

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002019.D
 Acq On : 26 May 2018 15:15
 Operator : JC/MD
 Sample : J3064-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.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	1.075	76	80	94	rBV	3018743	3587355	100.00%	15.533%
2	1.367	119	128	129	rBV2	49331	138709	3.87%	0.601%
3	2.629	329	335	340	rBV	26914	49754	1.39%	0.215%
4	3.215	427	431	440	rVB	24496	57850	1.61%	0.250%
5	5.513	794	808	823	rBV	254365	737842	20.57%	3.195%
6	5.672	823	834	855	rVB	287591	829432	23.12%	3.591%
7	6.074	890	900	912	rBV	283463	736971	20.54%	3.191%
8	6.866	1019	1030	1040	rBV	453473	1055330	29.42%	4.570%
9	7.458	1117	1127	1136	rBV4	17003	48161	1.34%	0.209%
10	8.720	1328	1334	1350	rVB	1300677	2033142	56.68%	8.804%
11	10.116	1555	1563	1572	rBV	927619	1287401	35.89%	5.574%
12	10.341	1595	1600	1609	rBV8	15604	44858	1.25%	0.194%
13	10.652	1638	1651	1658	rBV6	21054	65402	1.82%	0.283%
14	10.914	1690	1694	1702	rBV7	22482	45810	1.28%	0.198%
15	11.024	1707	1712	1717	rBV	133588	170553	4.75%	0.738%
16	11.140	1726	1731	1737	rBV	1113344	1452604	40.49%	6.290%
17	11.366	1762	1768	1778	rBV	149692	195027	5.44%	0.844%
18	11.677	1809	1819	1827	rBV6	19055	48006	1.34%	0.208%
19	11.774	1827	1835	1839	rBV	44068	68572	1.91%	0.297%
20	11.926	1852	1860	1861	rBV	56562	80396	2.24%	0.348%
21	11.951	1861	1864	1871	rVB	138508	169602	4.73%	0.734%
22	12.085	1880	1886	1891	rBV	1139453	1389717	38.74%	6.017%
23	12.237	1906	1911	1915	rBV	64694	74080	2.07%	0.321%
24	12.304	1915	1922	1927	rVV	714583	880171	24.54%	3.811%
25	12.372	1929	1933	1941	rVB2	107517	177610	4.95%	0.769%
26	12.463	1943	1948	1953	rBV	182801	237110	6.61%	1.027%
27	12.676	1971	1983	1986	rBV	331080	469615	13.09%	2.033%
28	12.707	1986	1988	1993	rVV2	131745	189798	5.29%	0.822%
29	12.762	1993	1997	2004	rVV2	363187	590082	16.45%	2.555%
30	12.823	2004	2007	2011	rVB	48955	58688	1.64%	0.254%
31	12.902	2011	2020	2024	rBV3	127375	239483	6.68%	1.037%
32	12.981	2025	2033	2040	rVV2	374363	582373	16.23%	2.522%
33	13.085	2046	2050	2057	rVB2	96305	156022	4.35%	0.676%
34	13.158	2057	2062	2065	rBV	59821	91770	2.56%	0.397%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.201	2065	2069	2073	rVV2	173182	224369	6.25%	0.972%
36	13.256	2075	2078	2082	rVV	57515	71883	2.00%	0.311%
37	13.316	2082	2088	2090	rVV2	61705	95462	2.66%	0.413%
38	13.353	2090	2094	2100	rVV2	326612	484430	13.50%	2.098%
39	13.408	2100	2103	2105	rVV2	37797	54429	1.52%	0.236%
40	13.463	2109	2112	2122	rVB7	37031	86703	2.42%	0.375%
41	13.603	2131	2135	2138	rVB2	44298	56448	1.57%	0.244%
42	13.646	2138	2142	2145	rBV3	152778	216720	6.04%	0.938%
43	13.682	2145	2148	2149	rVV	79038	86132	2.40%	0.373%
44	13.707	2149	2152	2153	rVV	117434	155398	4.33%	0.673%
45	13.725	2153	2155	2164	rVB3	211405	368783	10.28%	1.597%
46	13.816	2164	2170	2173	rBV	74799	105855	2.95%	0.458%
47	13.859	2173	2177	2182	rVB4	35939	53832	1.50%	0.233%
48	13.914	2182	2186	2191	rVB	151679	198901	5.54%	0.861%
49	13.987	2191	2198	2203	rBV	227635	351450	9.80%	1.522%
50	14.036	2203	2206	2210	rBV2	56777	79477	2.22%	0.344%
51	14.133	2218	2222	2225	rBV2	63525	86598	2.41%	0.375%
52	14.170	2225	2228	2231	rVB	55730	61164	1.70%	0.265%
53	14.280	2241	2246	2251	rBV	123948	179469	5.00%	0.777%
54	14.383	2259	2263	2267	rVB	90000	113501	3.16%	0.491%
55	14.438	2267	2272	2276	rVB2	89988	117386	3.27%	0.508%
56	14.481	2276	2279	2285	rVB	35055	46528	1.30%	0.201%
57	14.548	2285	2290	2298	rBV2	190409	289476	8.07%	1.253%
58	14.676	2308	2311	2314	rBV2	37904	50533	1.41%	0.219%
59	14.737	2317	2321	2325	rVB3	61873	71910	2.00%	0.311%
60	14.786	2326	2329	2334	rVB3	34410	49680	1.38%	0.215%
61	14.853	2335	2340	2343	rBV	90543	142324	3.97%	0.616%
62	14.981	2353	2361	2366	rBV6	27900	71642	2.00%	0.310%
63	15.255	2399	2406	2413	rBV	66206	124540	3.47%	0.539%
64	15.328	2414	2418	2426	rVB3	33290	54094	1.51%	0.234%
65	15.450	2434	2438	2441	rBV3	29506	46918	1.31%	0.203%
66	15.487	2441	2444	2448	rVB	43051	58933	1.64%	0.255%
67	15.560	2448	2456	2460	rBV	86463	142845	3.98%	0.619%
68	15.609	2460	2464	2469	rVB6	18864	36786	1.03%	0.159%
69	15.694	2470	2478	2483	rBV2	154478	289331	8.07%	1.253%
70	15.816	2493	2498	2506	rBV2	34546	66291	1.85%	0.287%
71	15.895	2506	2511	2514	rVV4	36146	73531	2.05%	0.318%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	15.932	2514	2517	2527	rVB	61673	111179	3.10%	0.481%
73	16.078	2536	2541	2553	rVB2	39198	80365	2.24%	0.348%

