

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000156.D
 Acq On : 27 Feb 2018 20:33
 Operator : JC/MD
 Sample : J1683-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 RFK-RMAB-MW12-GW

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\82X021418W.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	93	rBV	650863	722150	4.79%	1.165%
2	1.270	108	112	115	rBV	211369	259004	1.72%	0.418%
3	1.404	129	134	140	rBV	249274	254046	1.68%	0.410%
4	1.794	192	198	209	rVB	212692	291611	1.93%	0.470%
5	2.007	228	233	243	rVB3	98501	188592	1.25%	0.304%
6	2.270	272	276	284	rVB	142972	223403	1.48%	0.360%
7	2.818	352	366	374	rBV	67218	173198	1.15%	0.279%
8	2.934	381	385	399	rVB	105592	232212	1.54%	0.375%
9	5.513	795	808	815	rBV3	61870	184206	1.22%	0.297%
10	5.678	827	835	844	rVB	101013	269227	1.78%	0.434%
11	6.080	891	901	907	rBV2	69804	181500	1.20%	0.293%
12	6.153	907	913	924	rVB2	76160	201526	1.34%	0.325%
13	6.872	1022	1031	1040	rBV	166318	395576	2.62%	0.638%
14	8.726	1329	1335	1340	rBV	342588	524416	3.48%	0.846%
15	8.793	1340	1346	1359	rVV	2925425	4440210	29.43%	7.162%
16	10.122	1554	1564	1568	rBV	356456	521433	3.46%	0.841%
17	10.262	1582	1587	1594	rBV	1306684	1734982	11.50%	2.798%
18	10.372	1598	1605	1619	rVV	11142469	15086049	100.00%	24.333%
19	10.707	1655	1660	1680	rVB	10637649	13636596	90.39%	21.995%
20	11.146	1725	1732	1738	rBV	351973	434999	2.88%	0.702%
21	11.366	1760	1768	1775	rBV	202380	256858	1.70%	0.414%
22	11.445	1775	1781	1788	rVV	1705580	2969597	19.68%	4.790%
23	11.512	1788	1792	1798	rVB	1679580	2072945	13.74%	3.344%
24	11.676	1813	1819	1828	rBV	1564068	1928317	12.78%	3.110%
25	11.817	1837	1842	1847	rVB	3629395	4237012	28.09%	6.834%
26	12.085	1881	1886	1890	rBV	512659	636753	4.22%	1.027%
27	12.152	1890	1897	1902	rVB	2219778	2635326	17.47%	4.251%
28	12.304	1917	1922	1930	rBV2	898677	1303929	8.64%	2.103%
29	12.384	1930	1935	1942	rVB2	521618	667992	4.43%	1.077%
30	12.475	1942	1950	1954	rBV2	191845	253975	1.68%	0.410%
31	12.597	1965	1970	1971	rBV	186130	232548	1.54%	0.375%
32	12.615	1971	1973	1978	rVB	187533	212346	1.41%	0.343%
33	12.676	1978	1983	1987	rBV	430567	504014	3.34%	0.813%
34	12.762	1992	1997	2010	rVB2	269476	416400	2.76%	0.672%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.914	2017	2022	2027	rVB	174830	224220	1.49%	0.362%
36	12.987	2027	2034	2037	rBV	236194	294661	1.95%	0.475%
37	13.024	2037	2040	2047	rVB	390235	474641	3.15%	0.766%
38	13.231	2071	2074	2079	rVB	180413	201821	1.34%	0.326%
39	13.359	2090	2095	2100	rVV2	719362	935514	6.20%	1.509%
40	13.408	2100	2103	2112	rVB2	115521	165188	1.09%	0.266%
41	13.487	2112	2116	2122	rVB	125110	160802	1.07%	0.259%
42	13.841	2167	2174	2180	rBV	878474	1079946	7.16%	1.742%
43	14.700	2312	2315	2327	rVB	127124	177845	1.18%	0.287%

