

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006783.D
 Acq On : 31 Jul 2018 14:04
 Operator : SY/MD
 Sample : J4225-11
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWQ9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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_V\METHOD\SOMVTR072318WMA.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	1.106	42	67	96	rBV	6612783	11543017	100.00%	73.096%
2	1.466	167	179	189	rBV3	63999	135028	1.17%	0.855%
3	2.607	524	534	552	rVB	74297	153590	1.33%	0.973%
4	5.540	1435	1446	1455	rBV2	97247	192309	1.67%	1.218%
5	6.221	1653	1658	1665	rBV	124771	207905	1.80%	1.317%
6	6.523	1740	1752	1777	rVB2	140603	340536	2.95%	2.156%
7	7.626	2084	2095	2106	rBV	199460	338621	2.93%	2.144%
8	7.691	2108	2115	2130	rVB	62767	116868	1.01%	0.740%
9	8.311	2290	2308	2329	rBV	209040	461982	4.00%	2.925%
10	8.433	2335	2346	2378	rVB	56632	160020	1.39%	1.013%
11	9.031	2521	2532	2551	rBV	268149	476159	4.13%	3.015%
12	10.321	2923	2933	2941	rBV	84642	135879	1.18%	0.860%
13	11.337	3237	3249	3268	rVB	275226	518585	4.49%	3.284%
14	11.597	3316	3330	3350	rBV	139670	283038	2.45%	1.792%
15	11.707	3353	3364	3386	rVB	226408	434136	3.76%	2.749%
16	13.411	3877	3894	3911	rBV3	67568	148932	1.29%	0.943%
17	15.276	4466	4474	4492	rBV	86921	145021	1.26%	0.918%

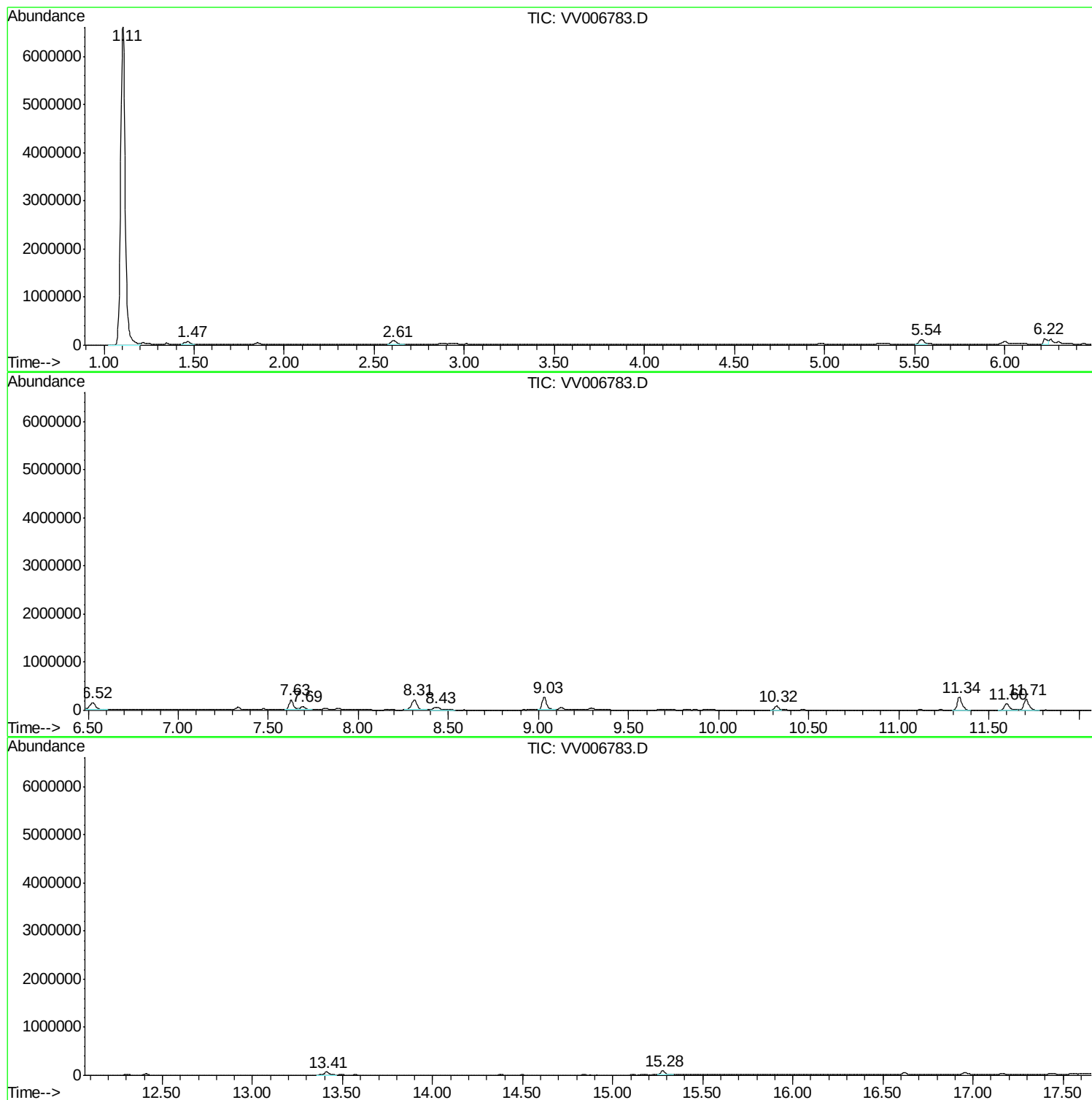
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0

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



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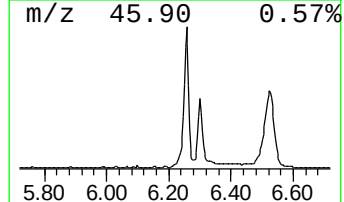
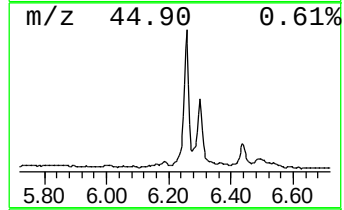
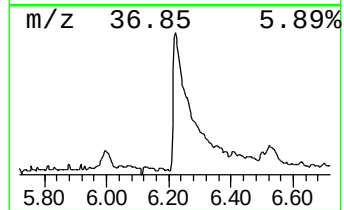
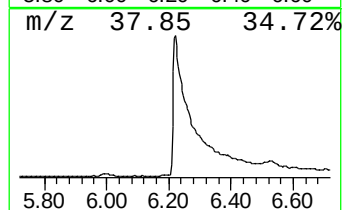