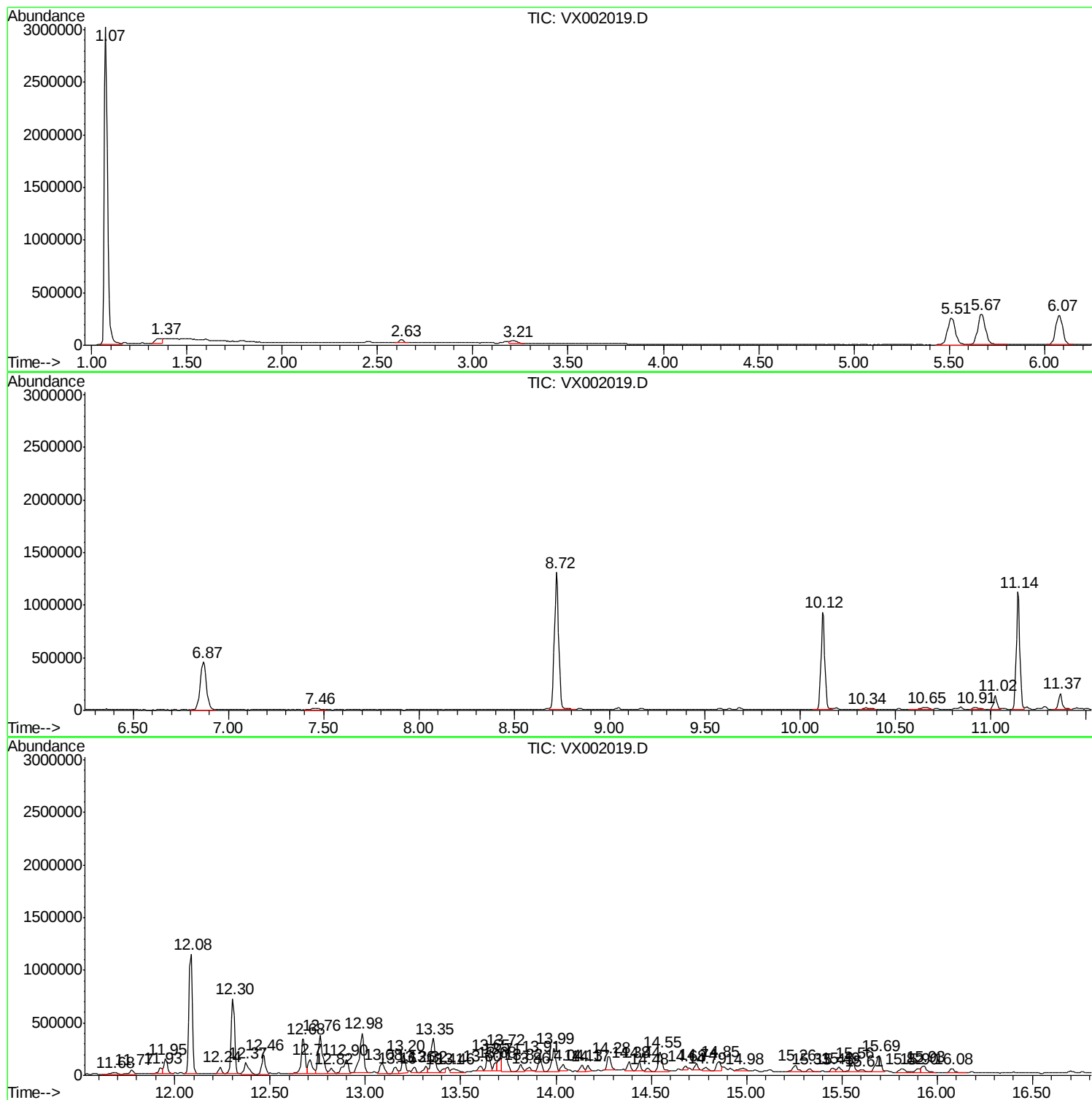
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MSVOA_X
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

