

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040090.D
 Acq On : 10 Sep 2020 18:48
 Operator : SY/MD
 Sample : L3961-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y33

Quant Time: Sep 11 05:09:51 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	106069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30758	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.92	69	24609	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	48016	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.65	46	102410	44.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.42%
24) Chloroform-d	5.08	84	59160	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.72	65	36249	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.75	84	109488	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.70	67	35699	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.91	98	91294	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	14037	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.64	63	73053	40.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31679	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	35185	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

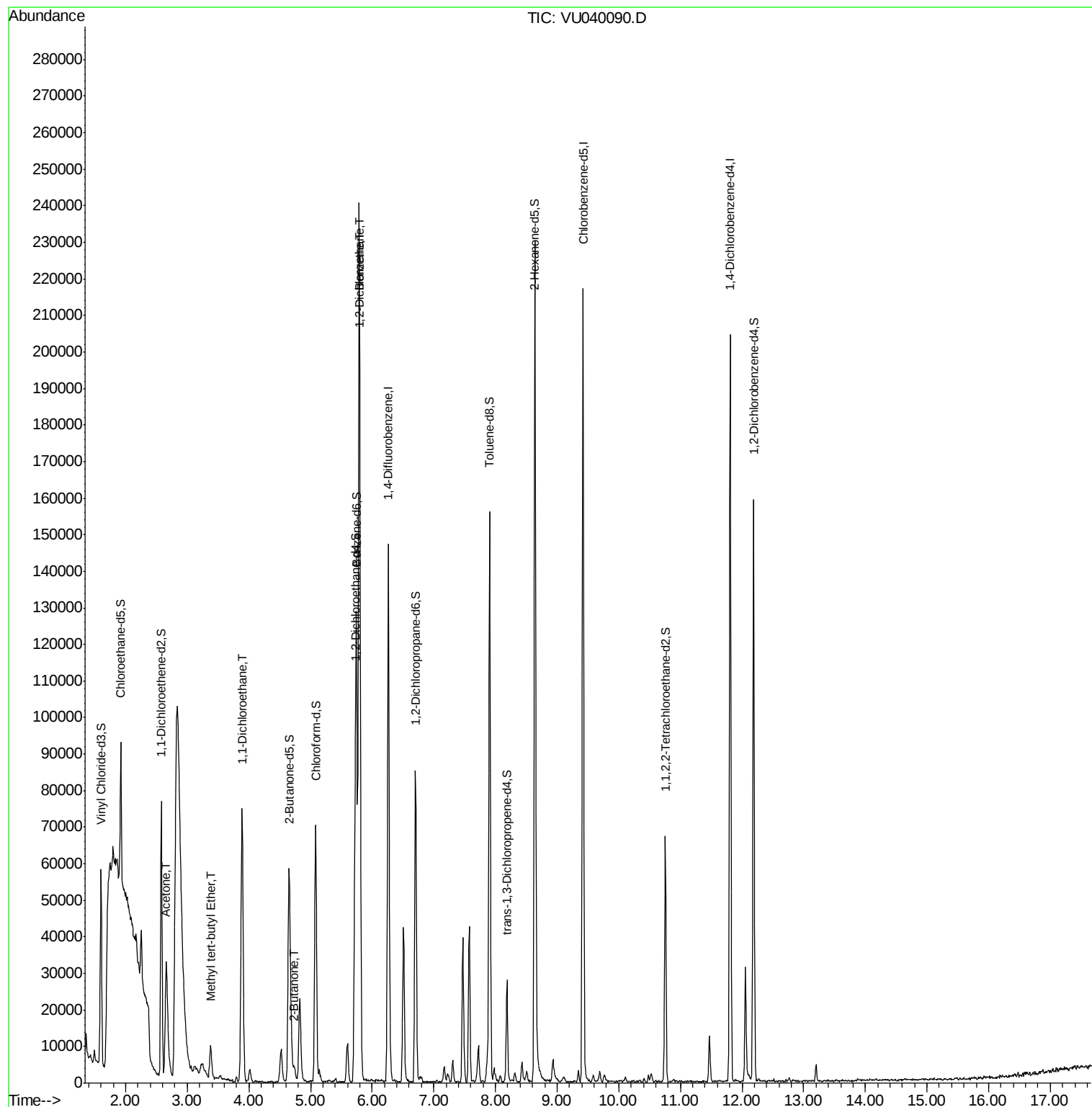
					Ovalue
13) Acetone	2.66	43	64426	30.045	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	7788	0.315	ug/L # 88
19) 1,1-Dichloroethane	3.89	63	82917	4.562	ug/L 98
21) 2-Butanone	4.73	43	4238	1.211	ug/L 89
27) 1,2-Dichloroethane	5.81	62	17065	1.251	ug/L # 96
33) Benzene	5.79	78	206438	5.365	ug/L 100

