LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
Data File : VU027208.D
Acq On : 27 Sep 2018 03:54
Operator : MD/SY
Sample : J5048-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-123-SEP18

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_U\METHOD\82U092218W.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	1.254	19	25	35	rBV2	7789	8743	1.13%	0.157%
2	1.652	145	149	158	rVB2	6497	8012	1.03%	0.144%
3	1.948	234	241	248	rVB	9307	11755	1.51%	0.211%
4	2.096	278	287	305	rVB	37888	64627	8.33%	1.162%
5	2.286	338	346	354	rVV2	12563	18812	2.42%	0.338%
6	2.443	383	395	422	rBV	37405	69092	8.90%	1.243%
7	3.373	673	684	696	rBV5	7967	15593	2.01%	0.280%
8	3.450	696	708	723	rVB	24726	52467	6.76%	0.944%
9	4.228	926	950	971	rBV	230794	587231	75.68%	10.561%
10	4.884	1135	1154	1172	rBV2	109235	255786	32.97%	4.600%
11	4.984	1172	1185	1204	rVB	151069	331024	42.66%	5.953%
12	5.311	1271	1287	1310	rBV	137517	291078	37.51%	5.235%
13	5.887	1451	1466	1484	rBV	232463	452402	58.30%	8.136%
14	6.189	1546	1560	1579	rBV	152058	294929	38.01%	5.304%
15	7.565	1974	1988	2027	rBV	434833	775926	100.00%	13.954%
16	8.228	2182	2194	2225	rVB	252025	448023	57.74%	8.057%
17	8.536	2277	2290	2321	rBV4	16593	74511	9.60%	1.340%
18	8.983	2415	2429	2451	rBV4	32633	125982	16.24%	2.266%
19	9.089	2451	2462	2489	rVB	340135	583749	75.23%	10.498%
20	10.308	2830	2841	2860	rBV	291674	469769	60.54%	8.448%
21	11.485	3195	3207	3233	rBV	345121	556999	71.79%	10.017%
22	11.880	3322	3330	3339	rVB3	6041	8984	1.16%	0.162%
23	13.584	3851	3860	3884	rBV6	10124	34138	4.40%	0.614%
24	13.745	3902	3910	3924	rVB	12787	20809	2.68%	0.374%