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



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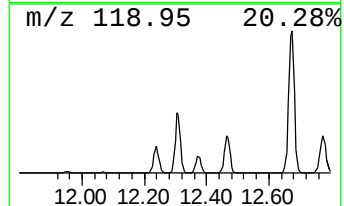
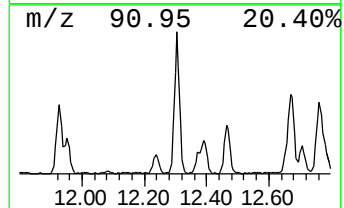
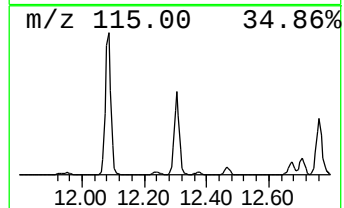
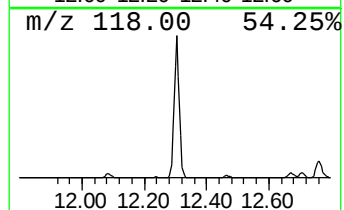
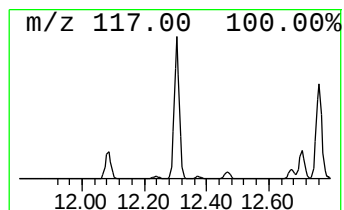
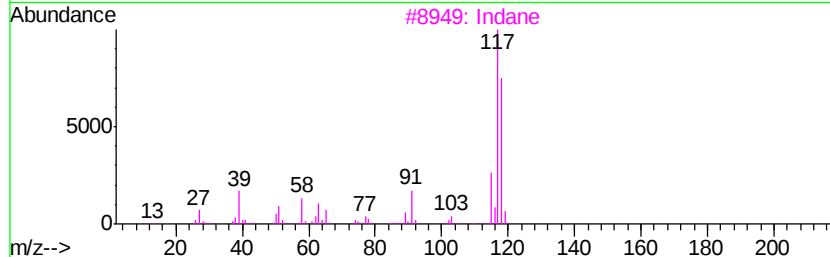
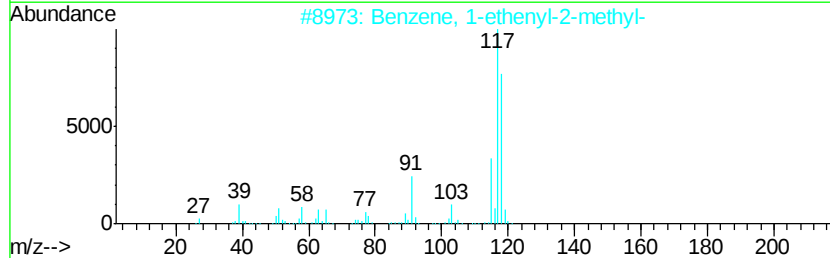
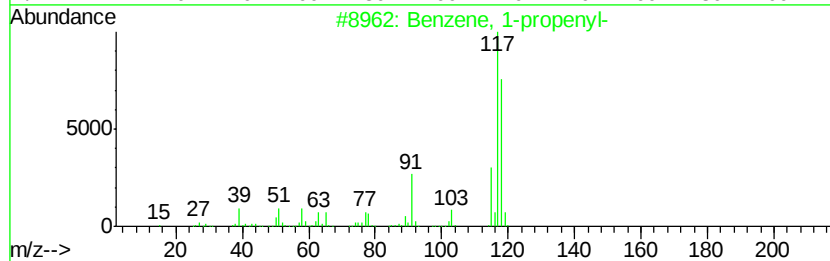
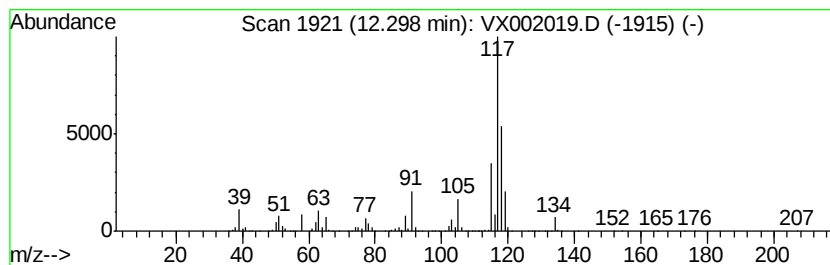
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	31.67 ug/l	880171	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3		Indane	118	C9H10	000496-11-7	70
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



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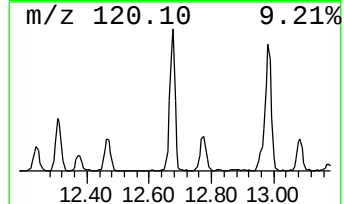
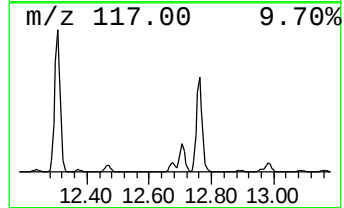
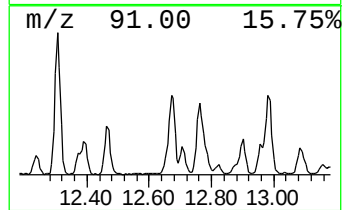
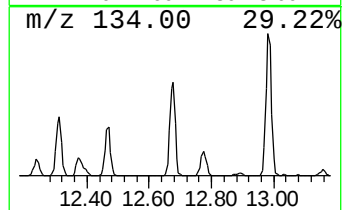
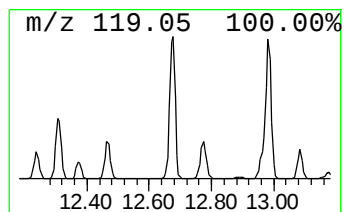
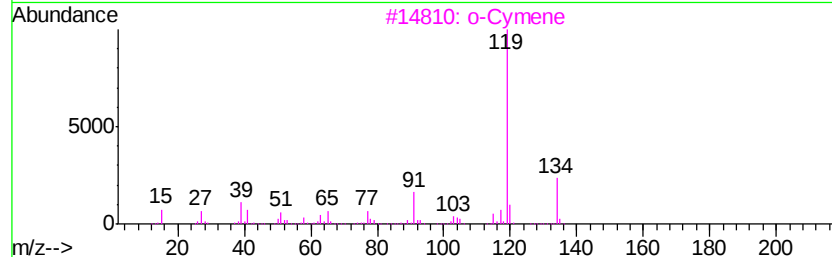
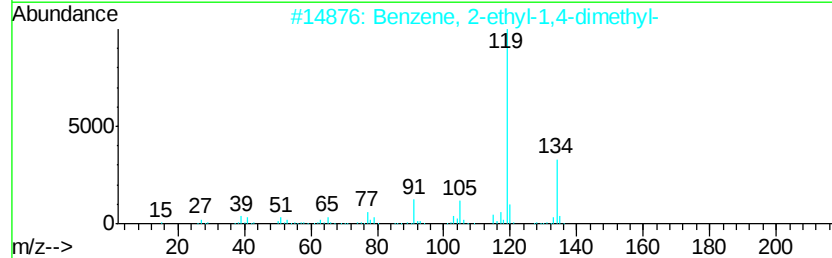
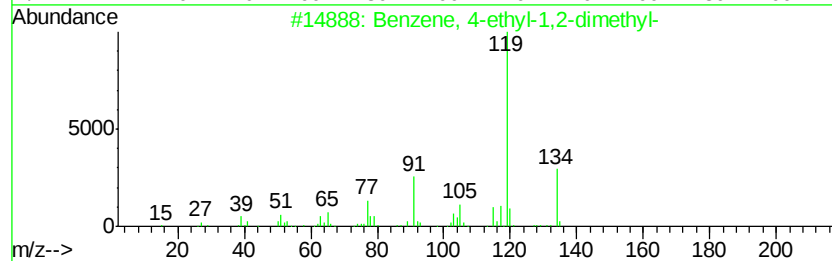
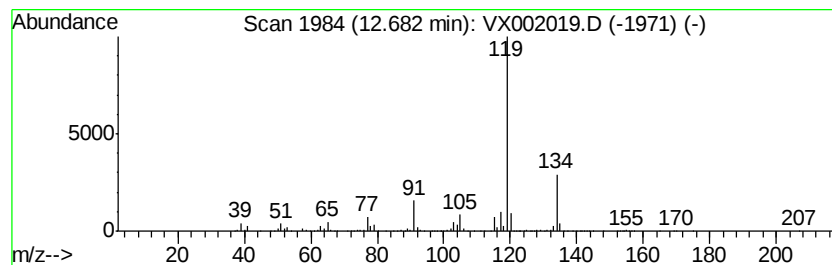
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	16.90 ug/l	469615	1,4-Dichlorobenzene-d4	12.09

