

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084349.D
 Acq On : 08 Oct 2024 15:17
 Operator : JC\MD
 Sample : P4334-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(SEP)

Integration Parameters: RTEINT3.P
 Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 0 % 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_N\methods\624N100824W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN084349.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.318	49	62	81	rBV	230153	1052206	76.40%	16.936%
2	2.824	145	148	156	rVB2	16496	34603	2.51%	0.557%
3	4.424	409	420	434	rBV	465779	1377220	100.00%	22.168%
4	4.712	457	469	484	rBV2	128292	420479	30.53%	6.768%
5	7.488	930	941	951	rBV	18786	50465	3.66%	0.812%
6	7.812	984	996	1008	rBV2	89028	231195	16.79%	3.721%
7	8.577	1115	1126	1138	rBV	90204	208785	15.16%	3.361%
8	9.100	1206	1215	1225	rBV	188676	382696	27.79%	6.160%
9	10.447	1436	1444	1451	rBV3	14935	28960	2.10%	0.466%
10	10.565	1455	1464	1469	rVV	300995	538974	39.13%	8.675%
11	10.629	1469	1475	1486	rVV	476835	864247	62.75%	13.911%
12	11.865	1678	1685	1694	rBV	257479	455404	33.07%	7.330%
13	12.565	1798	1804	1809	rBV3	10294	15828	1.15%	0.255%
14	12.847	1843	1852	1860	rBV	188363	319524	23.20%	5.143%
15	13.370	1936	1941	1947	rVB3	12789	20274	1.47%	0.326%
16	13.435	1947	1952	1959	rBV3	13731	24454	1.78%	0.394%
17	13.517	1959	1966	1968	rVV5	7762	16231	1.18%	0.261%
18	13.570	1969	1975	1987	rVB5	16276	47460	3.45%	0.764%
19	13.723	1994	2001	2006	rBV4	17968	33386	2.42%	0.537%
20	13.776	2006	2010	2014	rVV4	13875	27111	1.97%	0.436%
21	13.817	2014	2017	2019	rVV4	11289	18290	1.33%	0.294%
