

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040092.D
 Acq On : 10 Sep 2020 19:35
 Operator : SY/MD
 Sample : L3961-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y35

Quant Time: Sep 11 05:15:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31155	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.92	69	24986	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	48295	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.65	46	101324	43.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.42%
24) Chloroform-d	5.08	84	60254	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	37057	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.74	84	112789	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	36339	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.91	98	99187	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	14106	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.64	63	73871	40.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32506	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37131	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

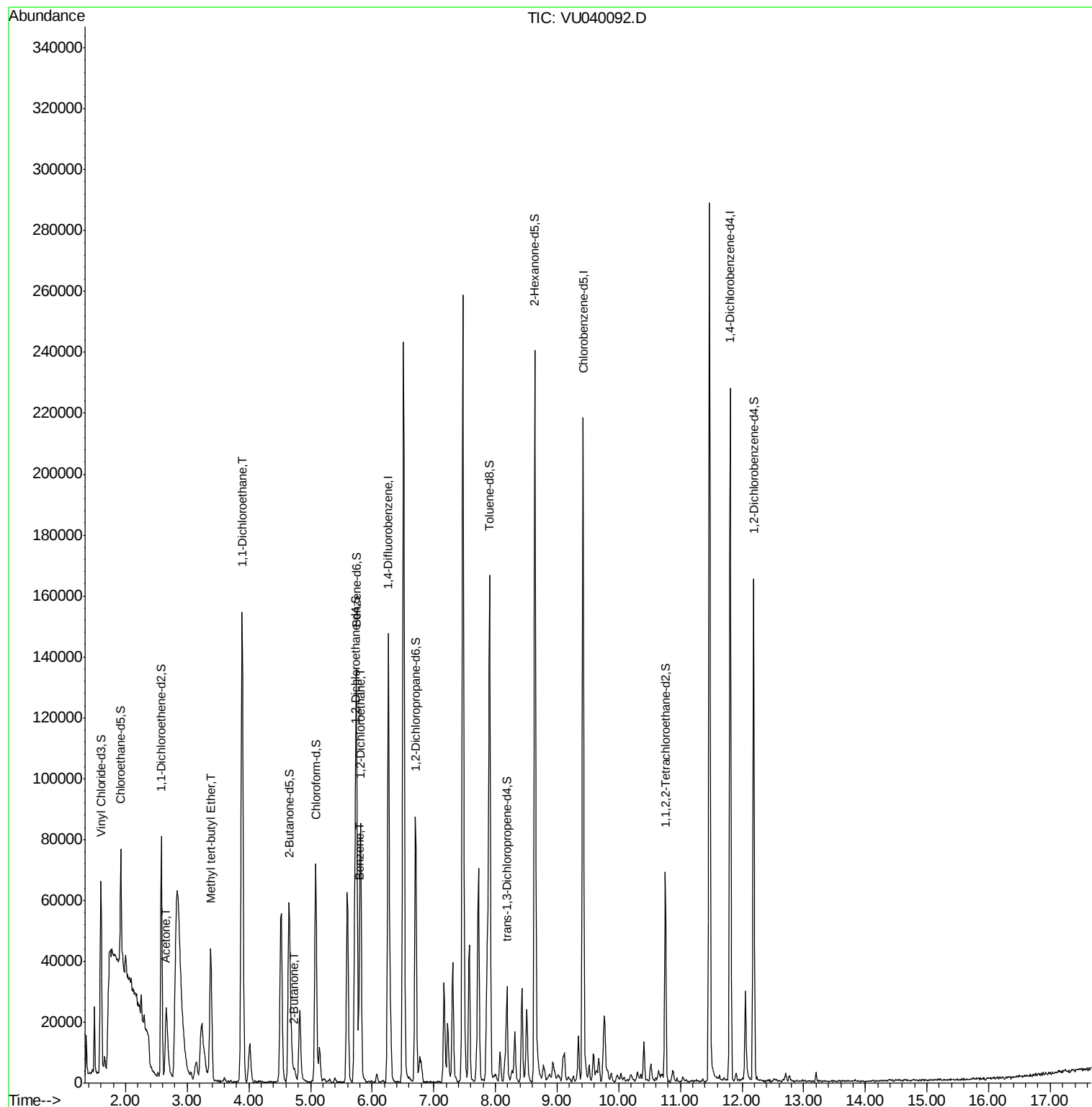
					Ovalue
13) Acetone	2.66	43	47527	21.896	ug/L 92
17) Methyl tert-butyl Ether	3.38	73	43807	1.749	ug/L 97
19) 1,1-Dichloroethane	3.89	63	173099	9.409	ug/L 99
21) 2-Butanone	4.74	43	4490	1.267	ug/L 96
27) 1,2-Dichloroethane	5.81	62	69162	5.010	ug/L 100
33) Benzene	5.79	78	6416	0.166	ug/L 100

