

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039884.D
 Acq On : 17 Aug 2020 13:51
 Operator : SY/MD
 Sample : L3517-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M28

Quant Time: Aug 18 04:26:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	78679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37202	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	16736	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.92	69	19128	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.58	63	25355	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.65	46	99595	53.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	5.08	84	44431	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.72	65	27909	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.75	84	81173	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	29617	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	62878	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	8.19	79	11060	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.64	63	71457	54.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27834	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31684	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

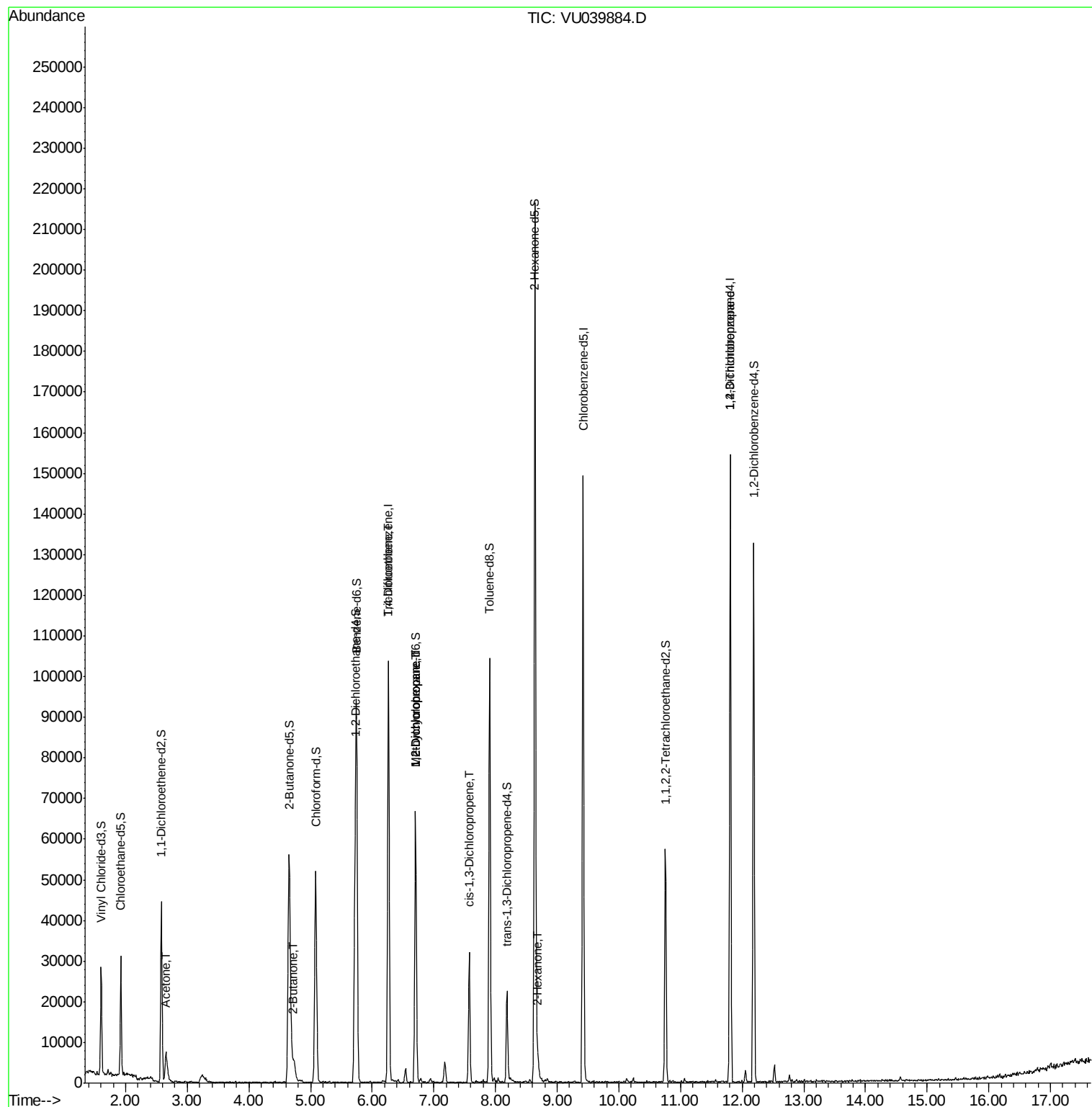
					Ovalue
13) Acetone	2.66	43	13110	11.901 ug/L	96
21) 2-Butanone	4.73	43	8190	4.718 ug/L #	66
34) Trichloroethene	6.27	95	1378	0.253 ug/L #	4
35) Methylcyclohexane	6.71	83	6496	0.747 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3649	0.655 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	713	0.094 ug/L #	48
48) 2-Hexanone	8.69	43	3441	1.144 ug/L #	85
59) 1,2,3-Trichloropropane	11.81	75	5346	1.330 ug/L #	86

