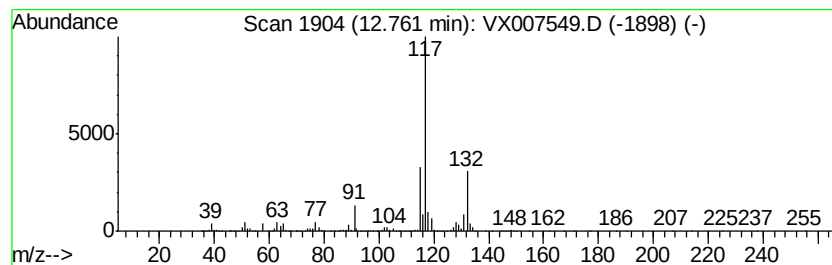
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	82.69 ug/l	3662340	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007549.D
Acq On : 14 Feb 2019 16:48
Operator : JC/SP
Sample : K1460-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

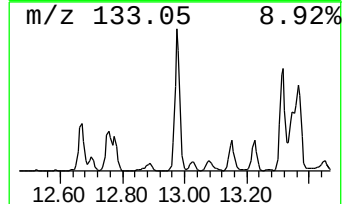
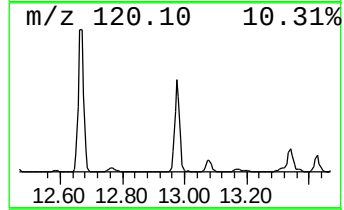
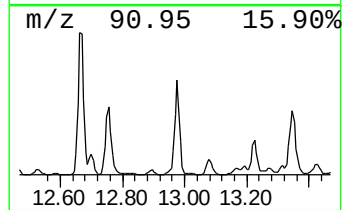
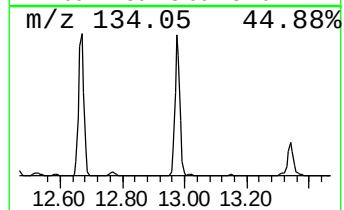
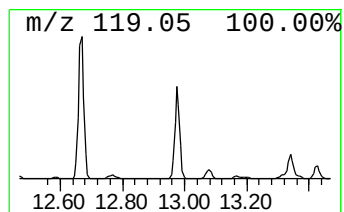
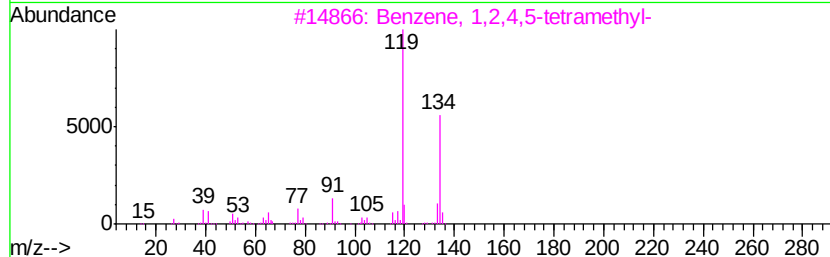
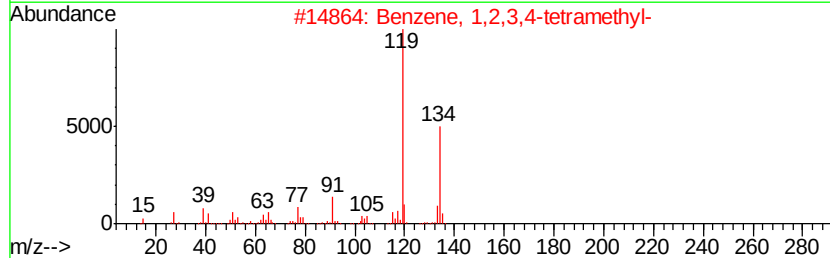
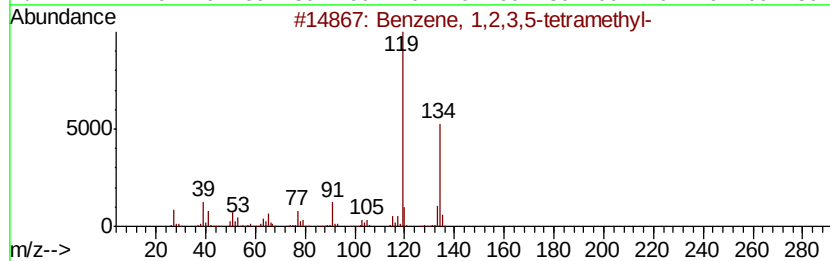
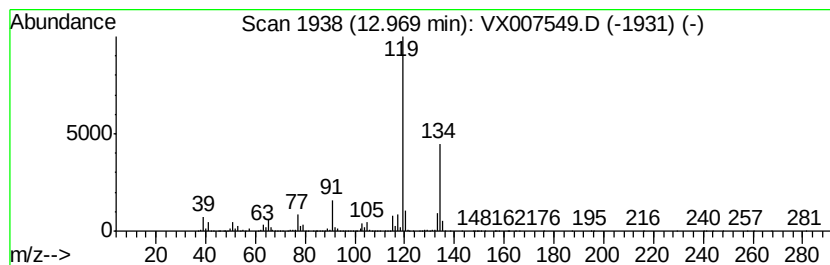
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20190207

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	92.78 ug/l	4109420	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 97