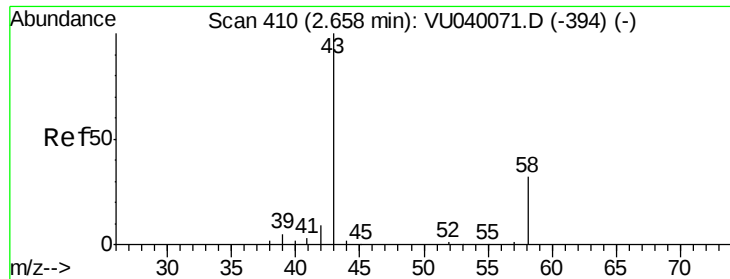
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 11 01:49:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 21.896 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU040092.D

Acq: 10 Sep 2020 19:35

Instrument :

MSVOA_U

ClientSampled :

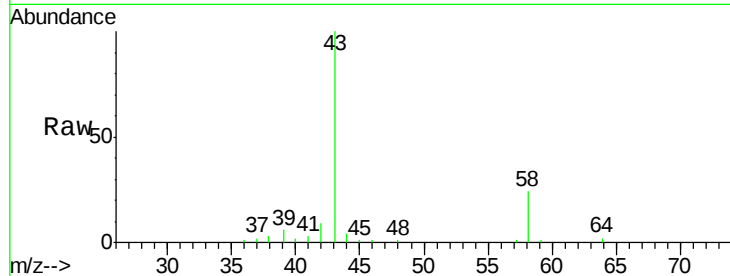
F4Y35

Tot Ion: 43 Resp: 47527

Ion Ratio Lower Upper

43 100

58 23.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

15000

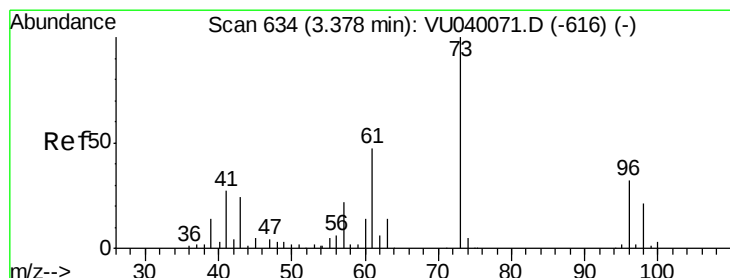
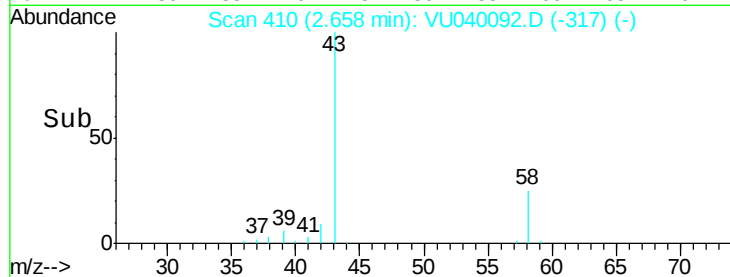
10000

