

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091020\
 Data File : VU040088.D
 Acq On : 10 Sep 2020 18:01
 Operator : SY/MD
 Sample : L3961-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y29

Quant Time: Sep 11 01:58:09 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	106220	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107738	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30420	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.92	69	24687	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	49039	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.65	46	101699	43.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	5.08	84	58183	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.72	65	36478	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.75	84	111190	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	36135	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	92169	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	13733	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.64	63	72756	40.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30958	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35266	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

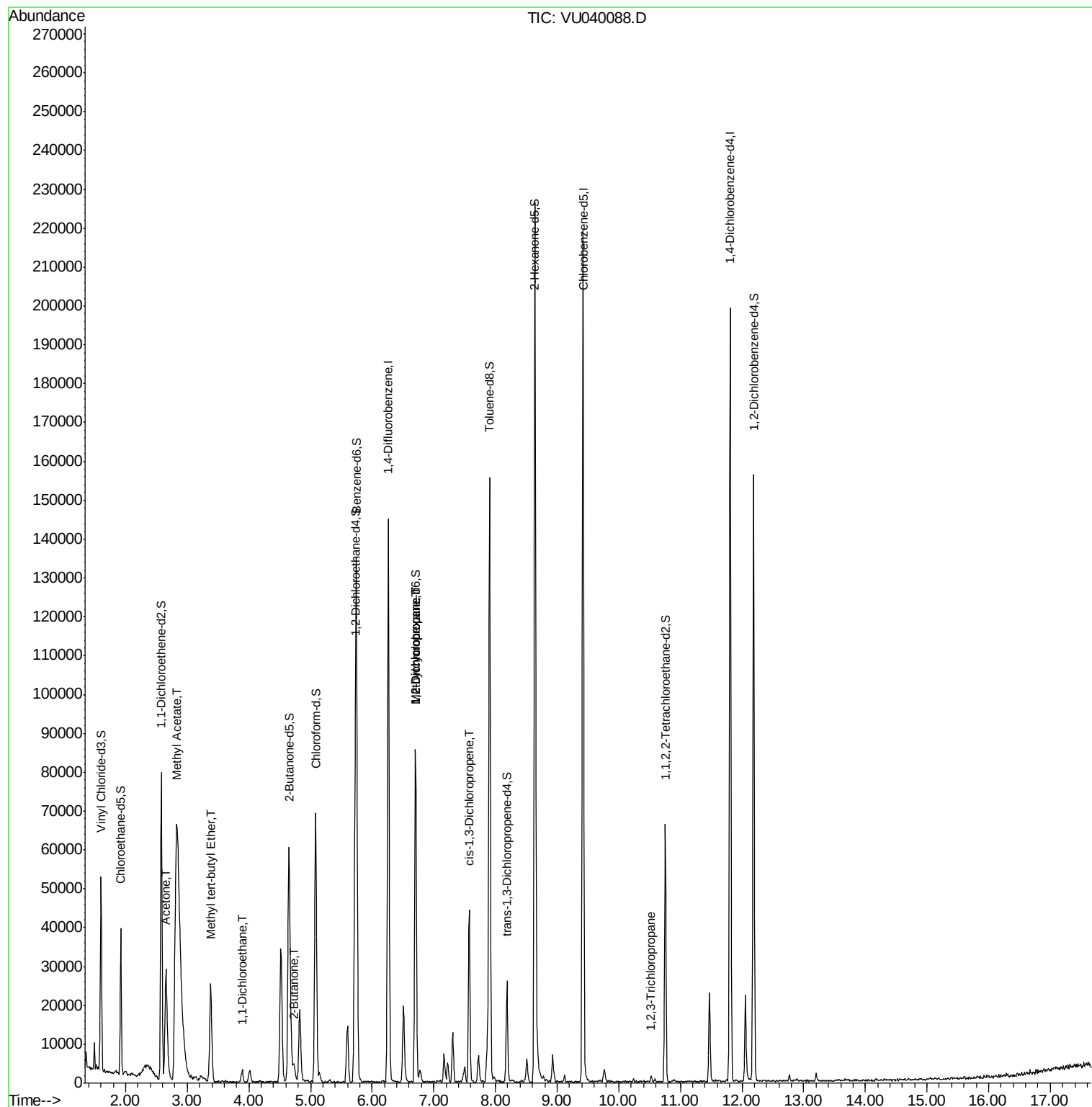
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	49472	23.038	ug/L	98
15) Methyl Acetate	2.83	43	23679	4.394	ug/L #	54
17) Methyl tert-butyl Ether	3.38	73	24874	1.004	ug/L	96
19) 1,1-Dichloroethane	3.90	63	3696	0.203	ug/L	88
21) 2-Butanone	4.74	43	4390	1.252	ug/L	94
35) Methylcyclohexane	6.71	83	8699	0.549	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4393	0.421	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1243	0.081	ug/L	89
59) 1,2,3-Trichloropropane	10.53	75	871	0.113	ug/L #	44

