

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
 Data File : VV014395.D
 Acq On : 24 Jan 2020 17:58
 Operator : SY/MD
 Sample : L1253-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC0

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.1 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_V\METHOD\SOMVTR010220WMA.M
 Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.495	118	126	152	rBV	3398369	4569468	5.42%	3.031%
2	2.254	352	362	378	rBV	1201663	1822584	2.16%	1.209%
3	3.978	879	898	935	rBV	14979644	36900785	43.76%	24.479%
4	5.103	1232	1248	1275	rBV2	1353579	3039859	3.61%	2.017%
5	5.679	1404	1427	1446	rBV	1034563	2303850	2.73%	1.528%
6	5.990	1503	1524	1561	rBV	40071326	84321393	100.00%	55.937%
7	6.154	1565	1575	1593	rVB2	742307	1531597	1.82%	1.016%
8	6.322	1619	1627	1655	rVB	881104	1707358	2.02%	1.133%
9	7.386	1944	1958	1973	rBV	1323503	2304363	2.73%	1.529%
10	8.151	2185	2196	2219	rBV	1886275	3577188	4.24%	2.373%
11	8.904	2420	2430	2453	rVB	1483059	2451991	2.91%	1.627%
12	10.260	2841	2852	2865	rBV	556776	850730	1.01%	0.564%
13	10.977	3066	3075	3089	rVB	762914	1129484	1.34%	0.749%
14	11.293	3161	3173	3189	rBV	1452784	2227902	2.64%	1.478%
15	11.669	3277	3290	3308	rVB	1284437	2004409	2.38%	1.330%

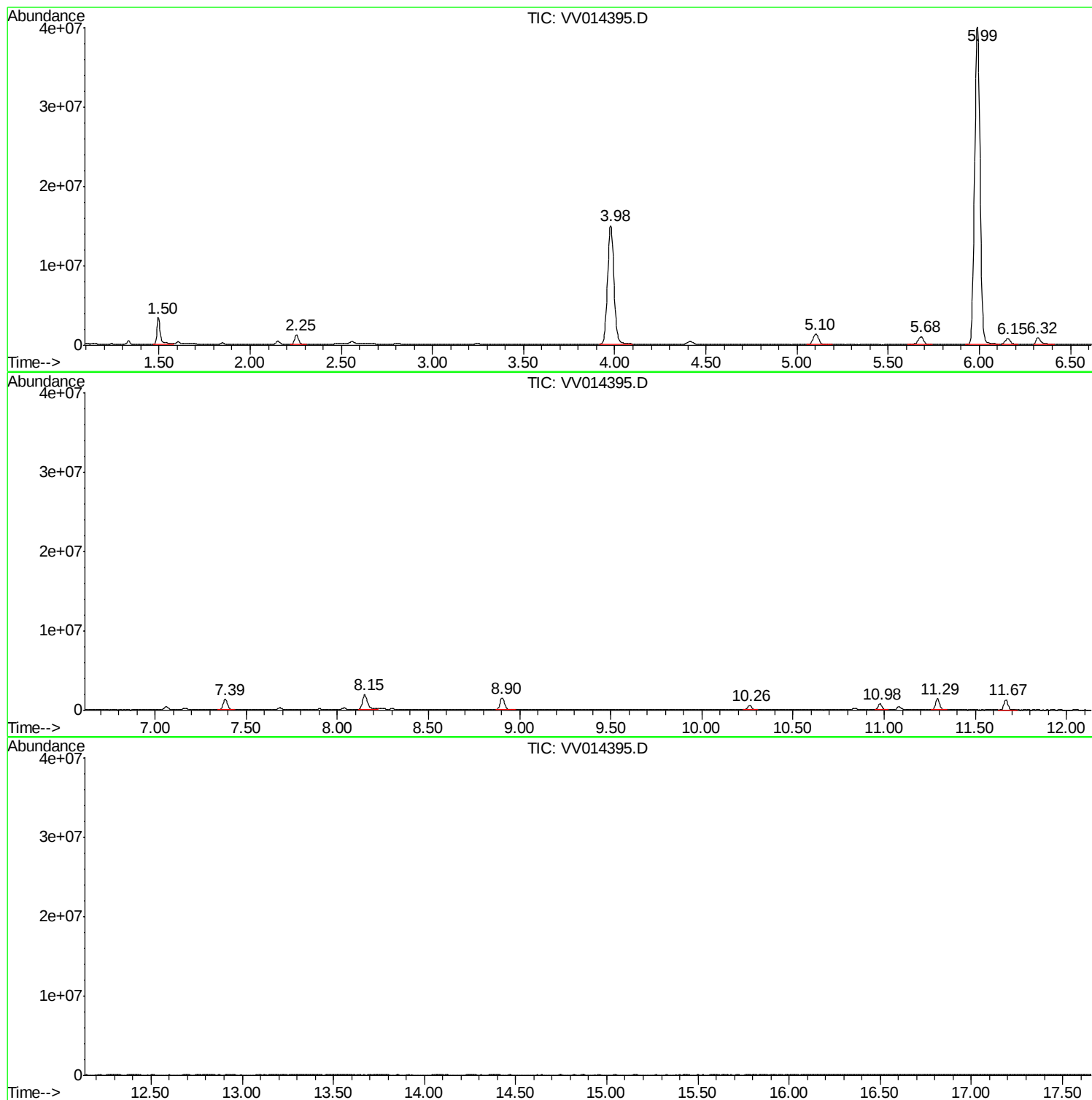
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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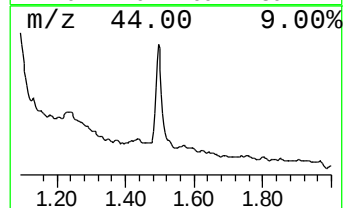
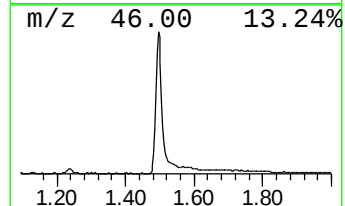
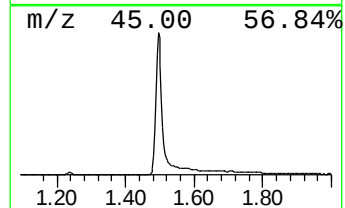
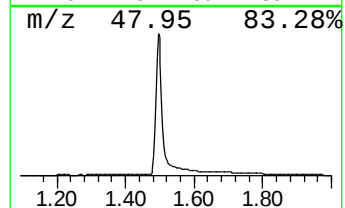
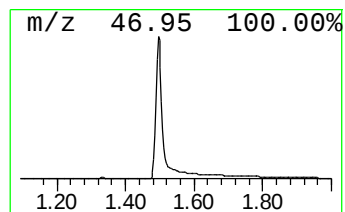
