

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076614.D
 Acq On : 10 Feb 2023 17:09
 Operator : JC\MD
 Sample : 01500-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(FEB)

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN076614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.916	3	5	19	rVB	1464853	2119300	100.00%	31.785%
2	2.346	68	78	93	rBV	104025	531782	25.09%	7.976%
3	2.834	157	161	167	rVB4	21118	35699	1.68%	0.535%
4	4.440	423	434	446	rBV	290855	867956	40.95%	13.018%
5	4.728	472	483	499	rBV2	122582	415516	19.61%	6.232%
6	7.498	945	954	962	rVB	23364	60009	2.83%	0.900%
7	7.822	997	1009	1019	rBV4	71635	204742	9.66%	3.071%
8	8.586	1129	1139	1149	rBV	91099	204314	9.64%	3.064%
9	9.104	1219	1227	1237	rBV	191041	395540	18.66%	5.932%
10	10.451	1450	1456	1464	rBV3	14259	27505	1.30%	0.413%
11	10.569	1469	1476	1483	rBV	266795	491169	23.18%	7.367%
12	10.633	1483	1487	1495	rVB	38348	65648	3.10%	0.985%
13	10.733	1497	1504	1510	rVV	16163	25752	1.22%	0.386%
14	11.304	1594	1601	1606	rBV4	21340	39535	1.87%	0.593%
15	11.869	1689	1697	1706	rBV	315902	561684	26.50%	8.424%
16	12.569	1808	1816	1822	rBV5	17301	29663	1.40%	0.445%
17	12.851	1857	1864	1872	rVB	269548	460110	21.71%	6.901%
18	13.516	1973	1977	1982	rVB6	14685	24471	1.15%	0.367%
19	13.874	2034	2038	2047	rVB3	23000	40948	1.93%	0.614%
20	14.563	2148	2155	2161	rBV2	41019	66235	3.13%	0.993%

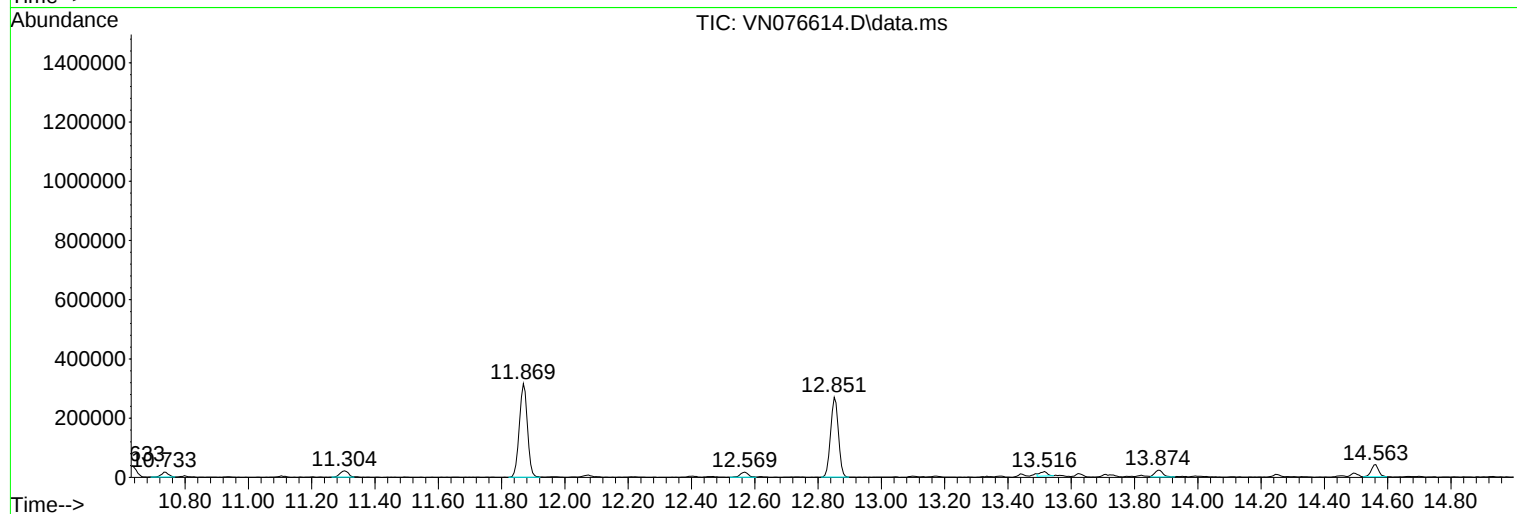
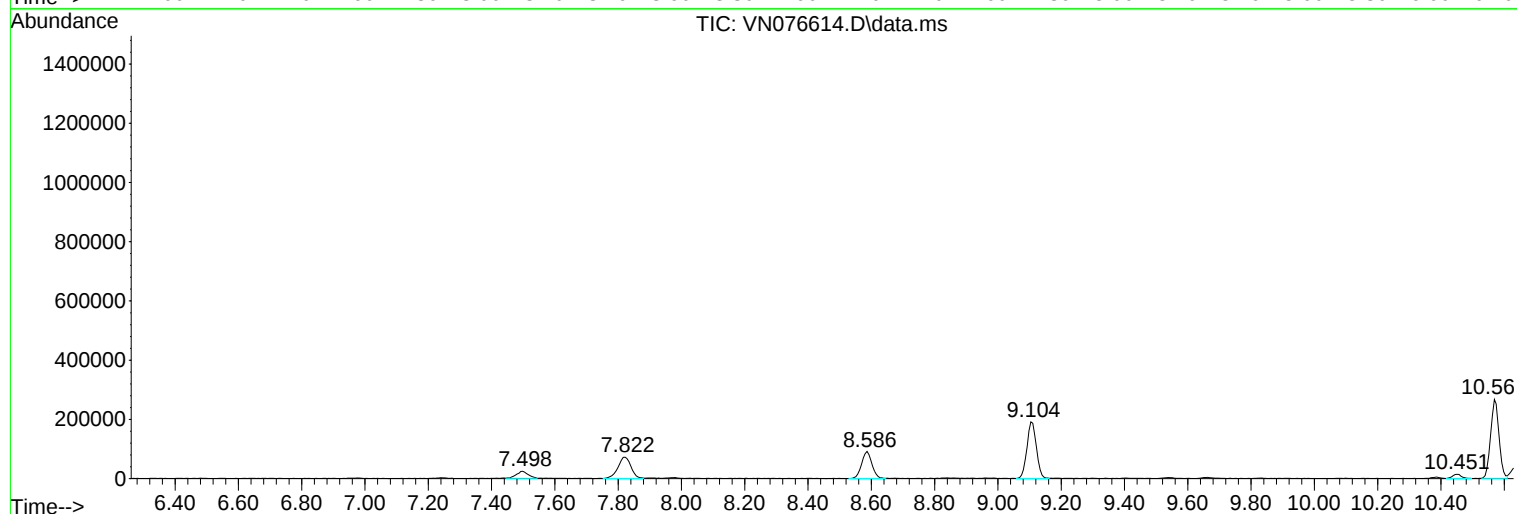
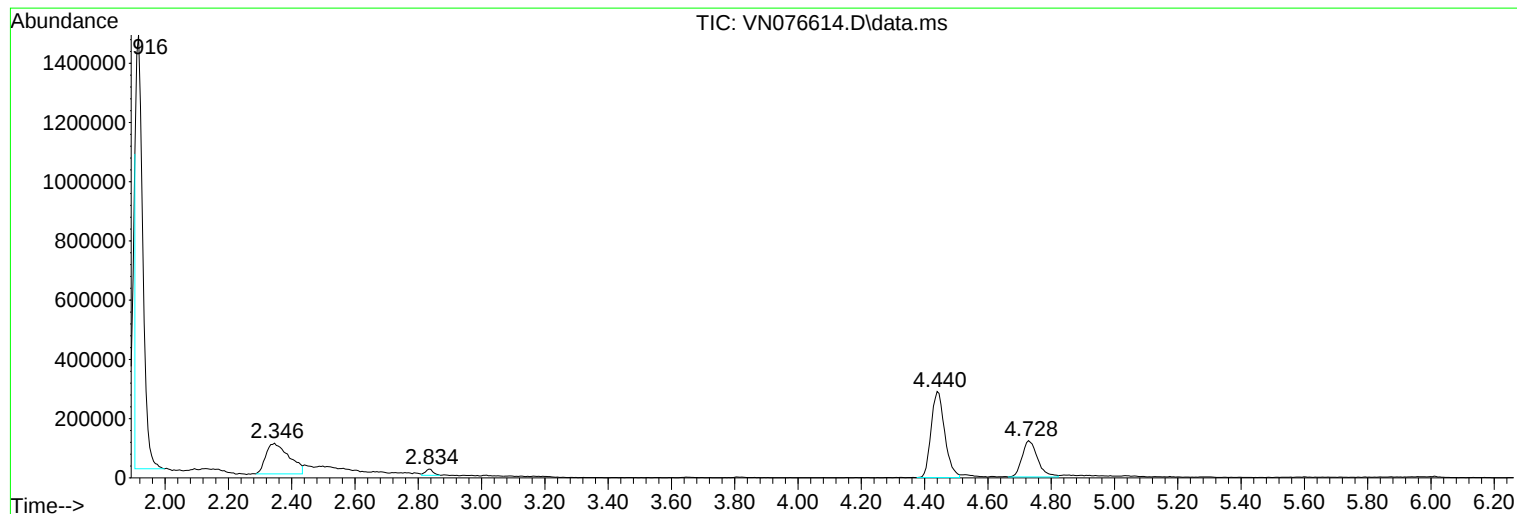
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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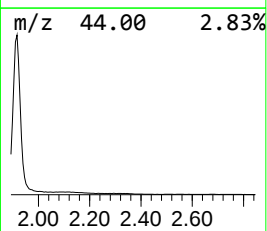
