

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\NOT REVIEWED DATA\
 Data File : VU040080.D
 Acq On : 10 Sep 2020 14:55
 Operator : SY/MD
 Sample : L3963-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y50

Quant Time: Sep 11 10:06:36 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	102134	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104644	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32194	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.92	69	26774	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.58	63	49756	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.65	46	104294	46.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	5.08	84	59639	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	37878	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.74	84	111244	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	36278	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	90607	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	14332	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.64	63	73727	42.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31712	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37244	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

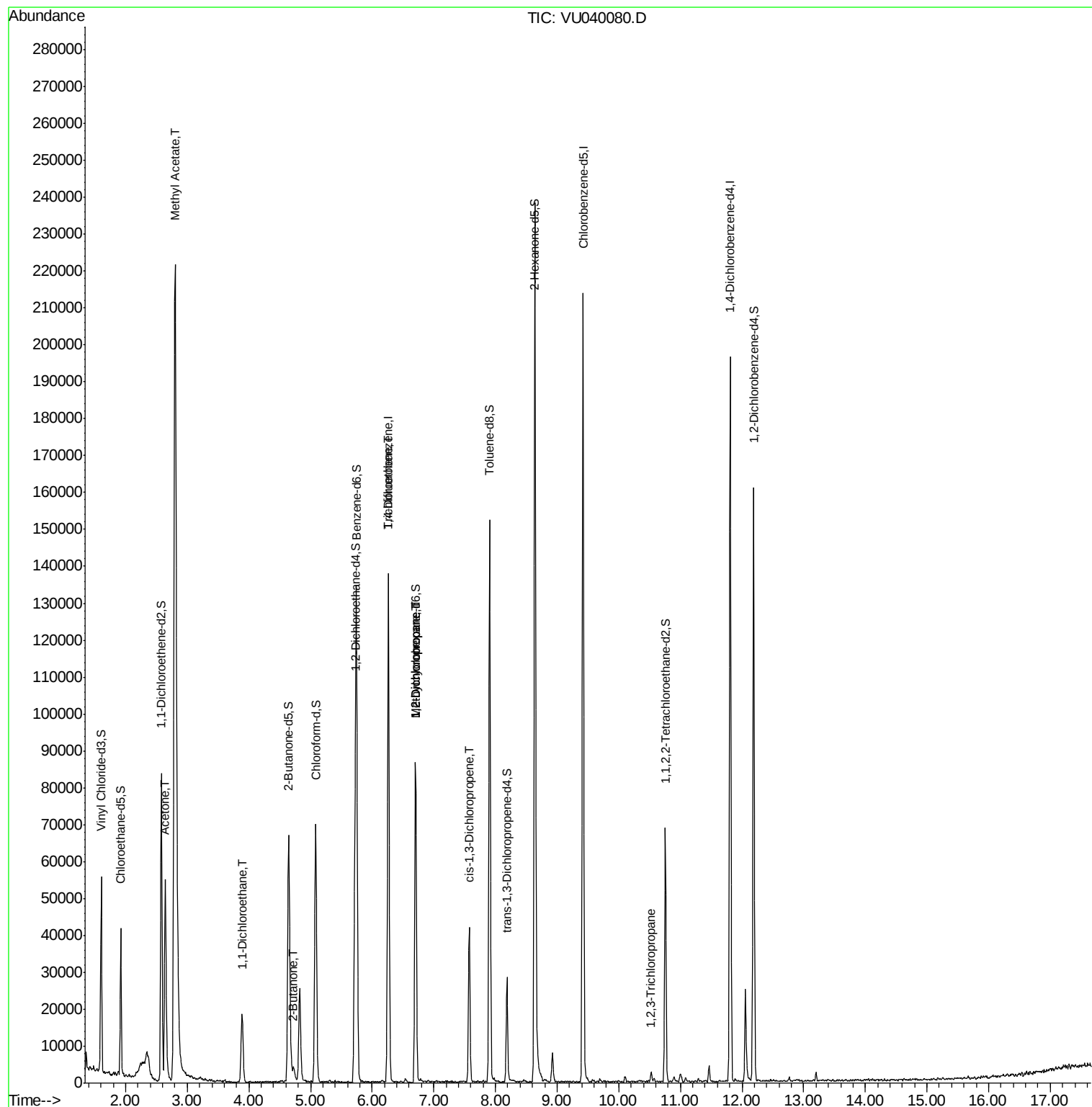
					Qvalue
13) Acetone	2.64	43	67921	32.895 ug/L	97
15) Methyl Acetate	2.80	43	94969	18.326 ug/L #	54
19) 1,1-Dichloroethane	3.89	63	21639	1.236 ug/L	97
21) 2-Butanone	4.72	43	4288	1.272 ug/L	98
34) Trichloroethene	6.27	95	2045	0.204 ug/L #	9
35) Methylcyclohexane	6.70	83	8880	0.578 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4409	0.435 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1170	0.078 ug/L #	75
59) 1,2,3-Trichloropropane	10.53	75	1563	0.208 ug/L #	44