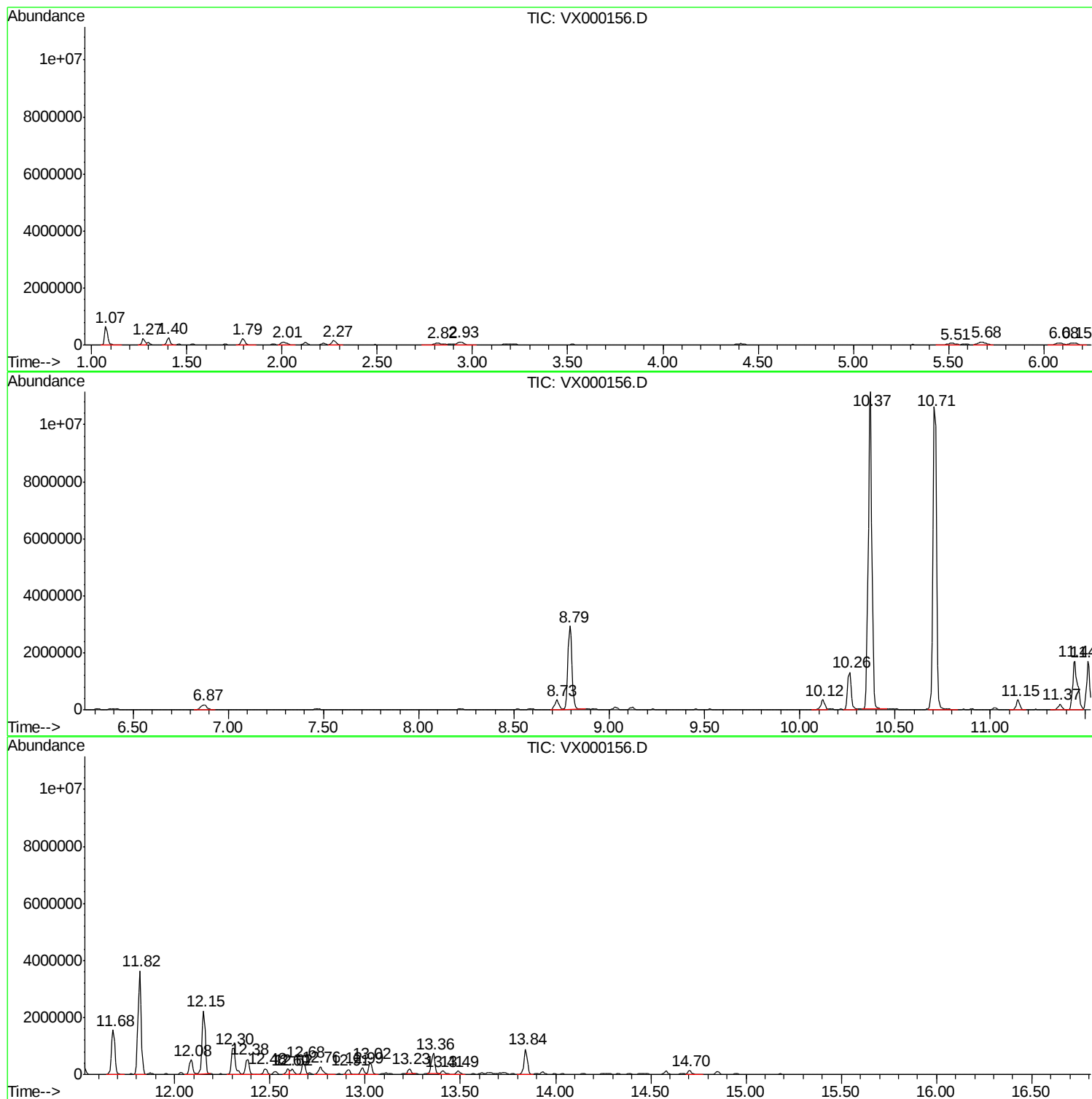
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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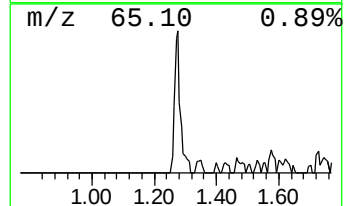
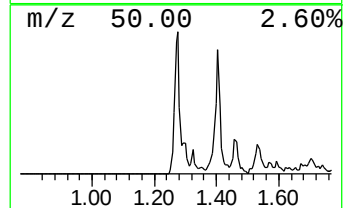
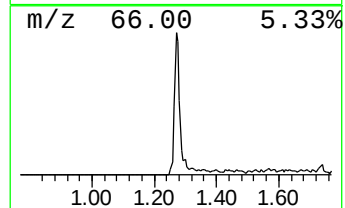
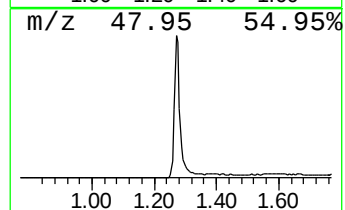
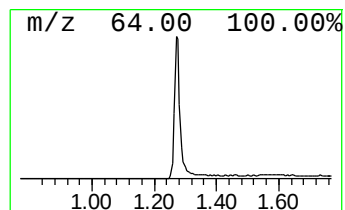
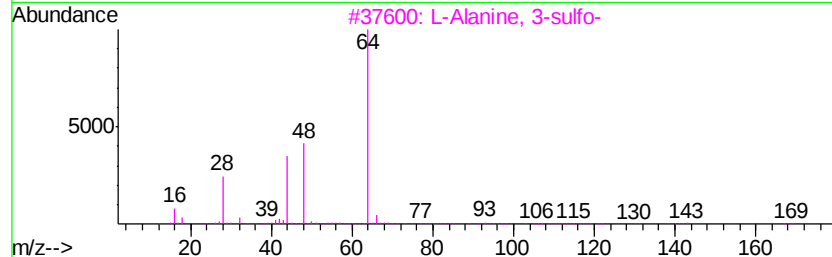
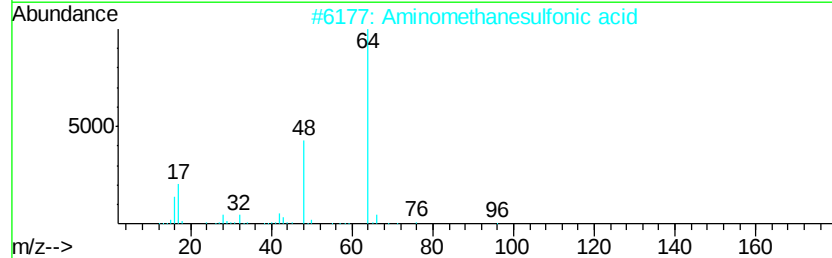
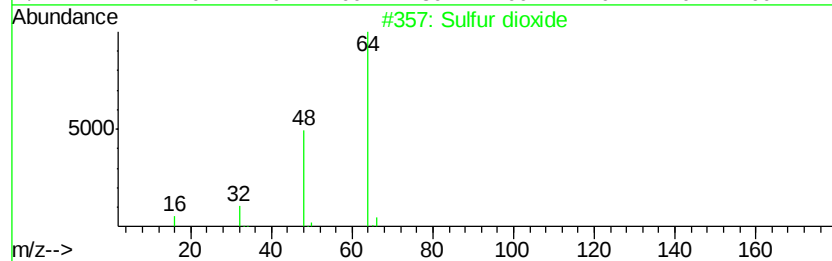
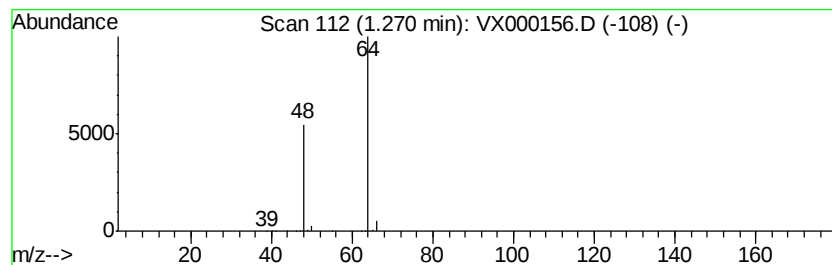
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfur dioxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	48.10 ug/l	259004	Pentafluorobenzene	5.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	4
5	Ethyl Chloride	64 C2H5Cl	000075-00-3	3



