

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004225.D
 Acq On : 23 Aug 2018 14:33
 Operator : JC/MD
 Sample : J4579-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0543

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\82X082218W.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	92	rBV	1518165	1992078	6.72%	0.857%
2	1.788	191	197	211	rVB	1262182	1757951	5.93%	0.756%
3	1.996	226	231	246	rVB	1685633	2411023	8.13%	1.037%
4	2.392	288	296	303	rBV	364372	710267	2.40%	0.306%
5	2.837	361	369	372	rBV	587551	1215079	4.10%	0.523%
6	2.886	372	377	401	rVB	2142575	4968110	16.75%	2.137%
7	3.166	413	423	445	rVB	1823049	4102707	13.84%	1.765%
8	3.514	470	480	499	rBV	1950728	4426705	14.93%	1.904%
9	4.398	613	625	639	rVB	4314655	12414297	41.86%	5.341%
10	5.507	790	807	808	rBV2	216567	469665	1.58%	0.202%
11	5.574	808	818	829	rVV	4004314	13043563	43.99%	5.611%
12	5.660	829	832	838	rVV	323847	833372	2.81%	0.359%
13	5.721	839	842	862	rVV2	190280	487717	1.64%	0.210%
14	5.928	863	876	890	rVV5	533839	1864016	6.29%	0.802%
15	6.068	890	899	913	rVB	223339	571733	1.93%	0.246%
16	6.257	918	930	939	rVV2	372443	1137096	3.83%	0.489%
17	6.355	939	946	954	rVV	363249	994631	3.35%	0.428%
18	6.452	954	962	977	rVB	542317	1471900	4.96%	0.633%
19	6.861	1019	1029	1039	rBV	479716	1120322	3.78%	0.482%
20	7.464	1113	1128	1140	rBV	5298046	11806897	39.82%	5.079%