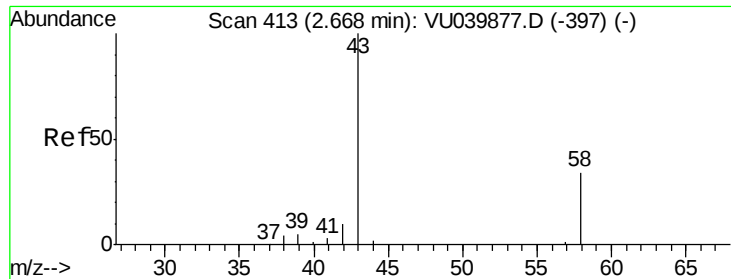
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.901 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039884.D

Acq: 17 Aug 2020 13:51

Instrument :

MSVOA_U

ClientSampleId :

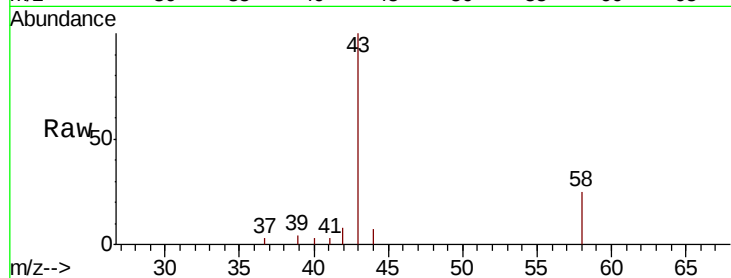
F4M28

Tot Ion: 43 Resp: 13110

Ion Ratio Lower Upper

43 100

58 28.6 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039877.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039877.D (-397) (-)

5000

4000

3000

2000

1000

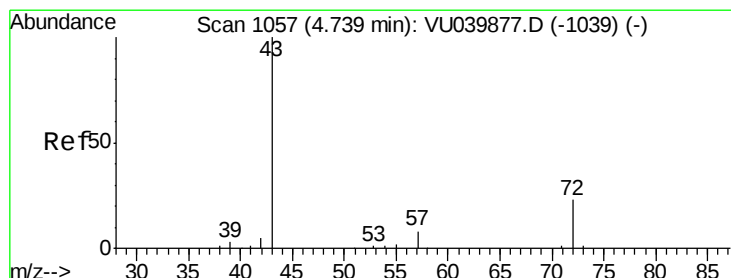
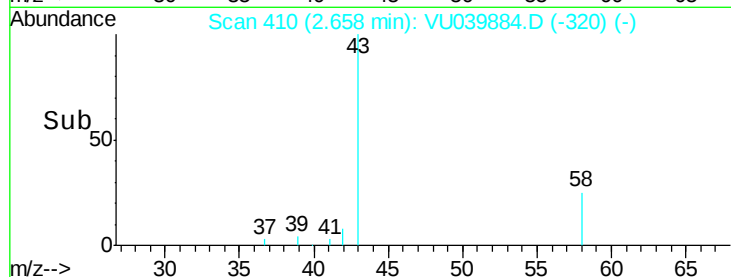
0

2.60

2.70

2.80

Time-->



#21

2-Butanone

Concen: 4.718 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VU039884.D

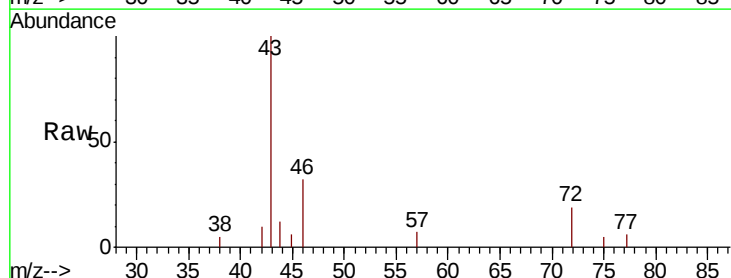
Acq: 17 Aug 2020 13:51

Tgt Ion: 43 Resp: 8190

Ion Ratio Lower Upper

43 100

72 8.7 13.0 39.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039877.D (-1039) (-)