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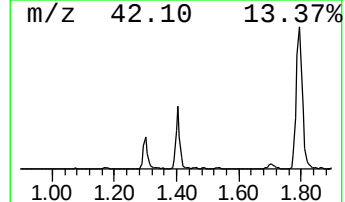
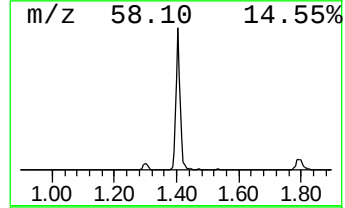
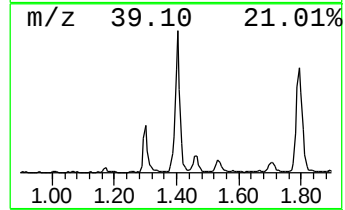
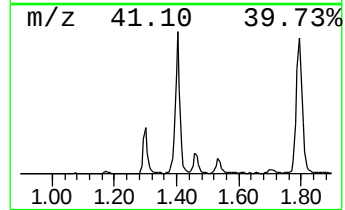
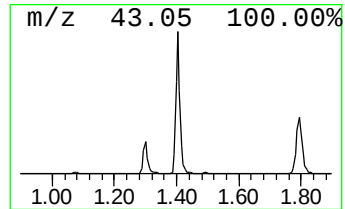
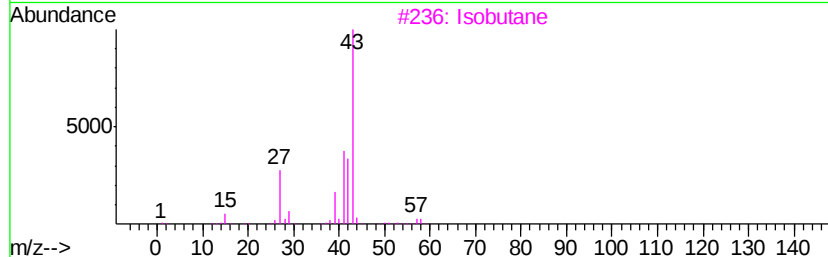
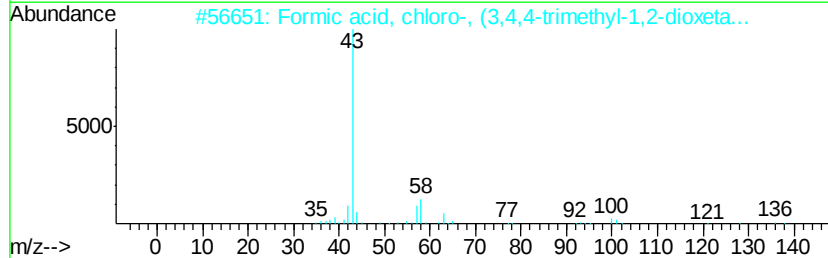
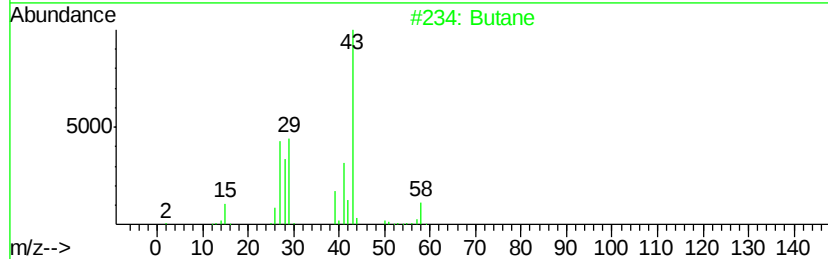
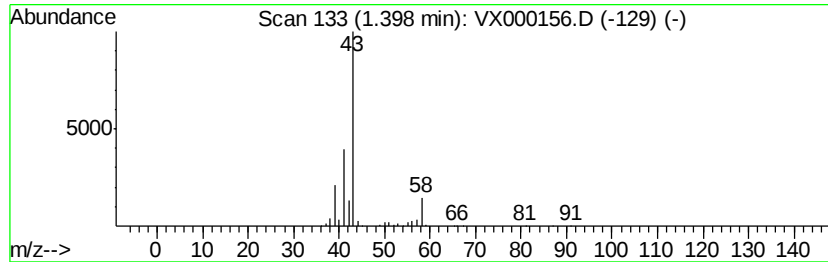
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Peak Number 3 Butane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	47.18 ug/l	254046	Pentafluorobenzene	5.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane	58	C4H10	000106-97-8	64
2		Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	9
3		Isobutane	58	C4H10	000075-28-5	9
4		Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5		Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9