22	13.870	2022	2026	2034	rVB	26480	44906	3.26%	0.723%

Sum of corrected areas: 6212698

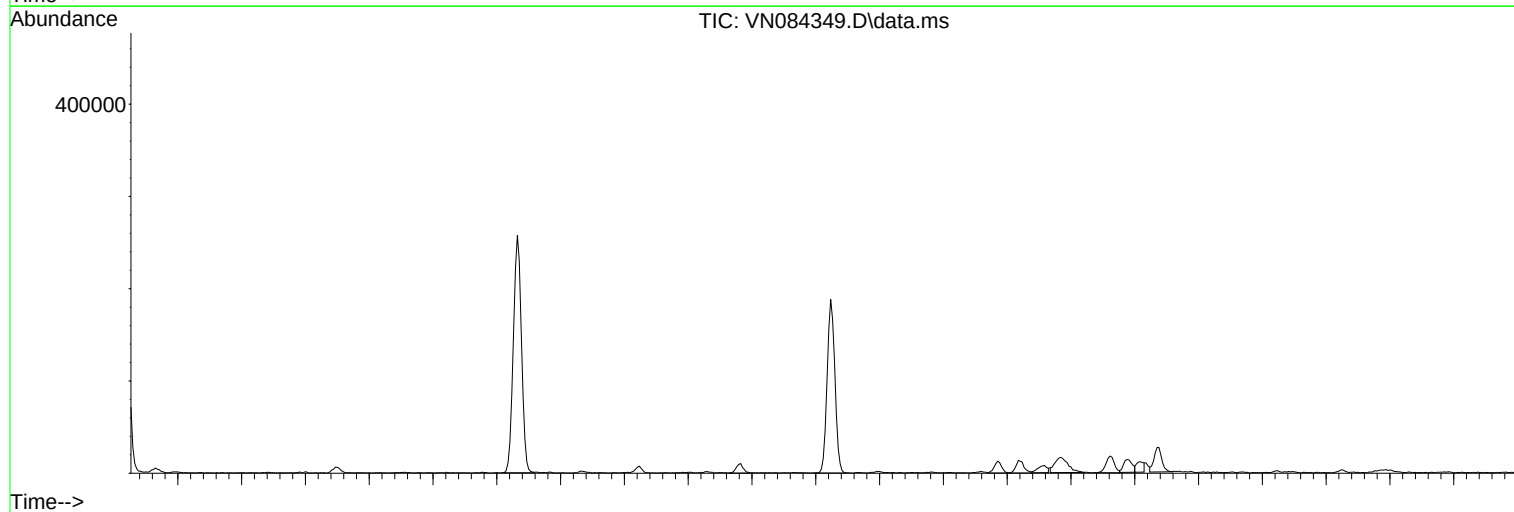
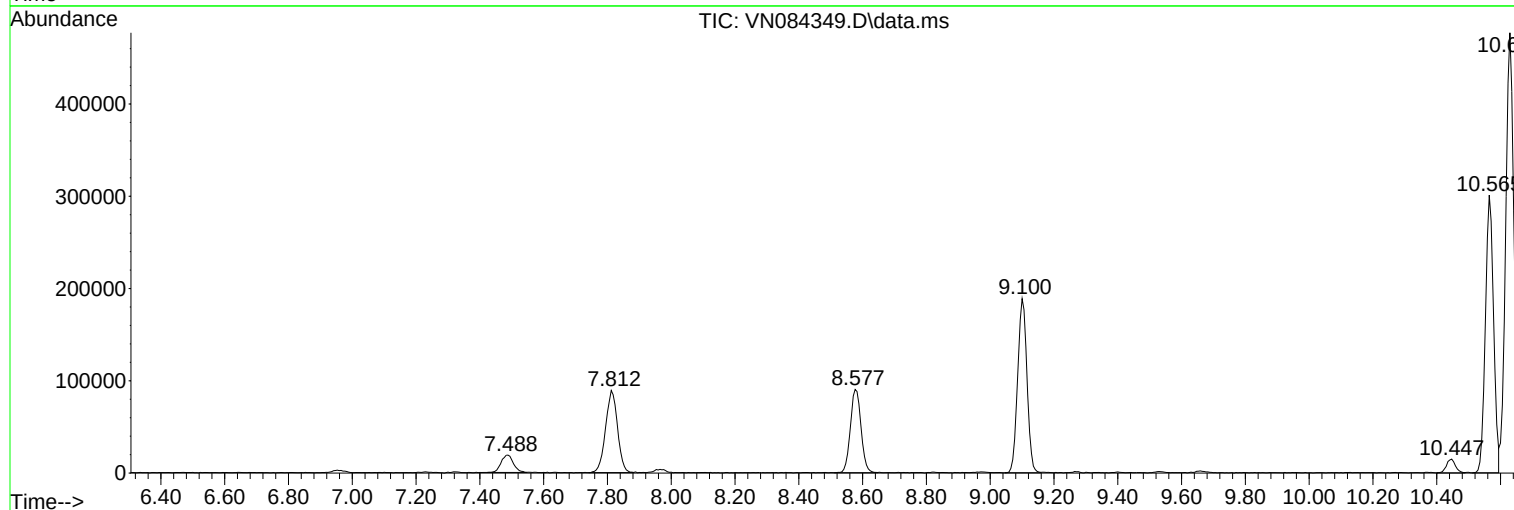
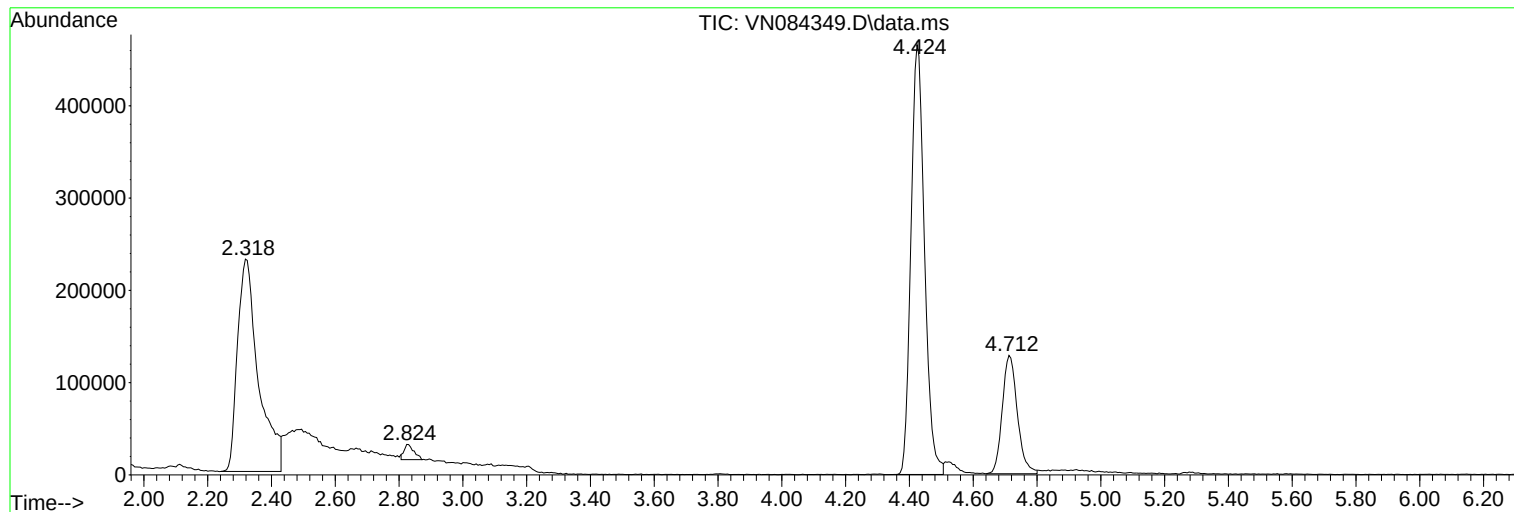
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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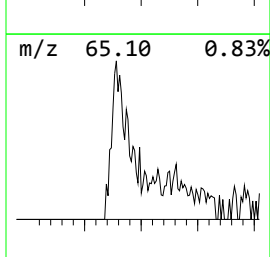
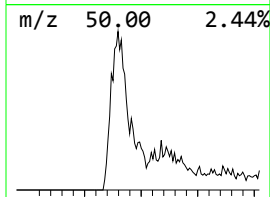
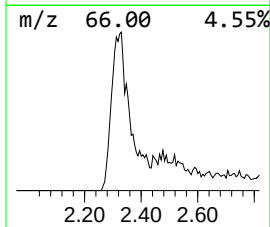
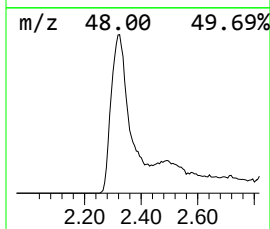
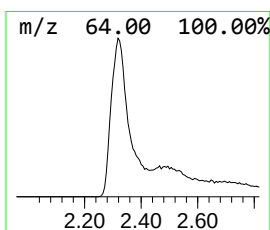
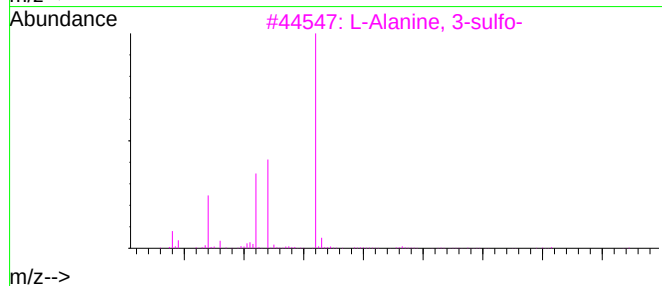
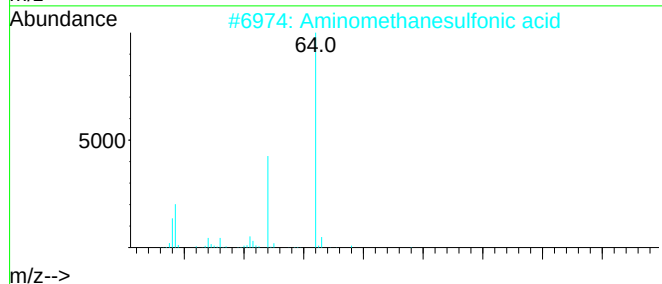
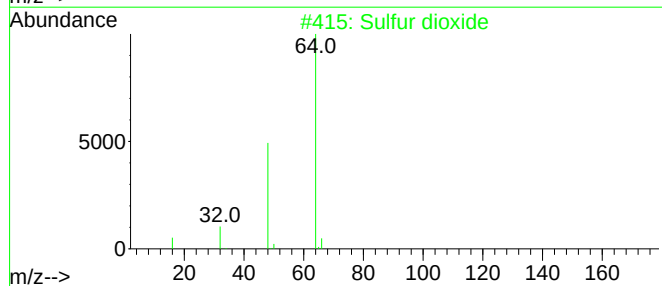
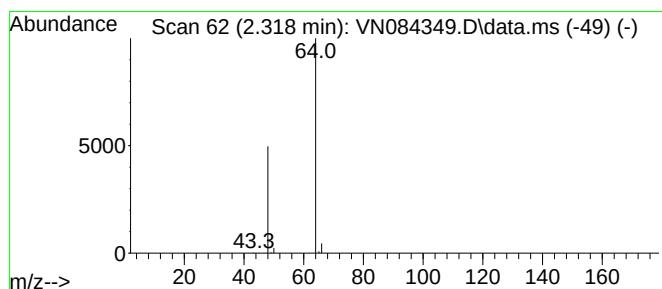
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.318	136.54 ug/l	1052210	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	5