21	7.732	1165	1172	1182	rVB	334659	639422	2.16%	0.275%
22	8.665	1318	1325	1328	rBV2	471190	816465	2.75%	0.351%
23	8.714	1328	1333	1339	rVV	1221351	2123588	7.16%	0.914%
24	8.787	1339	1345	1350	rVV	1113261	1714214	5.78%	0.737%
25	9.037	1381	1386	1398	rVB	364045	586409	1.98%	0.252%
26	9.165	1398	1407	1413	rBV	281863	453741	1.53%	0.195%
27	9.622	1478	1482	1487	rVB	449198	615274	2.07%	0.265%
28	10.116	1557	1563	1569	rBV	926419	1237988	4.17%	0.533%
29	10.189	1569	1575	1580	rBV	233457	336981	1.14%	0.145%
30	10.256	1580	1586	1592	rBV	6217392	8284621	27.94%	3.564%
31	10.360	1594	1603	1609	rBV	21784909	29653791	100.00%	12.757%
32	10.701	1654	1659	1669	rVB	7314794	9005262	30.37%	3.874%
33	11.018	1706	1711	1723	rVB	1695059	2086128	7.03%	0.897%
34	11.140	1725	1731	1735	rBV	1019078	1265839	4.27%	0.545%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	11.360	1758	1767	1774	rBV	2890355	3465644	11.69%	1.491%
36	11.439	1774	1780	1787	rVV	12158135	20792484	70.12%	8.945%
37	11.506	1787	1791	1801	rVB	8611263	10411625	35.11%	4.479%
38	11.671	1812	1818	1828	rBV	4816272	5963497	20.11%	2.566%
39	11.811	1836	1841	1846	rVB	19982195	24332837	82.06%	10.468%
40	12.024	1870	1876	1880	rBV	548950	676281	2.28%	0.291%
41	12.079	1880	1885	1890	rVB2	1373491	1914462	6.46%	0.824%
42	12.146	1890	1896	1901	rBV	5748498	7101276	23.95%	3.055%
43	12.299	1915	1921	1929	rBV2	2370230	4006946	13.51%	1.724%