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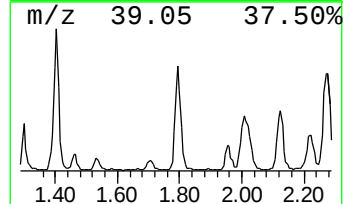
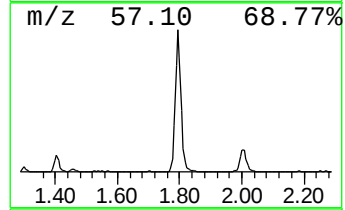
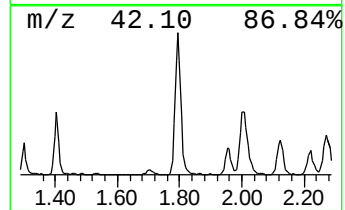
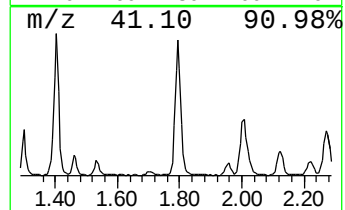
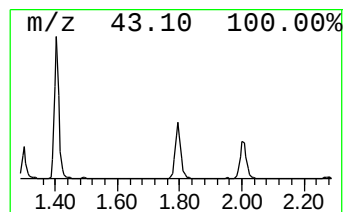
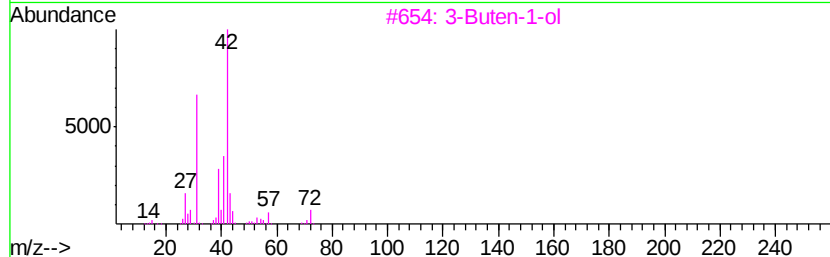
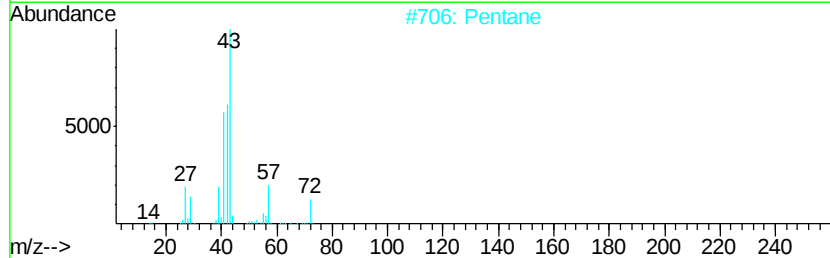
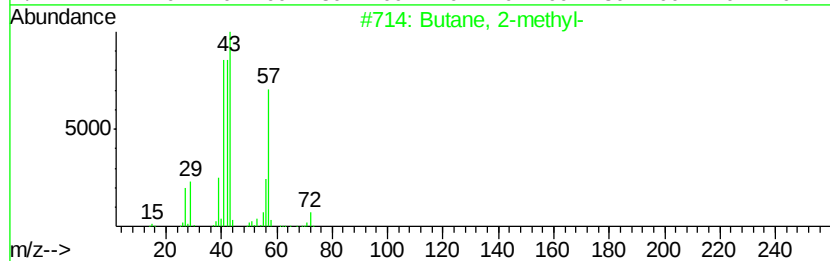
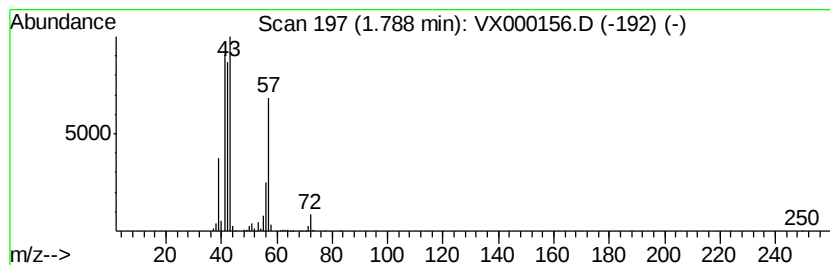
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Butane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	54.16 ug/l	291611	Pentafluorobenzene	5.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Pentane	72	C5H12	000109-66-0	36
3		3-Buten-1-ol	72	C4H8O	000627-27-0	28
4		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	12
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