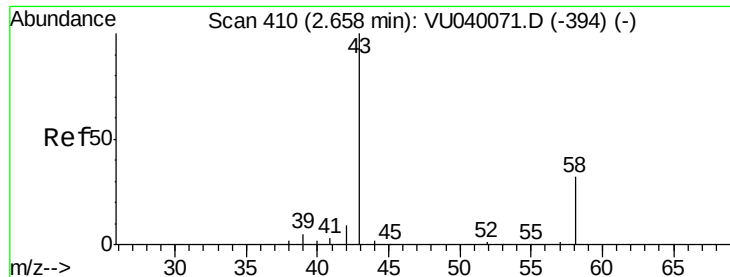
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040088.D
Acq On : 10 Sep 2020 18:01
Operator : SY/MD
Sample : L3961-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y29

Quant Time: Sep 11 01:58:09 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: 23.038 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

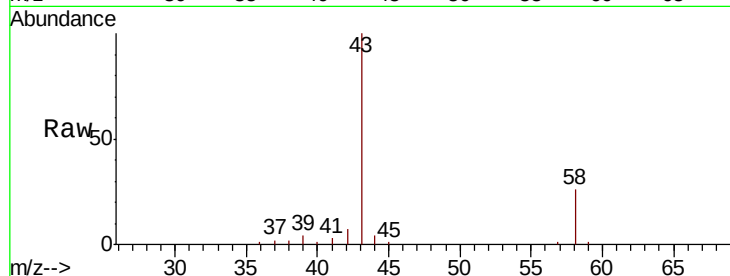
F4Y29

Tot Ion: 43 Resp: 49472

Ion Ratio Lower Upper

43 100

58 26.8 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

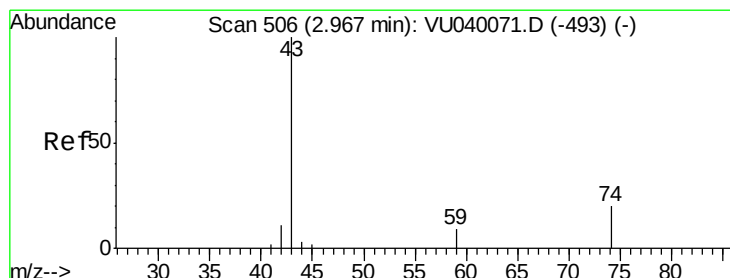
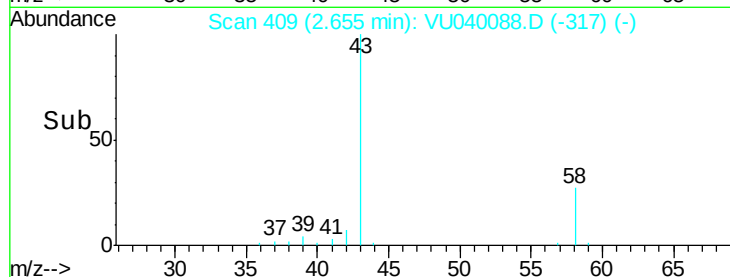
10000