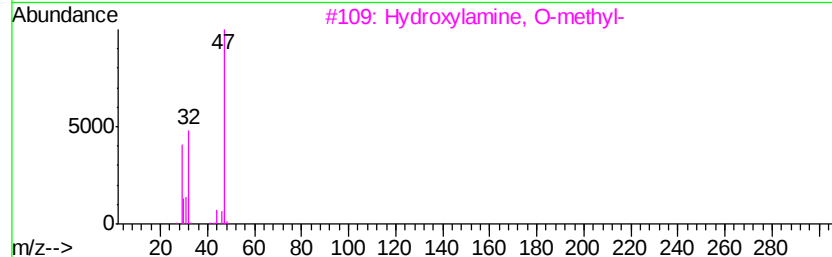
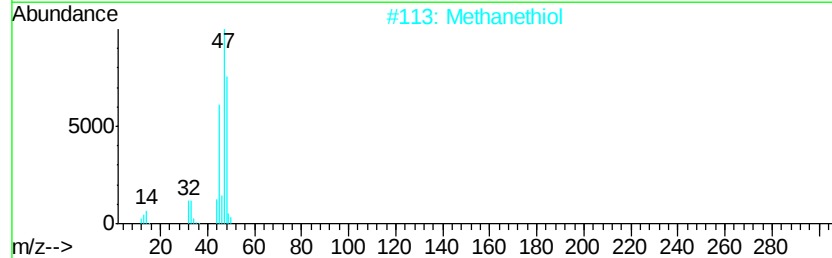
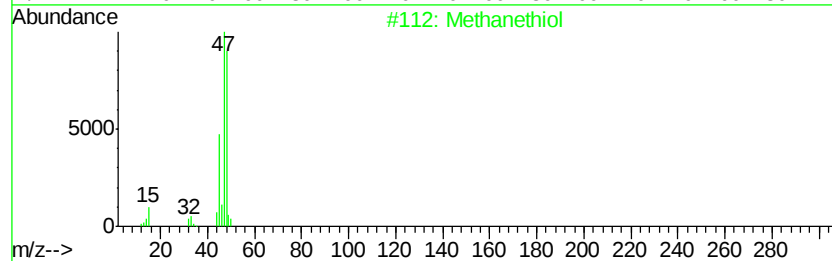
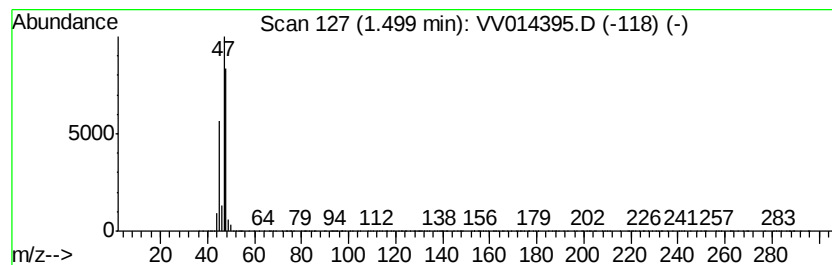
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Methanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	9.92 ug/L	4569470	1,4-Difluorobenzene	5.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methanethiol	48 CH4S	000074-93-1 90
2		Methanethiol	48 CH4S	000074-93-1 86
3		Hvdroxylamine, O-methyl-	47 CH5NO	000067-62-9 7
4		Hvdroxylamine, O-methyl-	47 CH5NO	000067-62-9 7
5		Methane, nitroso-	45 CH3NO	000865-40-7 5



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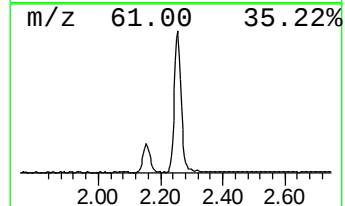
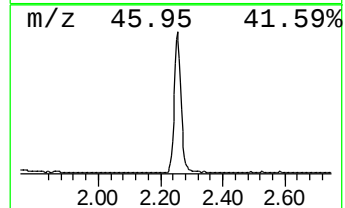
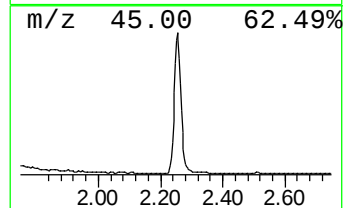
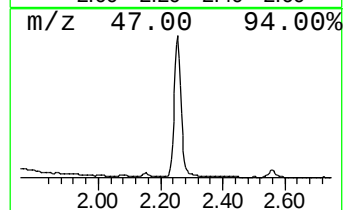