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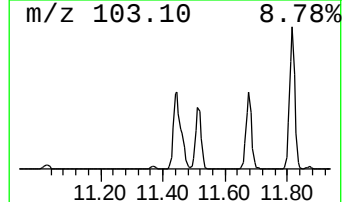
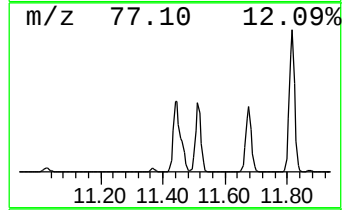
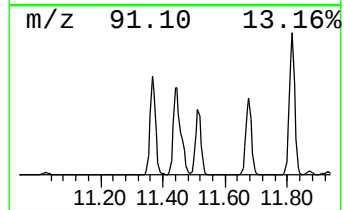
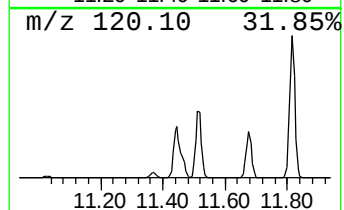
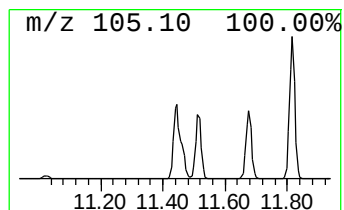
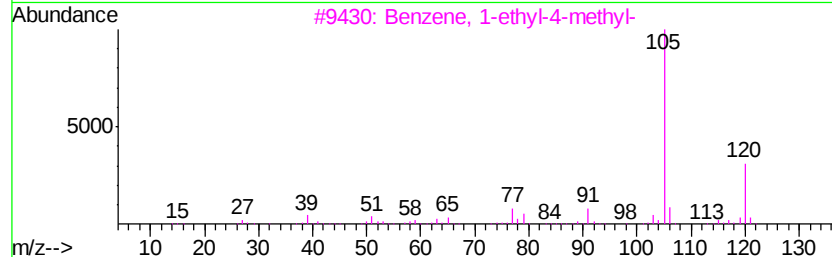
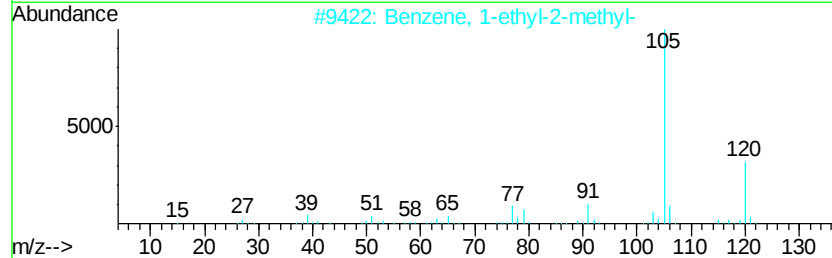
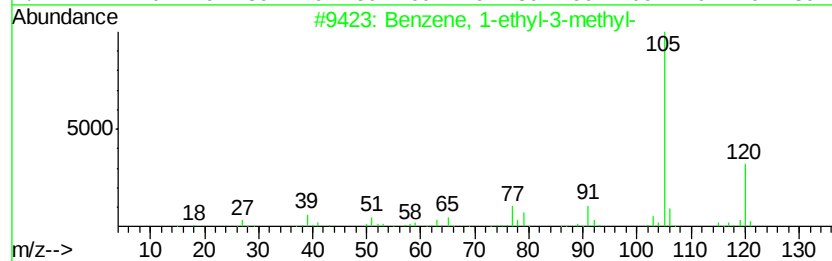
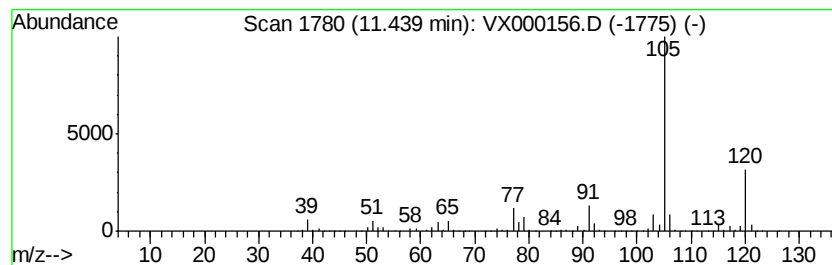
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Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	233.18 ug/l	2969600	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	95
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		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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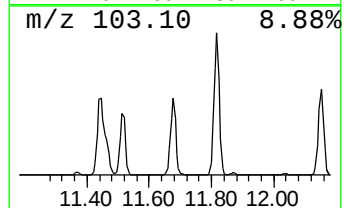
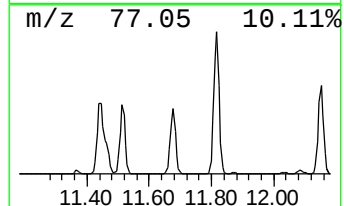
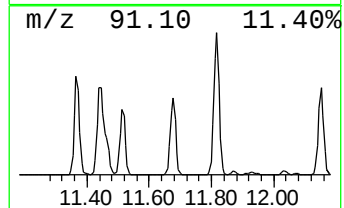
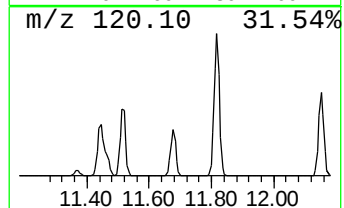
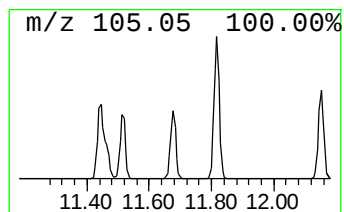
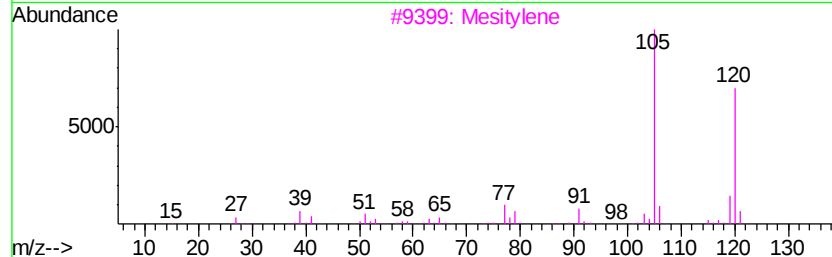
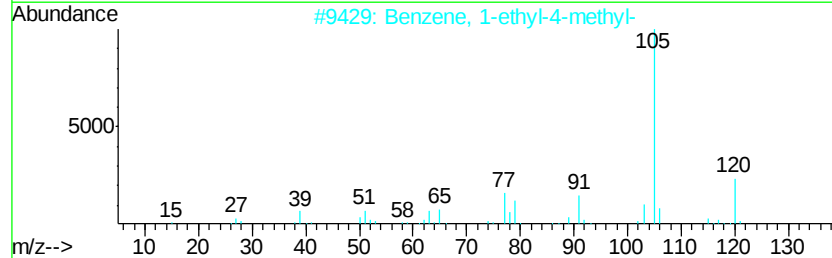
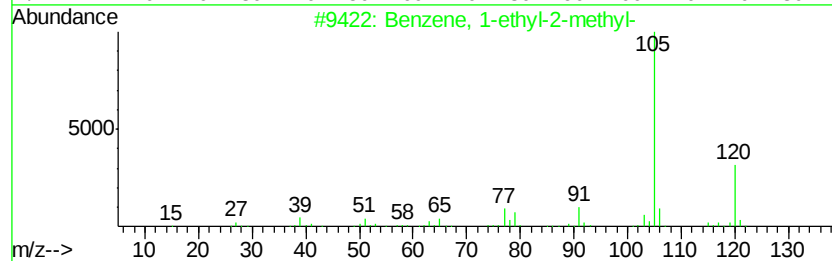
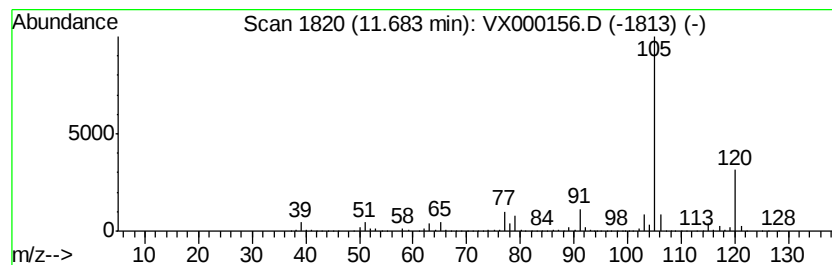
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Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	151.42 ug/l	1928320	1,4-Dichlorobenzene-d4	12.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Mesitylene	120	C9H12	000108-67-8	90
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
Data File : VX000156.D
Acq On : 27 Feb 2018 20:33
Operator : JC/MD
Sample : J1683-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
RFK-RMAB-MW12-GW