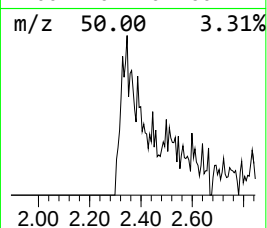
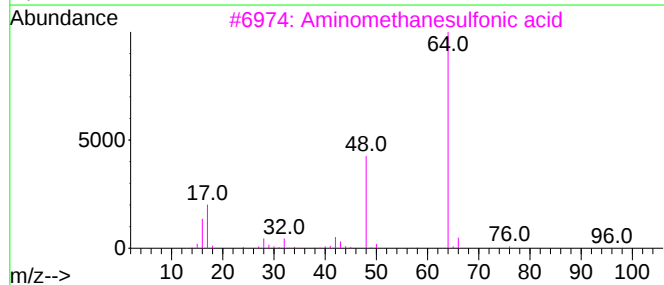
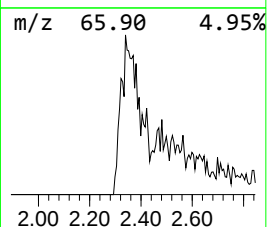
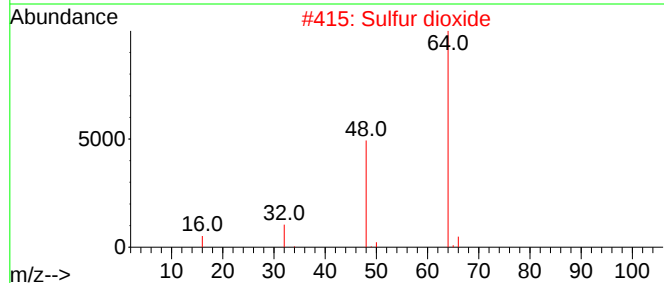
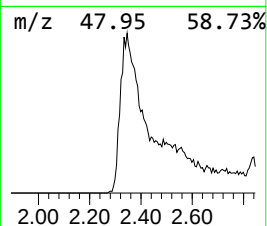
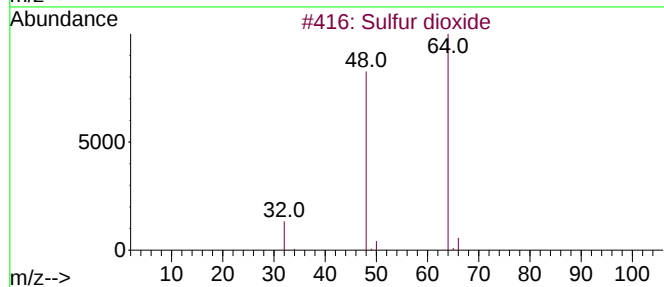
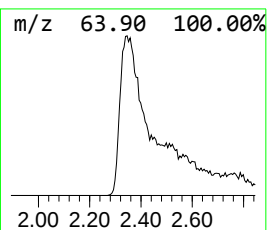
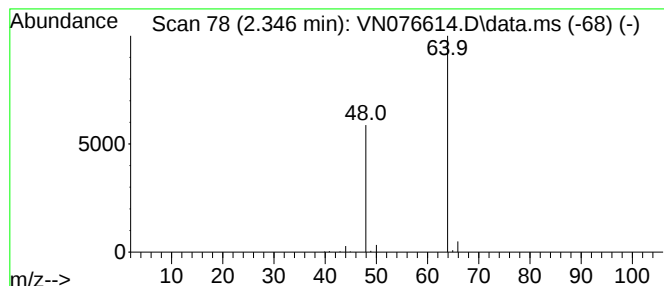
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.346	77.92 ug/l	531782	Bromochloromethane	7.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Sulfur dioxide	64	O2S	007446-09-5	83
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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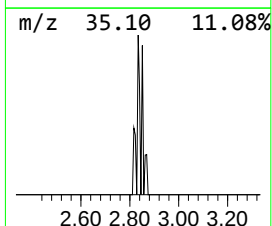
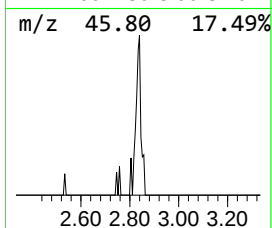
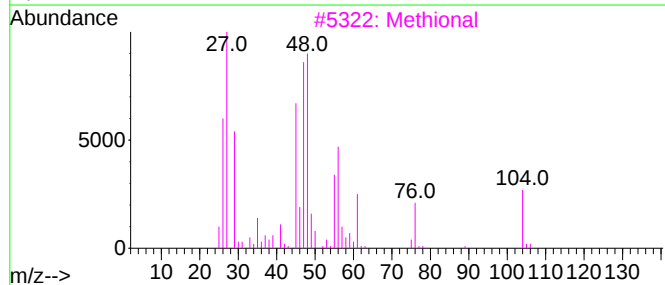
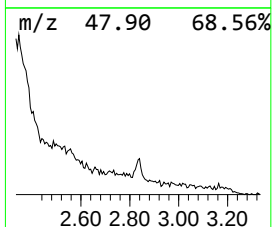