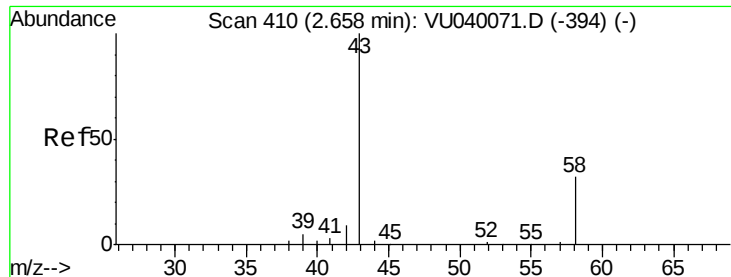
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 32.895 ug/L

RT: 2.64 min Scan# 405

Delta R.T. -0.02 min

Lab File: VU040080.D

Acq: 10 Sep 2020 14:55

Instrument :

MSVOA_U

ClientSampled :

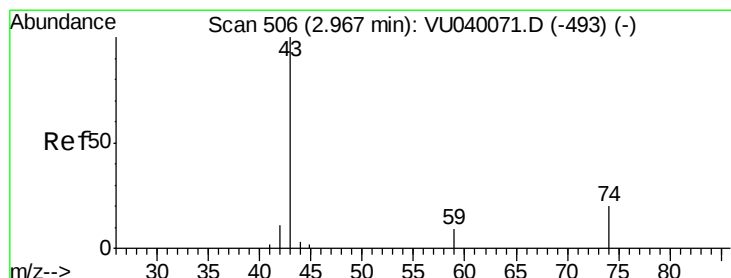
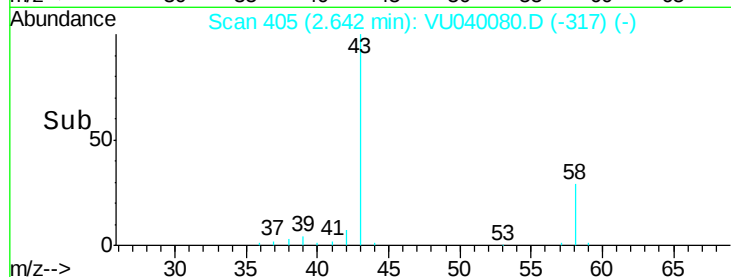
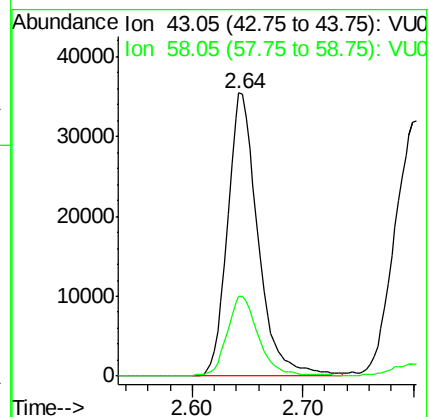
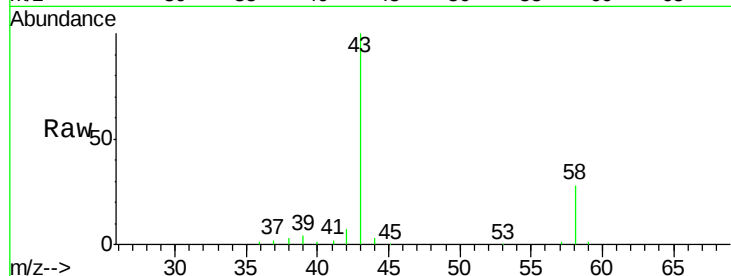
F4Y50