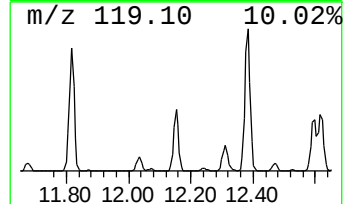
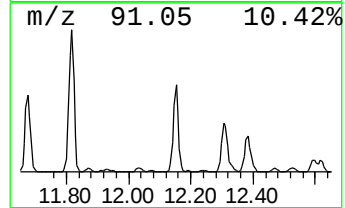
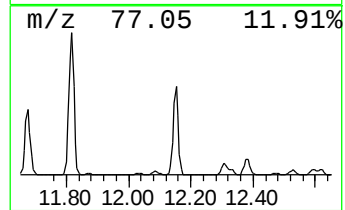
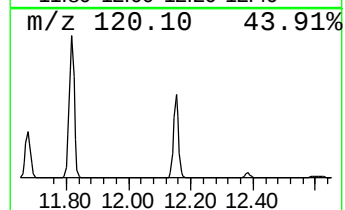
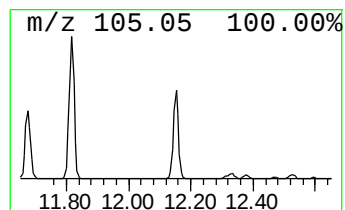
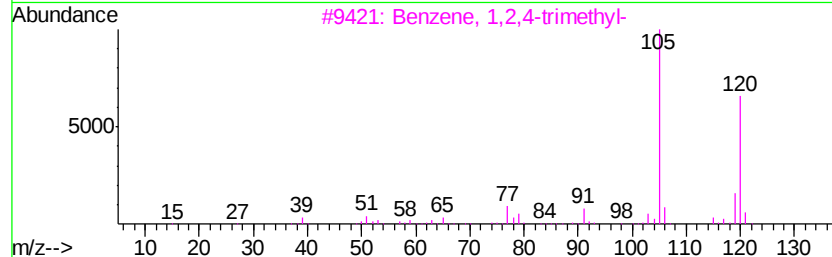
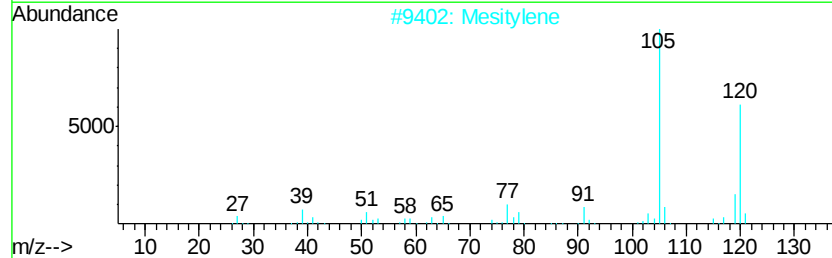
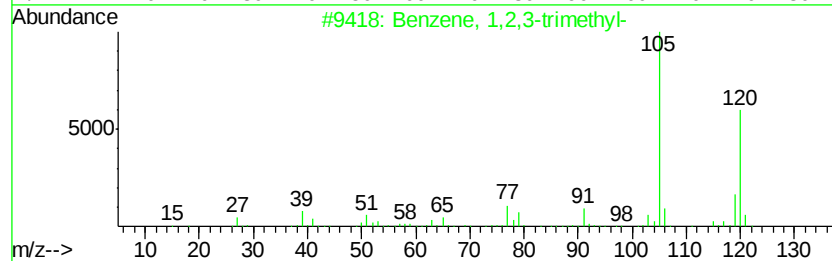
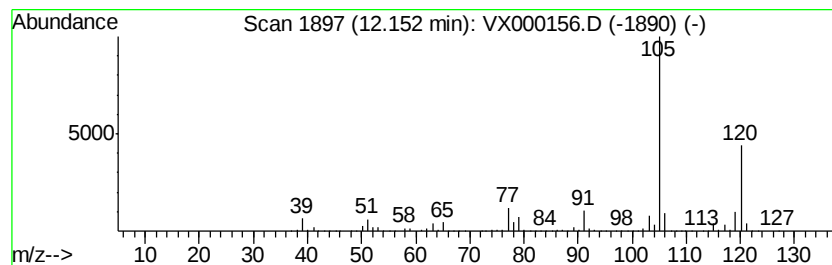
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	206.94 ug/l	2635330	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	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
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 : W:\HPCHEM1\MSVOA X\DATA\VX022718\
Data File : VX000156.D
Acq On : 27 Feb 2018 20:33
Operator : JC/MD
Sample : J1683-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
RFK-RMAB-MW12-GW

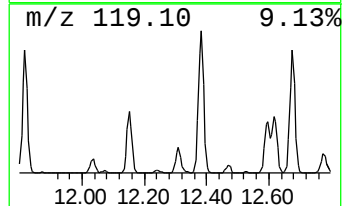
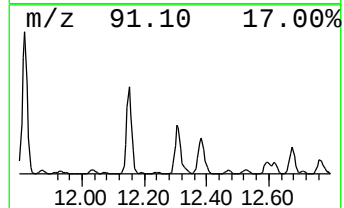
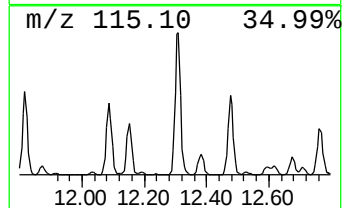
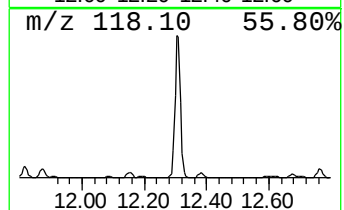
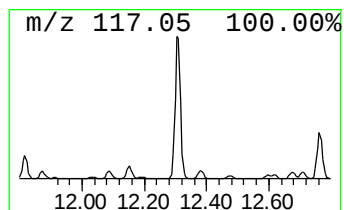
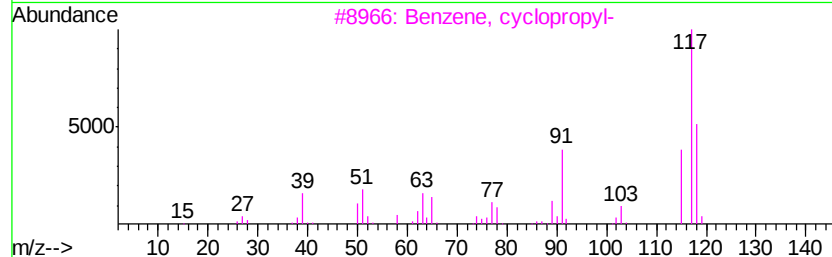
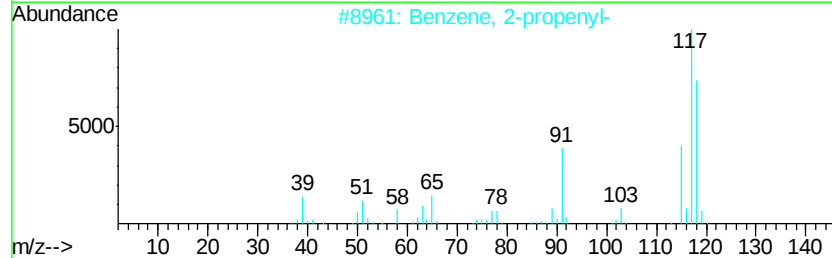
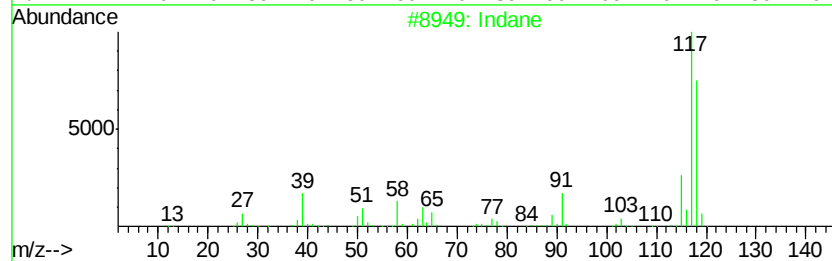
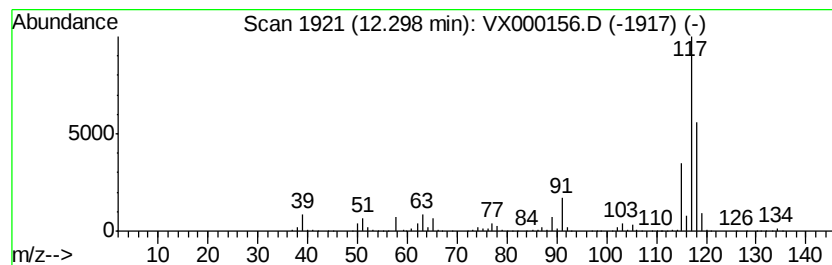
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Quant Title : SW846 8260