5000

0

Time-->

2.60 2.70 2.80



#17

Methyl tert-butyl Ether

Concen: 1.749 ug/L

RT: 3.38 min Scan# 634

Delta R.T. -0.00 min

Lab File: VU040092.D

Acq: 10 Sep 2020 19:35

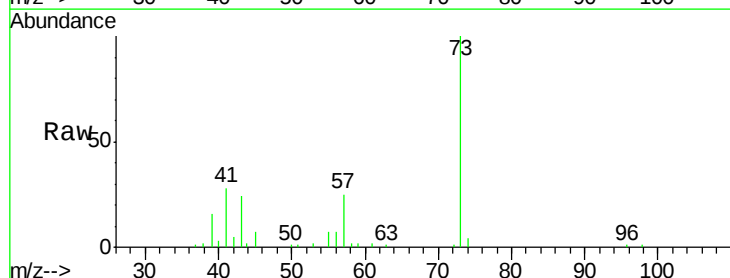
Tgt Ion: 73 Resp: 43807

Ion Ratio Lower Upper

73 100

43 25.9 19.1 28.7

57 24.1 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

3.38

25000

20000

15000

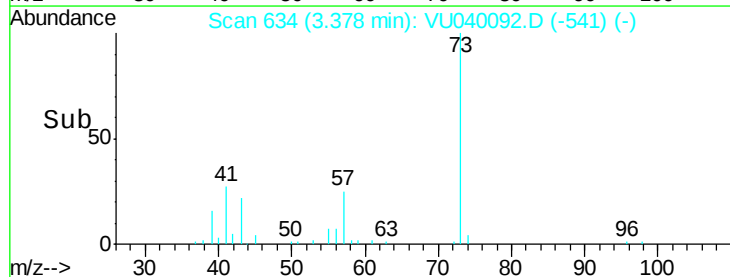
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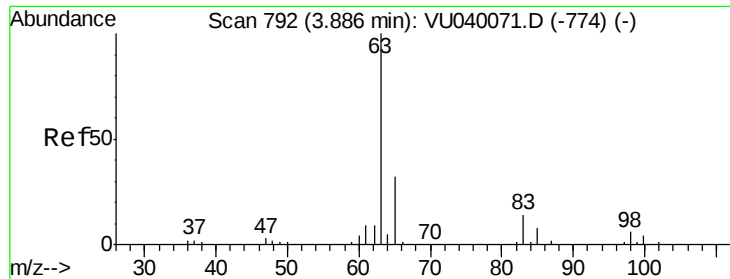
5000