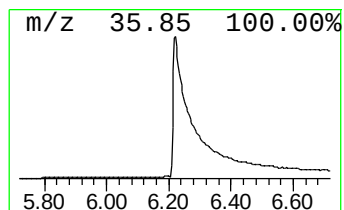
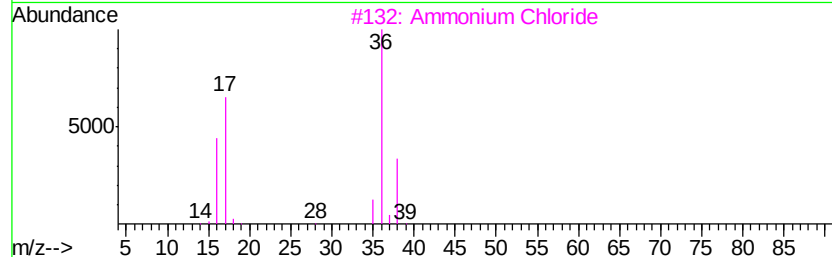
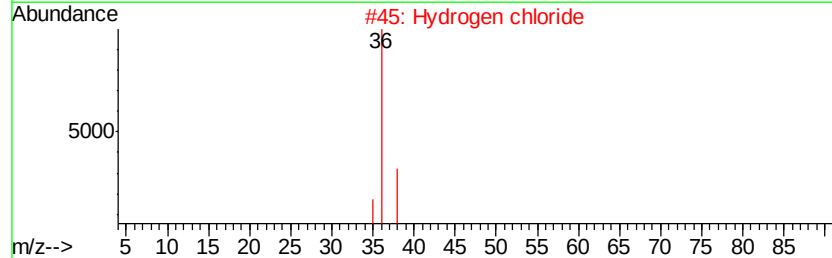
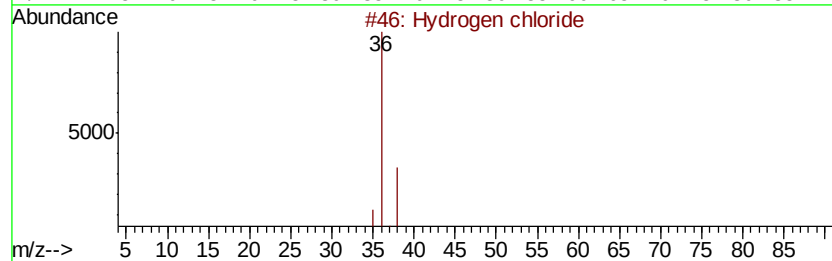
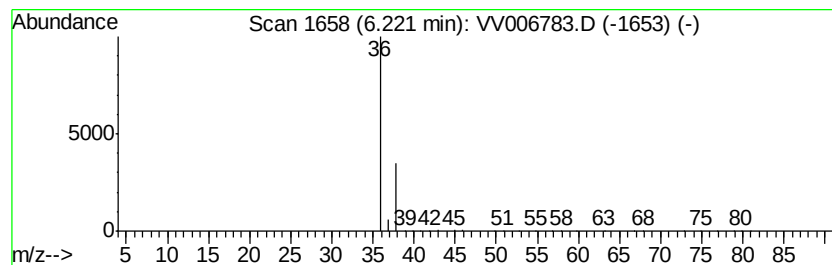
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Hydrogen chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	5.00 ug/L	207905	1,4-Difluorobenzene	6.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrogen chloride	36	ClH	007647-01-0	9
2		Hydrogen chloride	36	ClH	007647-01-0	9
3		Ammonium Chloride	53	ClH4N	012125-02-9	4
4		Methanol-D4	36	CD4O	000811-98-3	2
5		2-Chloroethylamine	79	C2H6ClN	000689-98-5	1



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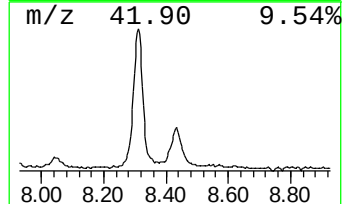
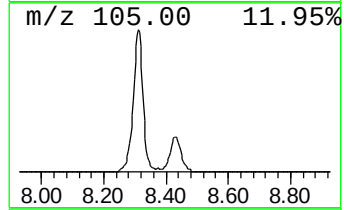
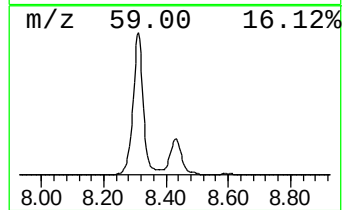