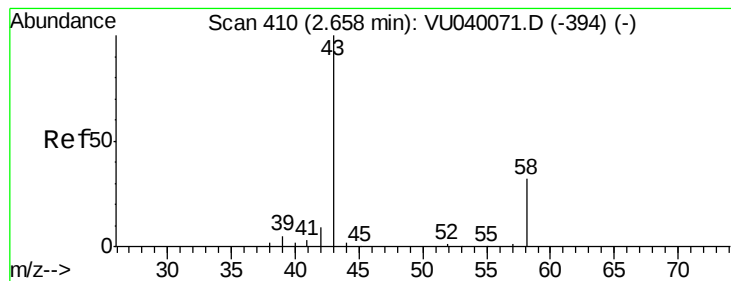
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040090.D
Acq On : 10 Sep 2020 18:48
Operator : SY/MD
Sample : L3961-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y33

Quant Time: Sep 11 05:09:51 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





#13

Acetone

Concen: 30.045 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU040090.D

Acq: 10 Sep 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

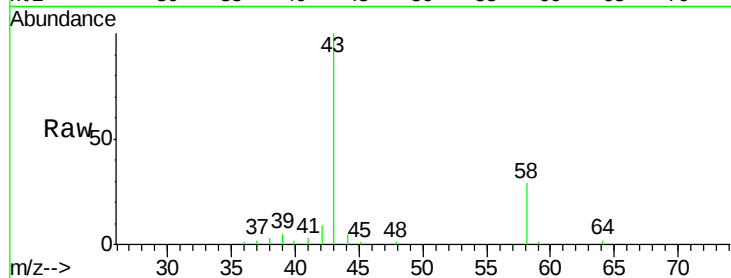
F4Y33

Tot Ion: 43 Resp: 64426

Ion Ratio Lower Upper

43 100

58 27.8 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040071.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU040071.D (-394) (-)

2.66

20000

15000

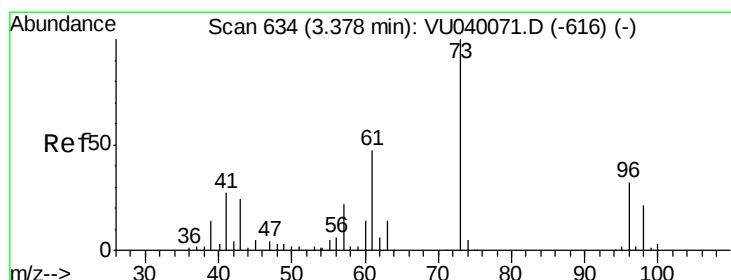
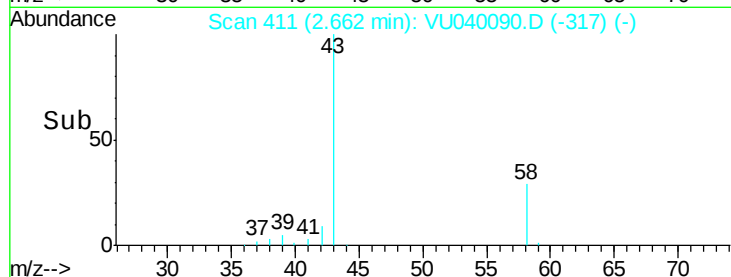
10000