Tgt Ion: 43 Resp: 67921

Ion Ratio Lower Upper

43 100

58 29.5 0.0 55.4



#15

Methyl Acetate

Concen: 18.326 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.16 min

Lab File: VU040080.D

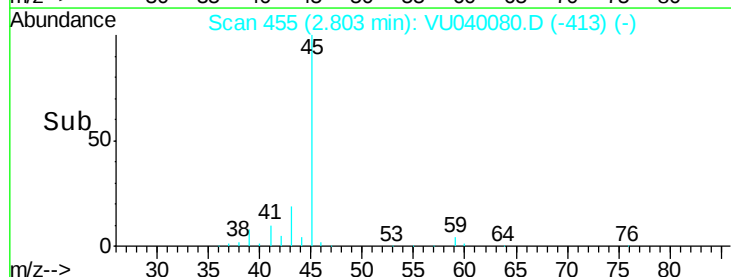
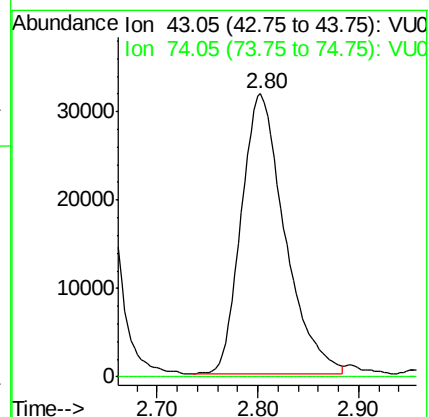
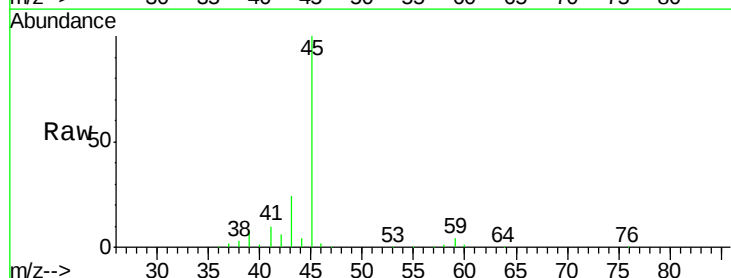
Acq: 10 Sep 2020 14:55