2		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 97
3		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 97
4		o-Cymene	134 C10H14	000527-84-4 95
5		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007549.D
Acq On : 14 Feb 2019 16:48
Operator : JC/SP
Sample : K1460-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-1-20190207

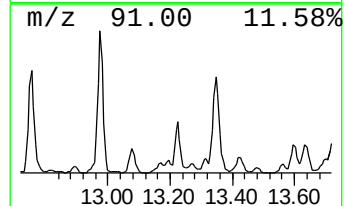
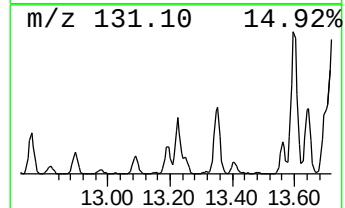
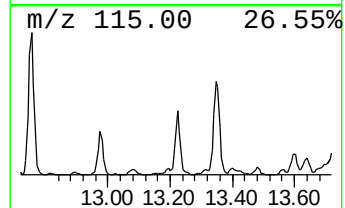
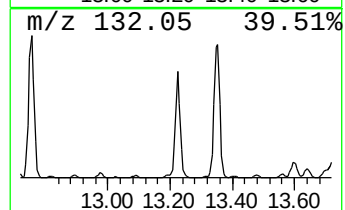
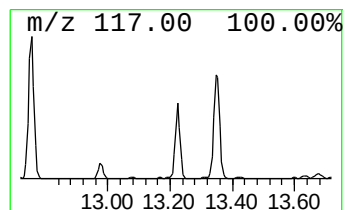
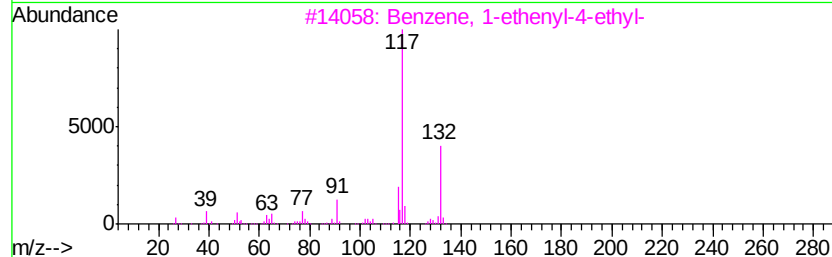
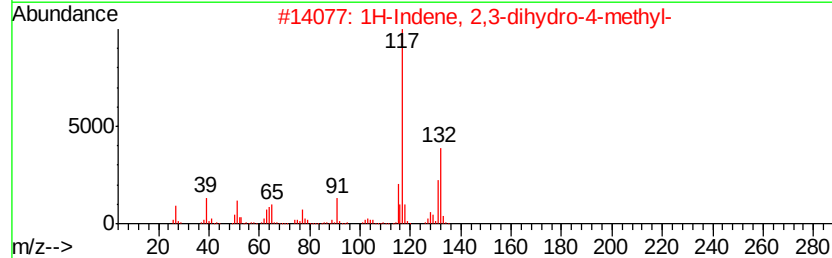
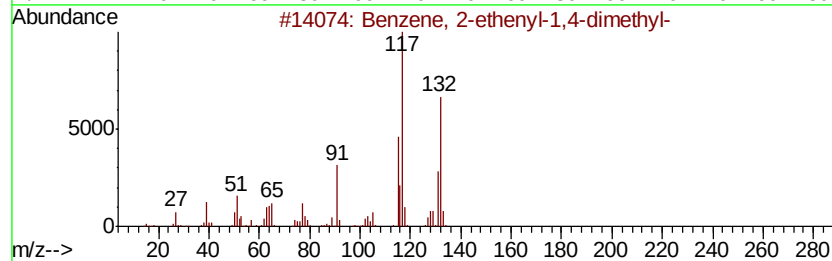
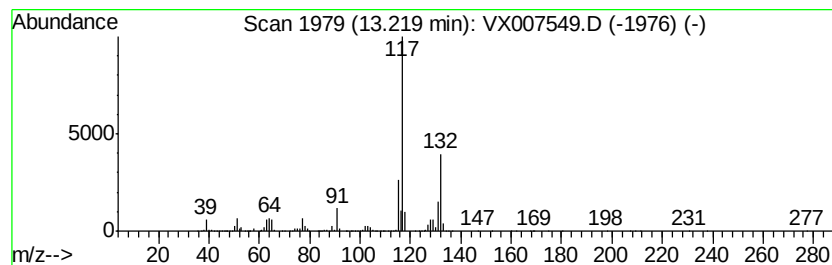
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	45.85 ug/l	2030930	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5		Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007549.D