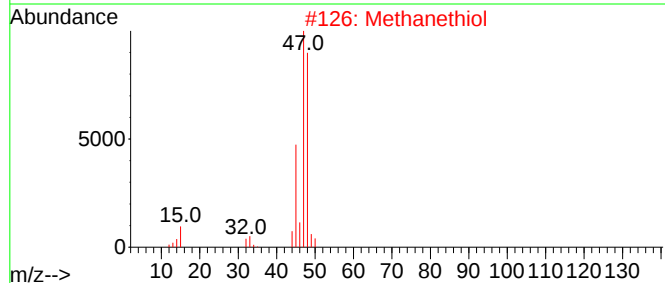
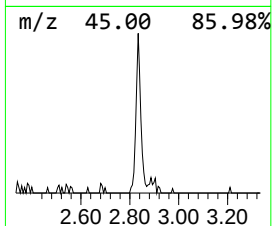
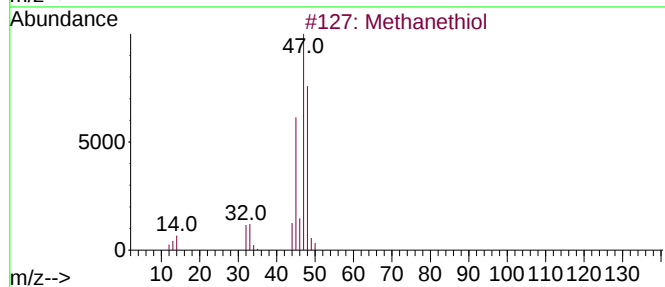
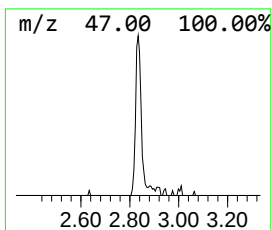
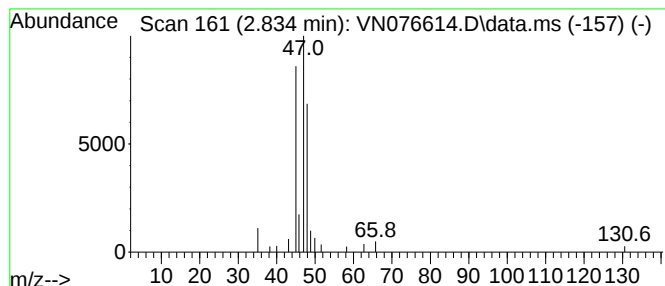
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Methanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.834	5.23 ug/l	35699	Bromochloromethane	7.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	72
2			Methanethiol	48	CH4S	000074-93-1	50
3			Methional	104	C4H8OS	003268-49-3	28
4			2-Aminoethylethyl sulfide	105	C4H11NS	036489-03-9	9
5			Nitrous acid	47	HNO2	007782-77-6	4



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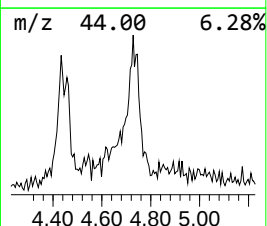
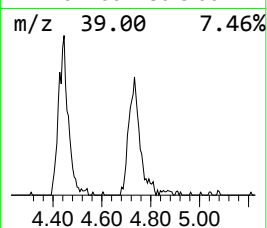
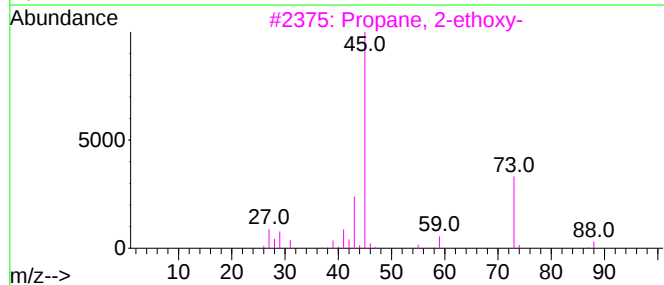
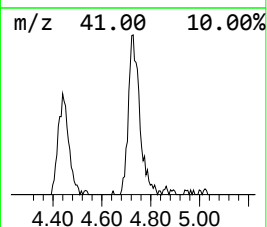