Sum of corrected areas: 5560441

LSC Report - Integrated Chromatogram

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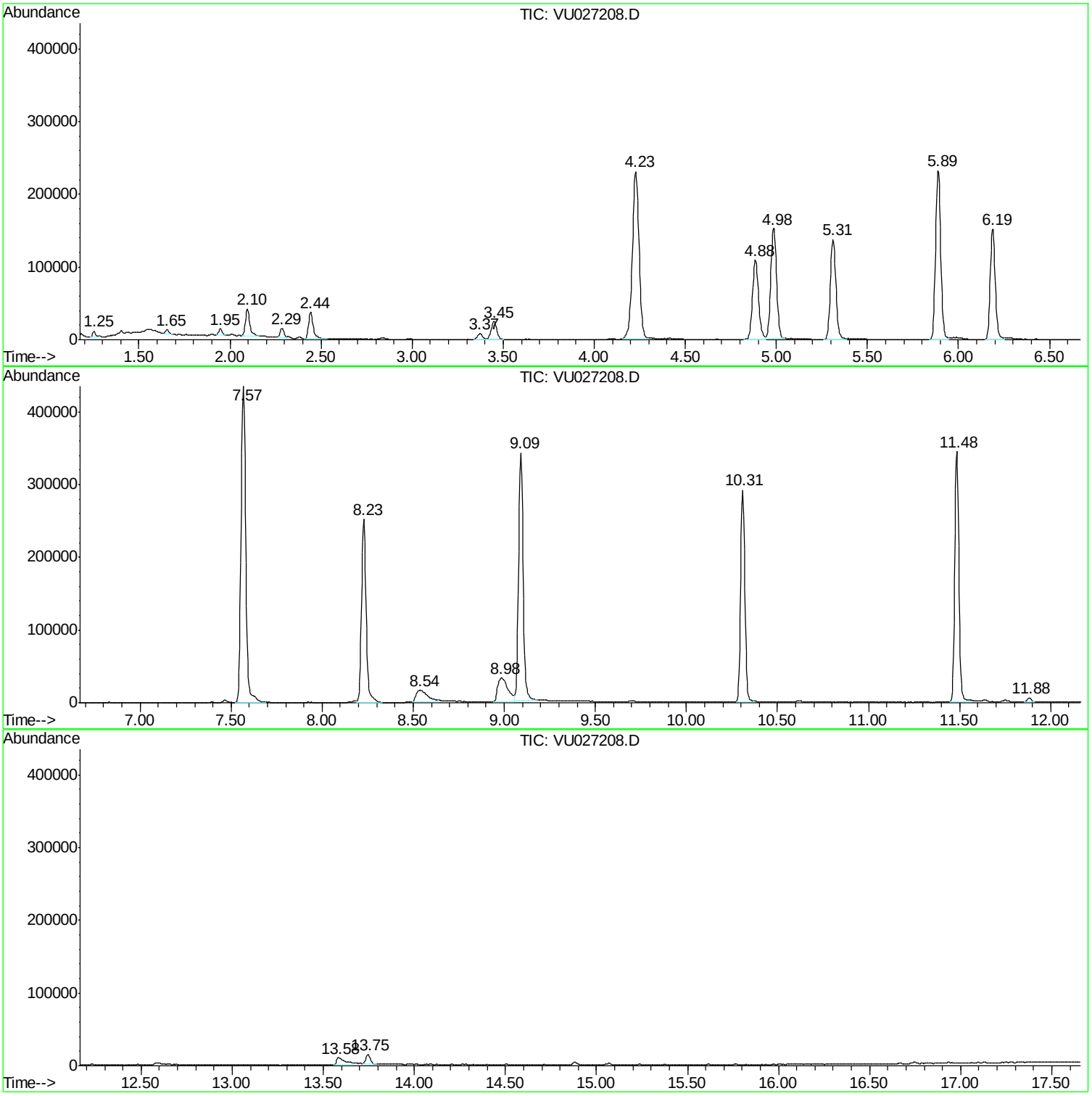
ClientSampleId : MW-123-SEP18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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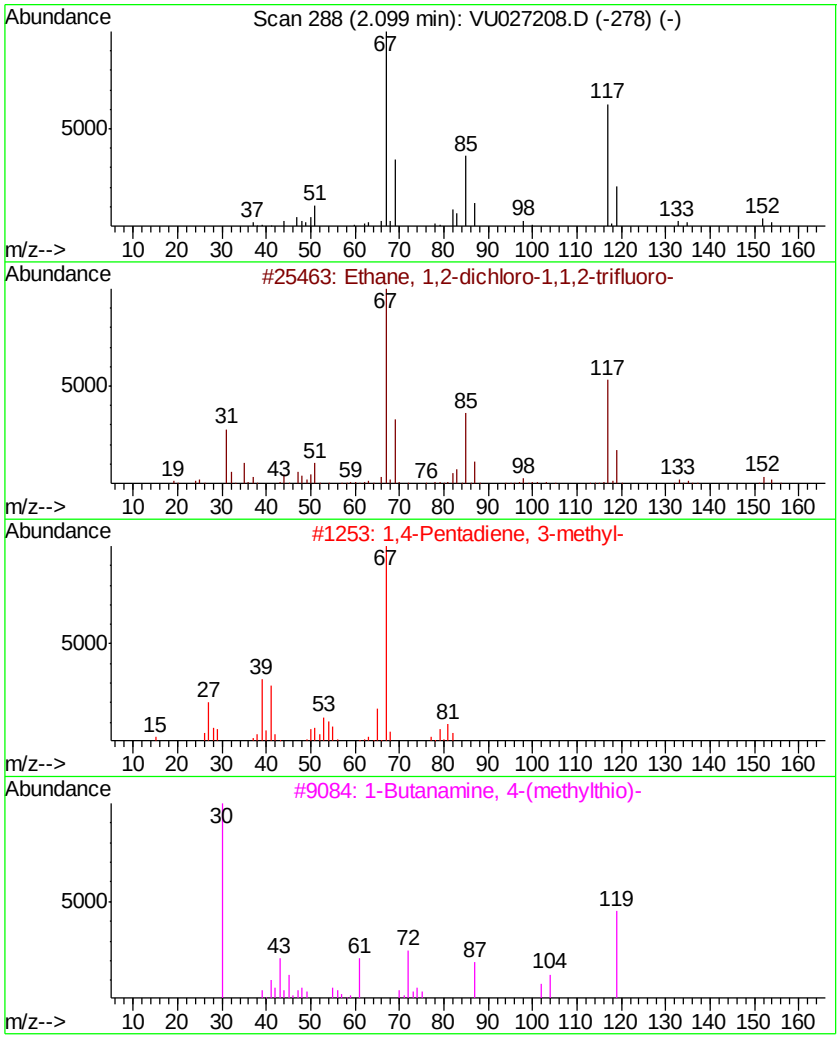
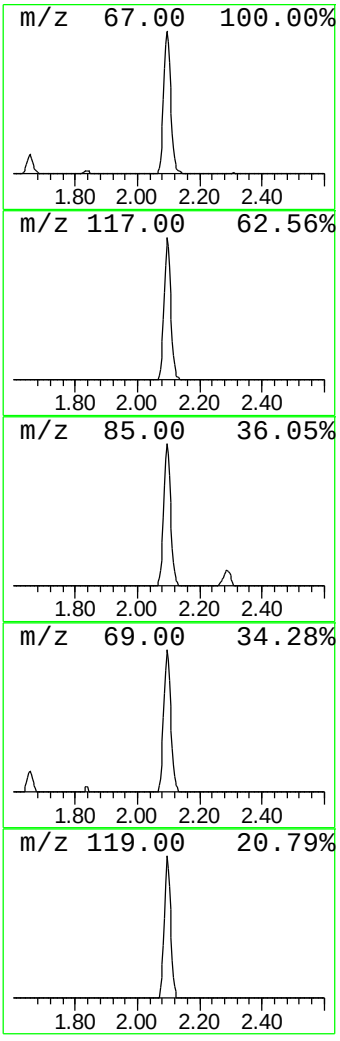
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	9.76 ug/l	64627	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	94
2	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9
3	1-Butanamine, 4-(methylthio)-	119	C5H13NS	055021-77-7	9
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	9
5	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9