Acq On : 14 Feb 2019 16:48
Operator : JC/SP
Sample : K1460-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

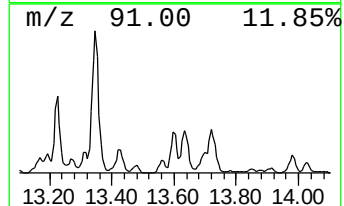
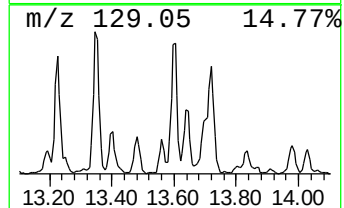
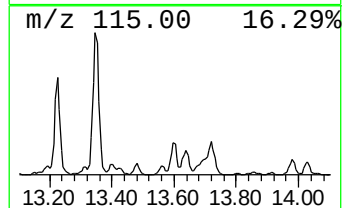
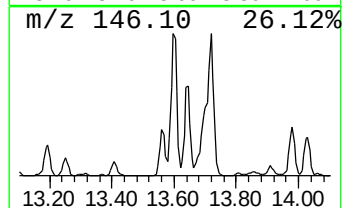
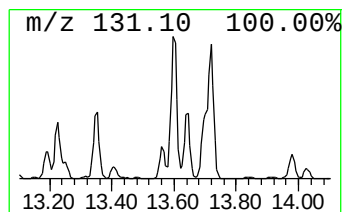
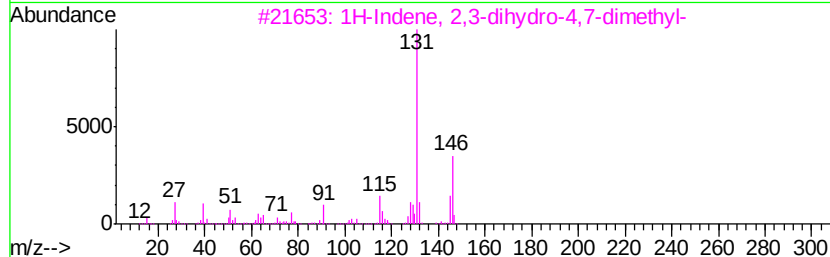
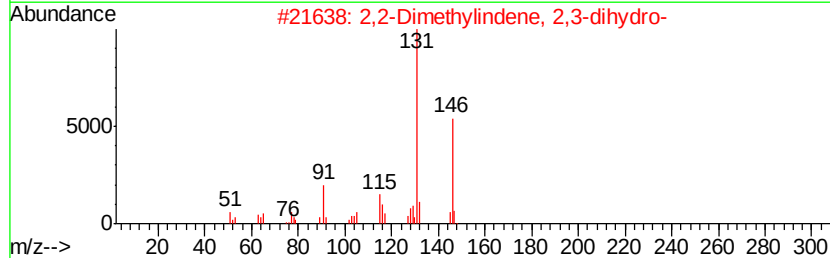
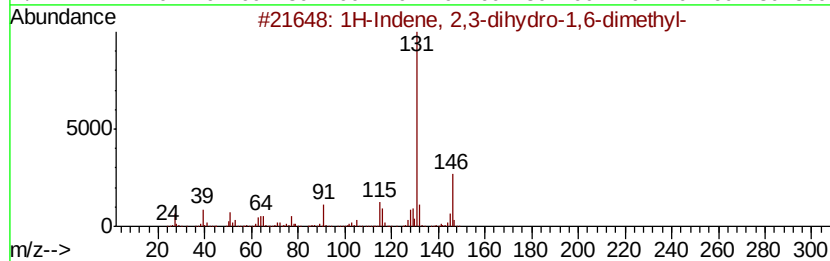
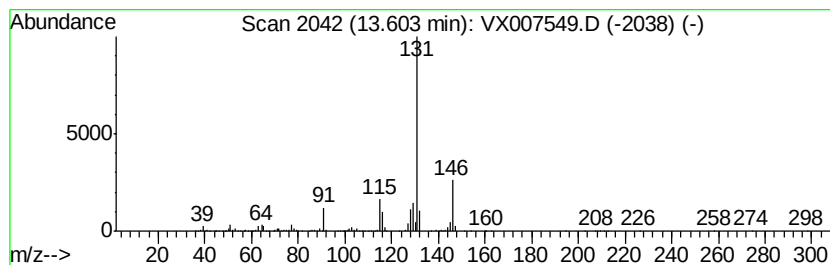
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20190207

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	22.69 ug/l	1005100	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	94
2	2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007549.D
Acq On : 14 Feb 2019 16:48