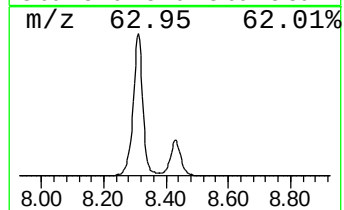
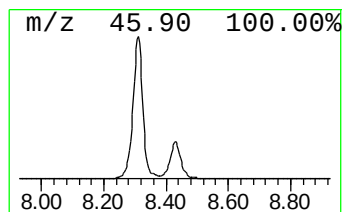
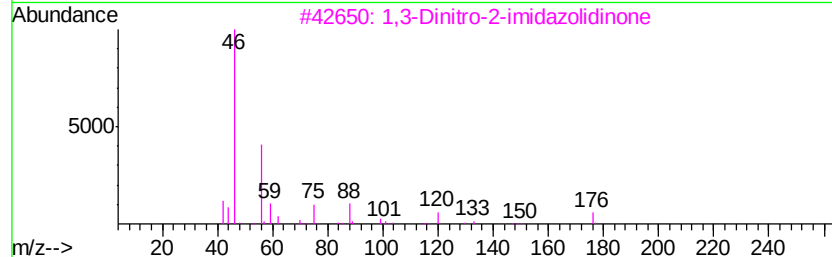
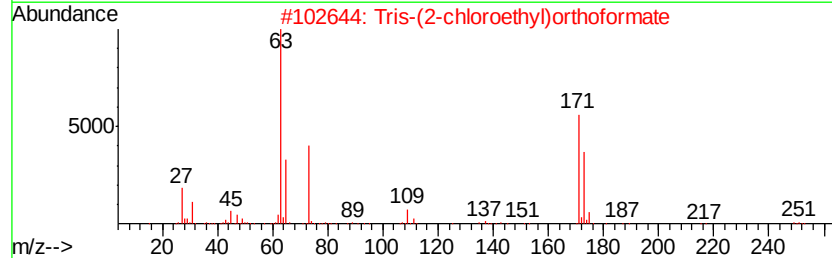
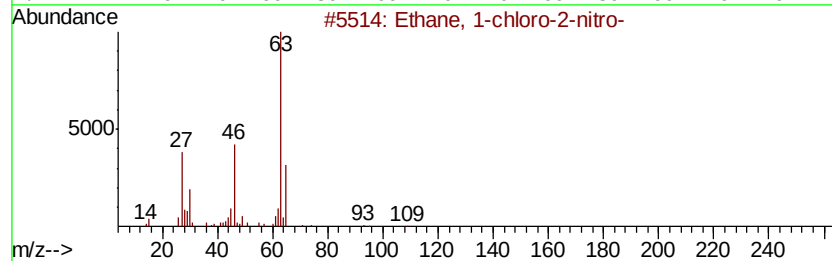
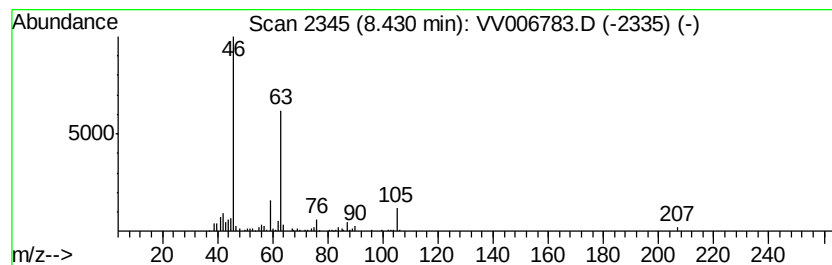
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	1.68 ug/L	160020	Chlorobenzene-d5	9.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1-chloro-2-nitro-	109	C2H4ClNO2	000625-47-8	33
2		Tris-(2-chloroethyl)orthoformate	250	C7H13Cl3O3	018719-58-9	28
3		1,3-Dinitro-2-imidazolidinone	176	C3H4N4O5	002536-18-7	22
4		Hydrazine, methyl-	46	CH6N2	000060-34-4	9
5		.alpha.-Chloroethyl chloroformate	142	C3H4Cl2O2	050893-53-3	9



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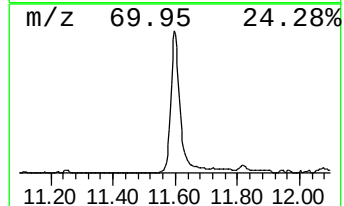
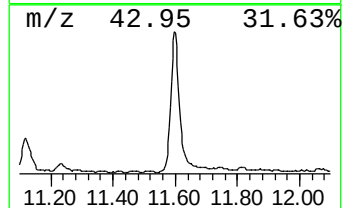
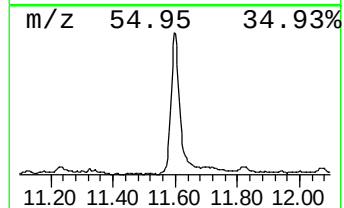