Library Search Compound Report

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Quant Title : SW846 8260

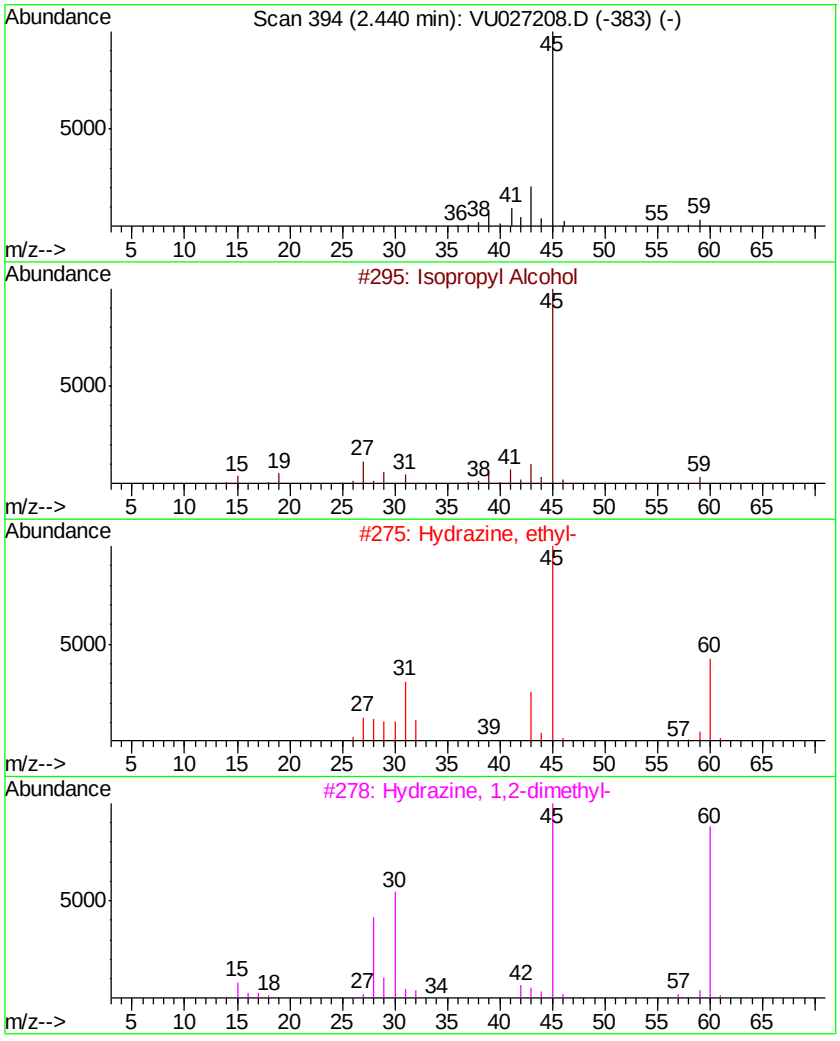
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

