

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004137.D
 Acq On : 17 Aug 2018 17:29
 Operator : JC/MD
 Sample : J4522-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

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\82X081418W.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	75	80	94	rBV	1927493	2494072	48.50%	3.956%
2	1.404	130	134	138	rVB	82626	86838	1.69%	0.138%
3	1.788	192	197	216	rVB	2103500	2975920	57.87%	4.720%
4	2.002	227	232	241	rVB2	148274	232223	4.52%	0.368%
5	2.270	270	276	285	rBV	138089	217616	4.23%	0.345%
6	2.398	289	297	311	rVB	220922	450276	8.76%	0.714%
7	2.599	324	330	341	rVB	54475	99116	1.93%	0.157%
8	2.849	353	371	376	rBV	855961	2032005	39.51%	3.223%
9	2.892	376	378	381	rVV	311306	486254	9.46%	0.771%
10	2.934	381	385	396	rVV2	397198	868286	16.88%	1.377%
11	3.044	396	403	414	rVV	126607	293281	5.70%	0.465%
12	3.178	415	425	442	rVB2	805354	2192634	42.64%	3.477%
13	3.818	519	530	537	rBV	70326	192270	3.74%	0.305%
14	3.922	540	547	555	rVV	84546	236784	4.60%	0.376%
15	4.196	578	592	600	rVV3	51589	151833	2.95%	0.241%
16	4.306	600	610	616	rVV	97865	283182	5.51%	0.449%
17	4.398	616	625	637	rVV	490086	1411855	27.45%	2.239%
18	4.526	637	646	660	rVB4	85244	278046	5.41%	0.441%
19	4.763	673	685	701	rVB	27990	103926	2.02%	0.165%
20	5.239	747	763	766	rBV3	33541	115570	2.25%	0.183%
21	5.300	766	773	787	rVB	108727	339081	6.59%	0.538%
22	5.507	794	807	813	rBV	189736	566787	11.02%	0.899%
23	5.580	813	819	826	rVV3	144723	472161	9.18%	0.749%
24	5.666	826	833	837	rVV	264721	738867	14.37%	1.172%
25	5.721	838	842	864	rVV	321117	942128	18.32%	1.494%
26	5.934	864	877	890	rVV5	78352	273905	5.33%	0.434%
27	6.068	890	899	904	rVV	193602	494231	9.61%	0.784%
28	6.147	904	912	922	rVV	1256301	3300759	64.18%	5.235%
29	6.257	922	930	937	rVV2	141738	513871	9.99%	0.815%
30	6.348	939	945	956	rVV5	280672	1011018	19.66%	1.603%
31	6.452	956	962	978	rVB3	119834	349799	6.80%	0.555%
32	6.861	1019	1029	1038	rBV	394931	1021094	19.85%	1.619%
33	6.946	1039	1043	1054	rVV3	68939	168161	3.27%	0.267%
34	7.257	1085	1094	1103	rBV	106488	234522	4.56%	0.372%

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35	7.446	1115	1125	1139	rBV3	159284	456784	8.88%	0.724%
36	7.848	1184	1191	1198	rVB4	35425	71555	1.39%	0.113%
37	7.958	1198	1209	1216	rBV4	31123	108343	2.11%	0.172%
38	8.055	1216	1225	1236	rVB	138512	320593	6.23%	0.508%
39	8.177	1236	1245	1249	rBV	285223	592182	11.51%	0.939%
40	8.379	1273	1278	1287	rVB6	33006	66215	1.29%	0.105%
41	8.507	1294	1299	1305	rBV2	46761	90317	1.76%	0.143%
42	8.580	1305	1311	1319	rVB3	119148	254934	4.96%	0.404%
43	8.671	1320	1326	1328	rBV2	57345	96826	1.88%	0.154%
44	8.714	1328	1333	1340	rVV	964741	1557783	30.29%	2.471%
45	8.787	1340	1345	1350	rVB	108496	162736	3.16%	0.258%
46	8.915	1363	1366	1373	rVB	51923	73828	1.44%	0.117%
47	9.037	1382	1386	1391	rVB3	39586	68041	1.32%	0.108%
48	9.165	1399	1407	1412	rVB2	61050	116820	2.27%	0.185%
49	9.226	1412	1417	1427	rVB	130917	223069	4.34%	0.354%
50	9.525	1462	1466	1469	rVV2	82379	129693	2.52%	0.206%
51	9.567	1469	1473	1479	rVB4	44192	90515	1.76%	0.144%
52	10.116	1552	1563	1568	rBV	791596	1106447	21.51%	1.755%
53	10.250	1581	1585	1591	rVB	1347956	1762837	34.28%	2.796%
54	10.360	1599	1603	1609	rVB	103228	151536	2.95%	0.240%
55	11.018	1705	1711	1718	rBV	346924	428786	8.34%	0.680%
56	11.140	1723	1731	1736	rBV	851480	1070809	20.82%	1.698%
57	11.360	1758	1767	1776	rVB	755287	933705	18.16%	1.481%
58	11.457	1776	1783	1787	rBV	103312	135507	2.63%	0.215%
59	11.671	1809	1818	1827	rBV	358266	464861	9.04%	0.737%
60	11.811	1836	1841	1846	rVB	256823	311823	6.06%	0.495%
61	11.921	1854	1859	1861	rBV	188788	242245	4.71%	0.384%
62	11.945	1861	1863	1871	rVB	269407	320612	6.23%	0.508%
63	12.024	1872	1876	1880	rBV	94083	115332	2.24%	0.183%
64	12.079	1880	1885	1891	rVB	1043636	1276033	24.81%	2.024%
65	12.146	1891	1896	1900	rBV	99379	124535	2.42%	0.198%
66	12.232	1906	1910	1914	rVB	64248	79861	1.55%	0.127%
67	12.299	1914	1921	1928	rBV	4055358	5142777	100.00%	8.156%
68	12.366	1928	1932	1943	rVB2	811038	1354289	26.33%	2.148%
69	12.463	1943	1948	1952	rBV	328895	397922	7.74%	0.631%
70	12.524	1952	1958	1964	rVB2	269077	403753	7.85%	0.640%
71	12.585	1964	1968	1971	rBV	425768	578825	11.26%	0.918%