5000

0

Time-->

2.60 2.70 2.80



#15

Methyl Acetate

Concen: 4.394 ug/L

RT: 2.83 min Scan# 463

Delta R.T. -0.14 min

Lab File: VU040088.D

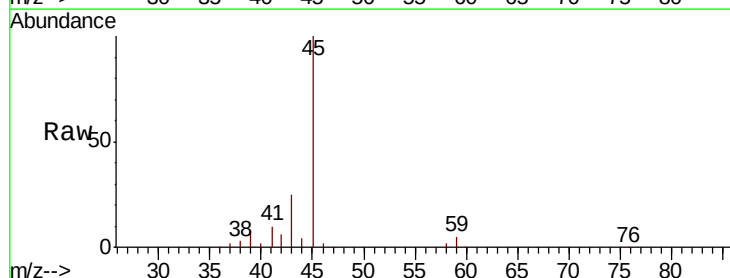
Acq: 10 Sep 2020 18:01

Tgt Ion: 43 Resp: 23679

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040071.D (-493) (-)

Ion 74.05 (73.75 to 74.75): VU040071.D (-493) (-)

2.83

10000

8000

6000

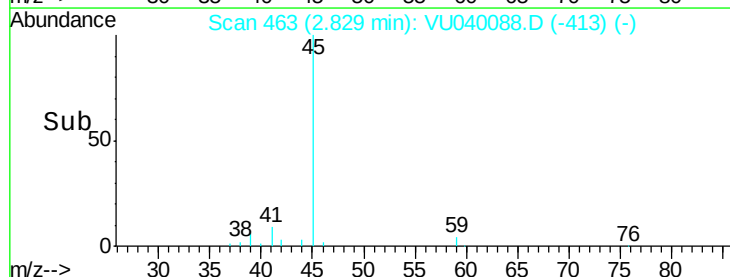
4000

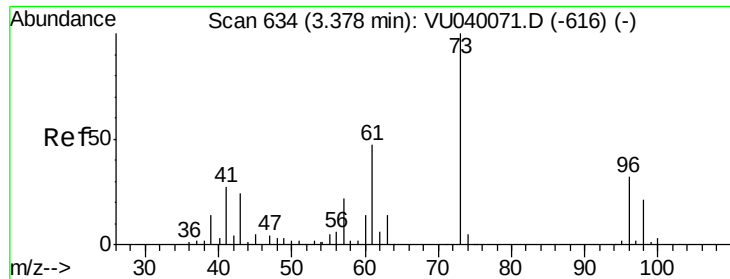
2000

0

Time-->

2.75 2.80 2.85

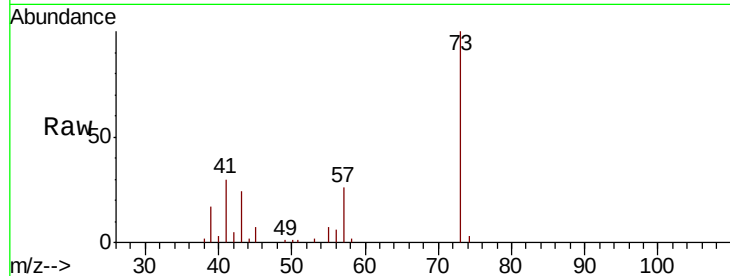