44	12.372	1929	1933	1943	rVB3	1735141	2605570	8.79%	1.121%
45	12.518	1953	1957	1963	rVB	439226	517682	1.75%	0.223%
46	12.585	1963	1968	1970	rBV	799661	991989	3.35%	0.427%
47	12.610	1970	1972	1977	rVV	859811	992910	3.35%	0.427%
48	12.670	1977	1982	1985	rVV	1184446	1387735	4.68%	0.597%
49	12.701	1985	1987	1992	rVV	376678	430682	1.45%	0.185%
50	12.762	1992	1997	2004	rVB2	816167	1389782	4.69%	0.598%
51	12.902	2015	2020	2025	rVB2	473545	638216	2.15%	0.275%
52	12.975	2025	2032	2036	rBV	651314	875202	2.95%	0.377%
53	13.018	2036	2039	2045	rVB	1027853	1199953	4.05%	0.516%
54	13.225	2065	2073	2077	rBV	1136409	1451962	4.90%	0.625%
55	13.347	2089	2093	2099	rVB2	2429204	3333314	11.24%	1.434%
56	13.481	2110	2115	2121	rVB	1791116	2171570	7.32%	0.934%
57	13.835	2166	2173	2181	rVB	2470943	3103312	10.47%	1.335%
58	14.286	2240	2247	2255	rBV	317822	570186	1.92%	0.245%
59	14.695	2307	2314	2325	rBV	2713330	3394176	11.45%	1.460%
60	14.841	2332	2338	2347	rBV	1755031	2109856	7.11%	0.908%

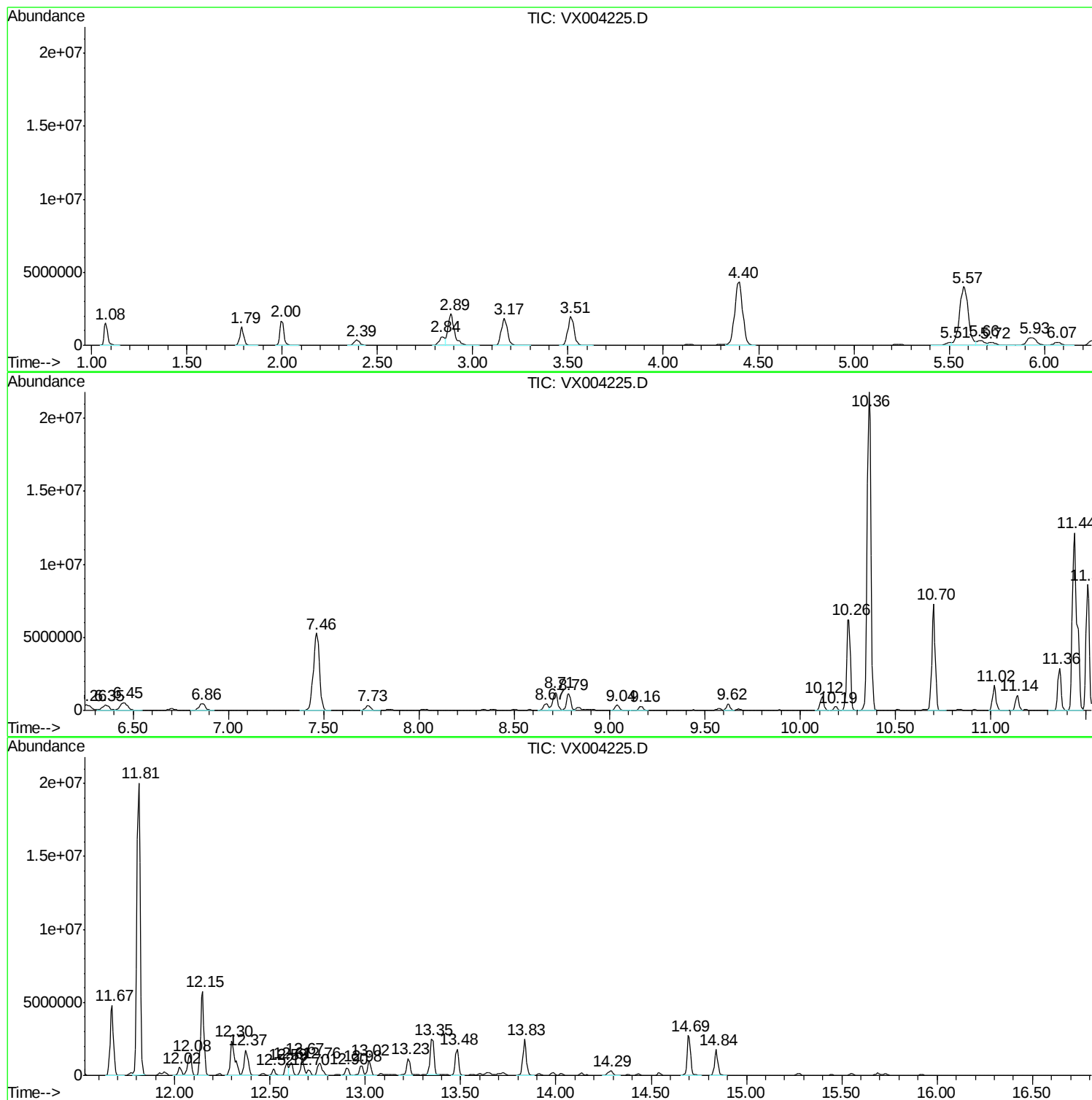
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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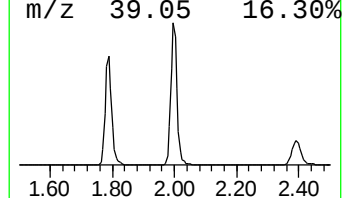
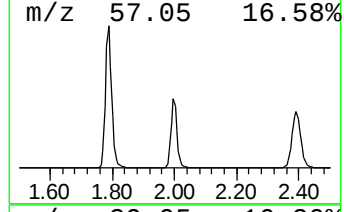
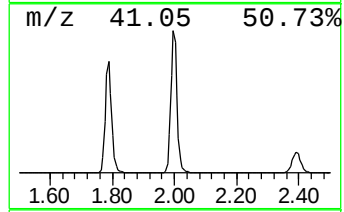
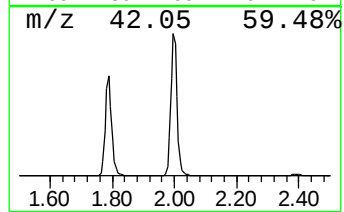
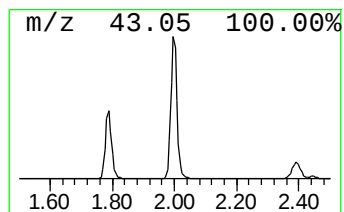
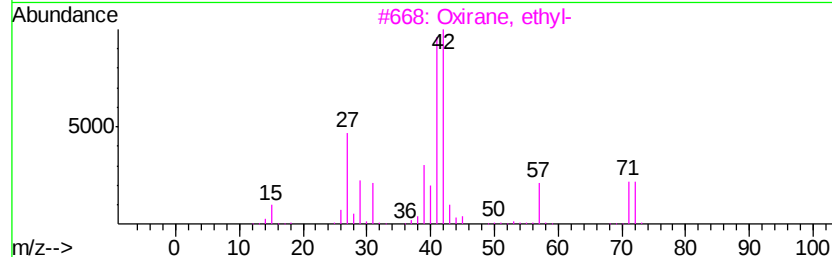
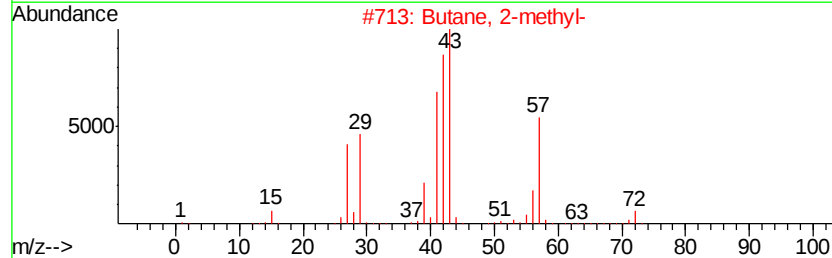