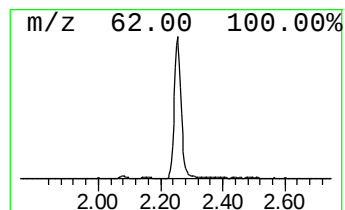
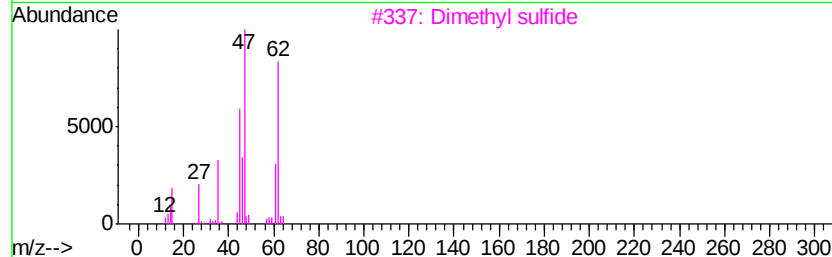
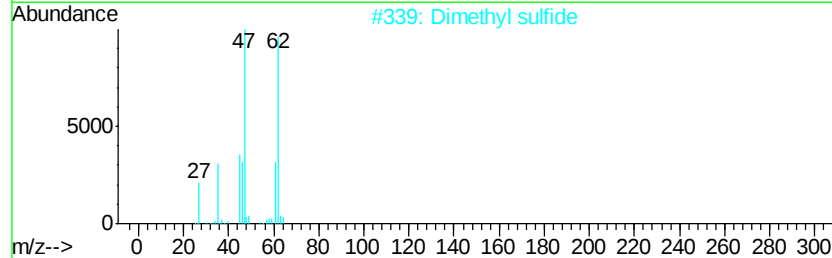
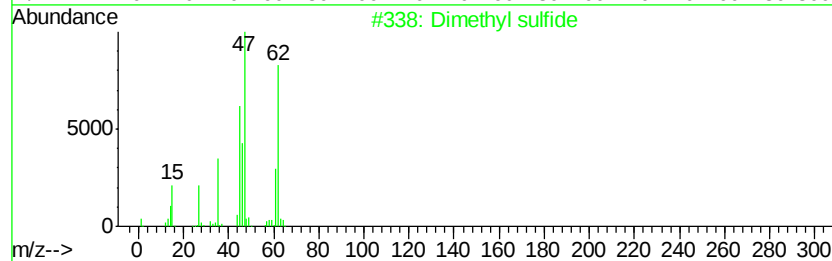
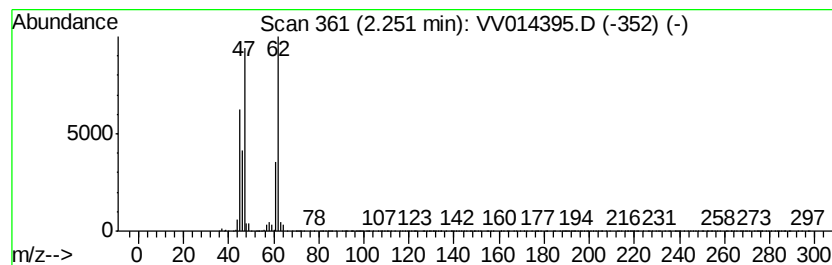
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	3.96 ug/L	1822580	1,4-Difluorobenzene	5.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	94
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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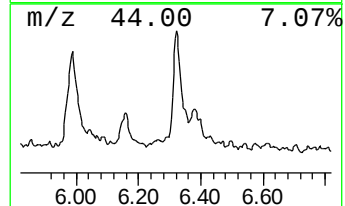
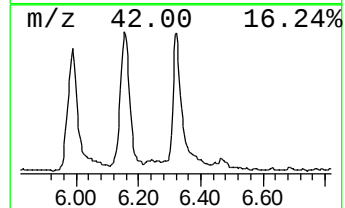
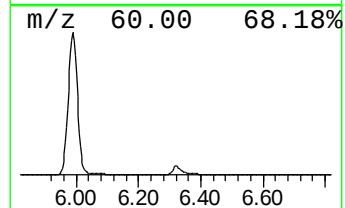
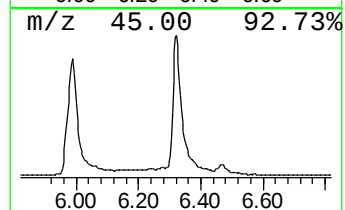
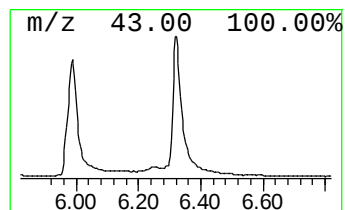
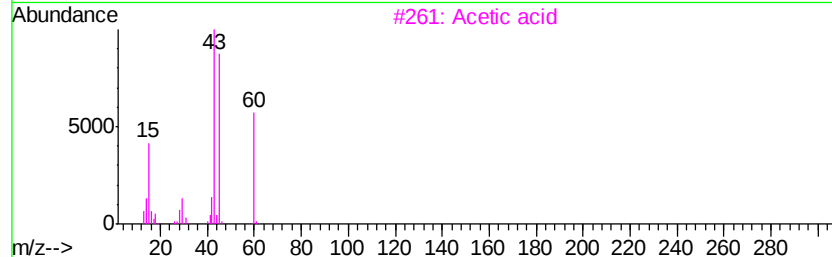
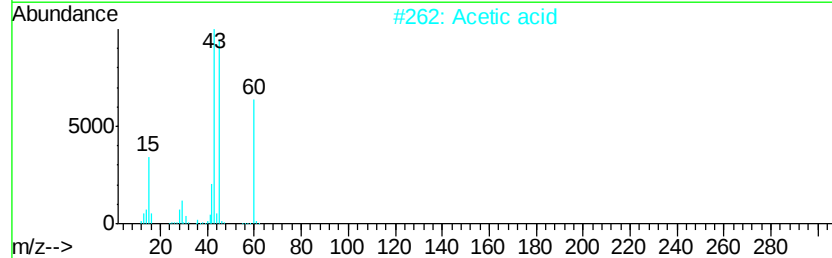
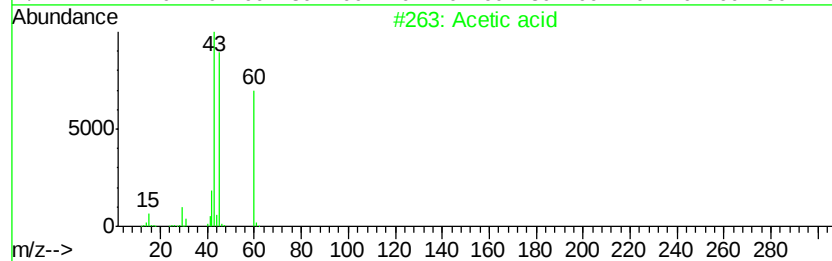