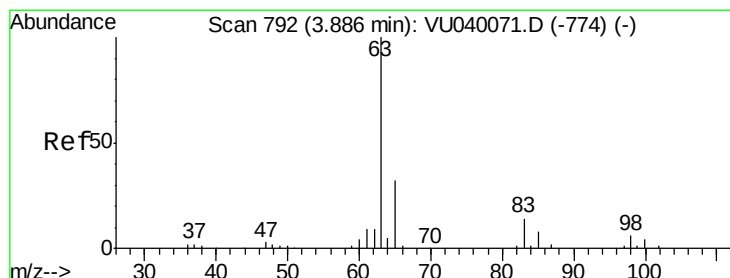
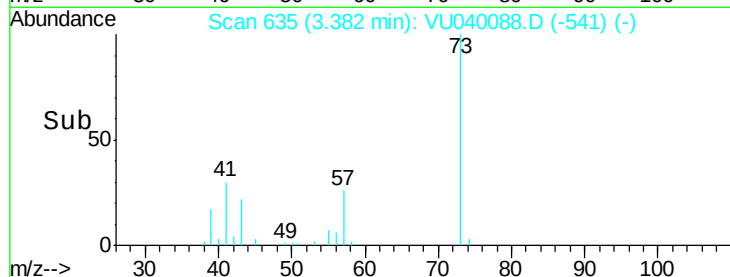
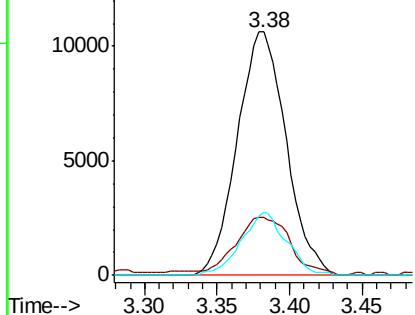
#17
Methyl tert-butyl Ether
Concen: 1.004 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040088.D
Acq: 10 Sep 2020 18:01

Instrument :
MSVOA_U
ClientSampled :
F4Y29

Tot Ion: 73 Resp: 24874
Ion Ratio Lower Upper
73 100
43 27.0 19.1 28.7
57 24.0 18.3 27.5

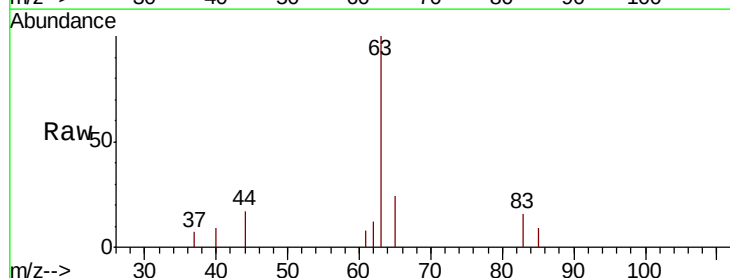


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

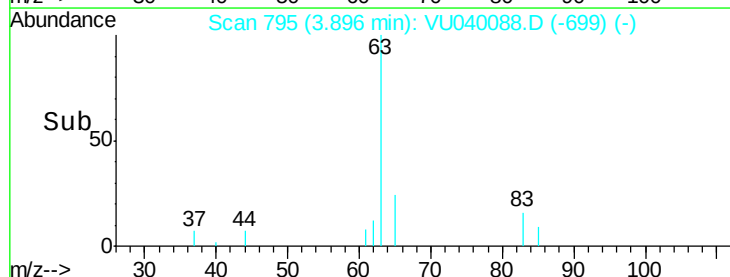
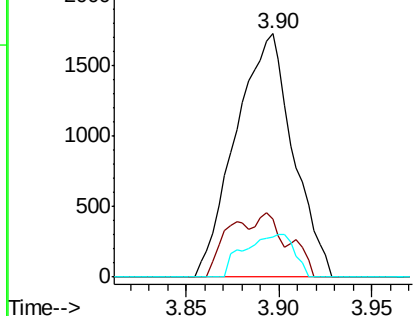