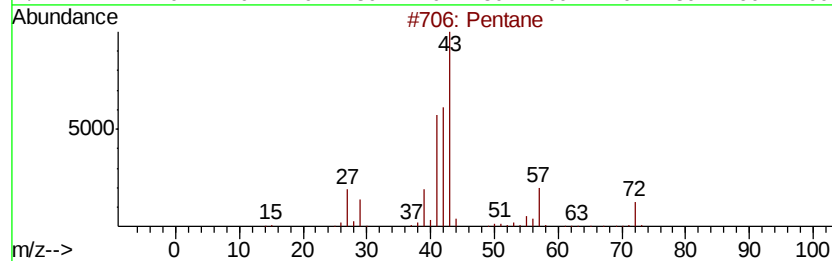
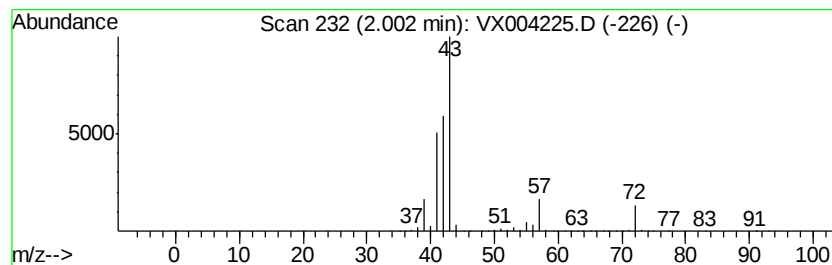
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	144.66 ug/l	2411020	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	38
3		Oxirane, ethyl-	72	C4H8O	000106-88-7	33
4		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	17
5		Propanal, 2-methyl-	72	C4H8O	000078-84-2	9



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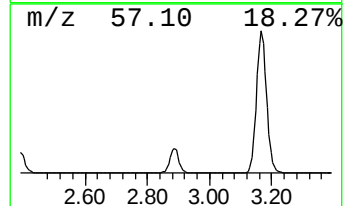
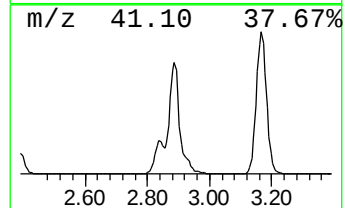
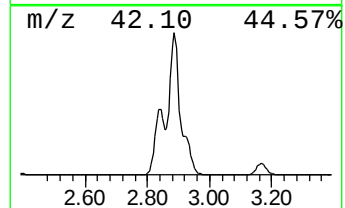
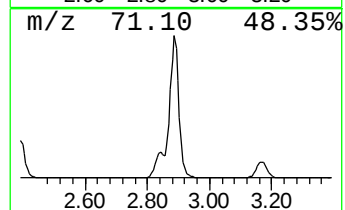
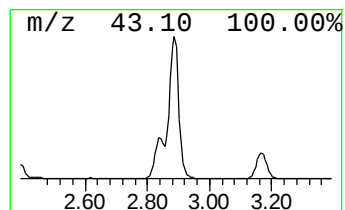
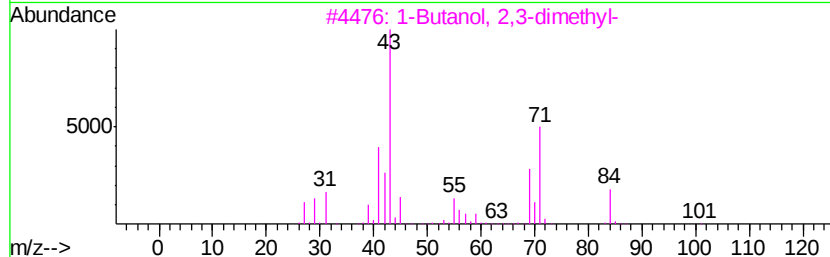
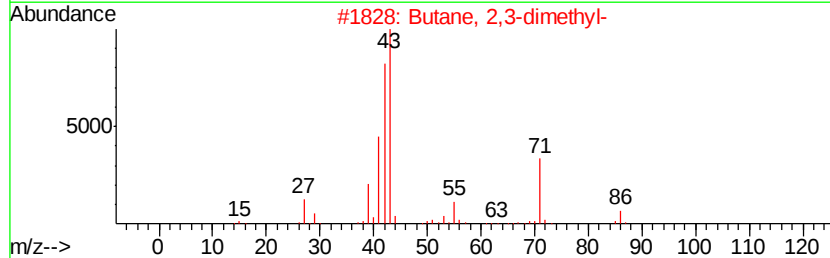
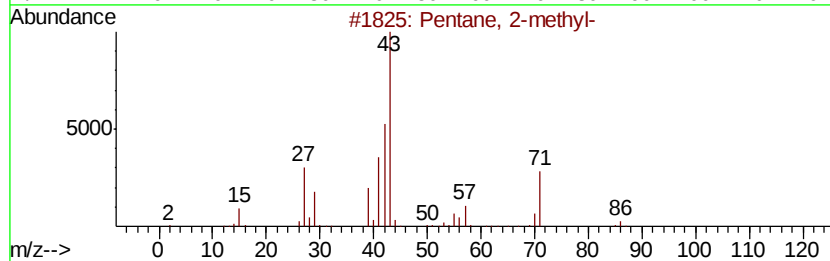
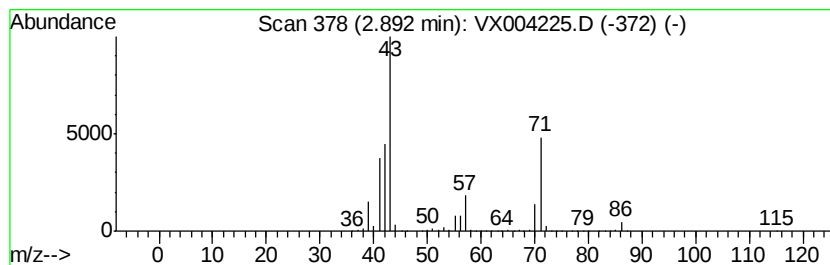
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	298.07 ug/l	4968110	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
3		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

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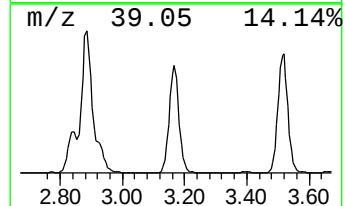
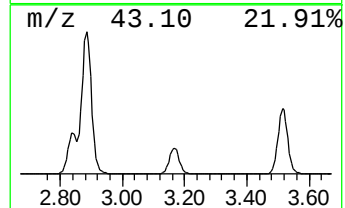
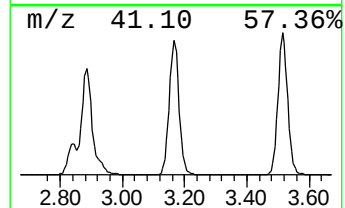
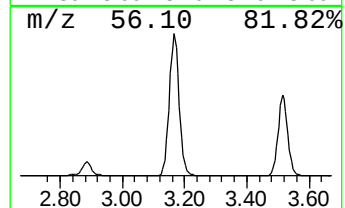
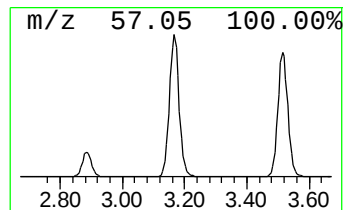
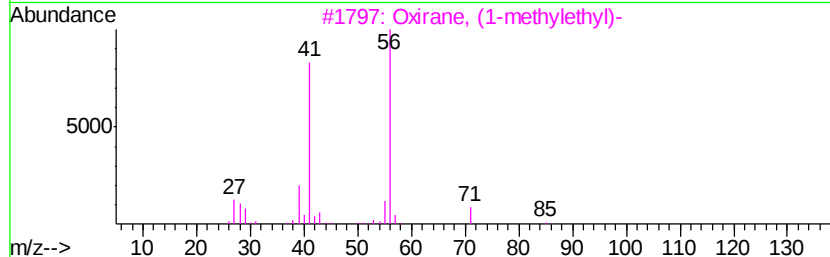
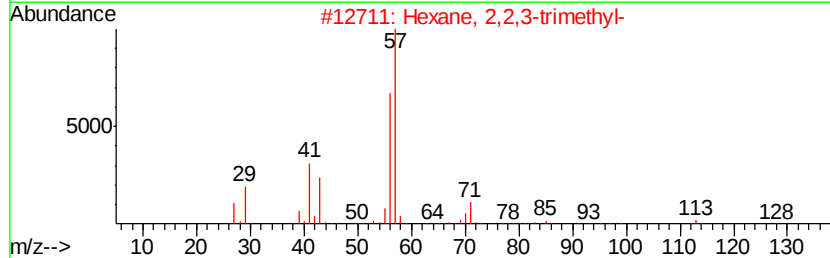
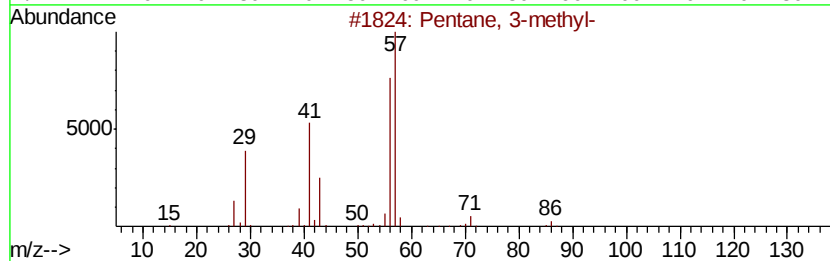
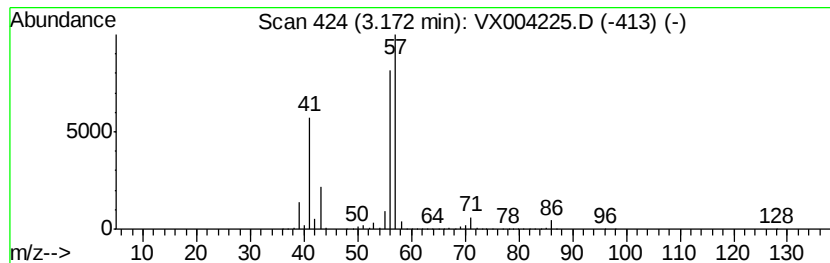