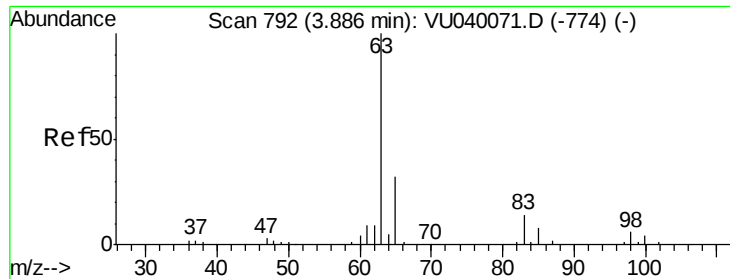
Tgt Ion: 43 Resp: 94969

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#

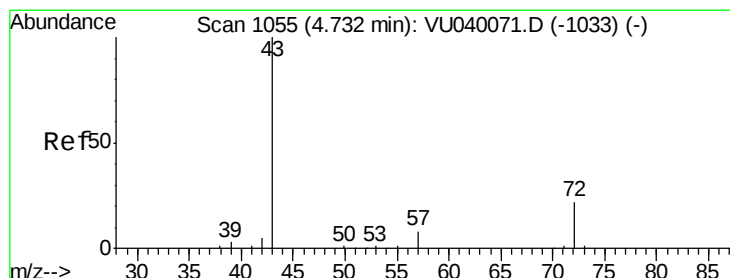
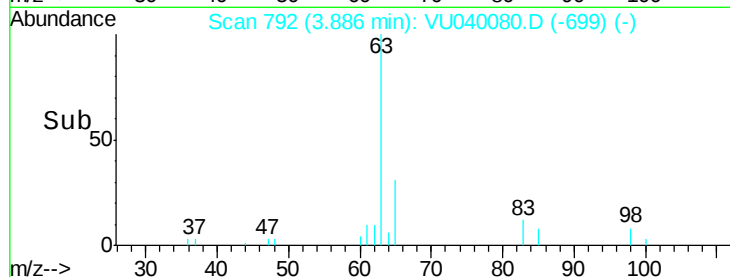
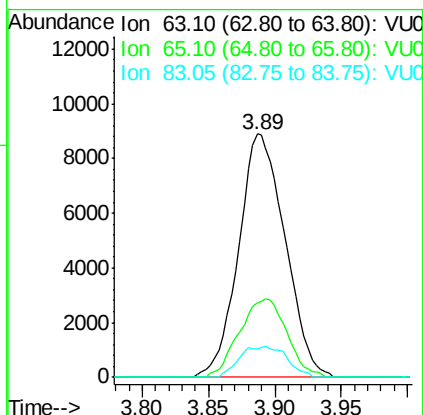
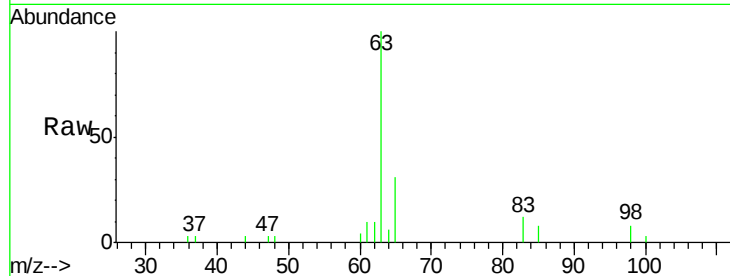




#19
 1,1-Dichloroethane
 Concen: 1.236 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VU040080.D
 Acq: 10 Sep 2020 14:55

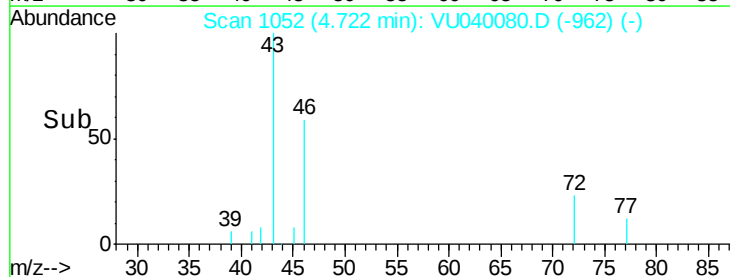
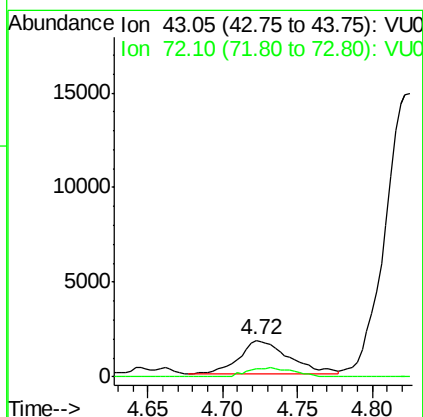
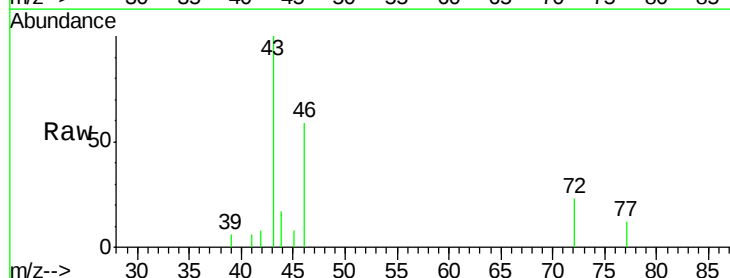
Instrument :
 MSVOA_U
 ClientSampled :
 F4Y50