5000

0

Time-->

2.60 2.70 2.80



#17

Methyl tert-butyl Ether

Concen: 0.315 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU040090.D

Acq: 10 Sep 2020 18:48

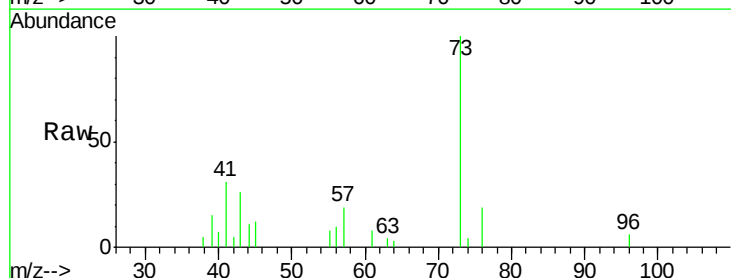
Tgt Ion: 73 Resp: 7788

Ion Ratio Lower Upper

73 100

43 13.1 19.1 28.7#

57 22.1 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU040071.D (-616) (-)

Ion 43.05 (42.75 to 43.75): VU040071.D (-616) (-)

Ion 57.10 (56.80 to 57.80): VU040071.D (-616) (-)

3.38

4000

3000

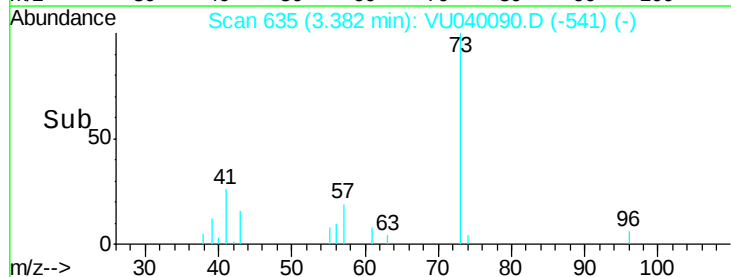
2000