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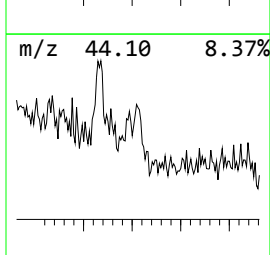
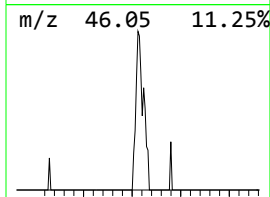
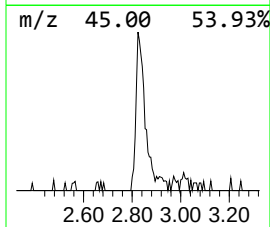
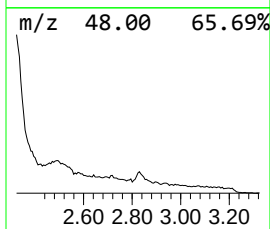
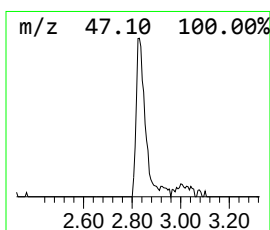
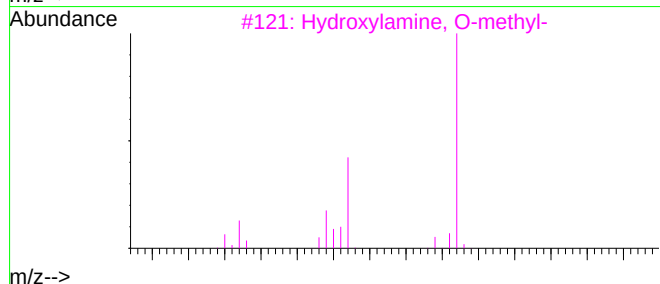
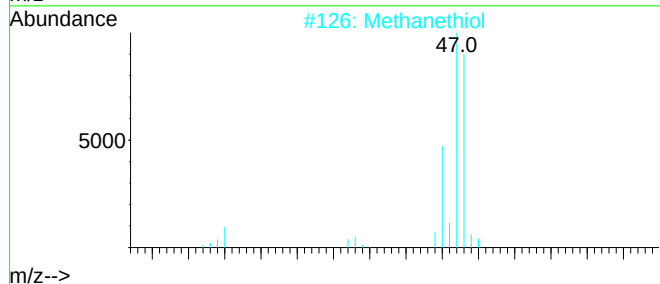
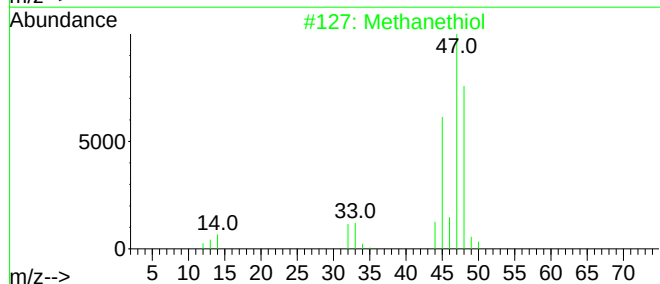
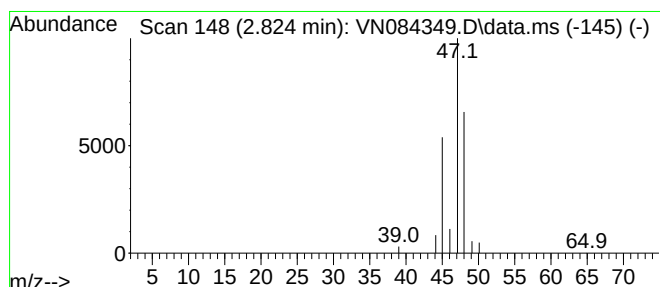
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.824	4.49 ug/l	34603	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	83
2	Methanethiol	48	CH4S	000074-93-1	80
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5



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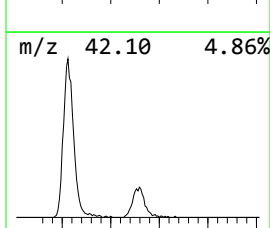
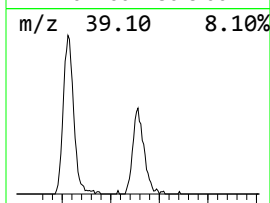