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	246.15 ug/l	4102710	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
4		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	43
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40



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Instrument :
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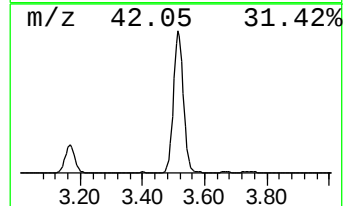
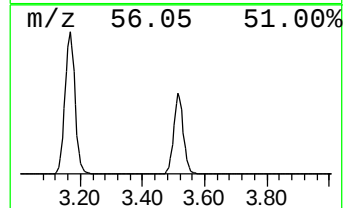
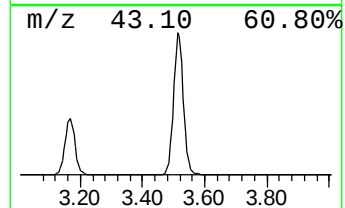
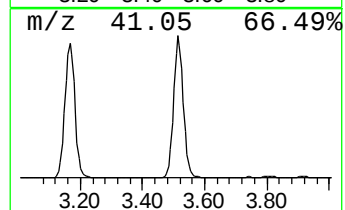
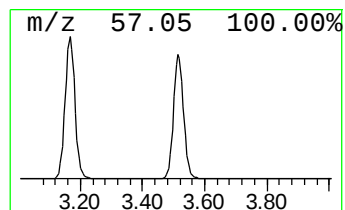
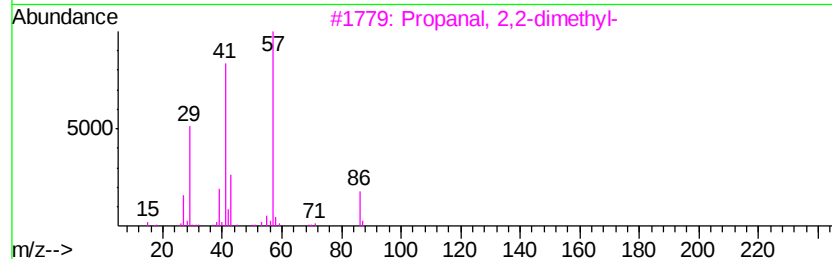
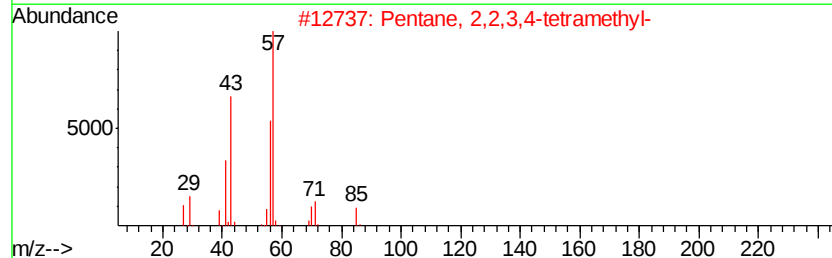
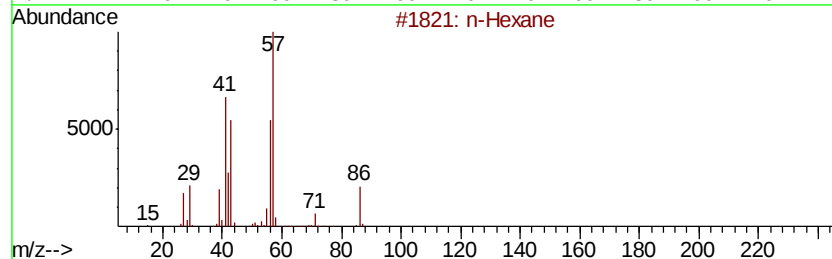
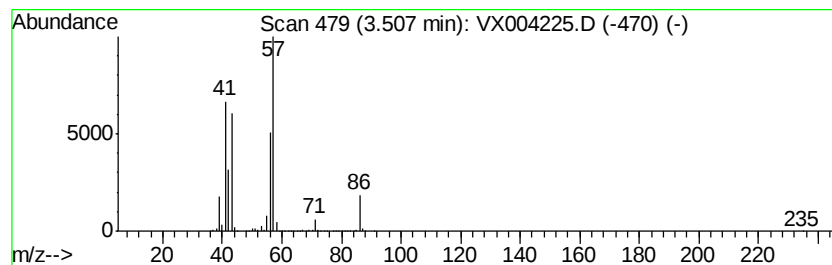
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 5 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	265.59 ug/l	4426710	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
3		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
4		Morpholine	87	C4H9NO	000110-91-8	38
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	32



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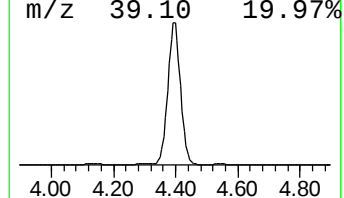
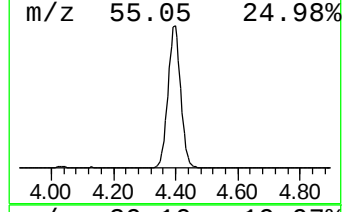
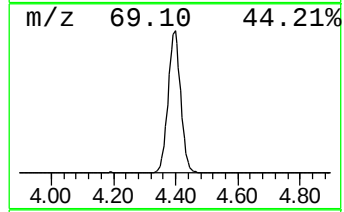
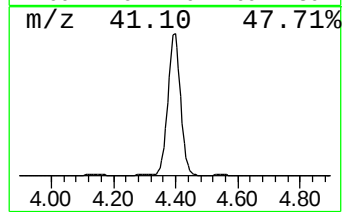
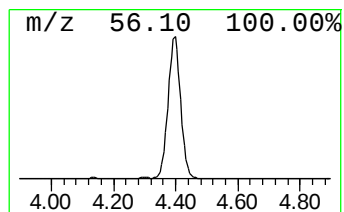
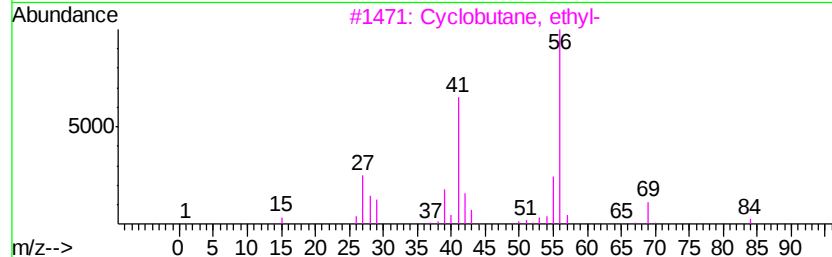