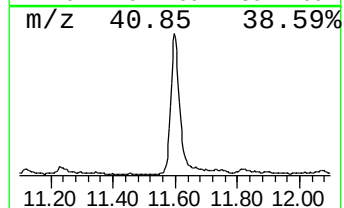
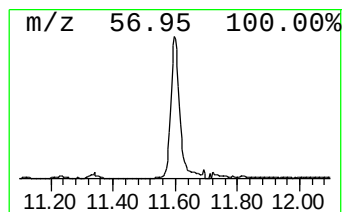
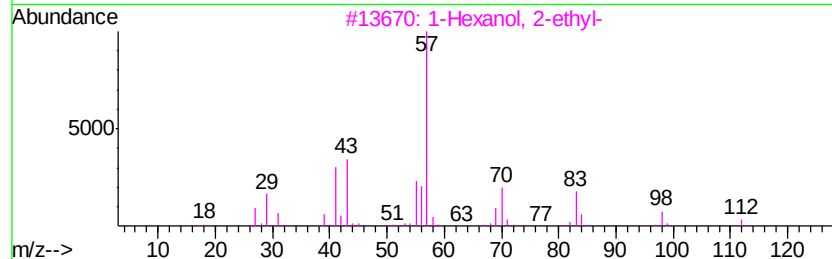
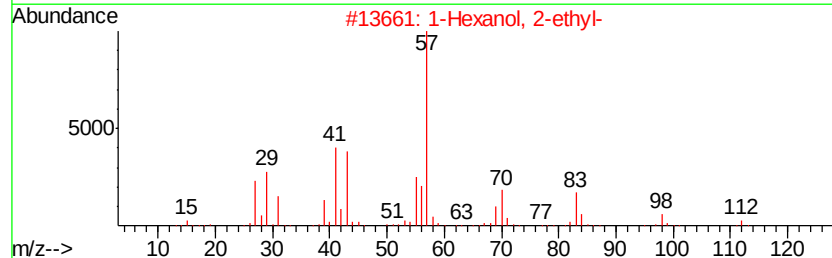
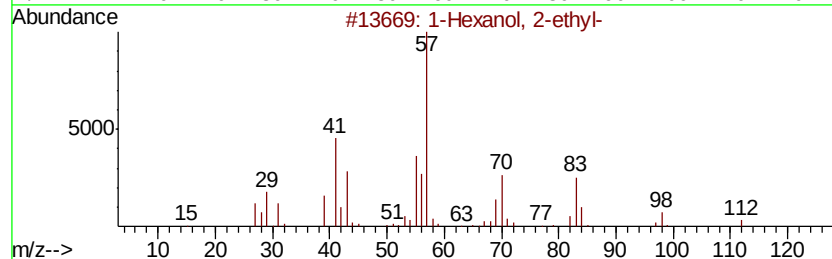
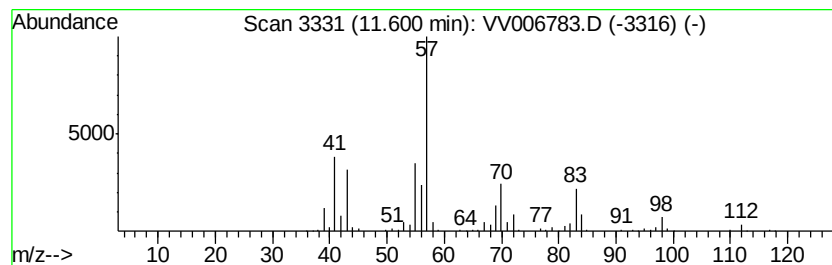
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Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.60	2.73 ug/L	283038	1,4-Dichlorobenzene-d4	11.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-		130	C8H18O	000104-76-7	78
5	2-Propyl-1-pentanol		130	C8H18O	058175-57-8	53



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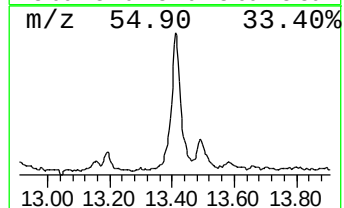
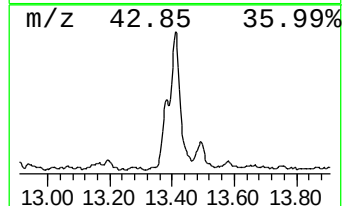
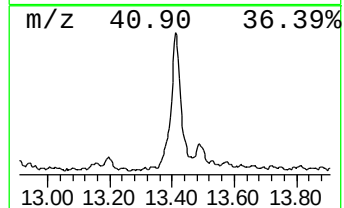
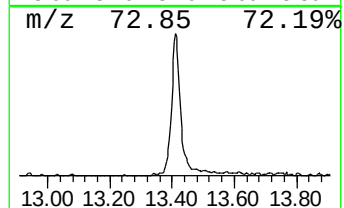
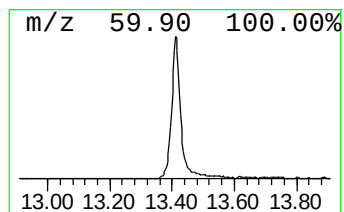
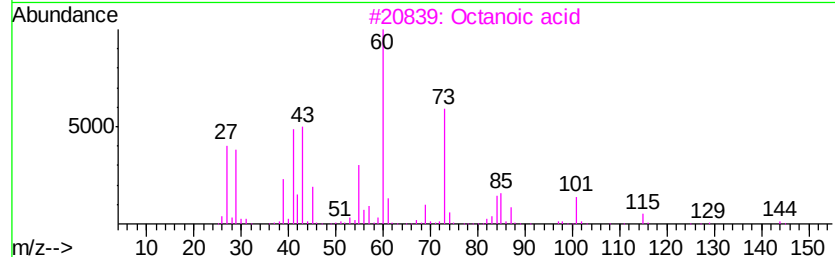