0

Time-->

3.30 3.35 3.40 3.45

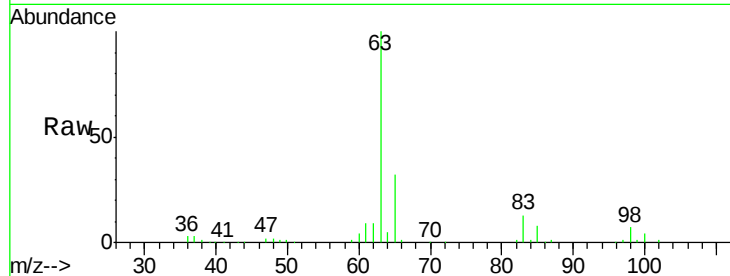




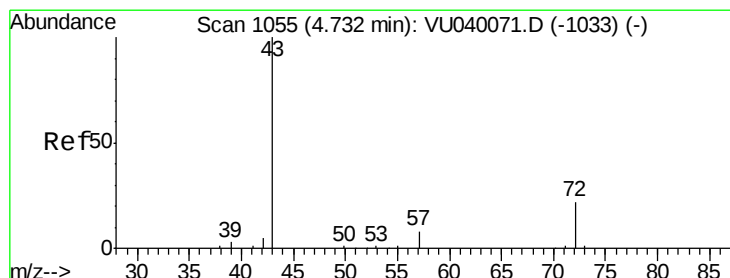
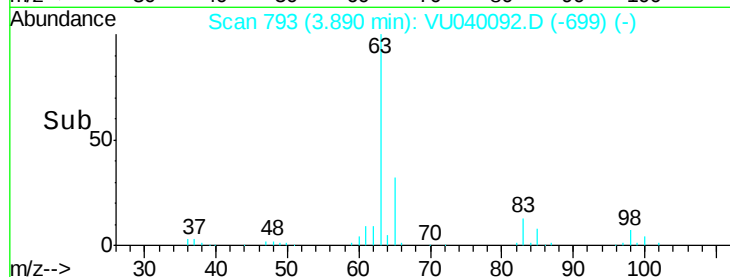
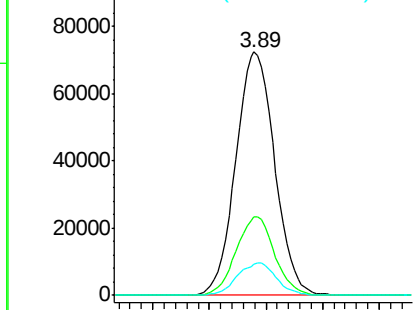
#19
 1,1-Dichloroethane
 Concen: 9.409 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040092.D
 Acq: 10 Sep 2020 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y35

Tot Ion: 63 Resp: 173099
 Ion Ratio Lower Upper
 63 100
 65 32.3 22.2 41.2
 83 12.7 9.4 17.6

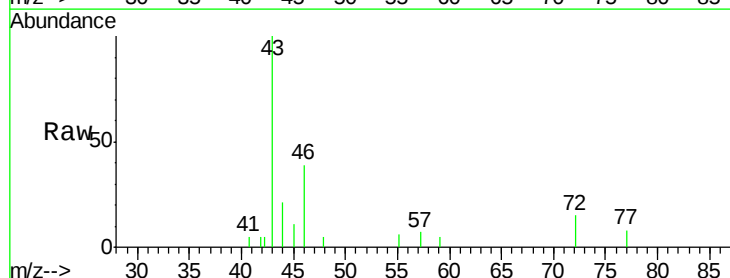


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

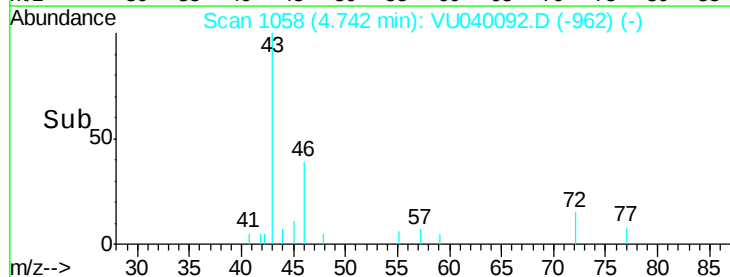
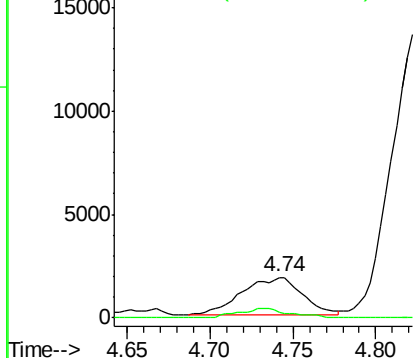