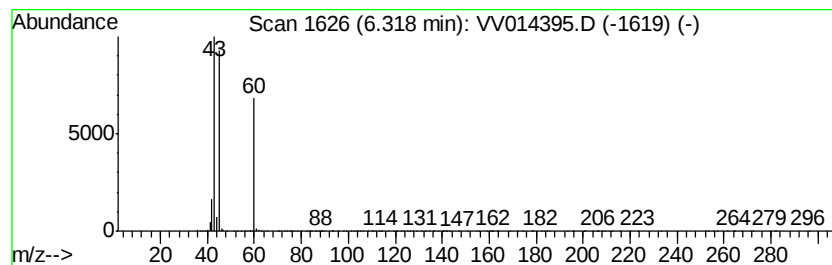
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Peak Number 3 Acetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	3.71 ug/L	1707360	1,4-Difluorobenzene	5.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid	60	C2H4O2	000064-19-7	91
2		Acetic acid	60	C2H4O2	000064-19-7	90
3		Acetic acid	60	C2H4O2	000064-19-7	90
4		Acetic acid	60	C2H4O2	000064-19-7	90
5		Acetic acid	60	C2H4O2	000064-19-7	83



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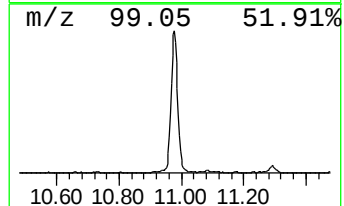
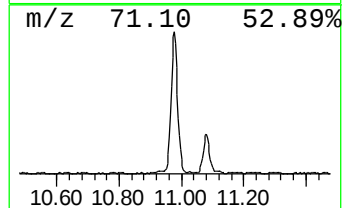
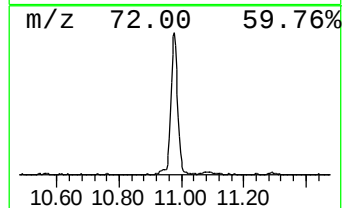
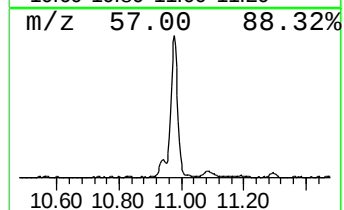
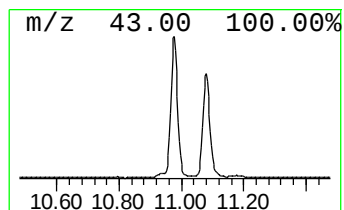
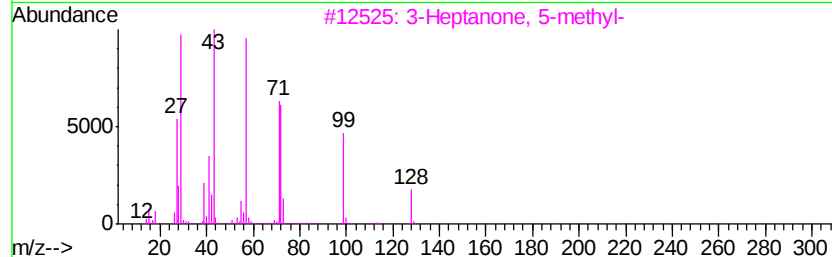
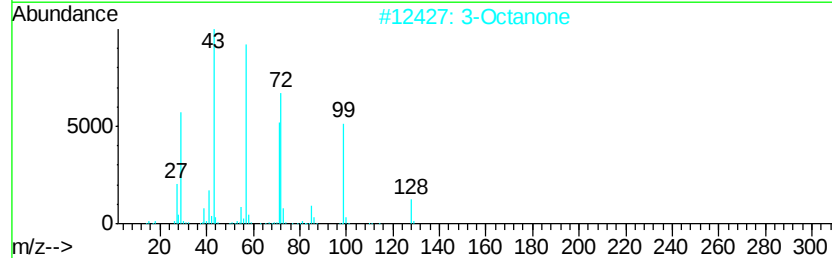