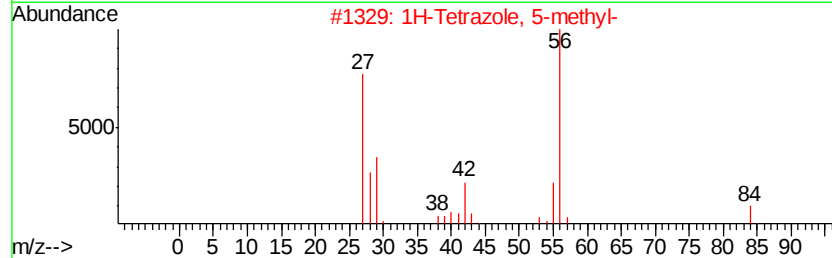
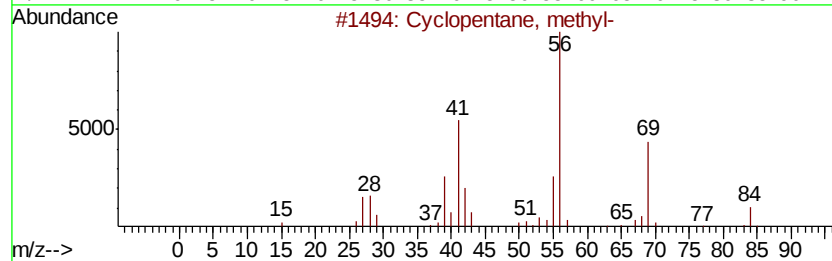
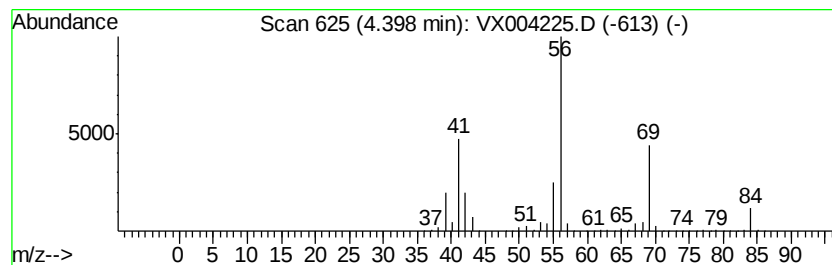
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Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	744.82 ug/l	12414300	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4		Cyclohexane	84	C6H12	000110-82-7	56
5		Cyclobutane, butyl-	112	C8H16	013152-44-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004225.D
Acq On : 23 Aug 2018 14:33
Operator : JC/MD
Sample : J4579-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FL-0543

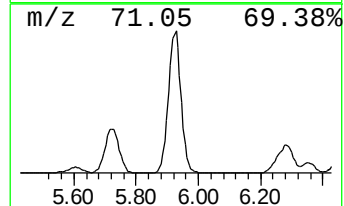
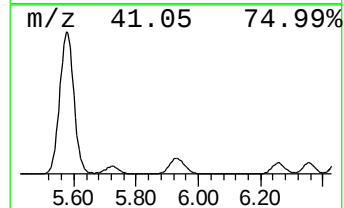
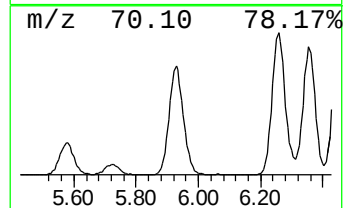
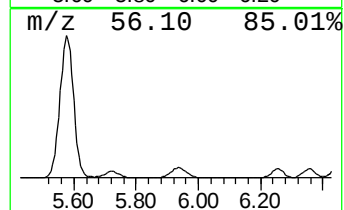
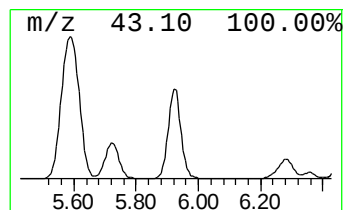
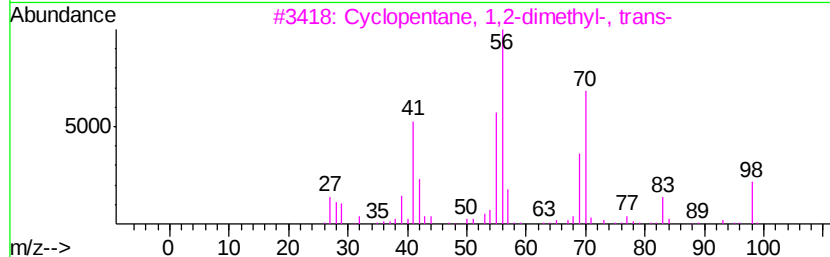
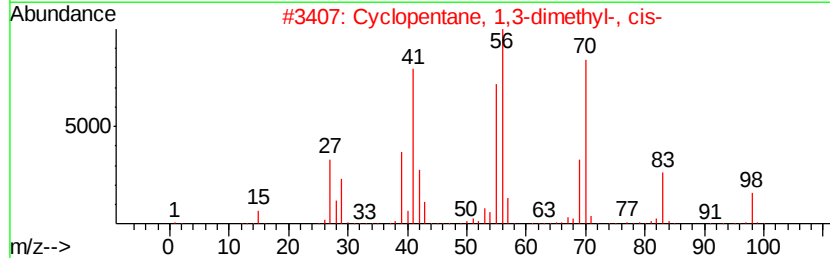
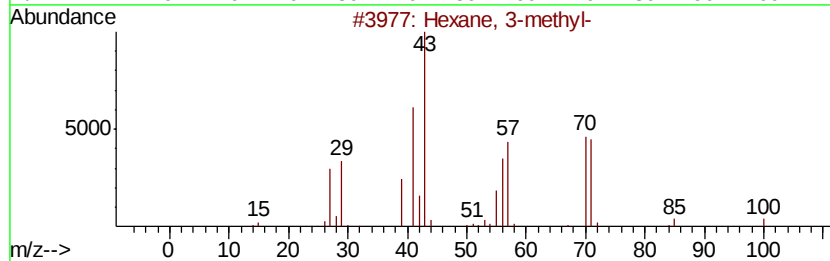
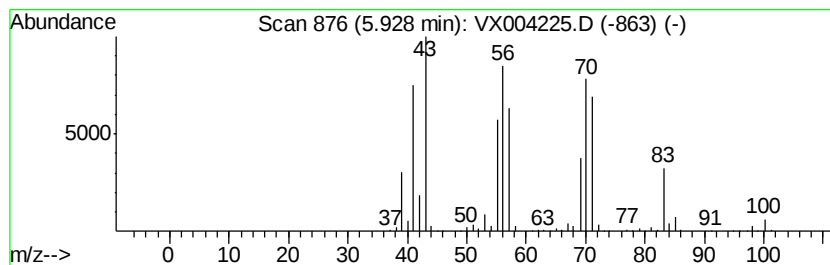
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Quant Title : SW846 8260

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

Peak Number 7 Hexane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	111.84 ug/l	1864020	Pentafluorobenzene	5.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	62
2		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	59
3		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	59