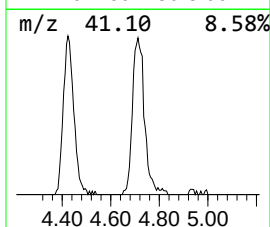
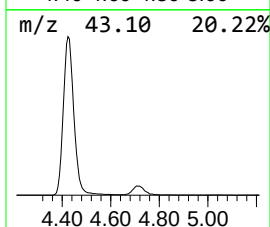
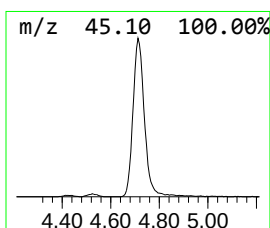
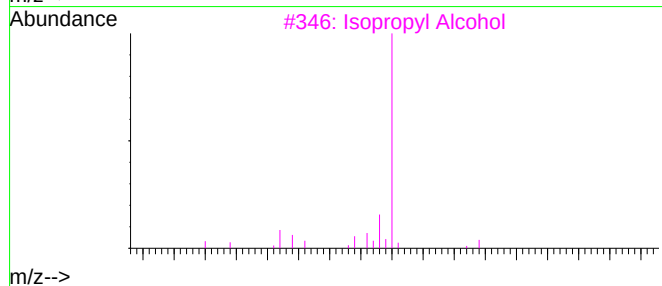
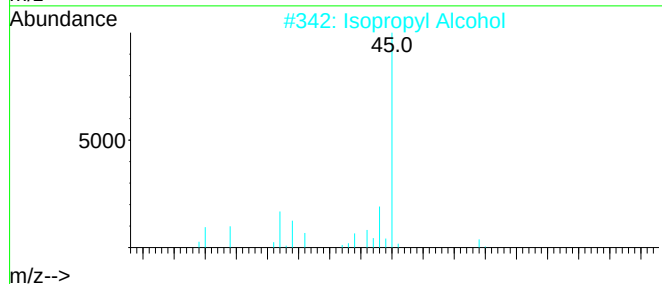
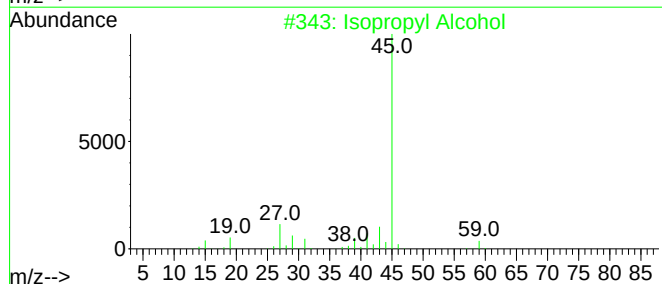
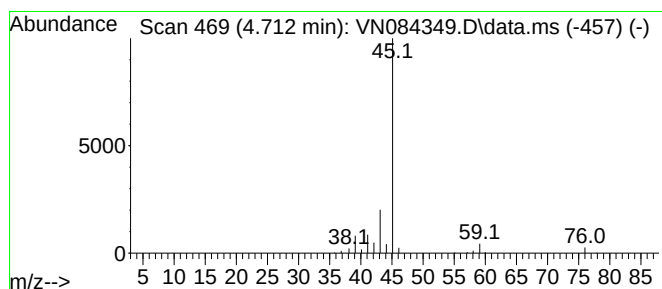
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.712	54.56 ug/l	420479	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
5	(R)-(-)-2-Pentanol	88	C5H12O	031087-44-2	9



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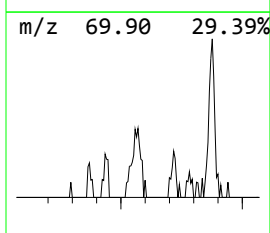
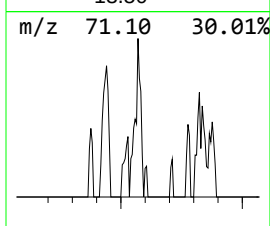
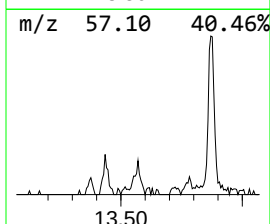
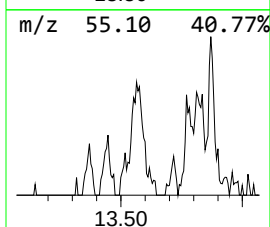
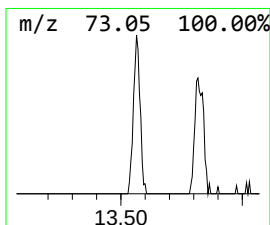
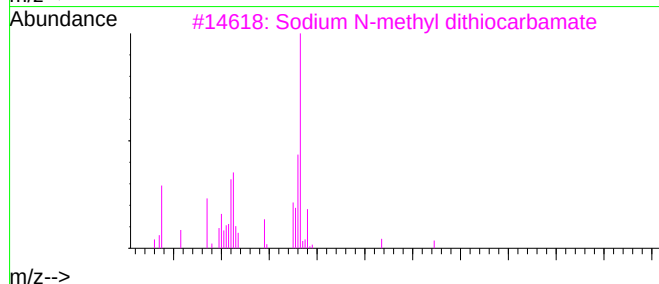
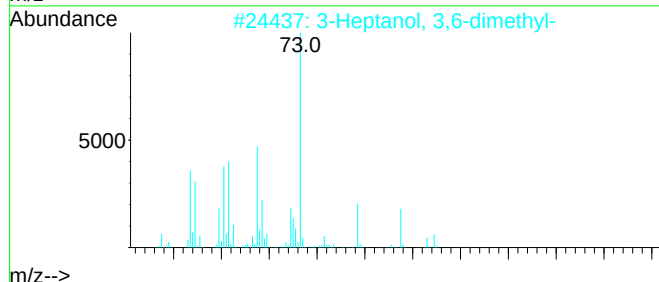