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72	12.670	1977	1982	1985	rBV	1732044	2014752	39.18%	3.195%
73	12.701	1985	1987	1991	rVV	420133	465173	9.05%	0.738%
74	12.756	1991	1996	2004	rVV2	1513129	2184306	42.47%	3.464%
75	12.902	2015	2020	2025	rVB3	184069	255535	4.97%	0.405%
76	12.981	2025	2033	2036	rBV	1940531	2447577	47.59%	3.882%
77	13.018	2036	2039	2045	rVV	921949	1095329	21.30%	1.737%
78	13.085	2045	2050	2058	rVB3	150939	277840	5.40%	0.441%
79	13.195	2065	2068	2069	rBV	78630	75662	1.47%	0.120%
80	13.225	2069	2073	2078	rVB	1013110	1194461	23.23%	1.894%
81	13.311	2083	2087	2089	rBV2	133756	181157	3.52%	0.287%
82	13.347	2089	2093	2099	rVV2	1111509	1584308	30.81%	2.513%
83	13.402	2099	2102	2104	rVV3	105930	143072	2.78%	0.227%
84	13.426	2104	2106	2112	rVB	113334	126809	2.47%	0.201%
85	13.481	2112	2115	2122	rVB	142066	177036	3.44%	0.281%
86	13.561	2122	2128	2131	rBV2	116880	173710	3.38%	0.275%
87	13.603	2131	2135	2138	rVV	333500	464484	9.03%	0.737%
88	13.640	2138	2141	2147	rVV3	363375	674042	13.11%	1.069%
89	13.701	2147	2151	2152	rVV	184926	242586	4.72%	0.385%
90	13.725	2152	2155	2161	rVB2	272694	457424	8.89%	0.725%
91	13.835	2166	2173	2182	rVB2	155425	254597	4.95%	0.404%
92	13.987	2190	2198	2202	rBV2	180178	268528	5.22%	0.426%
93	14.030	2202	2205	2209	rVB	55097	62578	1.22%	0.099%
94	14.134	2217	2222	2229	rBV	237154	297895	5.79%	0.472%
95	14.274	2241	2245	2250	rBV	123702	198530	3.86%	0.315%
96	14.378	2258	2262	2267	rBV	158406	221671	4.31%	0.352%
97	14.432	2267	2271	2276	rVB	191808	241199	4.69%	0.383%
98	14.542	2284	2289	2293	rBV2	46183	64759	1.26%	0.103%
99	14.658	2302	2308	2312	rBV	66825	102769	2.00%	0.163%
100	14.841	2333	2338	2348	rBV	466125	593892	11.55%	0.942%