4		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
5		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004225.D
Acq On : 23 Aug 2018 14:33
Operator : JC/MD
Sample : J4579-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0543

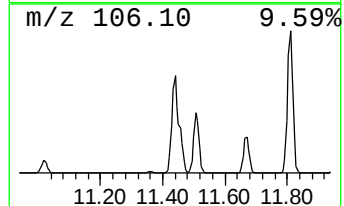
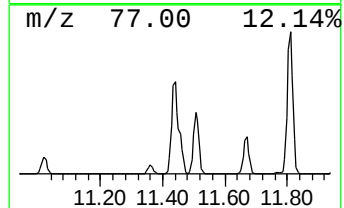
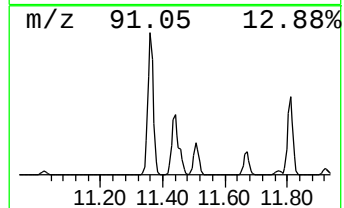
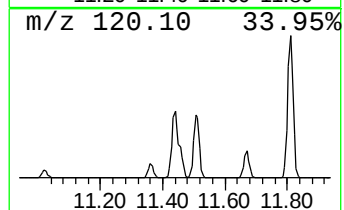
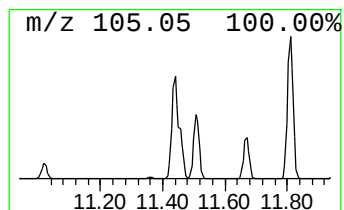
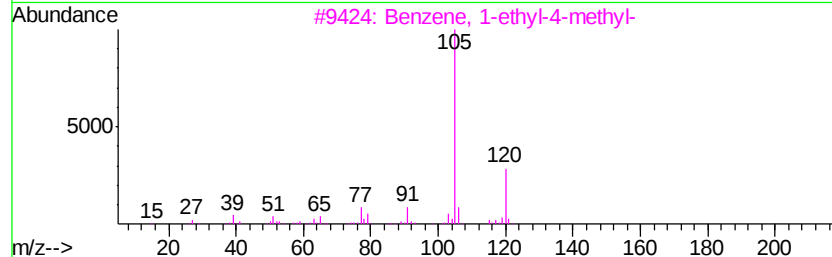
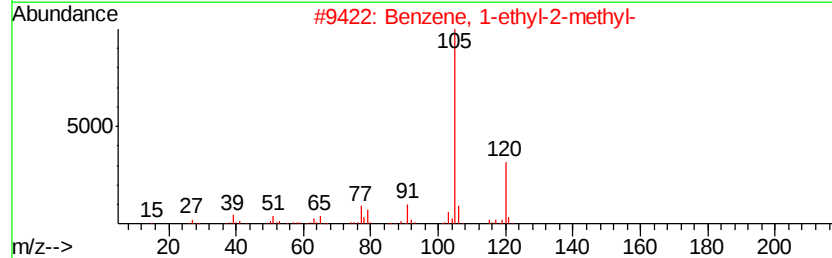
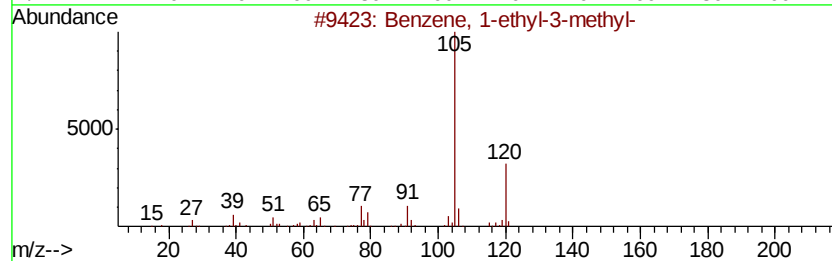
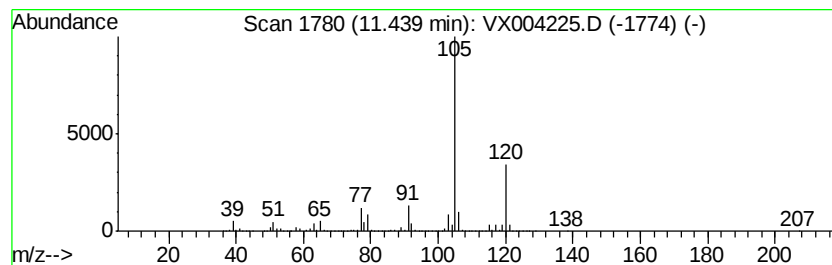
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	543.04 ug/l	20792500	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004225.D
Acq On : 23 Aug 2018 14:33
Operator : JC/MD
Sample : J4579-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FL-0543

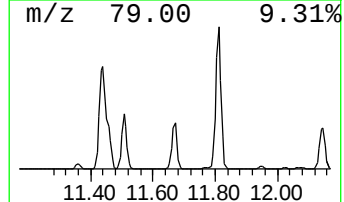
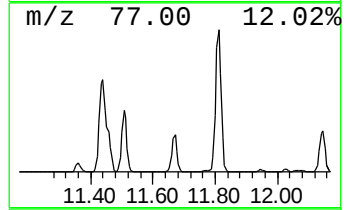
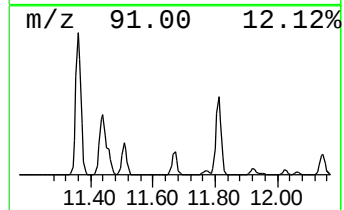
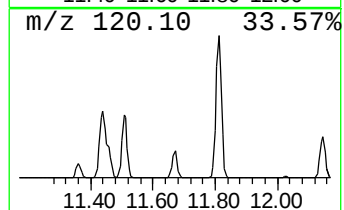
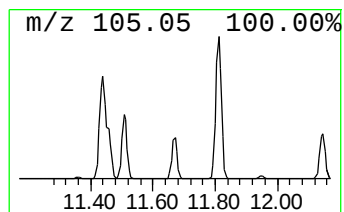
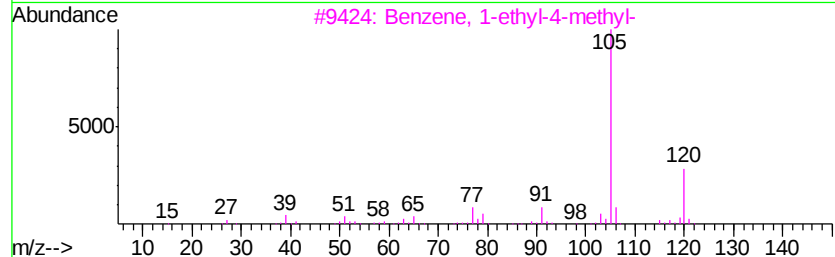
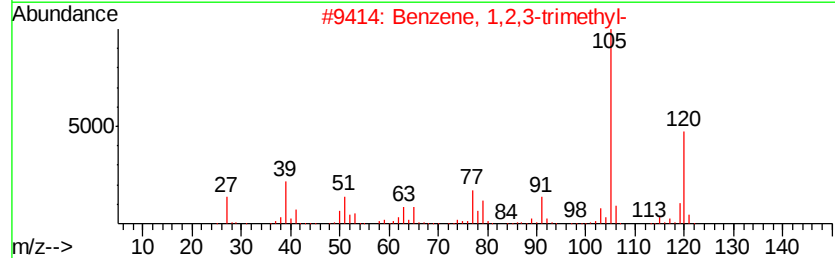
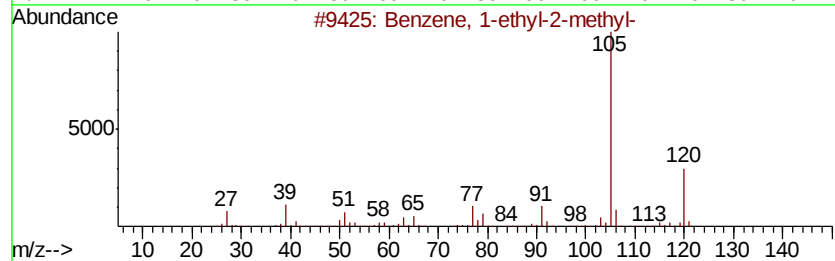
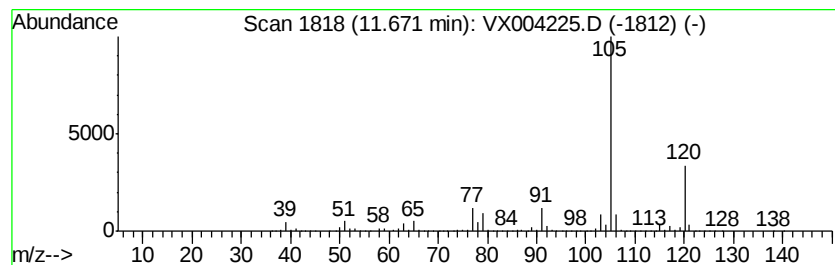
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	155.75 ug/l	5963500	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004225.D
Acq On : 23 Aug 2018 14:33
Operator : JC/MD