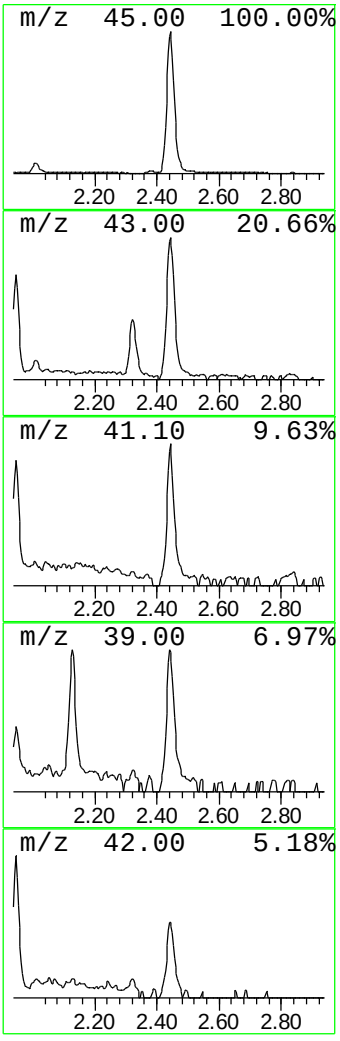
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	10.44 ug/l	69092	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
3	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4	Ethylamine	45	C2H7N	000075-04-7	7
5	Formamide	45	CH3NO	000075-12-7	5