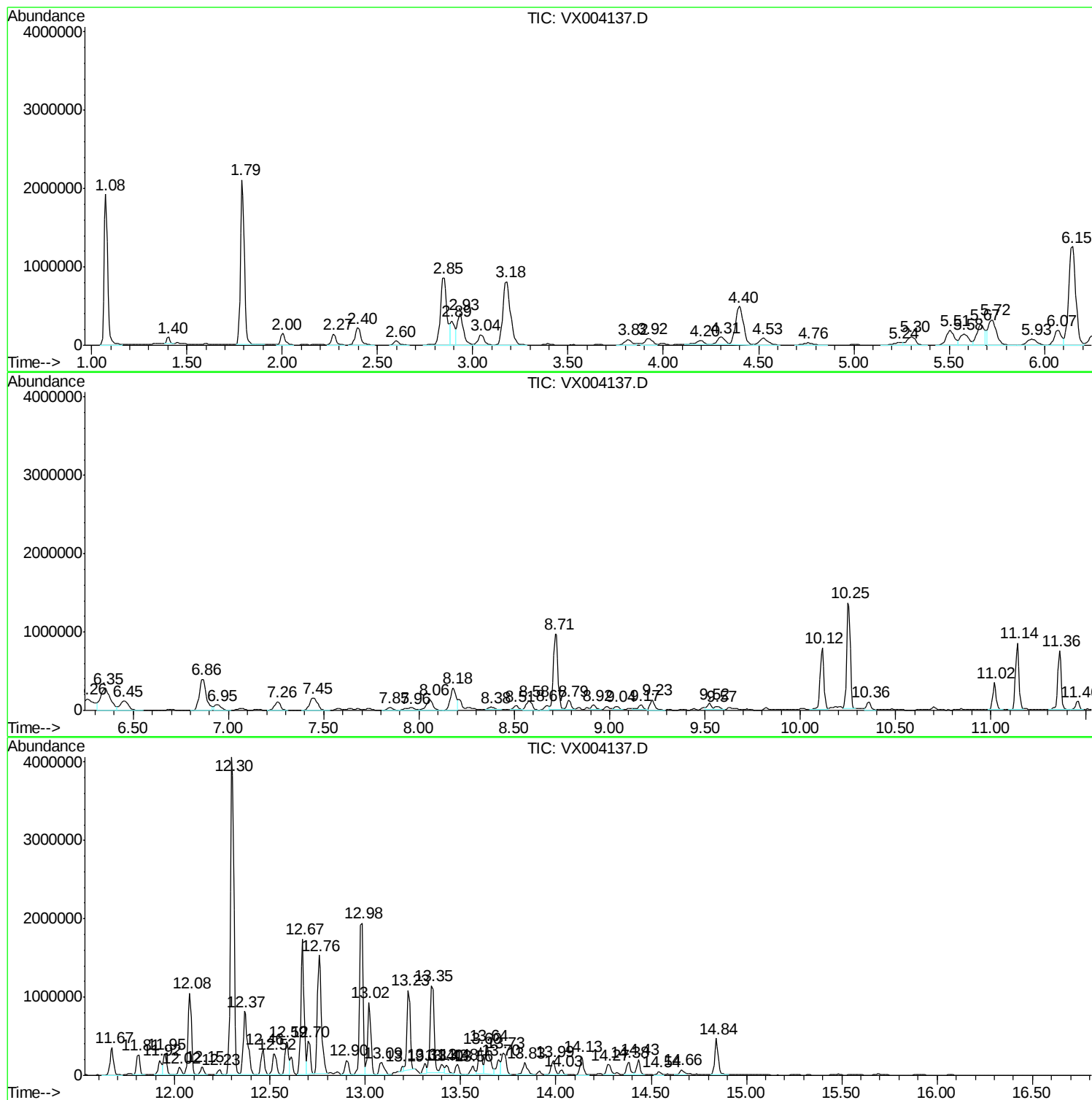
Sum of corrected areas: 63052781

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ClientSampled :
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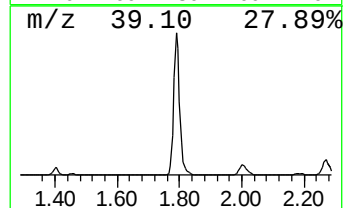
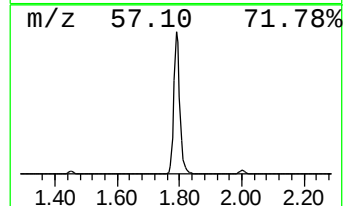
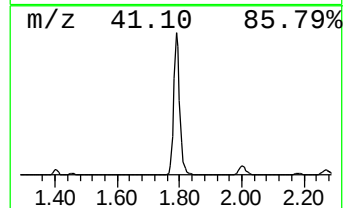
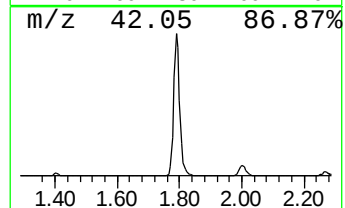
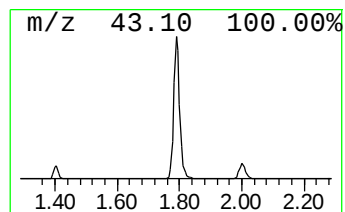
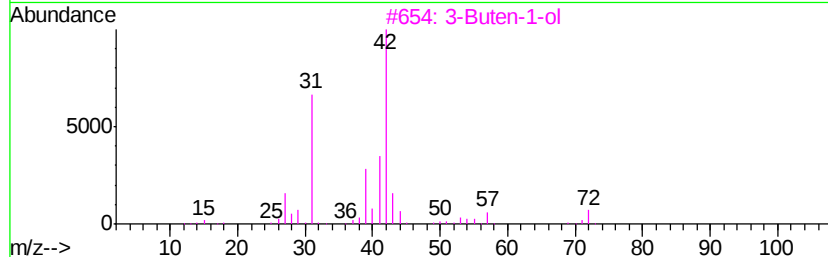
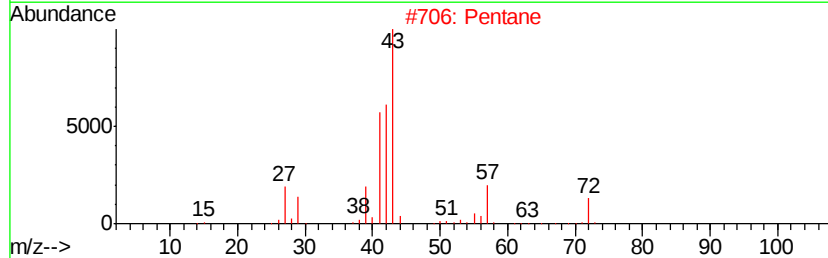
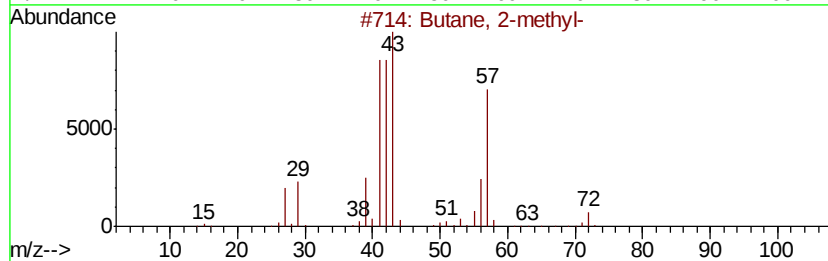
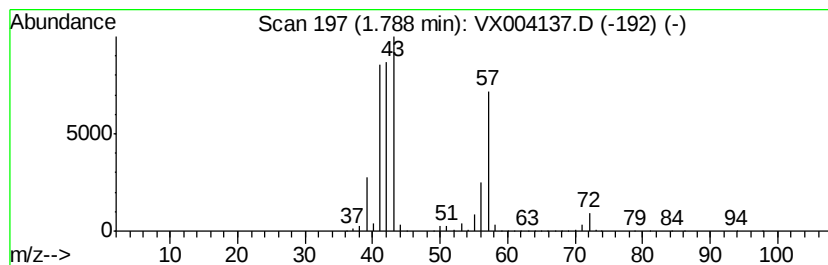
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260

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

Peak Number 2 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	201.38 ug/l	2975920	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Pentane	72	C5H12	000109-66-0	37
3		3-Buten-1-ol	72	C4H8O	000627-27-0	28
4		1-Butene	56	C4H8	000106-98-9	14
5		1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	10



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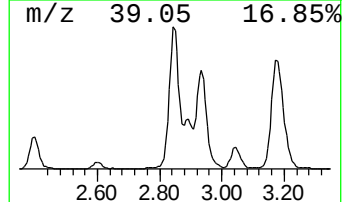
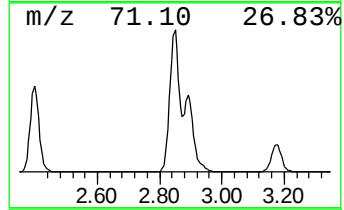
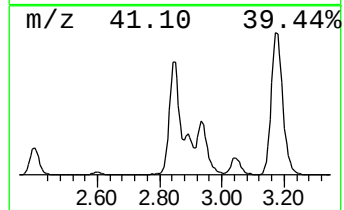
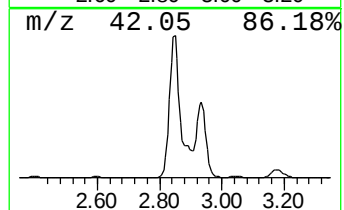
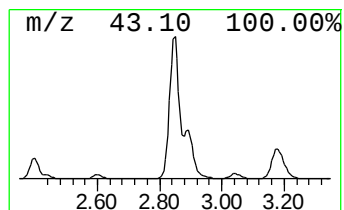
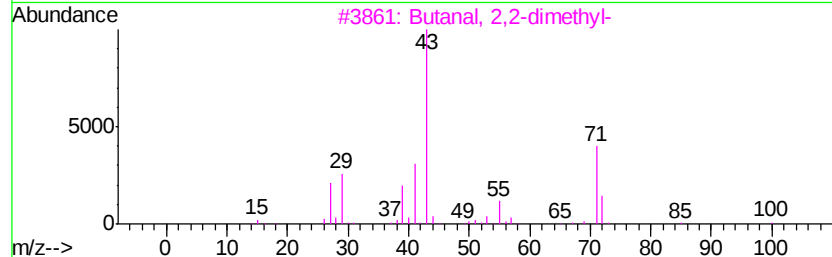
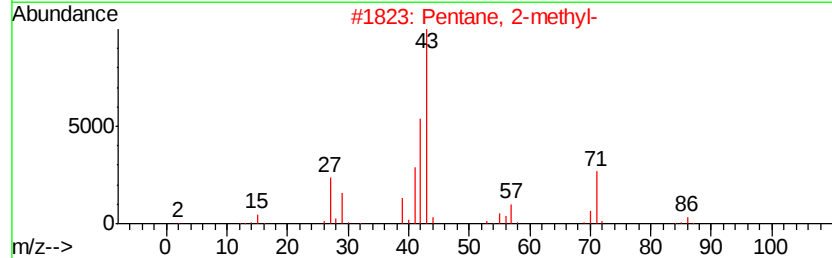
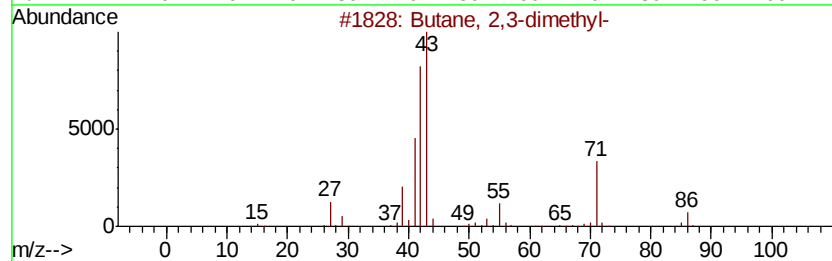
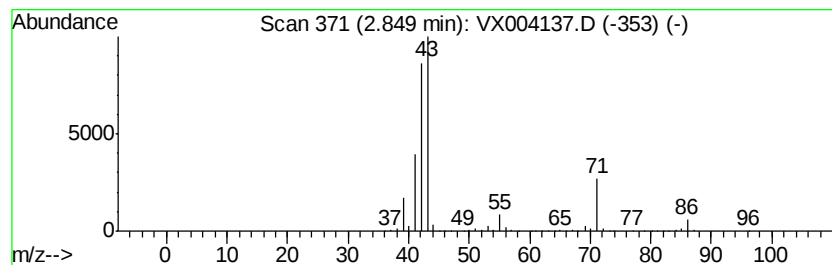
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 Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	137.51 ug/l	2032010	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3		Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	14
4		C2H5C(CH3)2COCH3	114	C7H14O	020669-04-9	10
5		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9