Operator : JC/SP
Sample : K1460-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-1-20190207

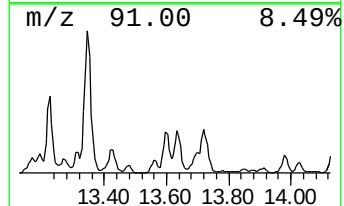
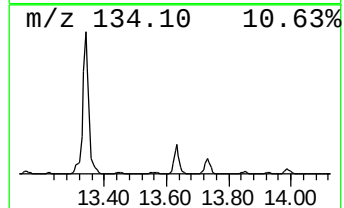
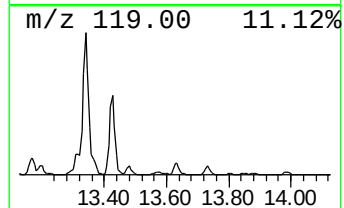
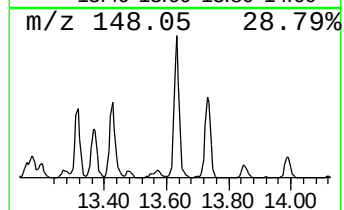
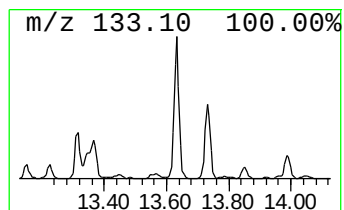
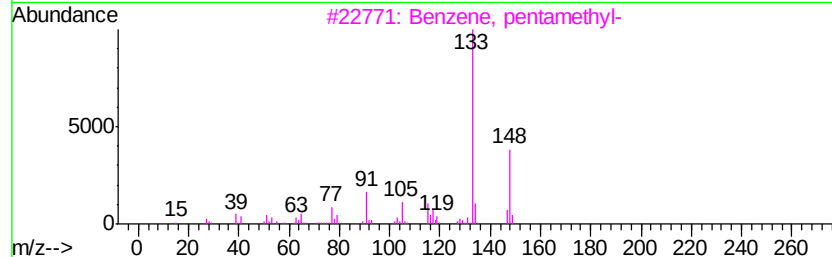
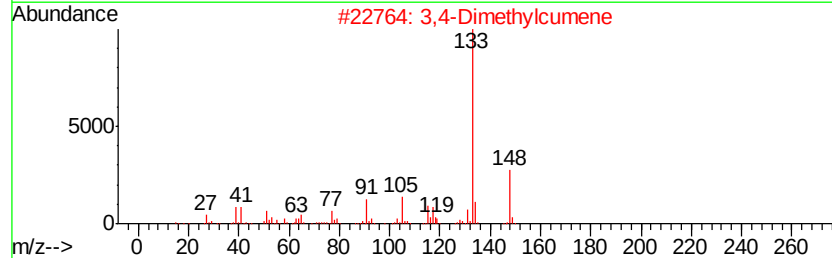
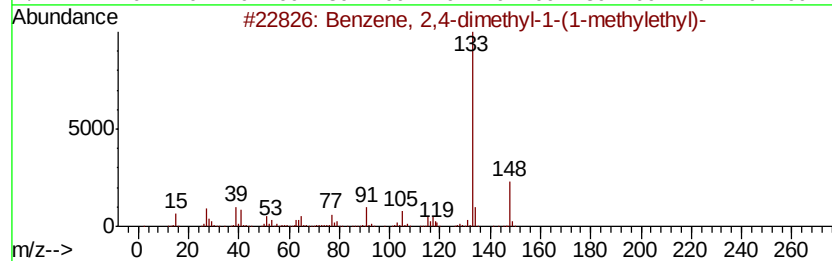
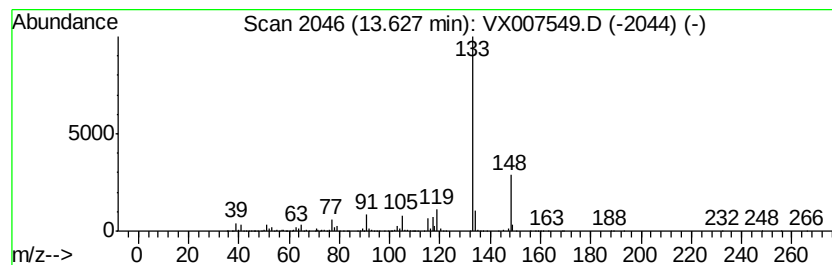
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	25.47 ug/l	1127940	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	93
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	90
5		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007549.D
Acq On : 14 Feb 2019 16:48
Operator : JC/SP
Sample : K1460-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