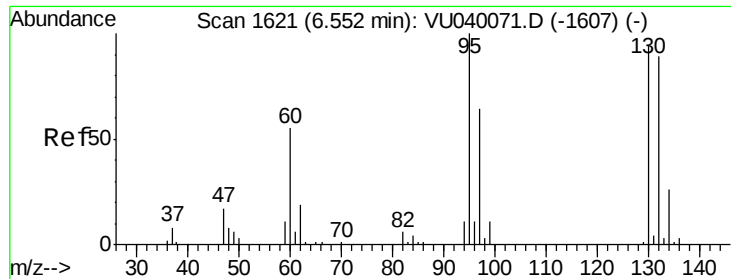
Tgt Ion: 63 Resp: 21639
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.2 41.2
 83 11.6 9.4 17.6



#21
 2-Butanone
 Concen: 1.272 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VU040080.D
 Acq: 10 Sep 2020 14:55

Tgt Ion: 43 Resp: 4288
 Ion Ratio Lower Upper
 43 100
 72 24.1 11.7 35.0





#34

Trichloroethene

Concen: 0.204 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU040080.D

Acq: 10 Sep 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

F4Y50

Tgt Ion: 95 Resp: 2045

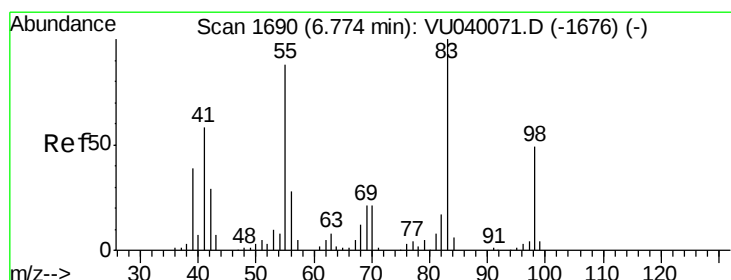
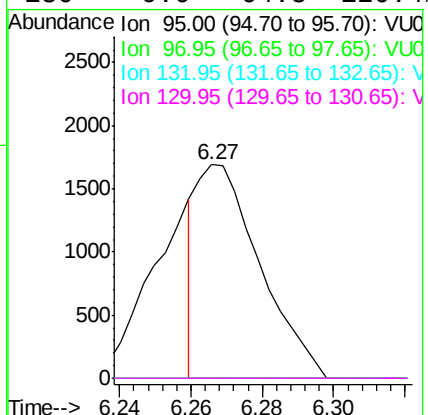
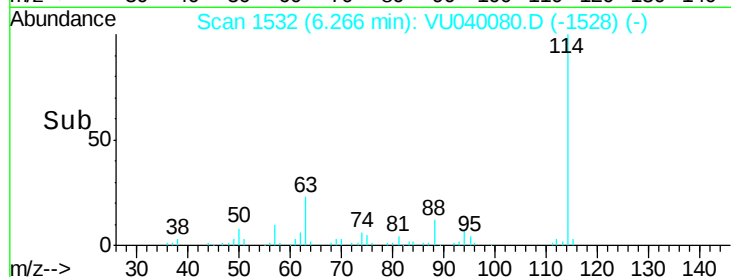
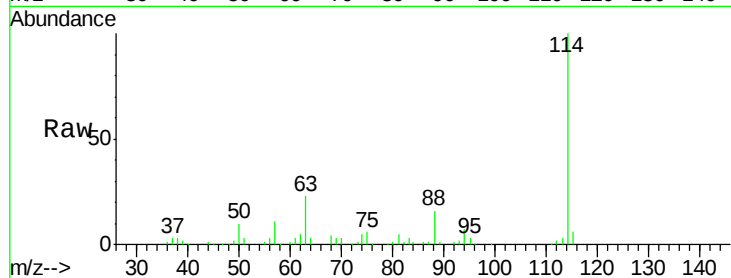
Ion Ratio Lower Upper