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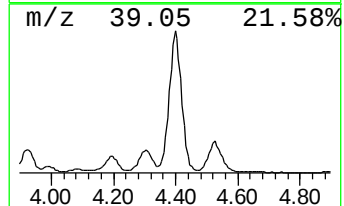
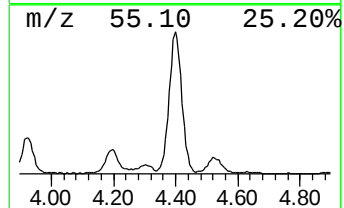
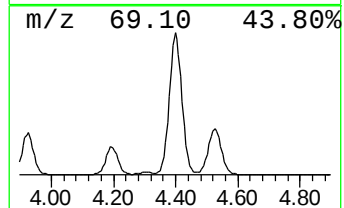
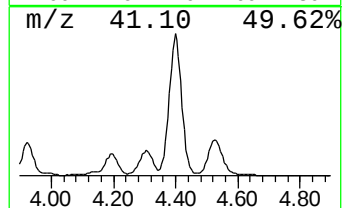
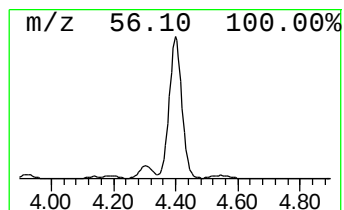
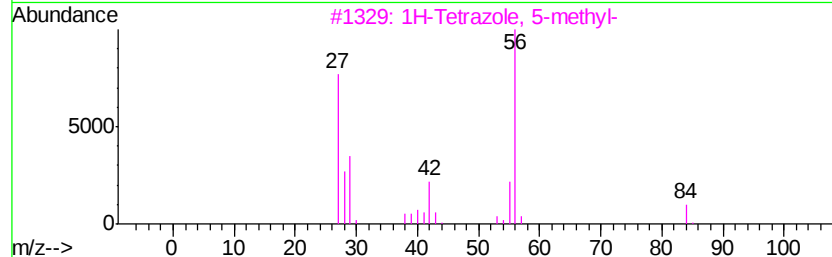
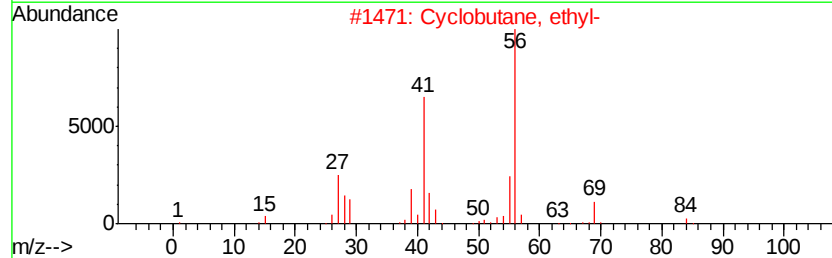
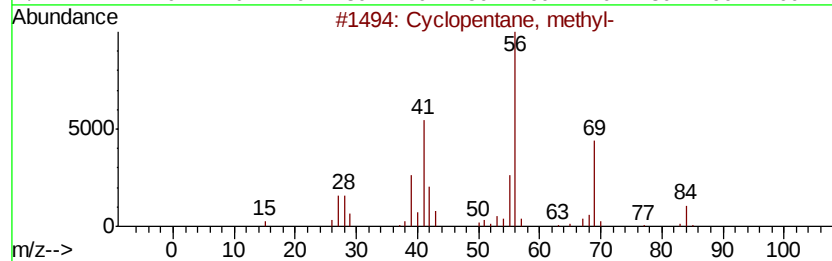
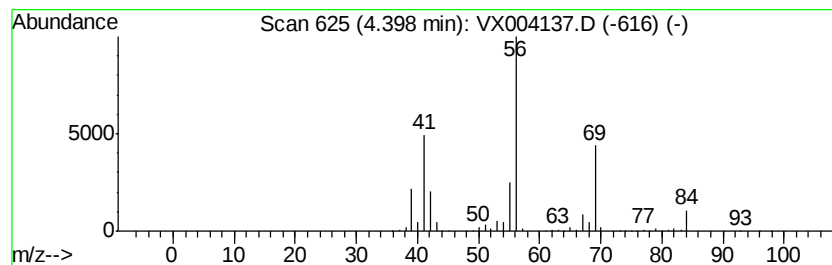
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Peak Number 4 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	95.54 ug/l	1411860	Pentafluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
5			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
Data File : VX004137.D
Acq On : 17 Aug 2018 17:29
Operator : JC/MD
Sample : J4522-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-2