Ion 72.10 (71.80 to 72.80): VU039877.D (-1039) (-)

3000

2500

2000

1500

1000

500

0

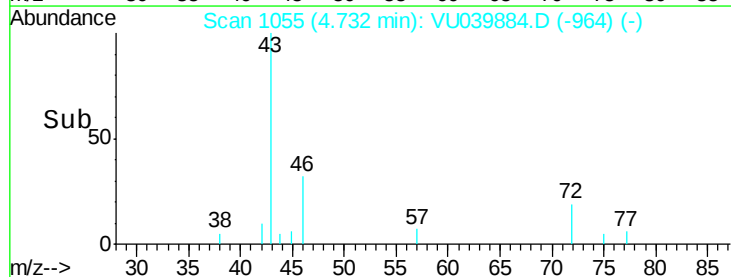
4.65

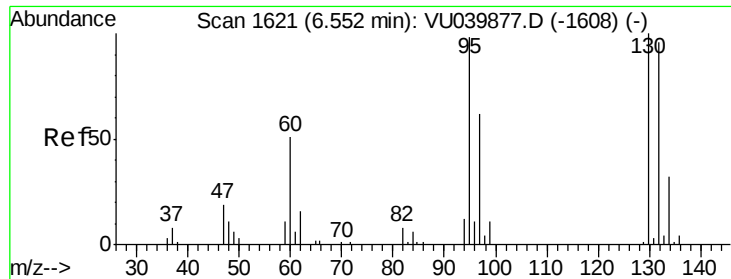
4.70

4.75

4.80

Time-->

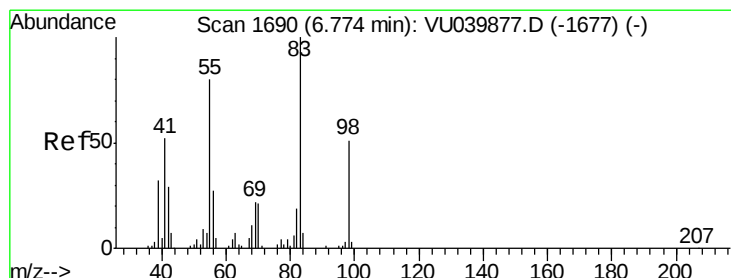
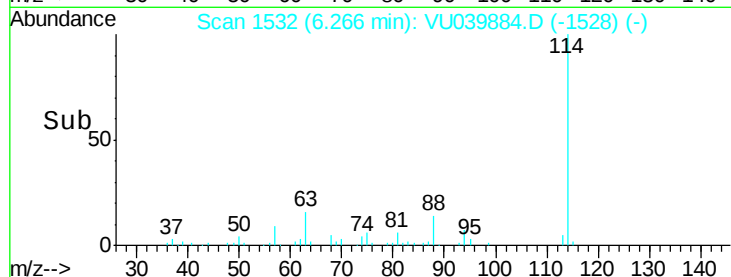
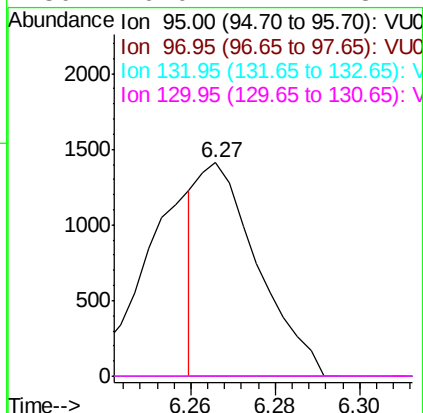
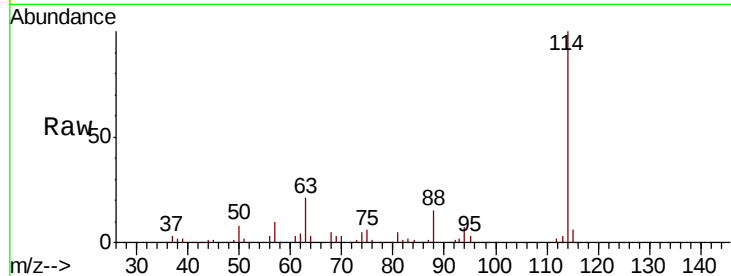