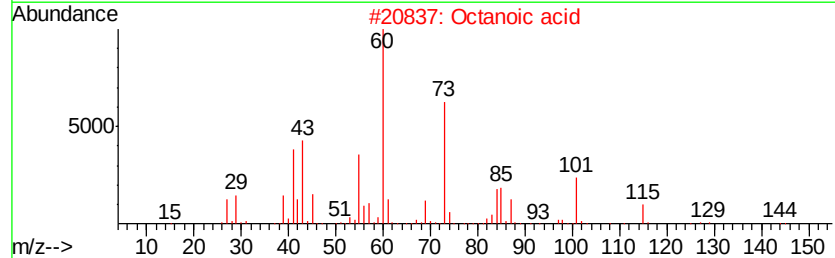
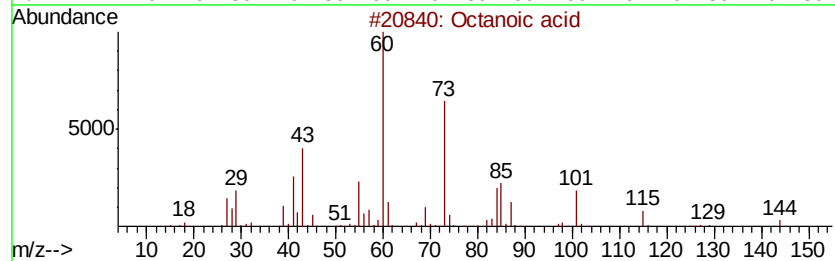
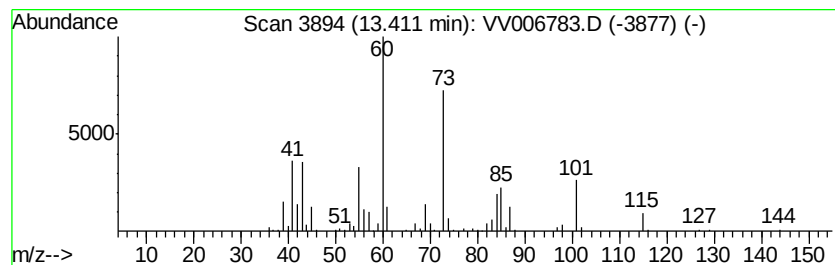
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Peak Number 5 Octanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.41	1.44 ug/L	148932	1,4-Dichlorobenzene-d4		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	95
2	Octanoic acid	144	C8H16O2	000124-07-2	91
3	Octanoic acid	144	C8H16O2	000124-07-2	87
4	Hexanoic acid	116	C6H12O2	000142-62-1	49
5	Hexanoic acid	116	C6H12O2	000142-62-1	47



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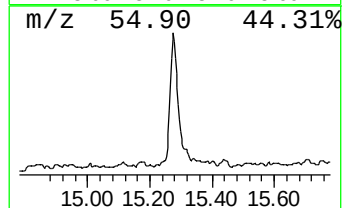
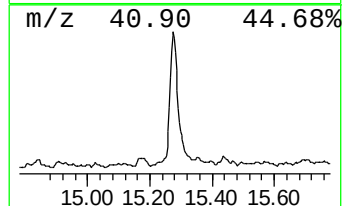
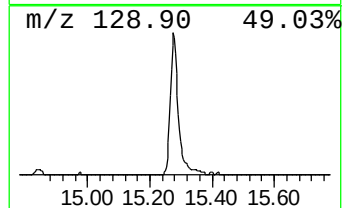
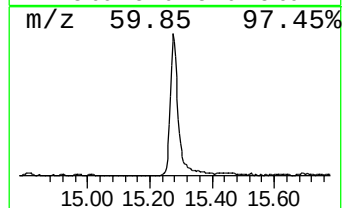
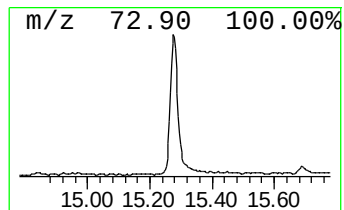
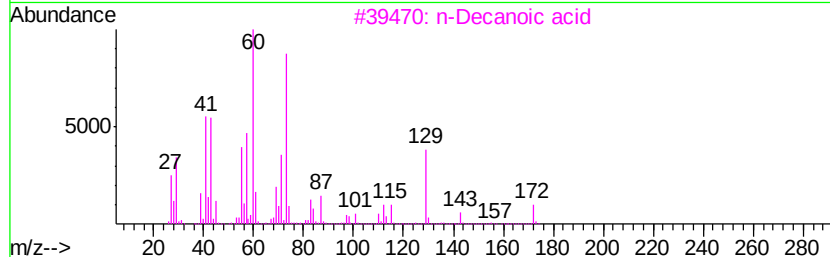