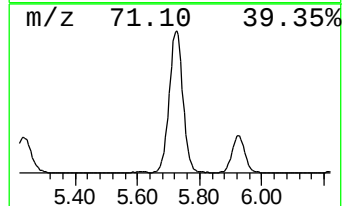
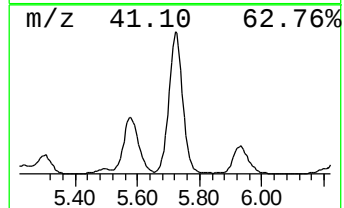
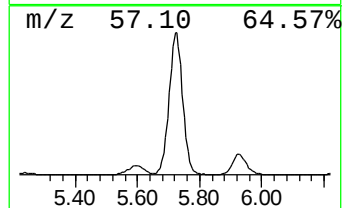
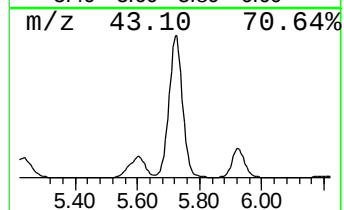
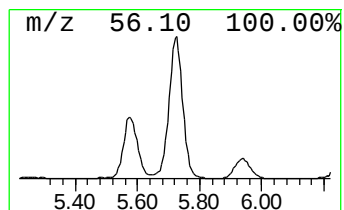
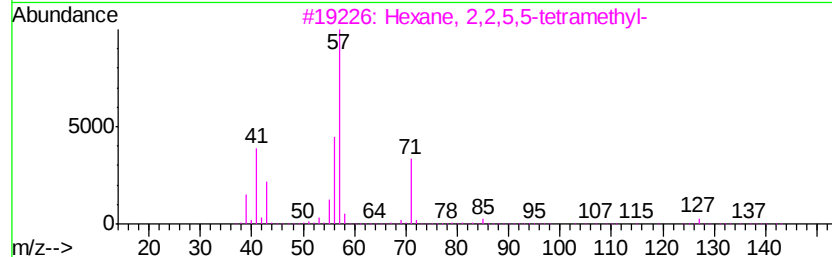
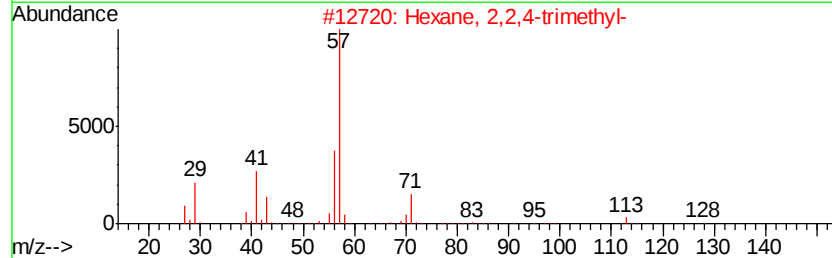
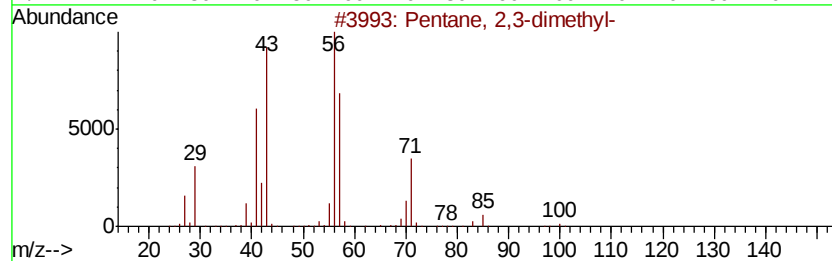
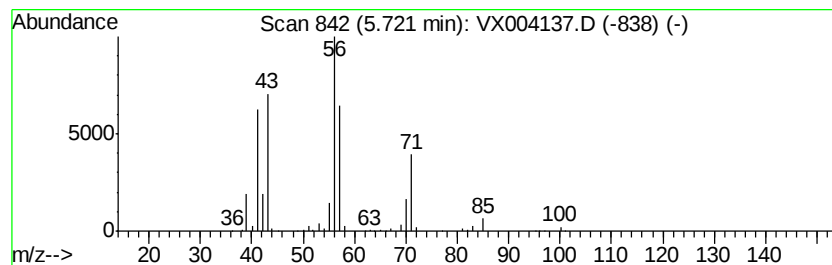
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	63.75 ug/l	942128	Pentafluorobenzene	5.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91	
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64	
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64	
4	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	38	
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
Data File : VX004137.D
Acq On : 17 Aug 2018 17:29
Operator : JC/MD
Sample : J4522-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

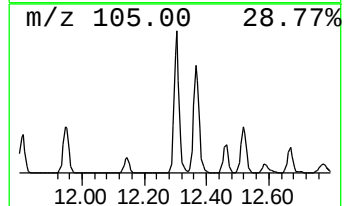
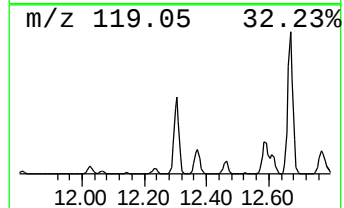
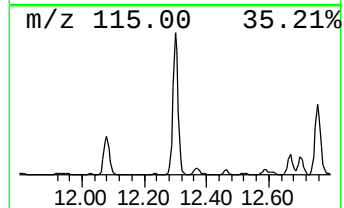
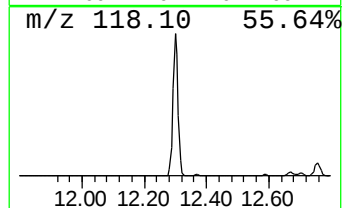
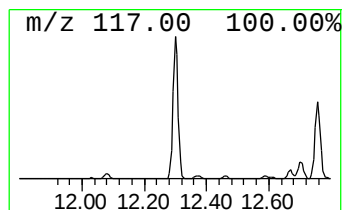
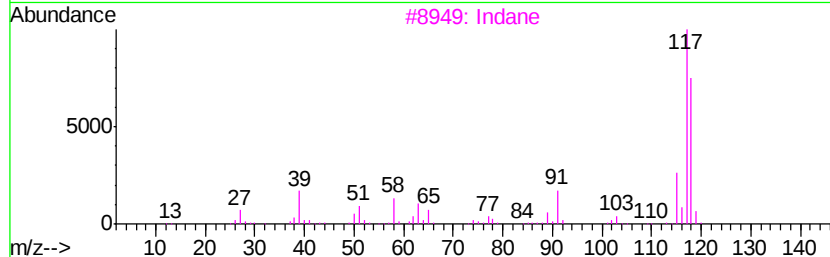
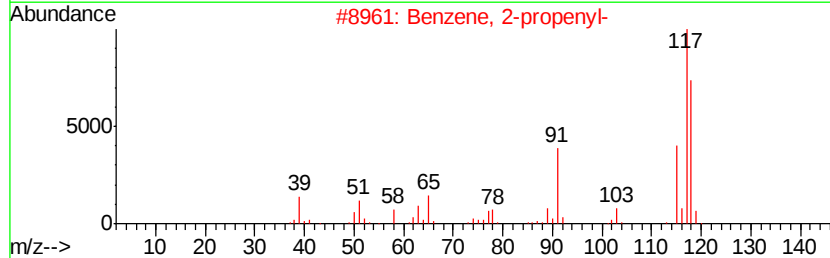
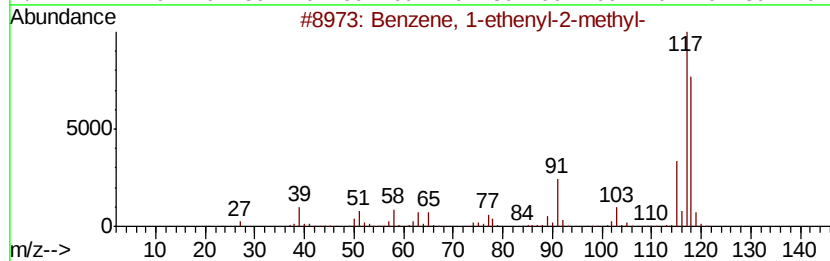
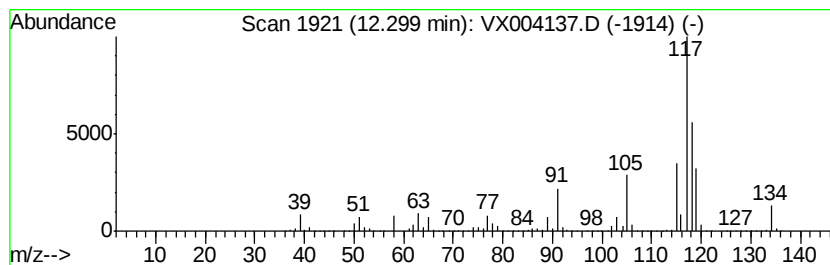
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	201.51 ug/l	5142780	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 91
2		Benzene, 2-propenyl-	118 C9H10	000300-57-2 70
3		Indane	118 C9H10	000496-11-7 70
4		Benzene, cyclopropyl-	118 C9H10	000873-49-4 64
5		Benzene, 1-propenyl-	118 C9H10	000637-50-3 58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
Data File : VX004137.D
Acq On : 17 Aug 2018 17:29
Operator : JC/MD
Sample : J4522-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