95 100

97 0.0 43.3 80.5#

132 0.0 59.4 110.4#

130 0.0 64.8 120.4#



#35

Methylcyclohexane

Concen: 0.578 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040080.D

Acq: 10 Sep 2020 14:55

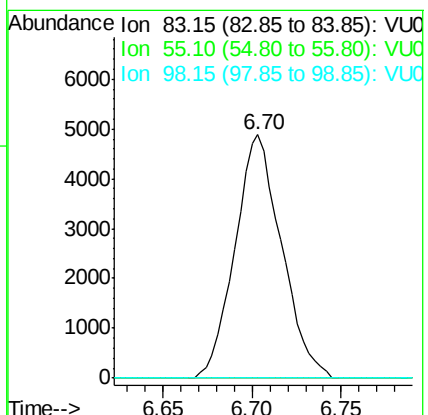
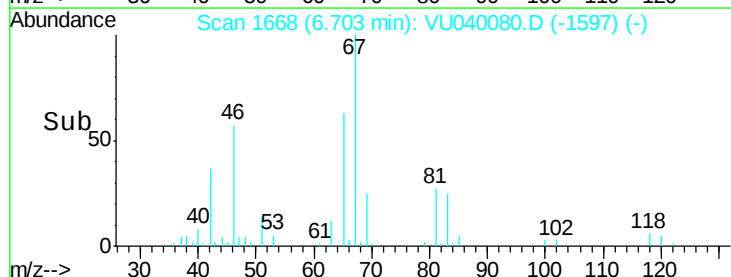
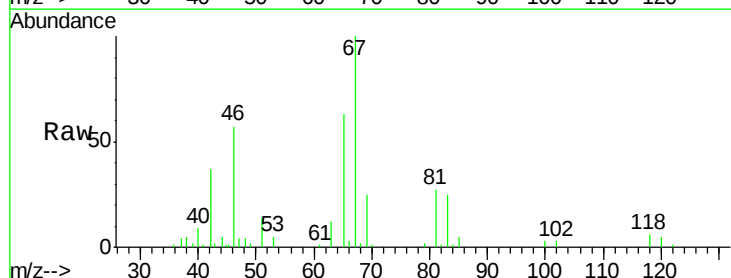
Tgt Ion: 83 Resp: 8880

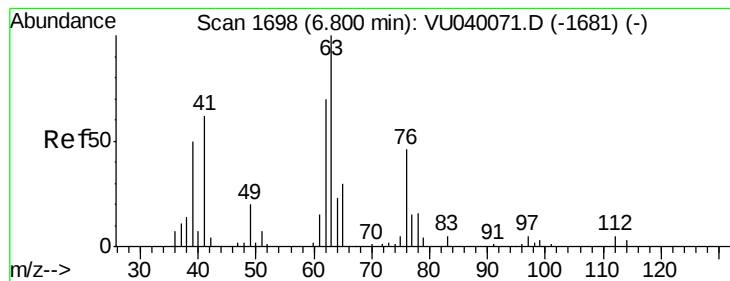
Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 0.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.435 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU040080.D

Acq: 10 Sep 2020 14:55

Instrument :

MSVOA_U

ClientSampled :

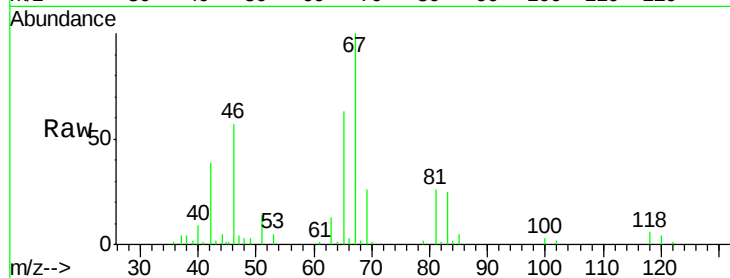
F4Y50

Tgt Ion: 63 Resp: 4409

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) (-)