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

Peak Number 8 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	102.39 ug/l	1303930	1,4-Dichlorobenzene-d4	12.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-		118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	81
4	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	59
5	Deltacyclene		118	C9H10	007785-10-6	53



Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
Data File : VX000156.D
Acq On : 27 Feb 2018 20:33
Operator : JC/MD
Sample : J1683-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
RFK-RMAB-MW12-GW

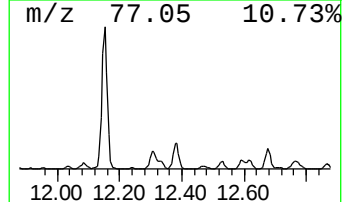
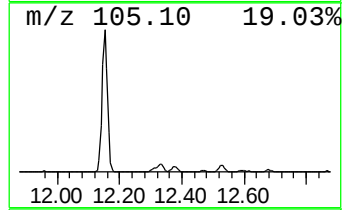
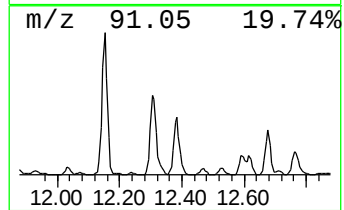
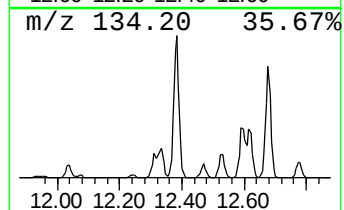
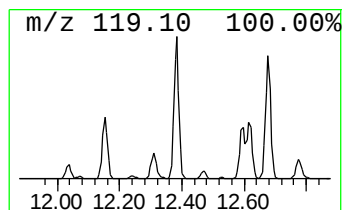
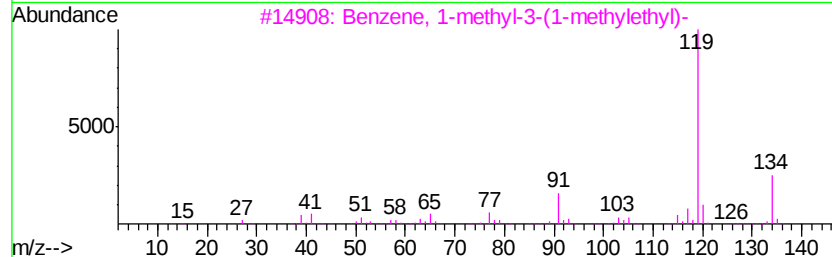
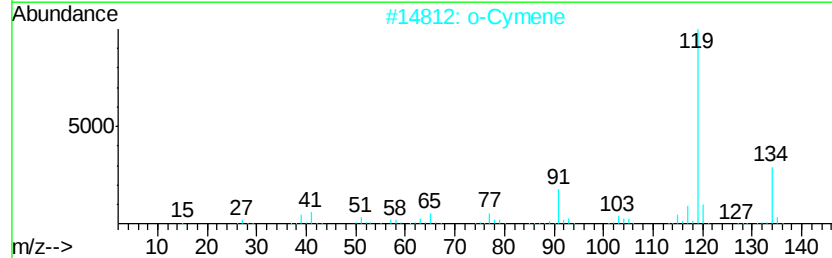
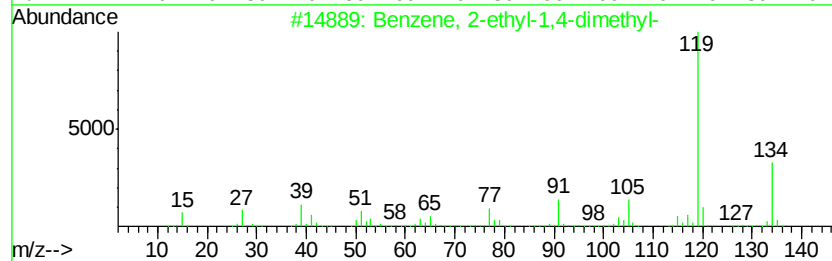
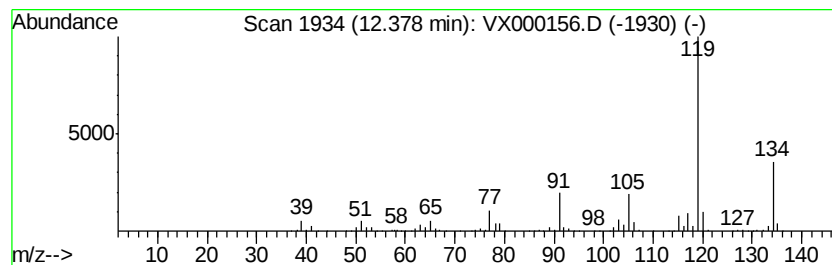
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	52.45 ug/l	667992	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
Data File : VX000156.D
Acq On : 27 Feb 2018 20:33
Operator : JC/MD
Sample : J1683-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
RFK-RMAB-MW12-GW