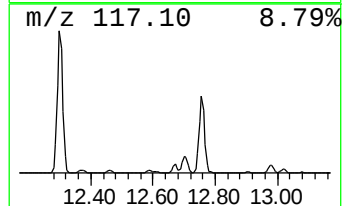
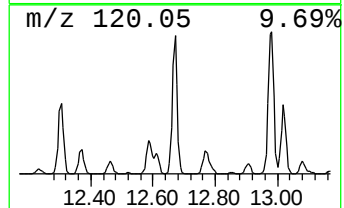
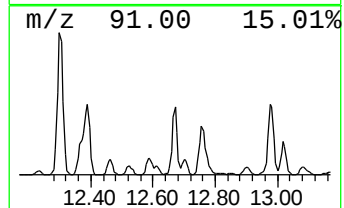
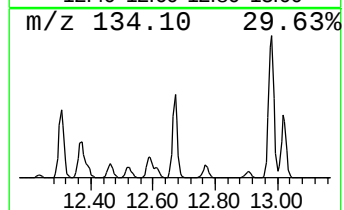
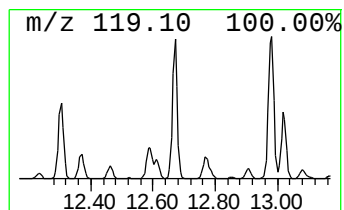
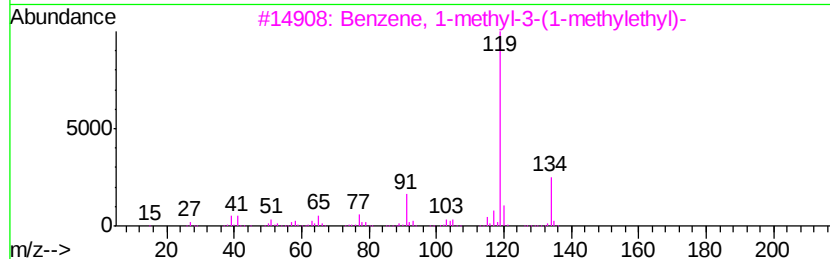
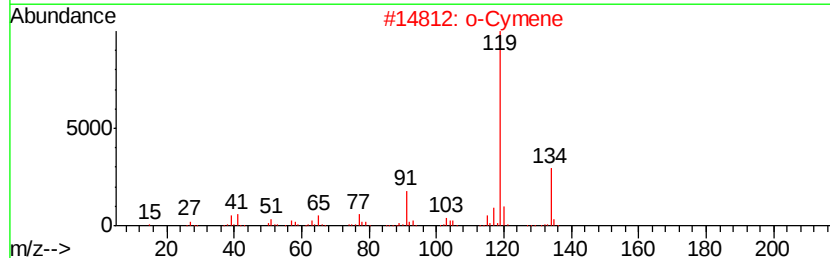
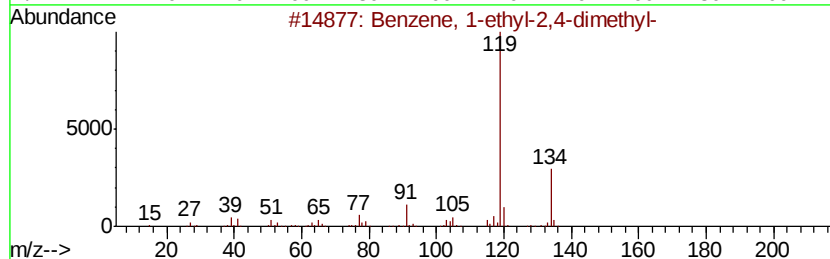
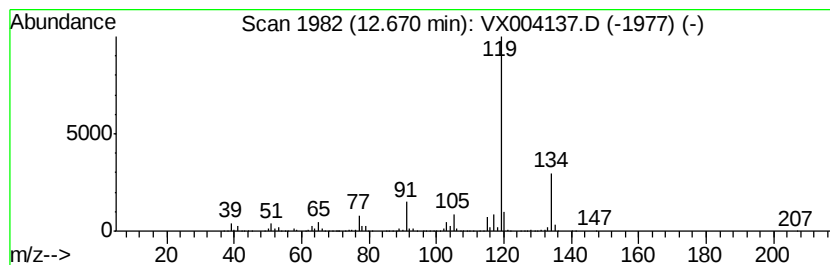
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	78.95 ug/l	2014750	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
Data File : VX004137.D
Acq On : 17 Aug 2018 17:29
Operator : JC/MD
Sample : J4522-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-2