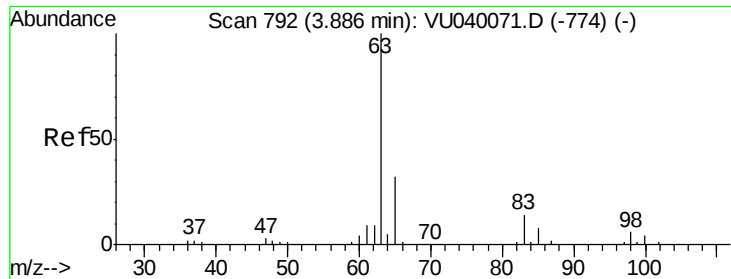
1000

0

Time-->

3.30 3.35 3.40 3.45

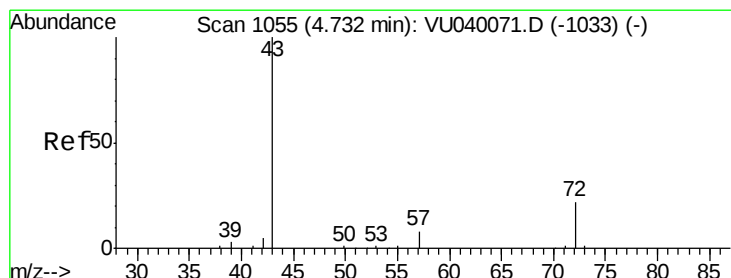
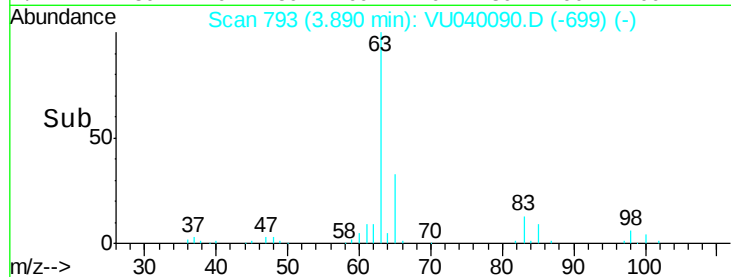
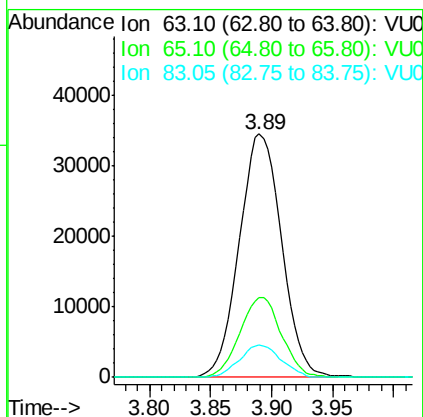
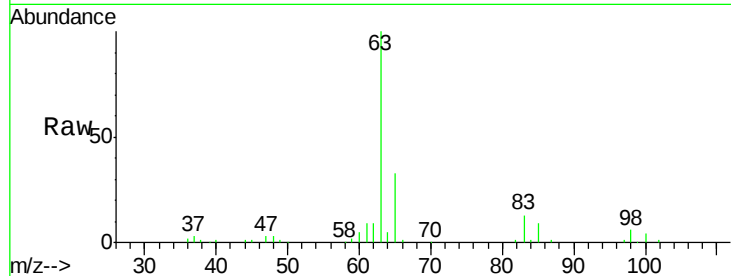




#19
 1,1-Dichloroethane
 Concen: 4.562 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040090.D
 Acq: 10 Sep 2020 18:48

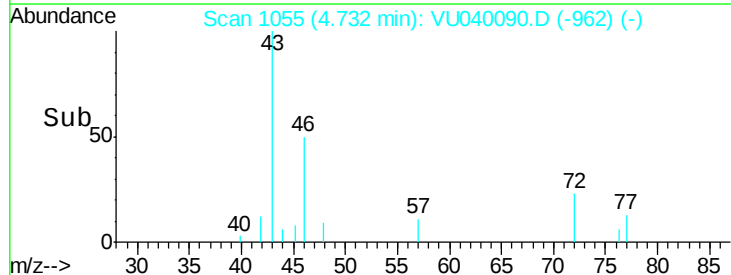
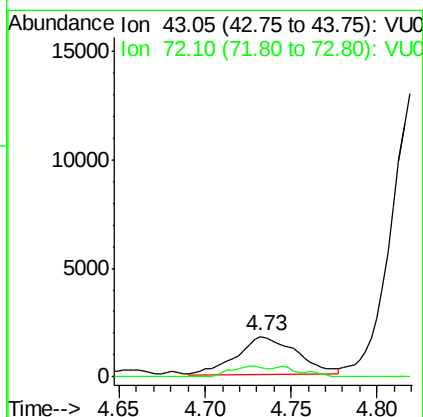
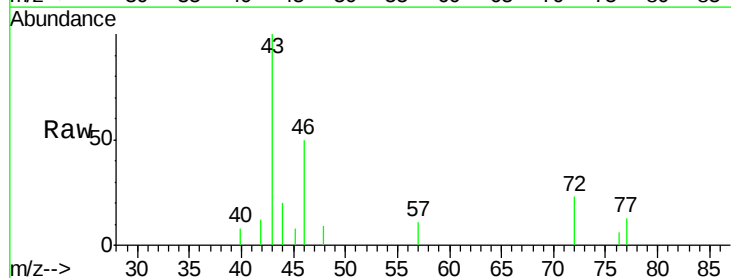
Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y33