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ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-123-SEP18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
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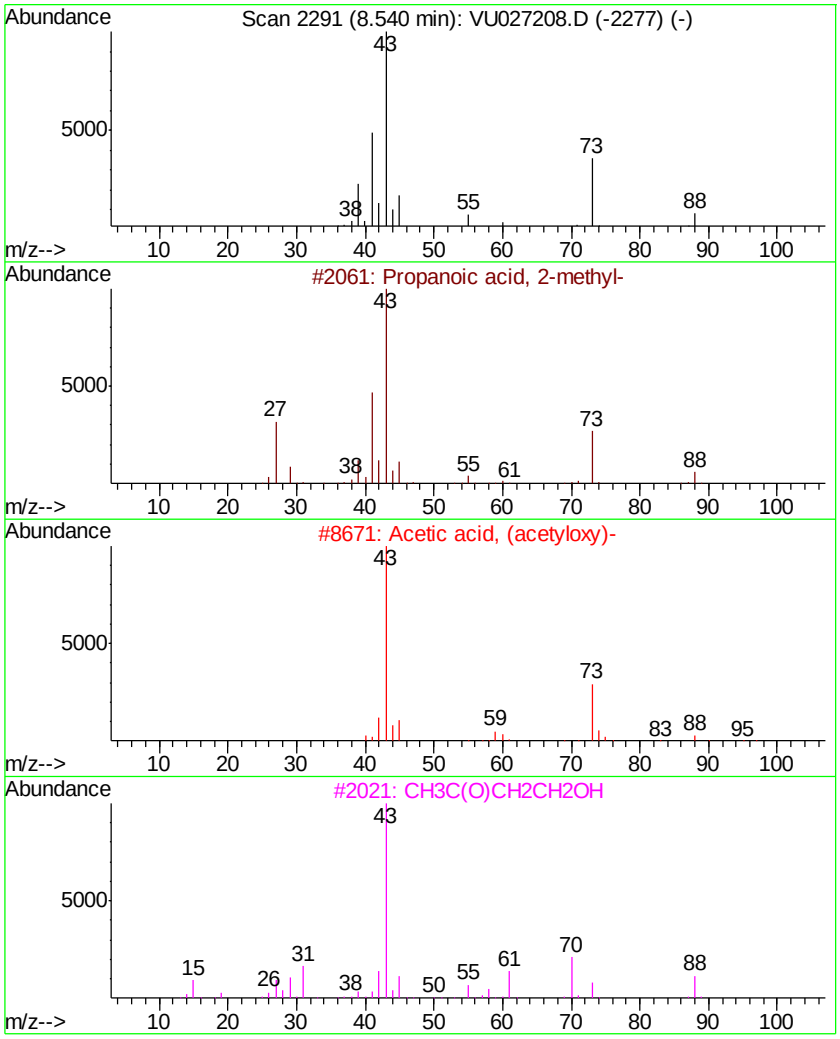
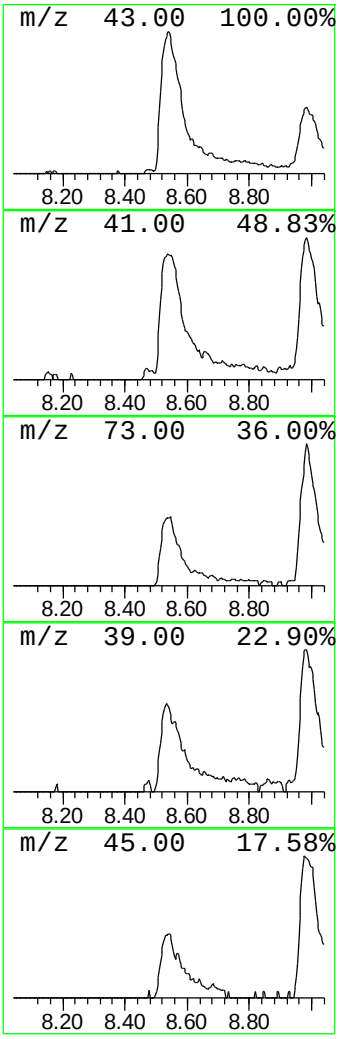
****

Peak Number 3 Propanoic acid, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	6.38 ug/l	74511	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
2	Acetic acid, (acetyloxy)-	118	C4H6O4	013831-30-6	39
3	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	37
4	Isobutylamine	73	C4H11N	000078-81-9	9
5	4-Hydroxybutyric acid hydrazide	118	C4H10N2O2	003879-08-1	9