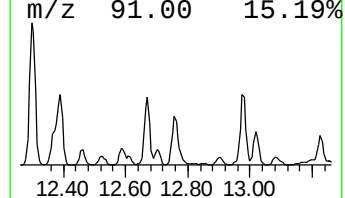
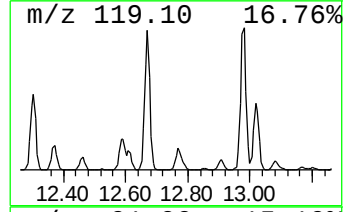
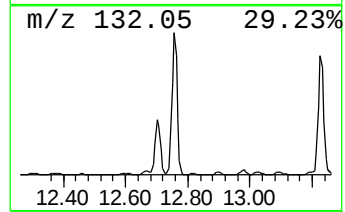
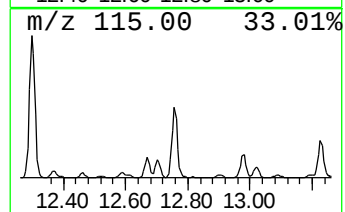
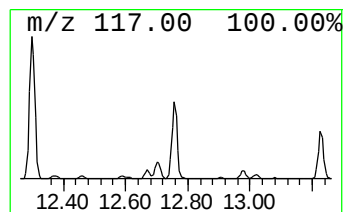
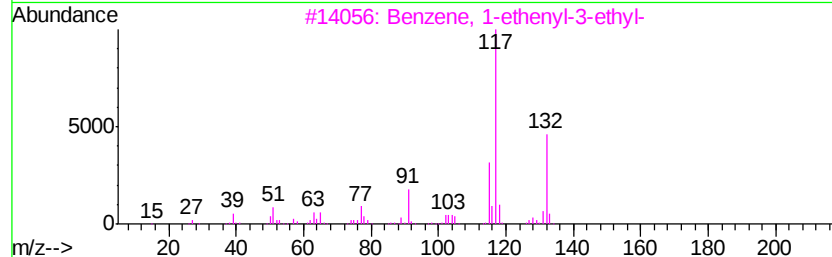
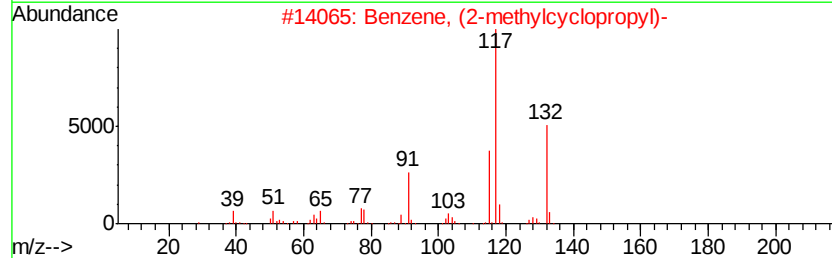
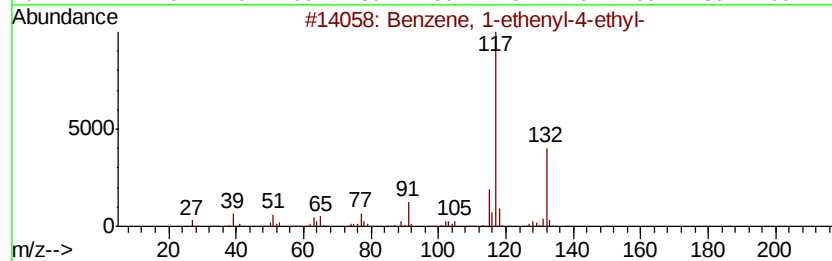
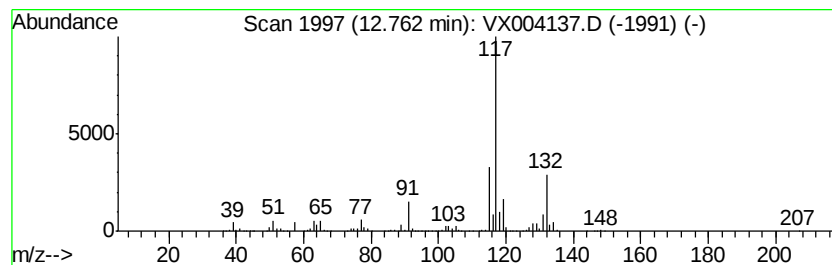
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	85.59 ug/l	2184310	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
2		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4		Indan, 1-methyl-	132	C10H12	000767-58-8	87
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
Data File : VX004137.D
Acq On : 17 Aug 2018 17:29
Operator : JC/MD
Sample : J4522-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

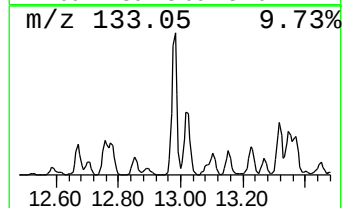
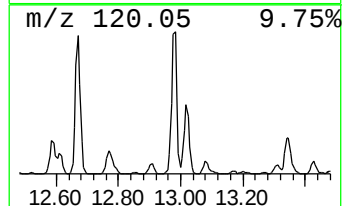
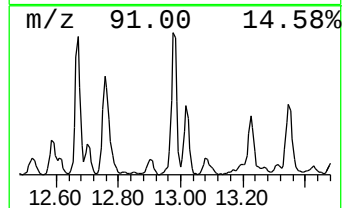
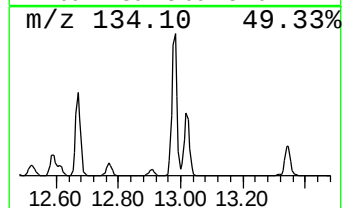
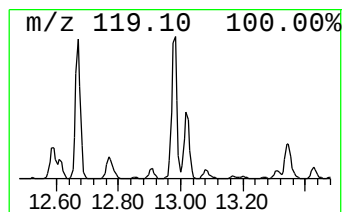
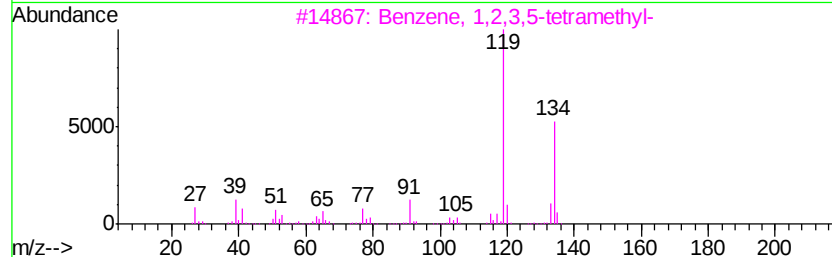
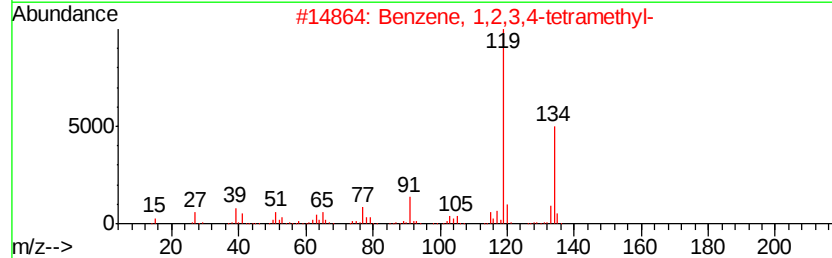
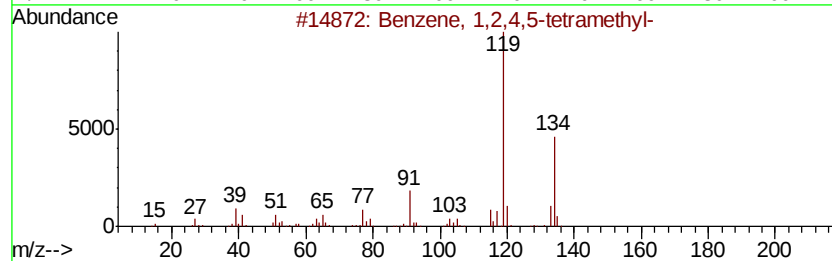
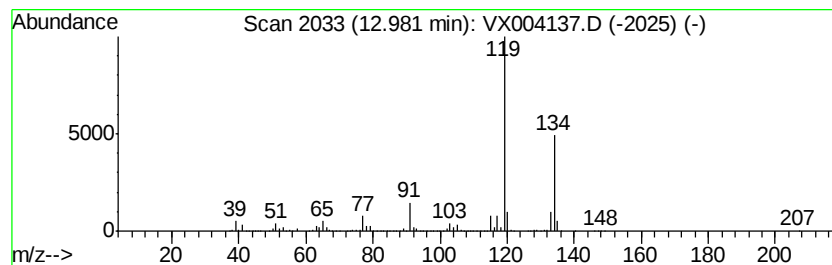
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	95.91 ug/l	2447580	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081718\
Data File : VX004137.D
Acq On : 17 Aug 2018 17:29
Operator : JC/MD
Sample : J4522-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