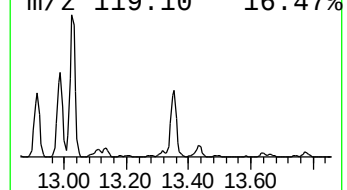
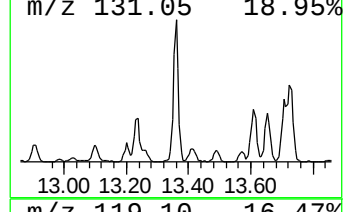
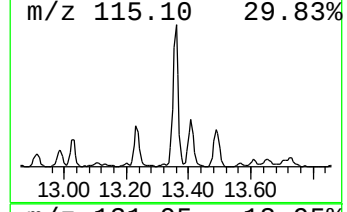
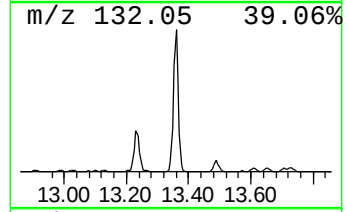
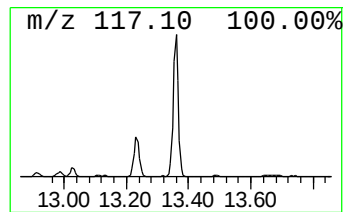
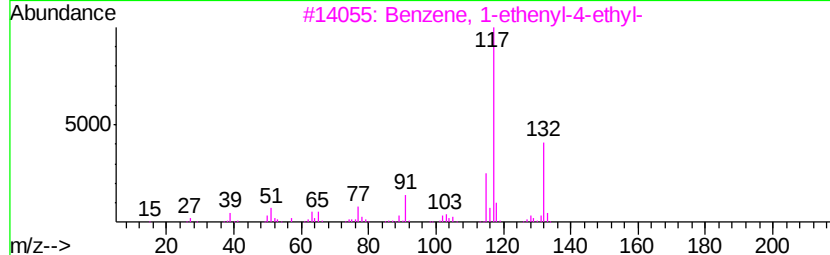
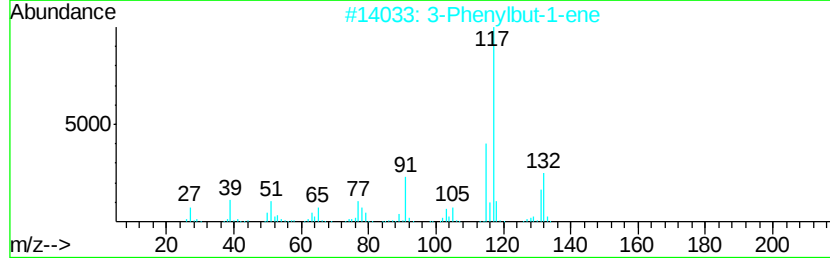
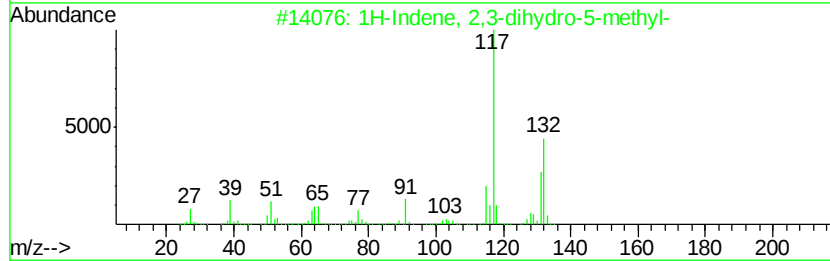
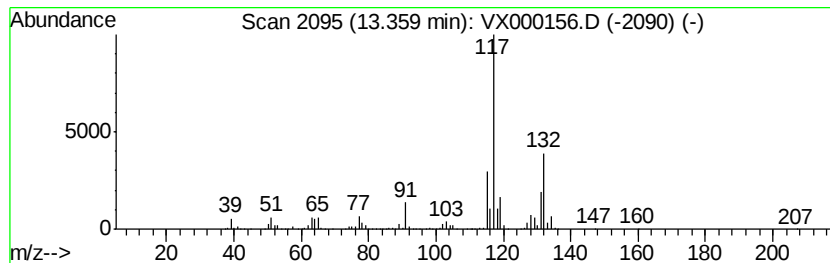
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260

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

Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	73.46 ug/l	935514	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022718\
Data File : VX000156.D
Acq On : 27 Feb 2018 20:33
Operator : JC/MD
Sample : J1683-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
RFK-RMAB-MW12-GW

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.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
Sulfur dioxide	1.27	48.1	ug/l	259004	1	5.68	269227	50.0
Butane	1.40	47.2	ug/l	254046	1	5.68	269227	50.0
Butane, 2-methyl-	1.79	54.2	ug/l	291611	1	5.68	269227	50.0
Benzene, 1-ethyl-...	11.44	233.2	ug/l	2969600	4	12.08	636753	50.0
Benzene, 1-ethyl-...	11.68	151.4	ug/l	1928320	4	12.08	636753	50.0
Benzene, 1,2,3-tr...	12.15	206.9	ug/l	2635330	4	12.08	636753	50.0
Indane	12.30	102.4	ug/l	1303930	4	12.08	636753	50.0
Benzene, 2-ethyl-...	12.38	52.5	ug/l	667992	4	12.08	636753	50.0
1H-Indene, 2,3-di...	13.36	73.5	ug/l	935514	4	12.08	636753	50.0