#34
 Trichloroethene
 Concen: 0.253 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU039884.D
 Acq: 17 Aug 2020 13:51

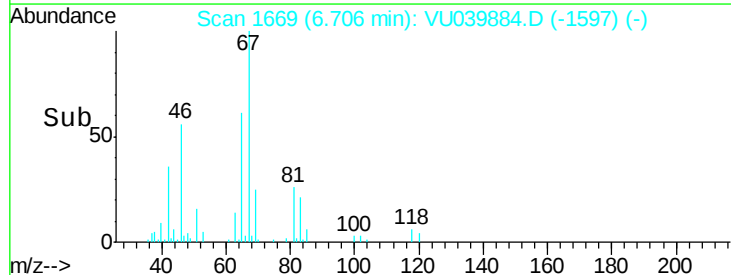
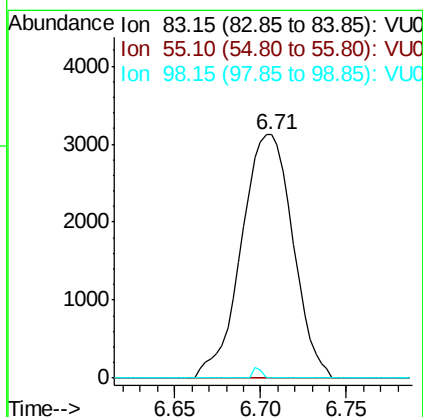
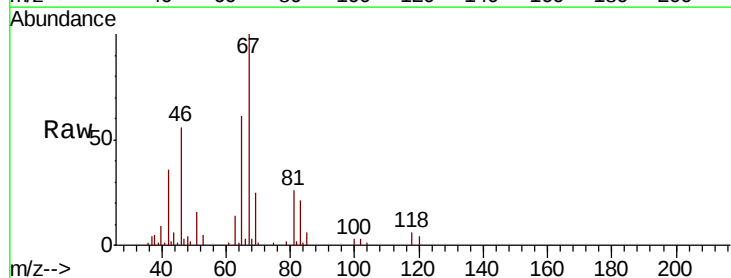
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 F4M28

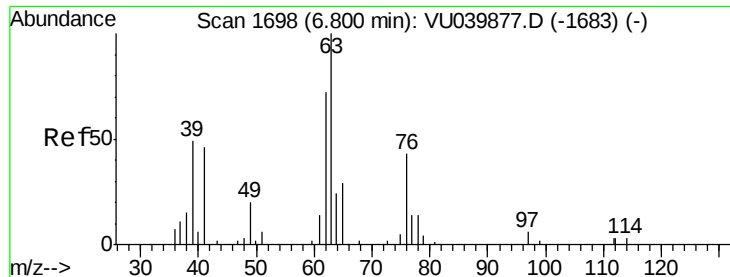
Tot Ion: 95 Resp: 1378
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.0 81.8#
 132 0.0 71.7 133.3#
 130 0.0 71.1 132.1#



#35
 Methylcyclohexane
 Concen: 0.747 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU039884.D
 Acq: 17 Aug 2020 13:51

Tgt Ion: 83 Resp: 6496
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.4 89.0#
 98 0.7 39.0 58.4#