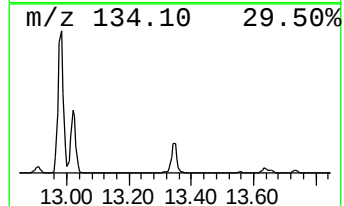
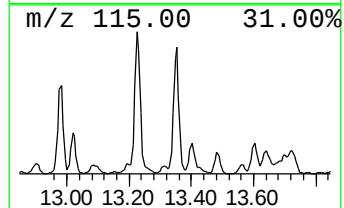
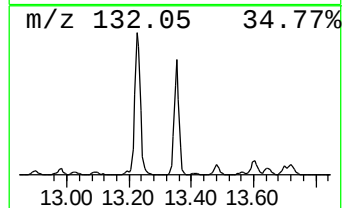
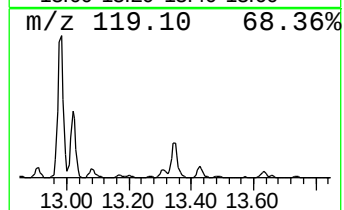
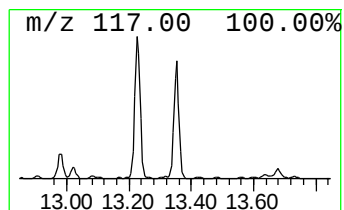
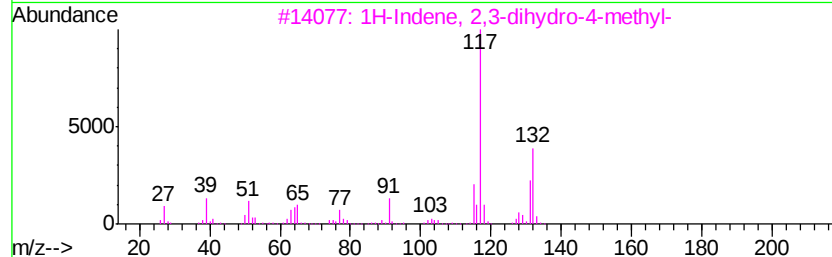
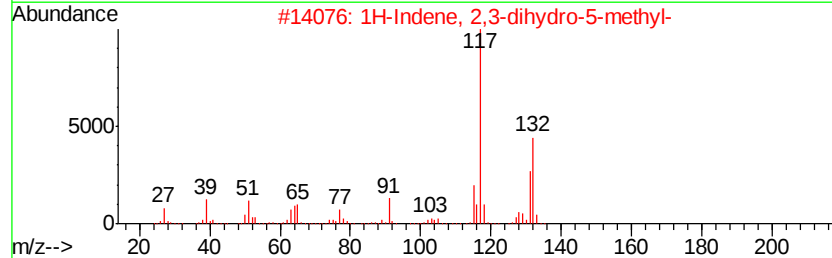
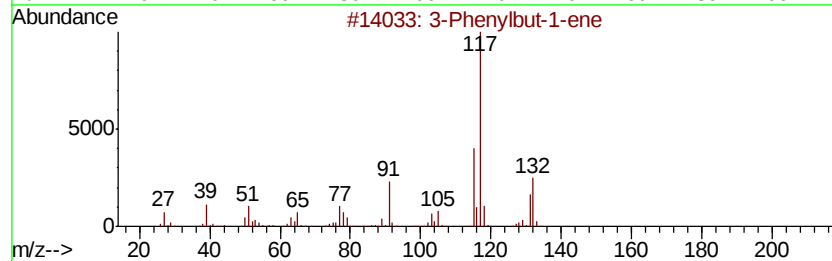
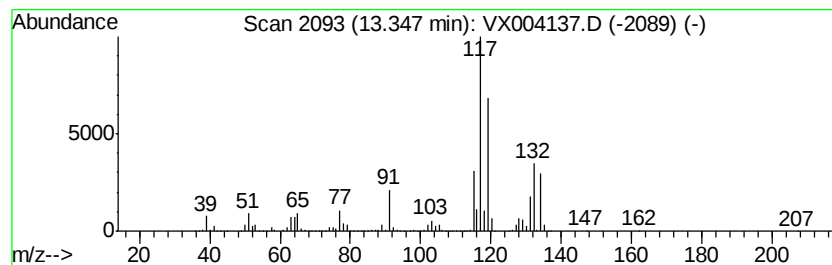
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260

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

Peak Number 10 3-Phenylbut-1-ene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	62.08 ug/l	1584310	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	64
4	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	64
5	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081718\
Data File : VX004137.D
Acq On : 17 Aug 2018 17:29
Operator : JC/MD
Sample : J4522-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.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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Butane, 2,3-dimet...	2.85	137.5	ug/l	2032010	1	5.67	738867	50.0
Cyclopentane, met...	4.40	95.5	ug/l	1411860	1	5.67	738867	50.0
Pentane, 2,3-dime...	5.72	63.8	ug/l	942128	1	5.67	738867	50.0
Benzene, 1-etheny...	12.30	201.5	ug/l	5142780	4	12.08	1276030	50.0
Benzene, 1-ethyl-...	12.67	79.0	ug/l	2014750	4	12.08	1276030	50.0
Benzene, 1-etheny...	12.76	85.6	ug/l	2184310	4	12.08	1276030	50.0
Benzene, 1,2,4,5-...	12.98	95.9	ug/l	2447580	4	12.08	1276030	50.0
3-Phenylbut-1-ene	13.35	62.1	ug/l	1584310	4	12.08	1276030	50.0