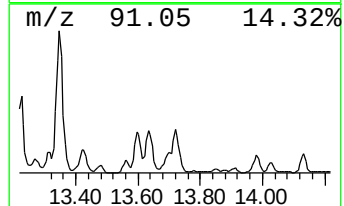
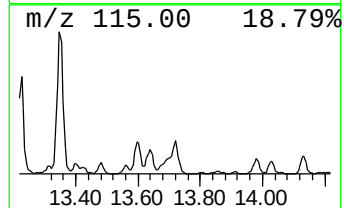
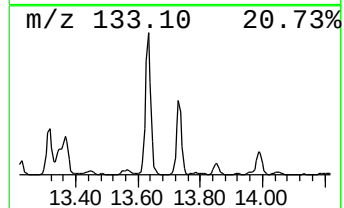
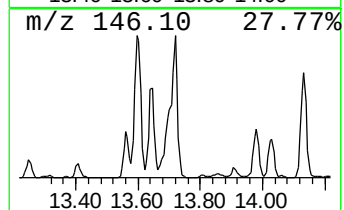
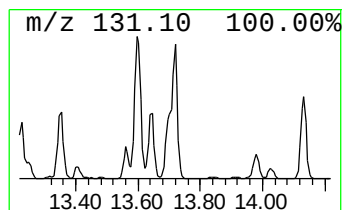
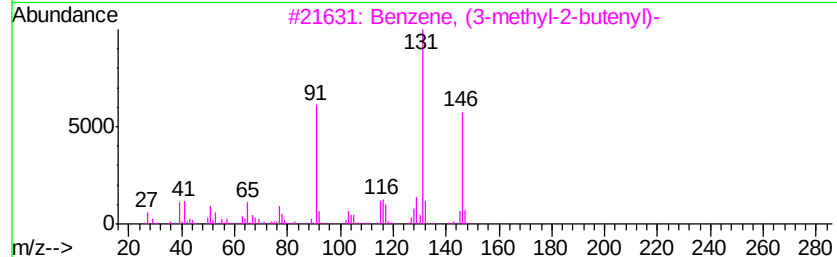
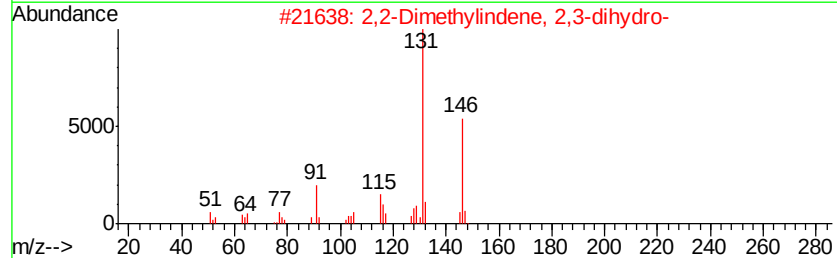
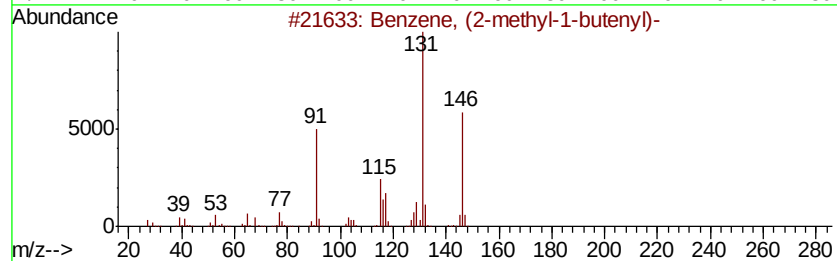
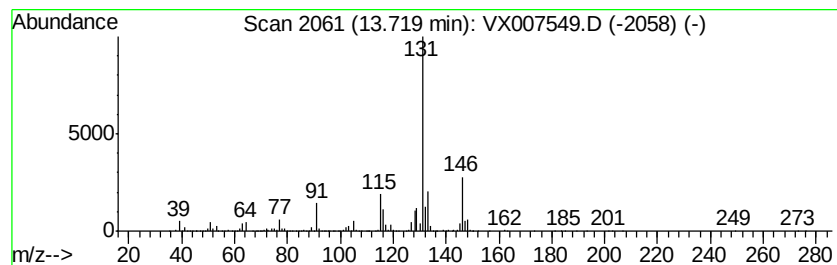
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20190207

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	31.23 ug/l	1383030	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 91
2		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 91
3		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 87
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 87
5		Benzene, 1-methyl-2-(1-methyl-2-...	146 C11H14	097664-19-2 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021519\
Data File : VX007549.D
Acq On : 14 Feb 2019 16:48
Operator : JC/SP
Sample : K1460-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1-20190207

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.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, 1,2-diet...	12.30	79.5	ug/l	3522570	4	12.08	2214600	50.0
Benzene, 1-ethyl-...	12.67	134.4	ug/l	5951840	4	12.08	2214600	50.0
1-Phenyl-1-butene	12.70	17.3	ug/l	766184	4	12.08	2214600	50.0
Benzene, 1-etheny...	12.76	82.7	ug/l	3662340	4	12.08	2214600	50.0
Benzene, 1,2,3,5-...	12.97	92.8	ug/l	4109420	4	12.08	2214600	50.0
Benzene, 2-etheny...	13.22	45.9	ug/l	2030930	4	12.08	2214600	50.0
1H-Indene, 2,3-di...	13.60	22.7	ug/l	1005100	4	12.08	2214600	50.0
Benzene, 2,4-dime...	13.63	25.5	ug/l	1127940	4	12.08	2214600	50.0
Benzene, (2-methy...	13.72	31.2	ug/l	1383030	4	12.08	2214600	50.0