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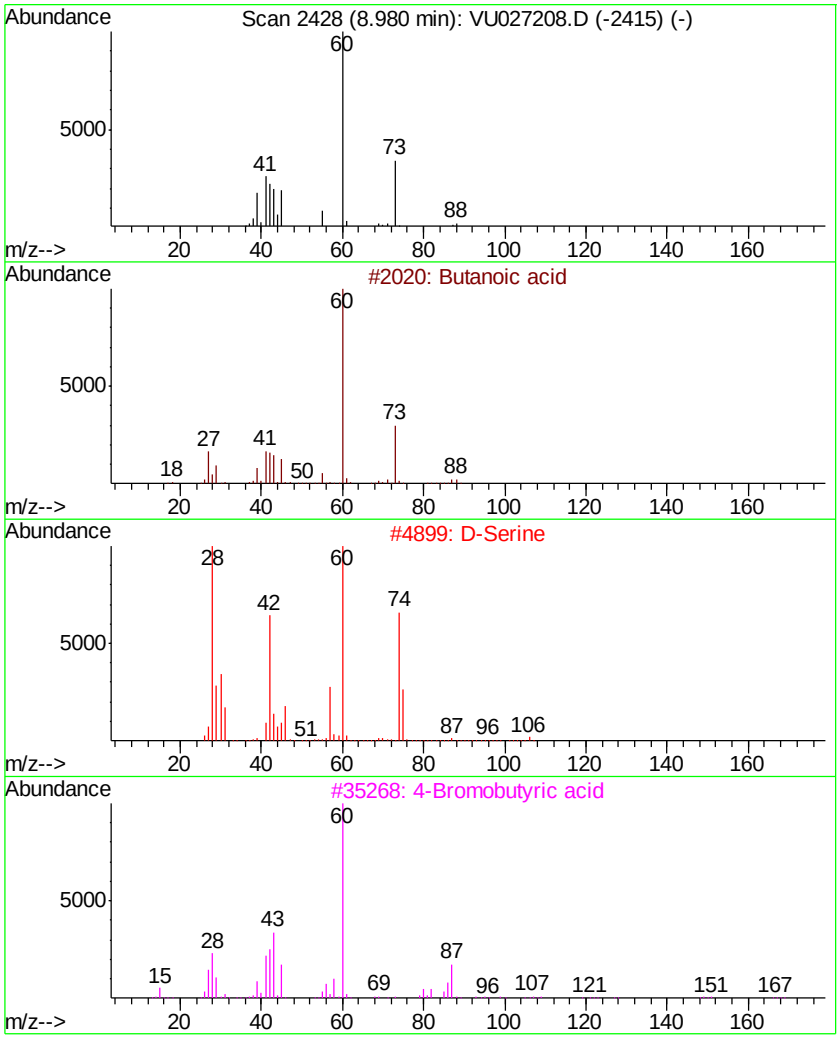
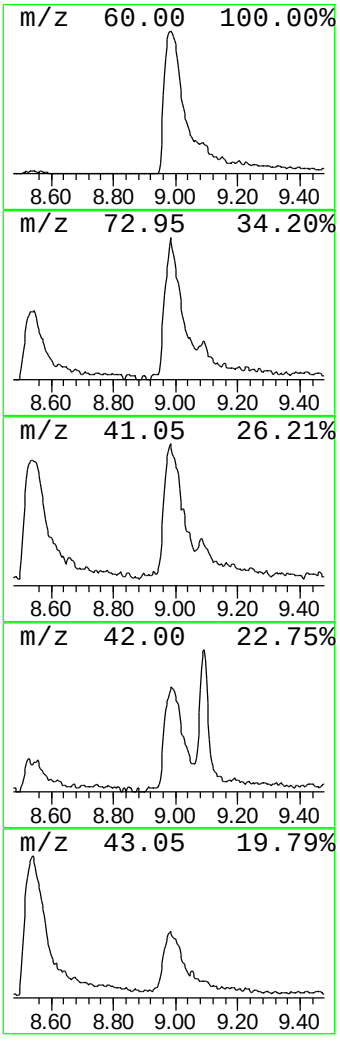
****

Peak Number 4 Butanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	10.79 ug/l	125982	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	64
2	D-Serine	105	C3H7NO3	000312-84-5	9
3	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9
4	Benserazide	257	C10H15N3O5	000322-35-0	9
5	Hexanoic acid	116	C6H12O2	000142-62-1	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,2-dichl...	2.10	9.8	ug/l	64627	1	4.99	331024	50.0
Isopropyl Alcohol	2.44	10.4	ug/l	69092	1	4.99	331024	50.0
Propanoic acid, 2...	8.54	6.4	ug/l	74511	3	9.09	583749	50.0
Butanoic acid	8.98	10.8	ug/l	125982	3	9.09	583749	50.0