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



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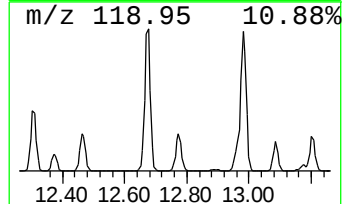
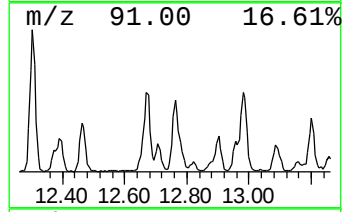
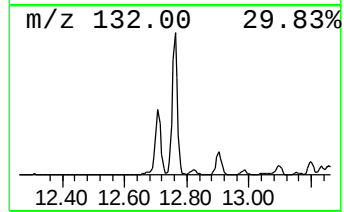
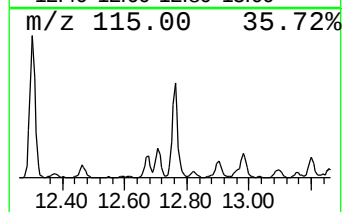
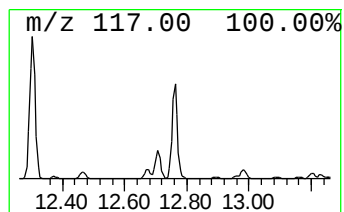
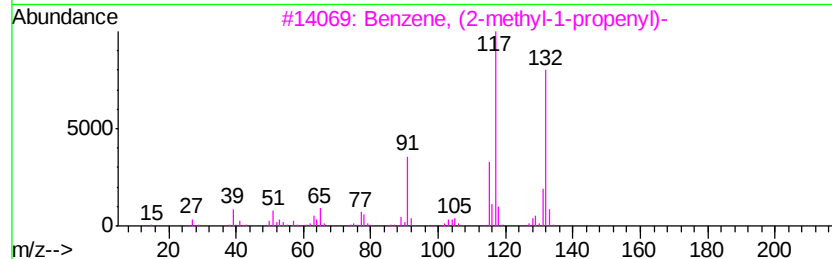
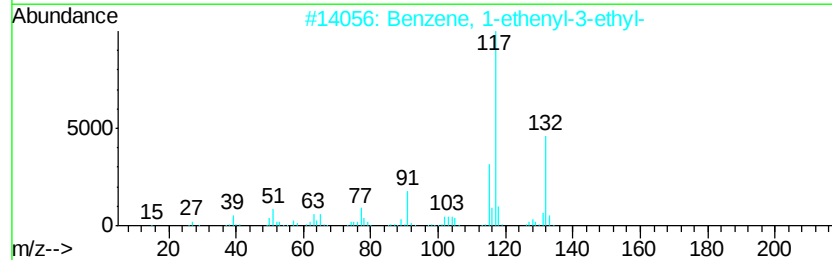
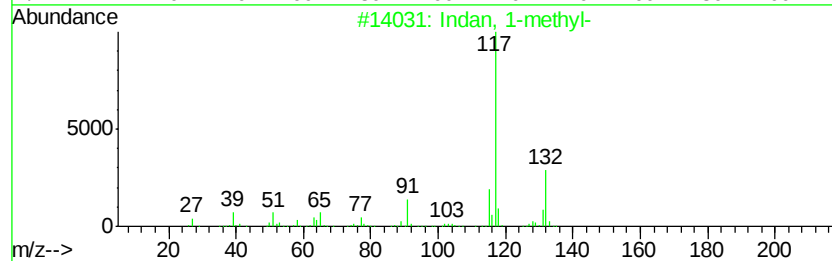
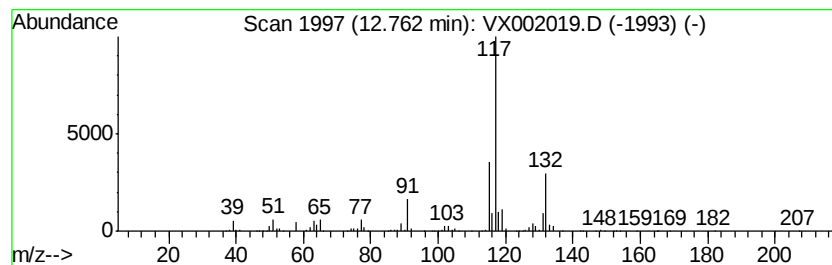
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	21.23 ug/l	590082	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	83
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81