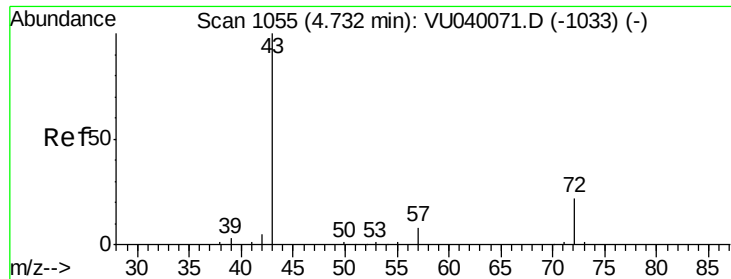
#19
1,1-Dichloroethane
Concen: 0.203 ug/L
RT: 3.90 min Scan# 795
Delta R.T. 0.01 min
Lab File: VU040088.D
Acq: 10 Sep 2020 18:01

Tgt Ion: 63 Resp: 3696
Ion Ratio Lower Upper
63 100
65 23.8 22.2 41.2
83 16.5 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: 1.252 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

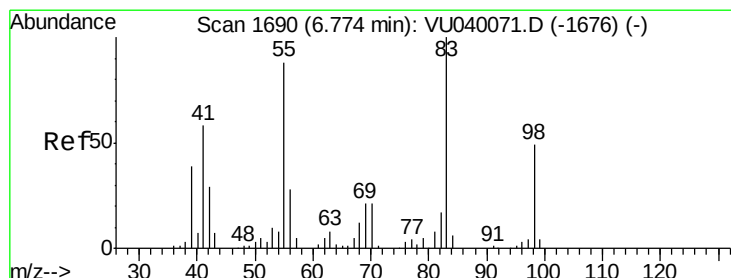
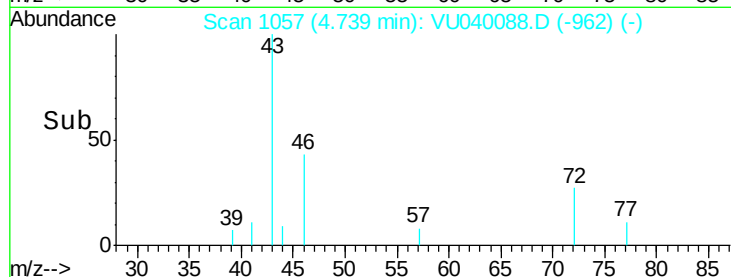
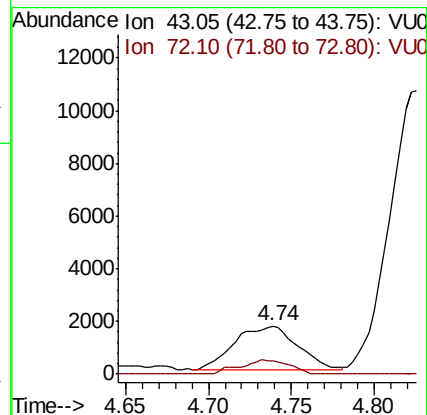
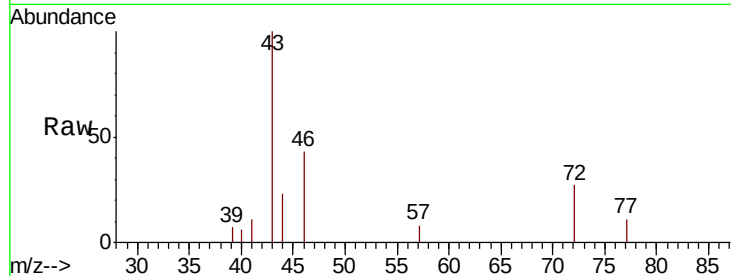
F4Y29