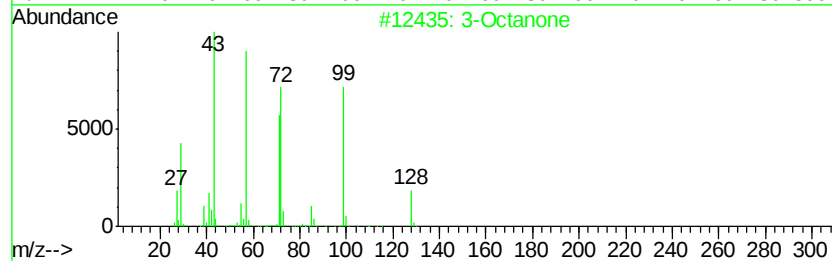
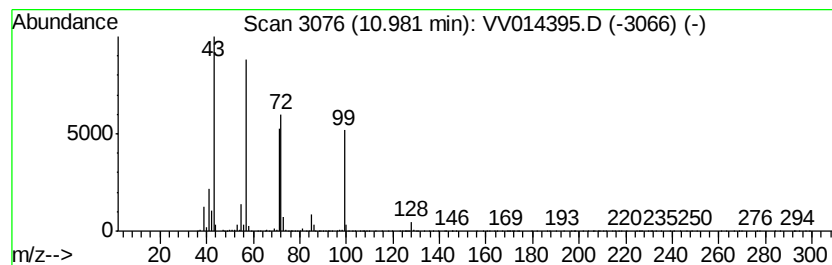
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Peak Number 4 3-Octanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	2.53 ug/L	1129480	1,4-Dichlorobenzene-d4	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone		128	C8H16O	000106-68-3	90
2	3-Octanone		128	C8H16O	000106-68-3	74
3	3-Heptanone, 5-methyl-		128	C8H16O	000541-85-5	56
4	3-Heptanone, 6-methyl-		128	C8H16O	000624-42-0	52
5	Ethanone, 1-(3,3-dimethyloxiranyl)-		114	C6H10O2	004478-63-1	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	1.50	9.9	ug/L	4569470	1	5.68	2303850	5.0
Dimethyl sulfide	2.25	4.0	ug/L	1822580	1	5.68	2303850	5.0
Acetic acid	6.32	3.7	ug/L	1707360	1	5.68	2303850	5.0
3-Octanone	10.98	2.5	ug/L	1129480	3	11.29	2227900	5.0