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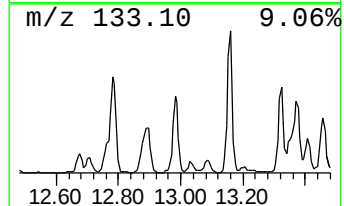
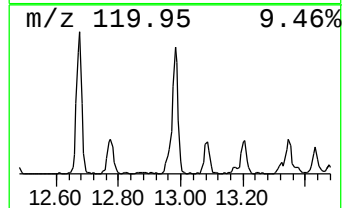
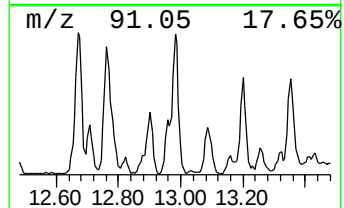
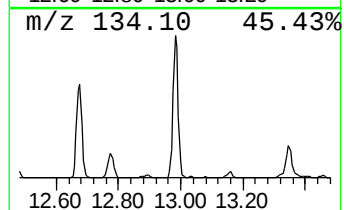
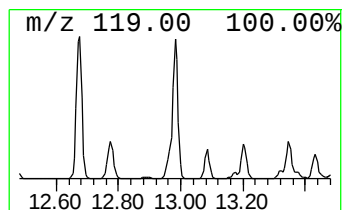
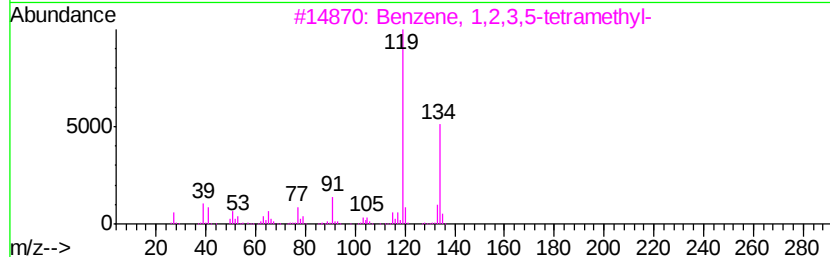
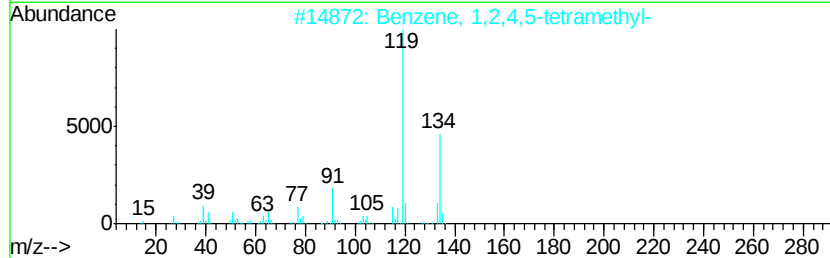
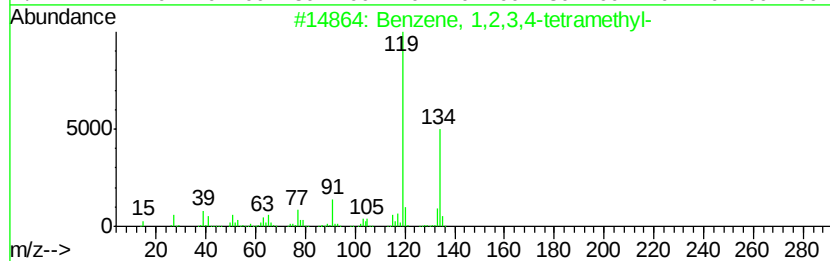
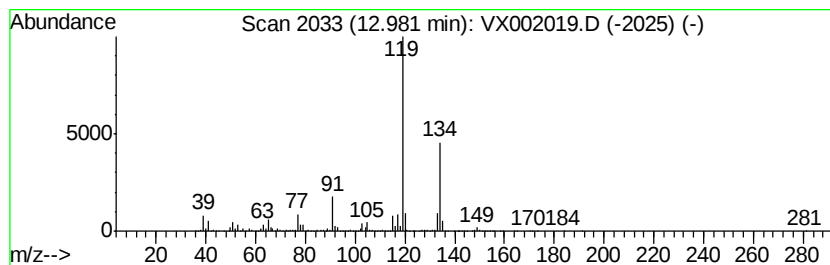
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	20.95 ug/l	582373	1,4-Dichlorobenzene-d4	12.09

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93



Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002019.D
Acq On : 26 May 2018 15:15
Operator : JC/MD
Sample : J3064-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-01