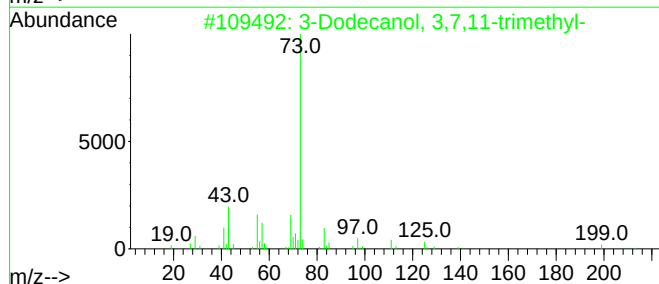
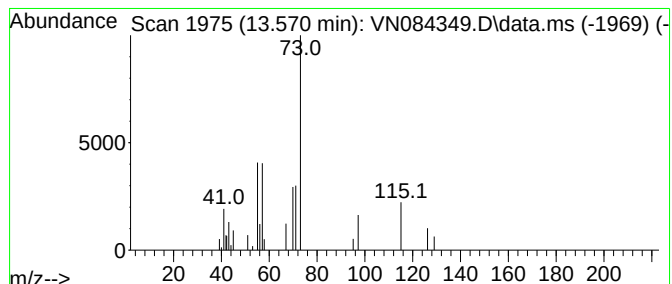
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.570 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.570	3.13 ug/l	47460	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	17
2	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	17
3	Sodium N-methyl dithiocarbamate	129	C2H4NNaS2	1000292-95-8	9
4	3,5-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-46-6	9
5	Pentane, 2-methoxy-2,4,4-trimethyl-	144	C9H20O	062108-41-2	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.318	136.5	ug/l	1052210	1	7.812	231195	30.0
Methanethiol	2.824	4.5	ug/l	34603	1	7.812	231195	30.0
Isopropyl Alcohol	4.712	54.6	ug/l	420479	1	7.812	231195	30.0
unknown13.570	13.570	3.1	ug/l	47460	3	11.865	455404	30.0