Sample : J4579-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FL-0543

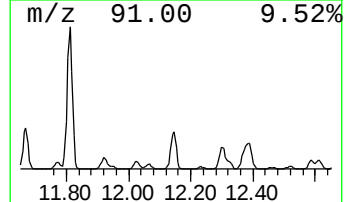
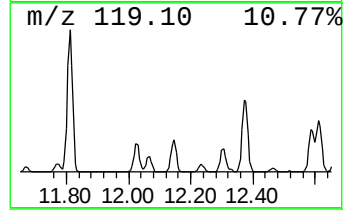
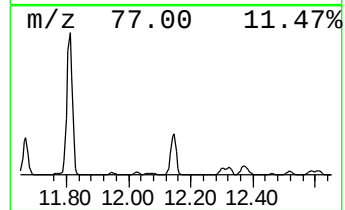
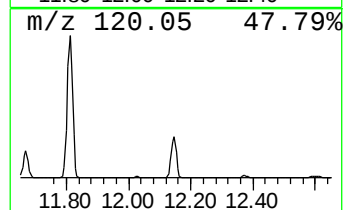
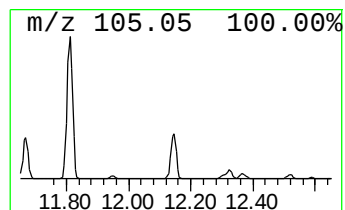
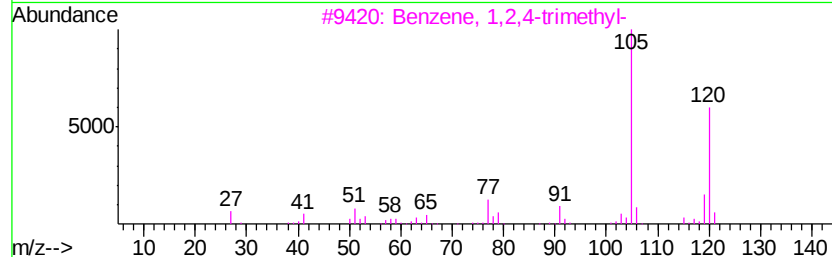
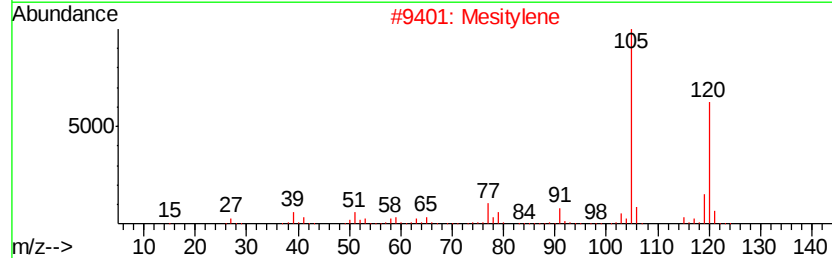
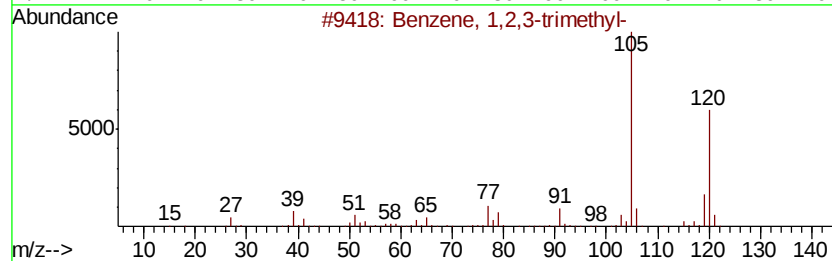
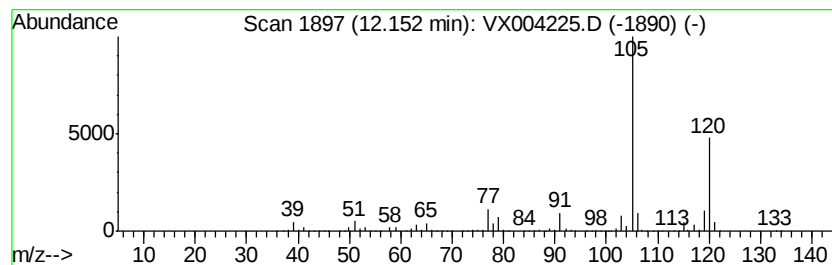
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	185.46 ug/l	7101280	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082318\
Data File : VX004225.D
Acq On : 23 Aug 2018 14:33
Operator : JC/MD
Sample : J4579-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0543

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.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
Pentane	2.00	144.7	ug/l	2411020	1	5.67	833372	50.0
Pentane, 2-methyl-	2.89	298.1	ug/l	4968110	1	5.67	833372	50.0
Pentane, 3-methyl-	3.17	246.2	ug/l	4102710	1	5.67	833372	50.0
n-Hexane	3.51	265.6	ug/l	4426710	1	5.67	833372	50.0
Cyclopentane, met...	4.40	744.8	ug/l	12414300	1	5.67	833372	50.0
Hexane, 3-methyl-	5.93	111.8	ug/l	1864020	1	5.67	833372	50.0
Benzene, 1-ethyl-...	11.44	543.0	ug/l	20792500	4	12.08	1914460	50.0
Benzene, 1-ethyl-...	11.67	155.8	ug/l	5963500	4	12.08	1914460	50.0
Benzene, 1,2,3-tr...	12.15	185.5	ug/l	7101280	4	12.08	1914460	50.0