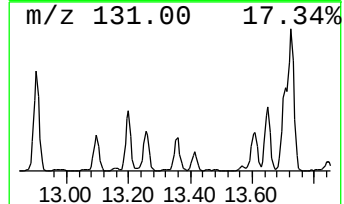
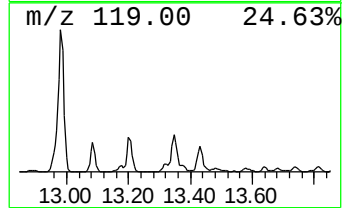
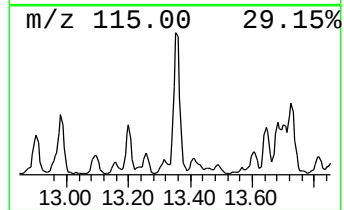
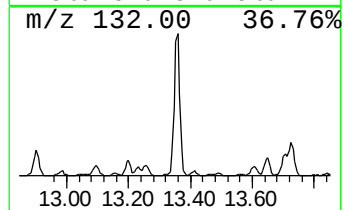
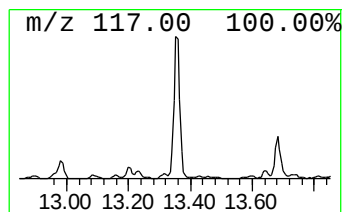
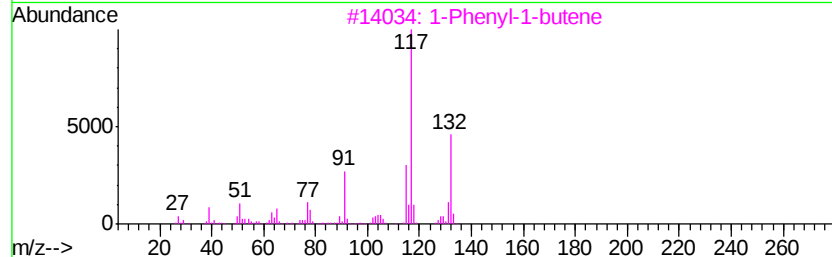
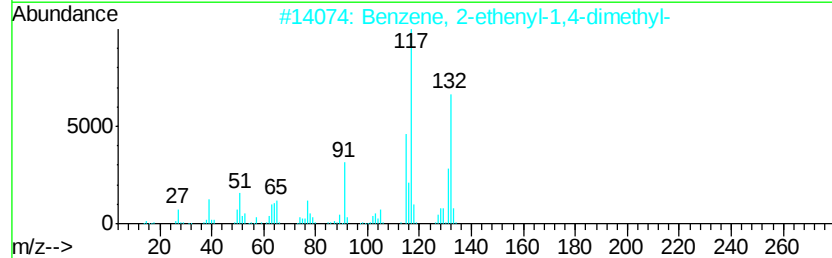
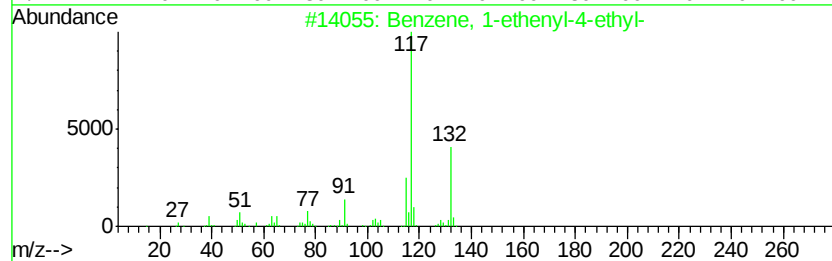
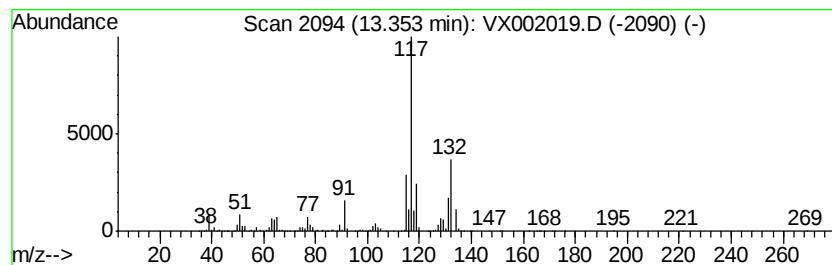
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	17.43 ug/l	484430	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	81
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5		Indan, 1-methyl-	132	C10H12	000767-58-8	76



Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002019.D
Acq On : 26 May 2018 15:15
Operator : JC/MD
Sample : J3064-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

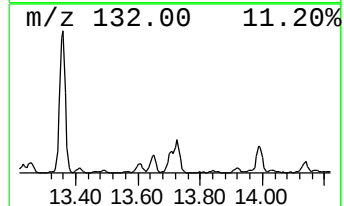
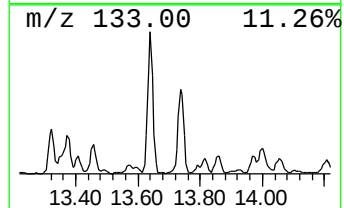
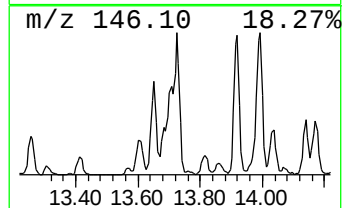
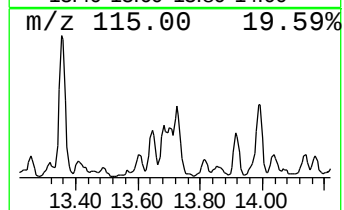
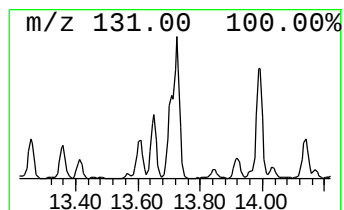
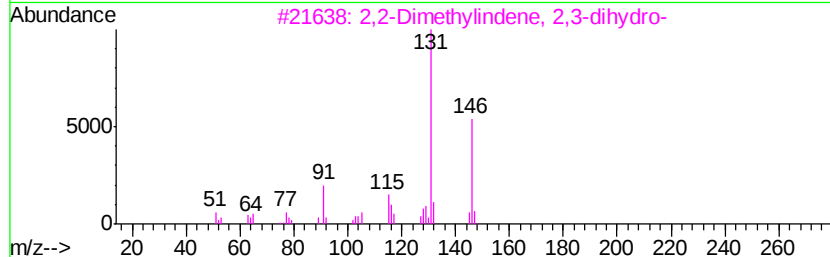
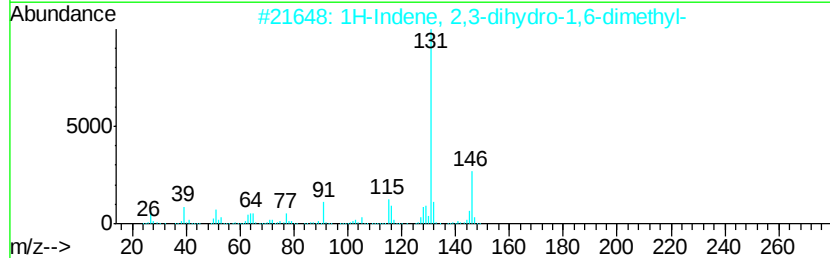
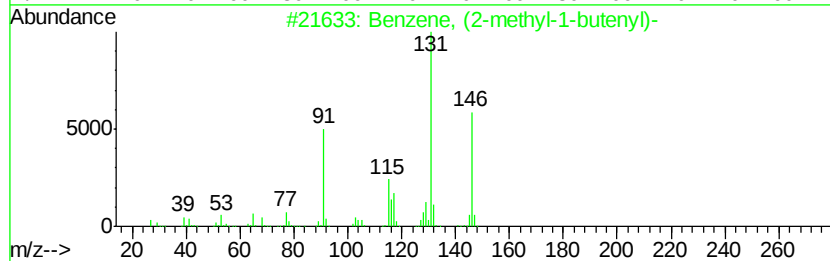
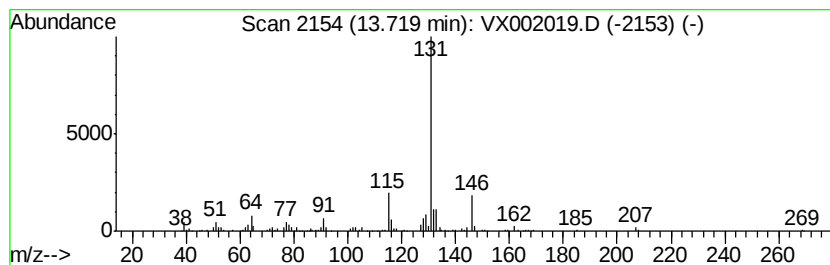
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	13.27 ug/l	368783	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	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 : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002019.D
Acq On : 26 May 2018 15:15
Operator : JC/MD
Sample : J3064-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