2500

2000

1500

1000

500

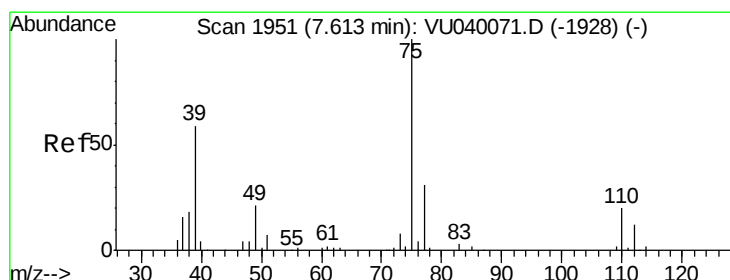
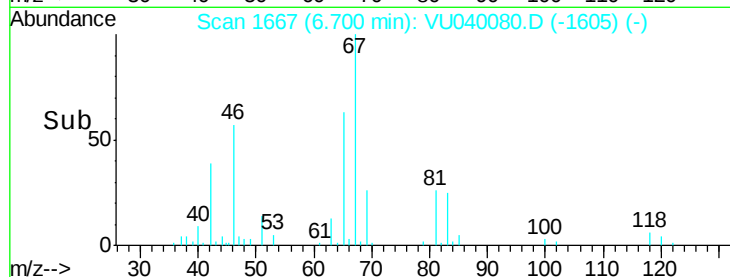
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040080.D

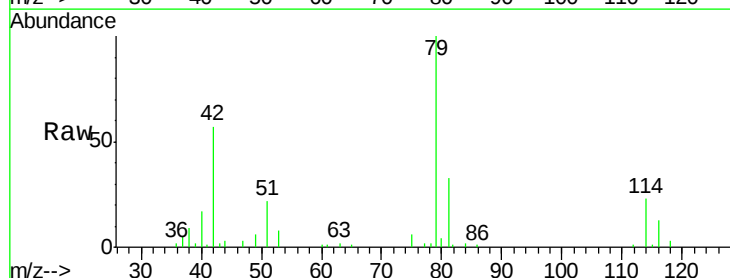
Acq: 10 Sep 2020 14:55

Tgt Ion: 75 Resp: 1170

Ion Ratio Lower Upper

75 100

77 43.8 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) (-)

800

600

400

200

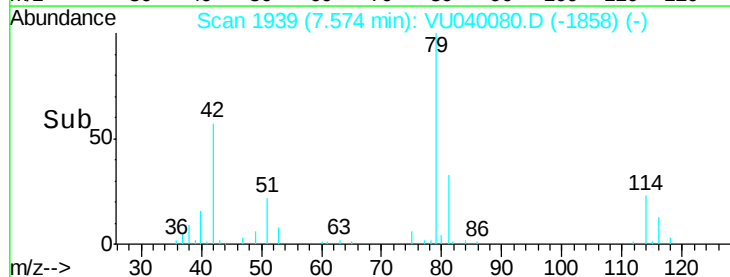
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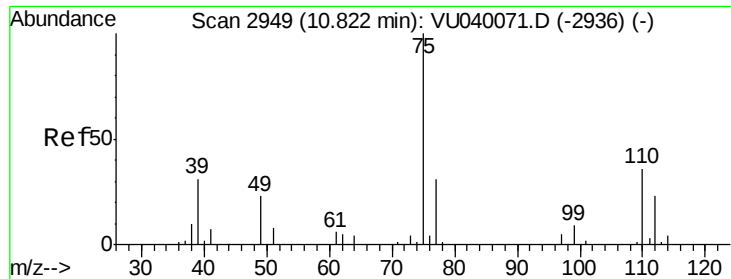
7.55

7.57

7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.208 ug/L

RT: 10.53 min Scan# 2858

Delta R.T. -0.29 min

Lab File: VU040080.D

Acq: 10 Sep 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

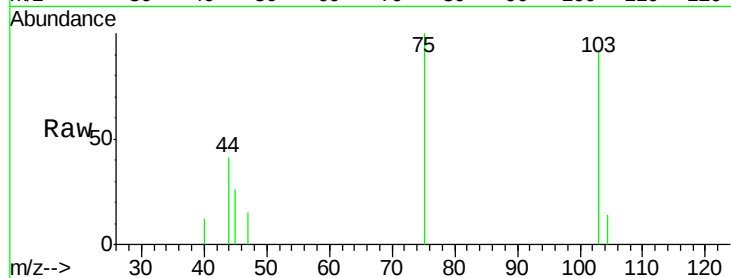
F4Y50

Tgt Ion: 75 Resp: 1563

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