Tot Ion: 43 Resp: 4390

Ion Ratio Lower Upper

43 100

72 20.5 11.7 35.0



#35

Methylcyclohexane

Concen: 0.549 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

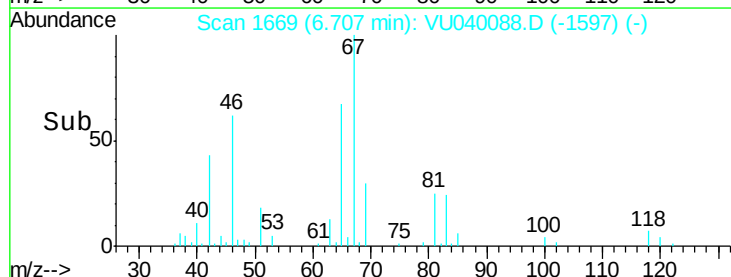
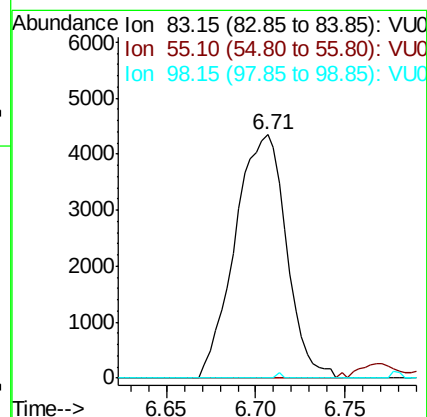
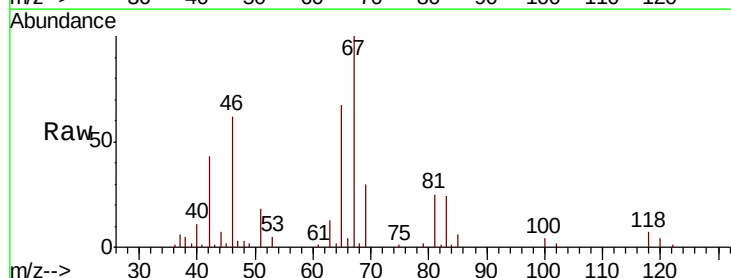
Tgt Ion: 83 Resp: 8699

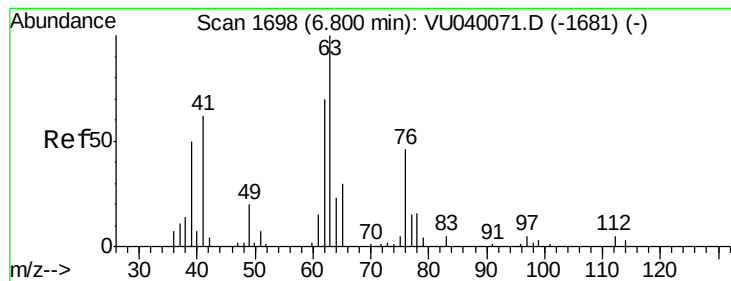
Ion Ratio Lower Upper

83 100

55 0.2 70.5 105.7#

98 0.2 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.421 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

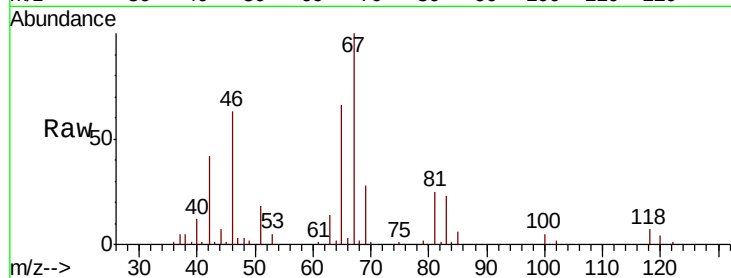
F4Y29

Tot Ion: 63 Resp: 4393

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040071.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU040071.D (-1681) (-)