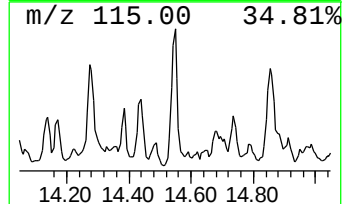
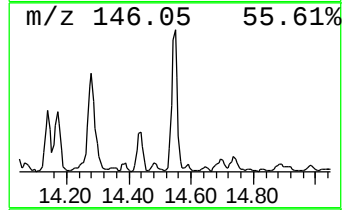
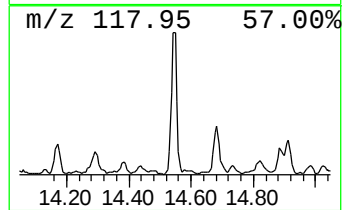
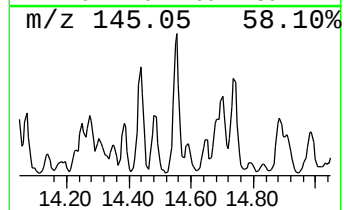
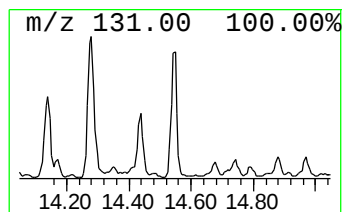
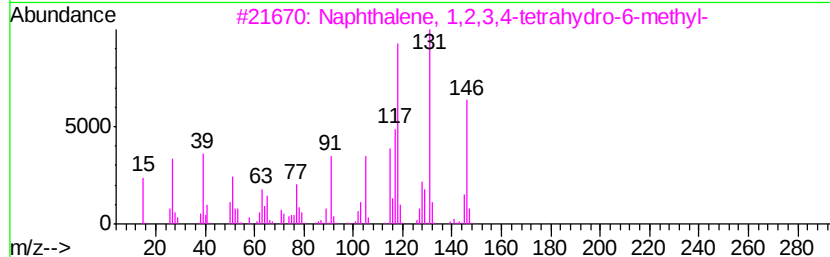
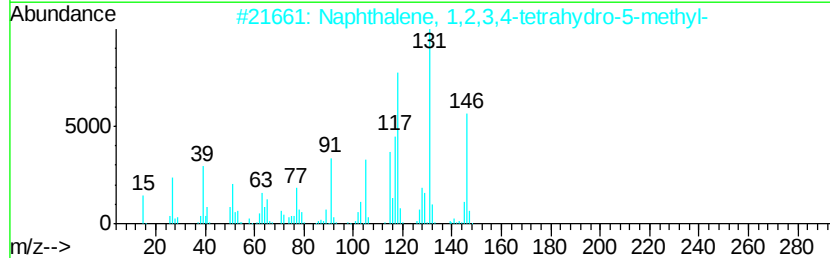
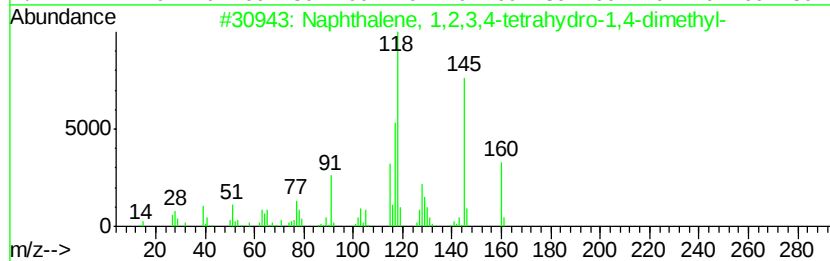
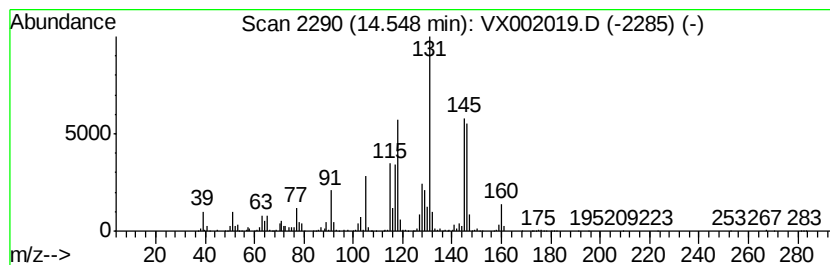
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	10.41 ug/l	289476	1,4-Dichlorobenzene-d4	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60



Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002019.D
Acq On : 26 May 2018 15:15
Operator : JC/MD
Sample : J3064-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

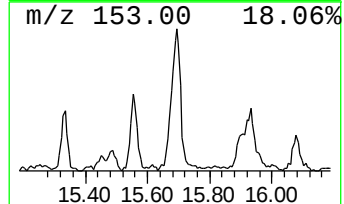
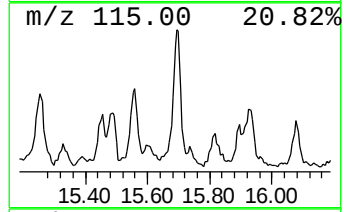
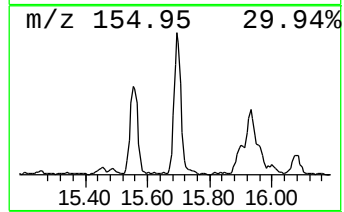
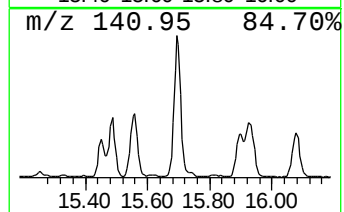
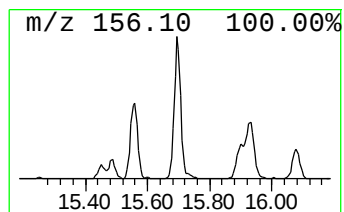
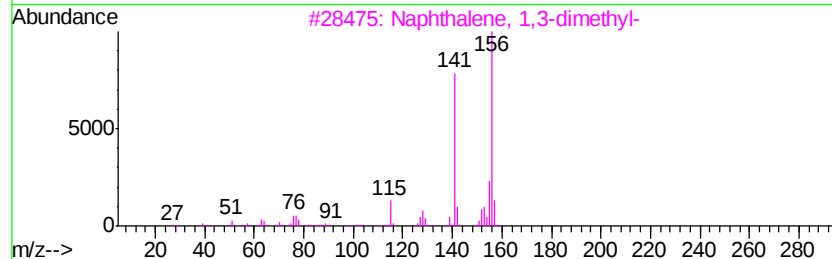
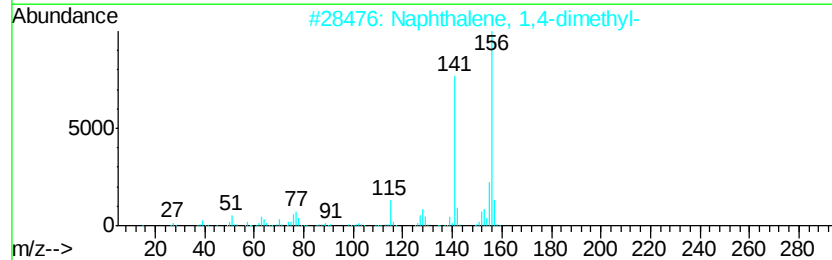
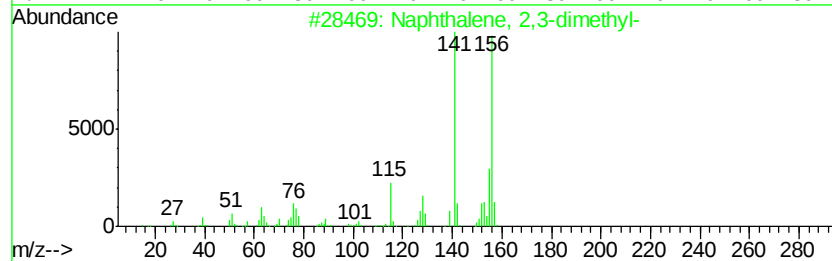
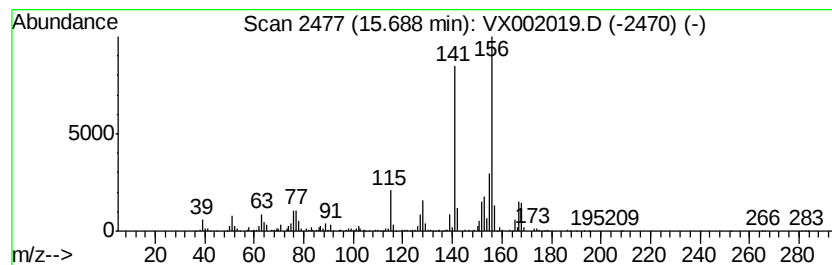
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	10.41 ug/l	289331	1,4-Dichlorobenzene-d4	12.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002019.D
Acq On : 26 May 2018 15:15
Operator : JC/MD
Sample : J3064-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.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-propenyl-	12.30	31.7	ug/l	880171	4	12.09	1389720	50.0
Benzene, 4-ethyl-...	12.68	16.9	ug/l	469615	4	12.09	1389720	50.0
Indan, 1-methyl-	12.76	21.2	ug/l	590082	4	12.09	1389720	50.0
Benzene, 1,2,3,4-...	12.98	20.9	ug/l	582373	4	12.09	1389720	50.0
Benzene, 1-etheny...	13.35	17.4	ug/l	484430	4	12.09	1389720	50.0
Benzene, (2-methy...	13.72	13.3	ug/l	368783	4	12.09	1389720	50.0
Naphthalene, 1,2,...	14.55	10.4	ug/l	289476	4	12.09	1389720	50.0
Naphthalene, 2,3-...	15.69	10.4	ug/l	289331	4	12.09	1389720	50.0