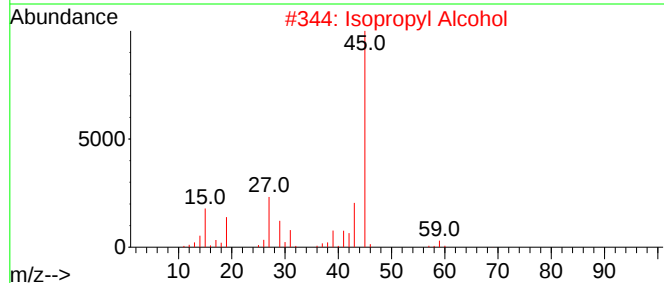
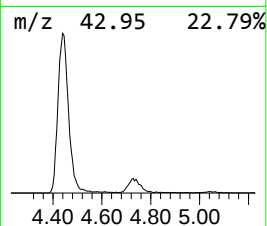
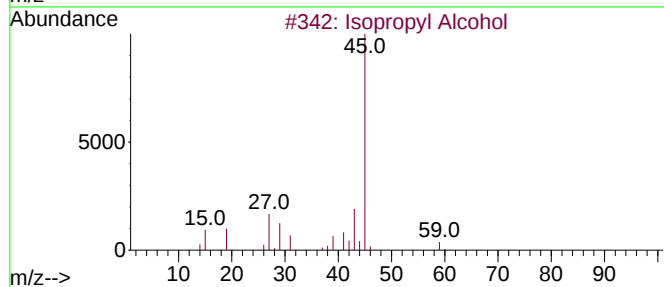
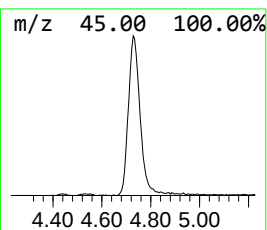
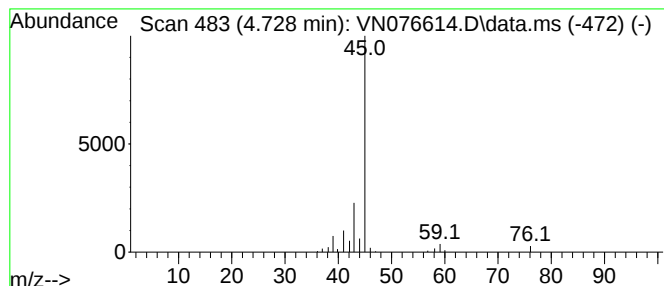
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.728	60.88 ug/l	415516	Bromochloromethane	7.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
4			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	56



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ALS Vial : 16 Sample Multiplier: 1

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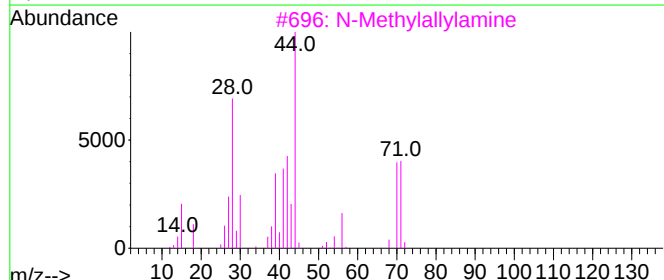
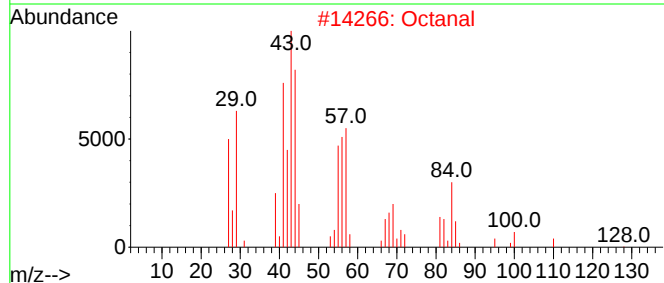
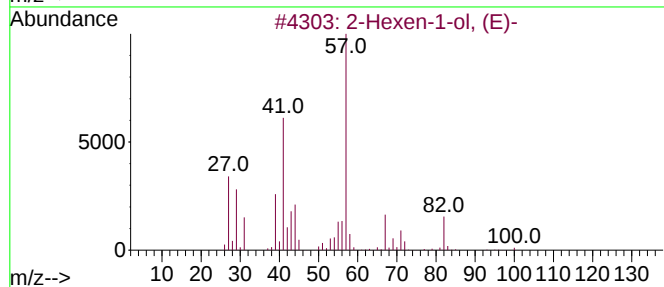
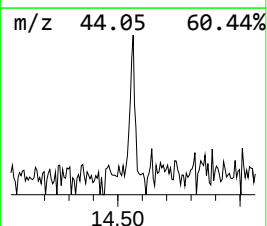
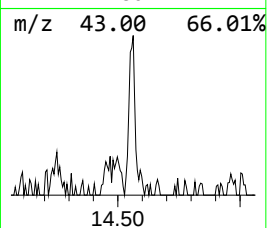
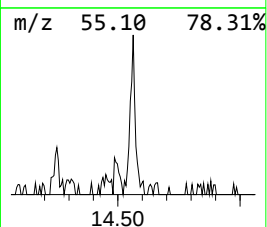