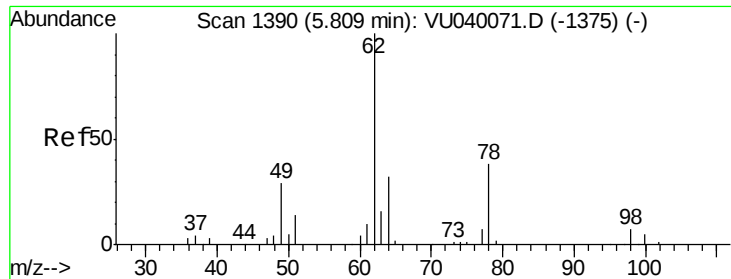
Tot Ion: 63 Resp: 82917
 Ion Ratio Lower Upper
 63 100
 65 32.8 22.2 41.2
 83 13.2 9.4 17.6



#21
 2-Butanone
 Concen: 1.211 ug/L
 RT: 4.73 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VU040090.D
 Acq: 10 Sep 2020 18:48

Tgt Ion: 43 Resp: 4238
 Ion Ratio Lower Upper
 43 100
 72 17.9 11.7 35.0

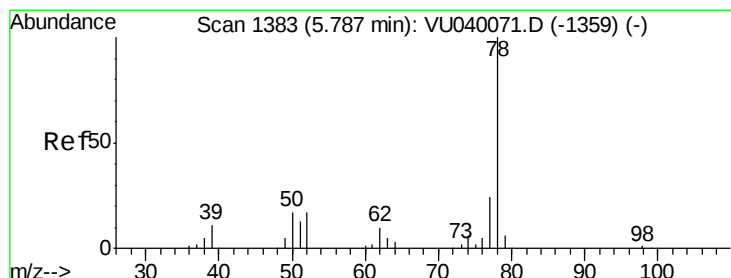
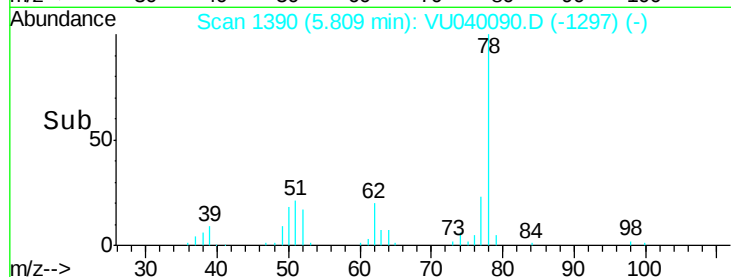
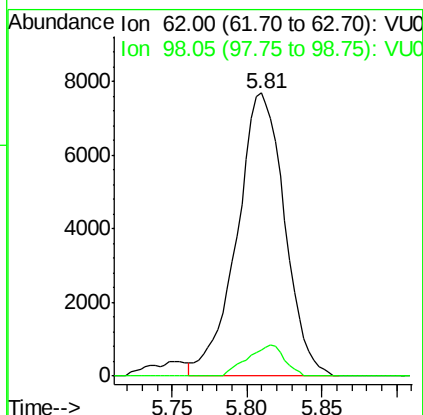
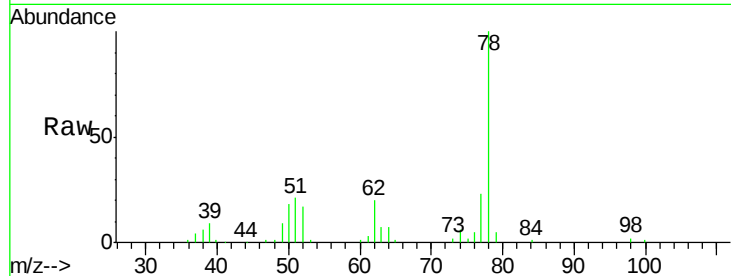




#27
 1,2-Dichloroethane
 Concen: 1.251 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU040090.D
 Acq: 10 Sep 2020 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y33

Tot Ion: 62 Resp: 17065
 Ion Ratio Lower Upper
 62 100
 98 9.1 6.1 9.1#



#33
 Benzene
 Concen: 5.365 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU040090.D
 Acq: 10 Sep 2020 18:48

Tgt Ion: 78 Resp: 206438