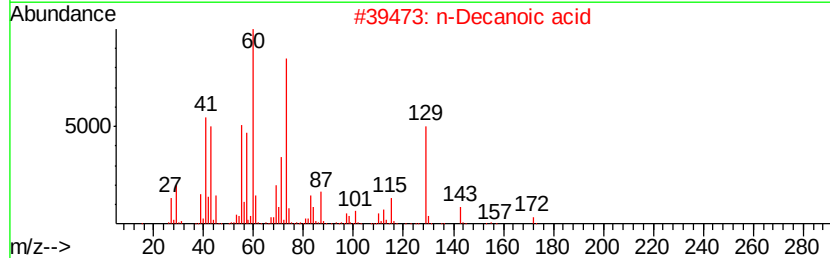
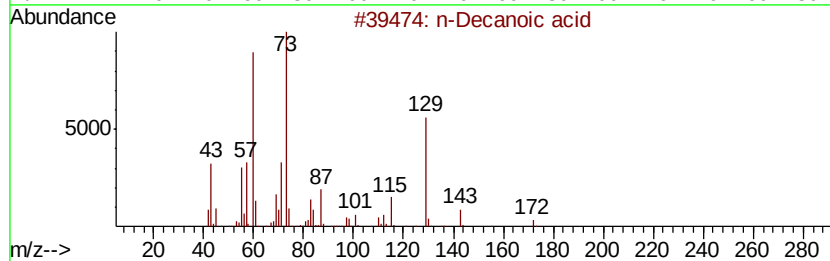
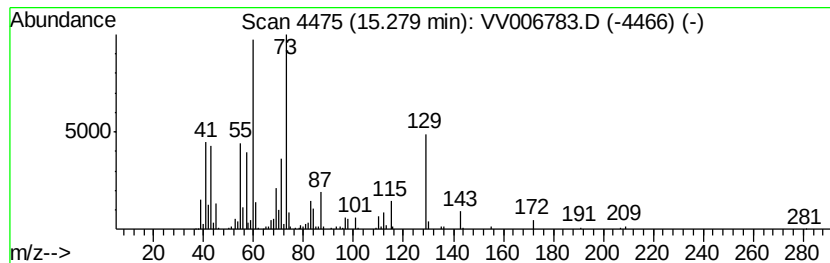
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Peak Number 6 n-Decanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	1.40 ug/L	145021	1,4-Dichlorobenzene-d4	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Decanoic acid	172	C10H20O2	000334-48-5	98
2		n-Decanoic acid	172	C10H20O2	000334-48-5	98
3		n-Decanoic acid	172	C10H20O2	000334-48-5	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hydrogen chloride	6.22	5.0	ug/L	207905	1	6.00	207905	5.0
unknown-01	8.43	1.7	ug/L	160020	2	9.03	476159	5.0
1-Hexanol, 2-ethyl-	11.60	2.7	ug/L	283038	3	11.34	518585	5.0
Octanoic acid	13.41	1.4	ug/L	148932	3	11.34	518585	5.0
n-Decanoic acid	15.28	1.4	ug/L	145021	3	11.34	518585	5.0