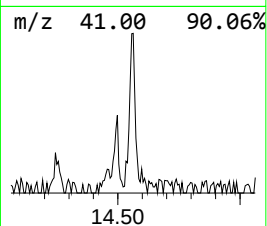
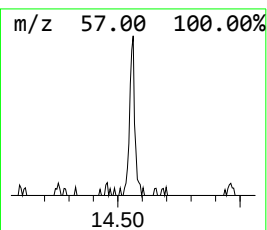
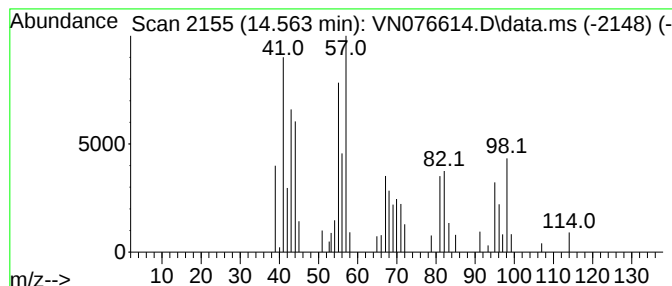
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown14.563 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	3.54 ug/l	66235	Chlorobenzene-d5	11.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	35
2			Octanal	128	C8H16O	000124-13-0	27
3			N-Methylallylamine	71	C4H9N	000627-37-2	25
4			Oxalic acid, cyclobutyl heptyl e...	242	C13H22O4	1000309-69-8	22
5			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	18



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.346	77.9	ug/l	531782	1	7.822	204742	30.0
Methanethiol	2.834	5.2	ug/l	35699	1	7.822	204742	30.0
Isopropyl Alcohol	4.728	60.9	ug/l	415516	1	7.822	204742	30.0
unknown14.563	14.563	3.5	ug/l	66235	3	11.869	561684	30.0