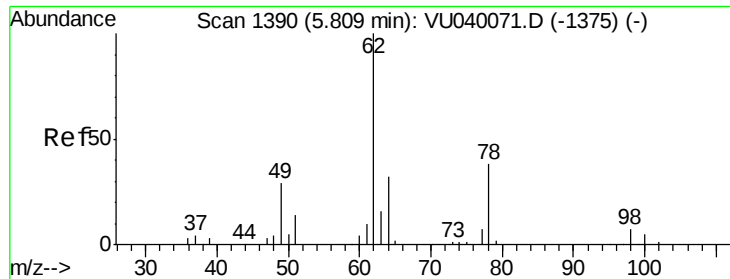
#21
 2-Butanone
 Concen: 1.267 ug/L
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU040092.D
 Acq: 10 Sep 2020 19:35

Tgt Ion: 43 Resp: 4490
 Ion Ratio Lower Upper
 43 100
 72 21.5 11.7 35.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0

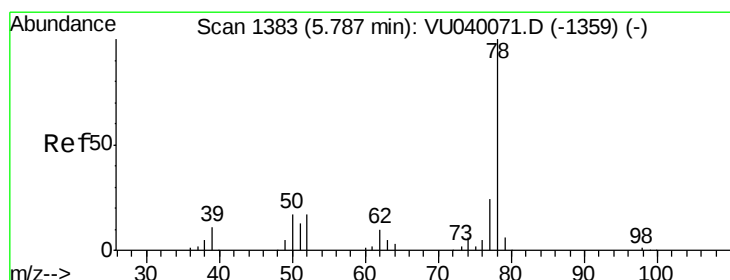
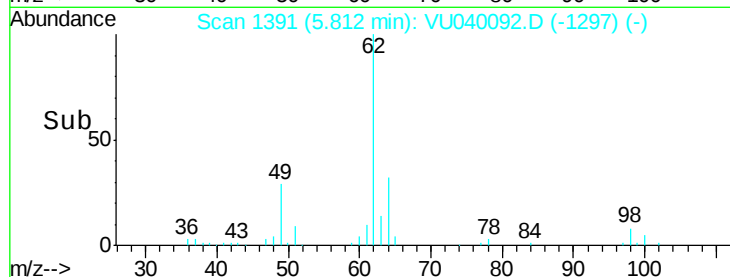
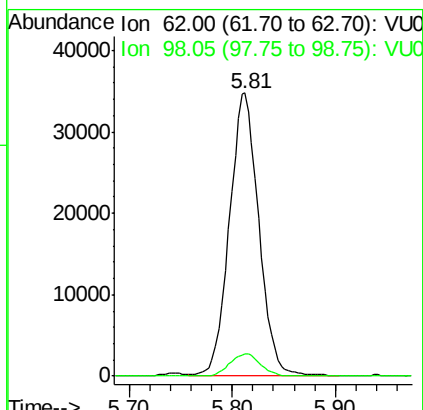
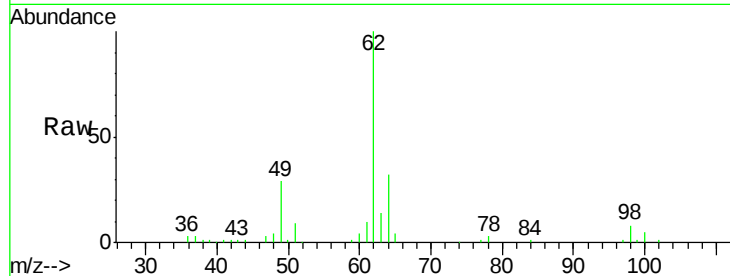




#27
 1,2-Dichloroethane
 Concen: 5.010 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VU040092.D
 Acq: 10 Sep 2020 19:35

Instrument :
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 ClientSampleId :
 F4Y35

Tot Ion: 62 Resp: 69162
 Ion Ratio Lower Upper
 62 100
 98 7.7 6.1 9.1



#33
 Benzene
 Concen: 0.166 ug/L
 RT: 5.79 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VU040092.D
 Acq: 10 Sep 2020 19:35

Tgt Ion: 78 Resp: 6416