6.70

2500

2000

1500

1000

500

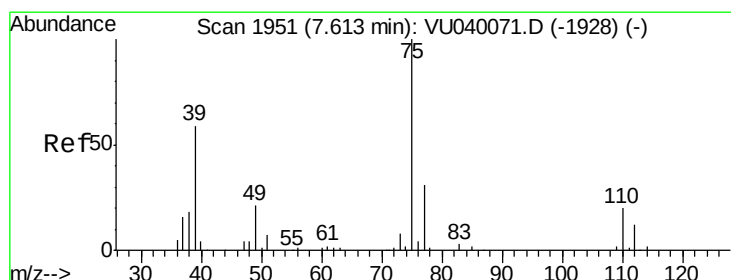
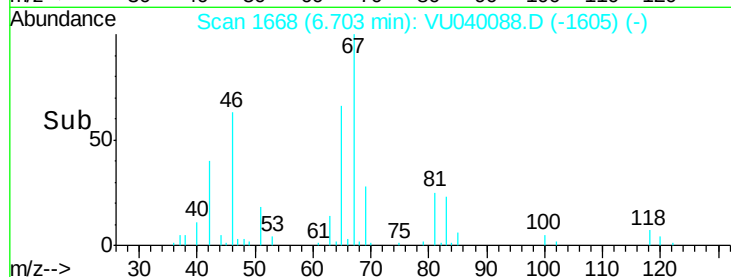
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040088.D

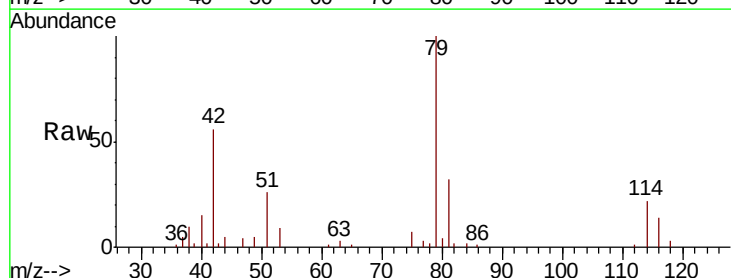
Acq: 10 Sep 2020 18:01

Tgt Ion: 75 Resp: 1243

Ion Ratio Lower Upper

75 100

77 36.2 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VU040071.D (-1928) (-)

Ion 77.05 (76.75 to 77.75): VU040071.D (-1928) (-)

7.57

1000

800

600

400

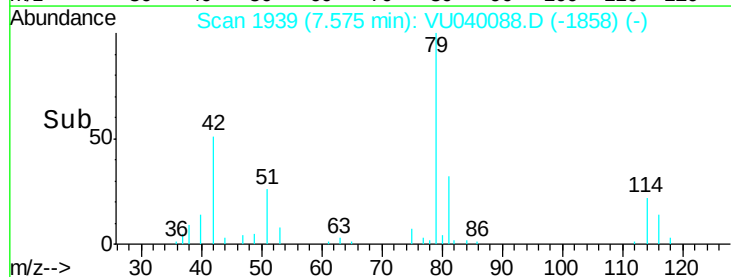
200

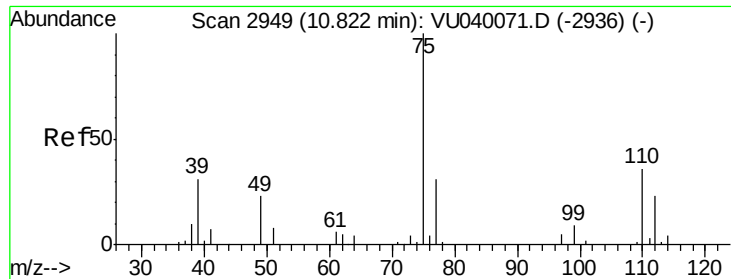
0

7.55

7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.113 ug/L

RT: 10.53 min Scan# 2857

Delta R.T. -0.30 min

Lab File: VU040088.D

Acq: 10 Sep 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

F4Y29

Tot Ion: 75 Resp: 871

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#