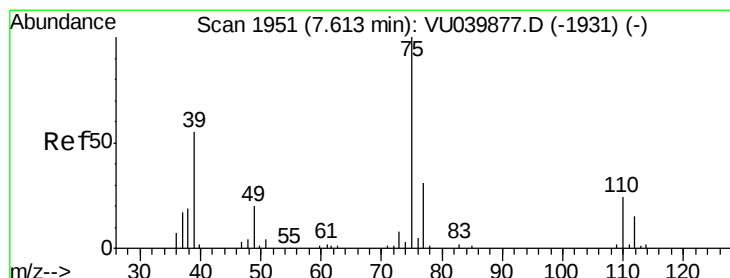
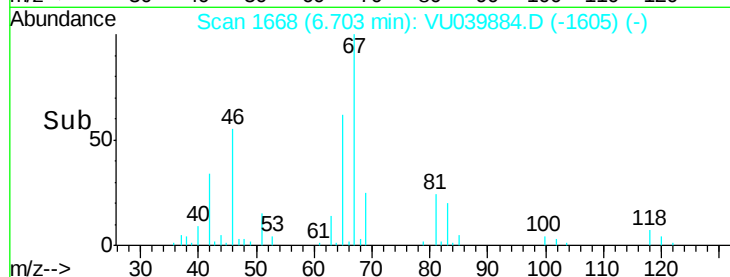
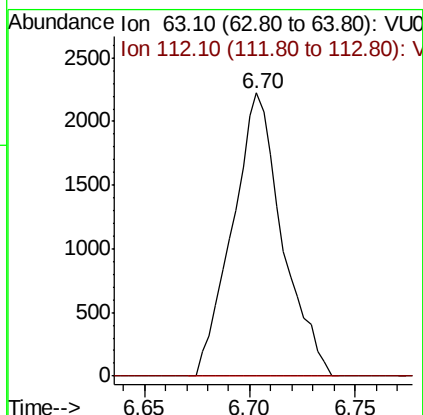
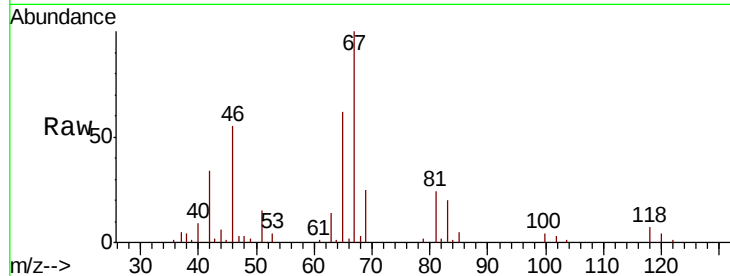




#37
 1,2-Dichloropropane
 Concen: 0.655 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039884.D
 Acq: 17 Aug 2020 13:51

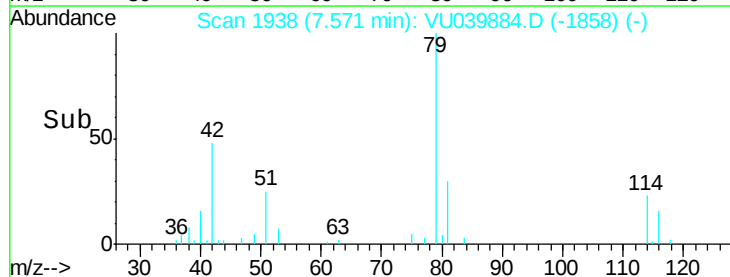
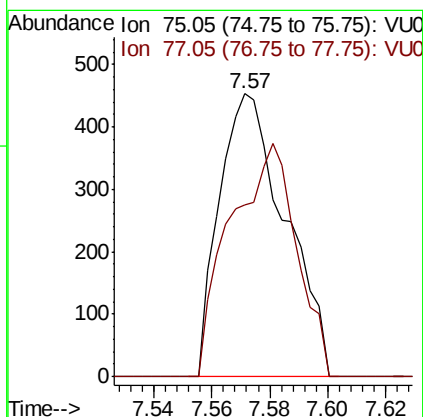
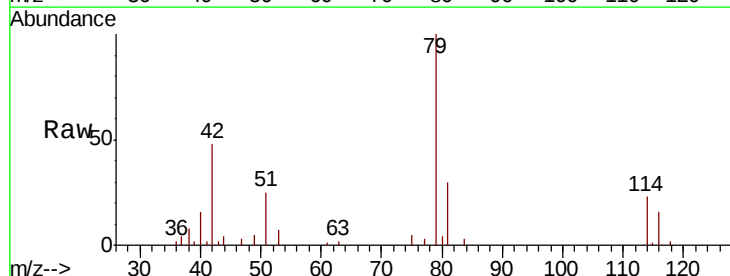
Instrument :
 MSVOA_U
 ClientSampleId :
 F4M28

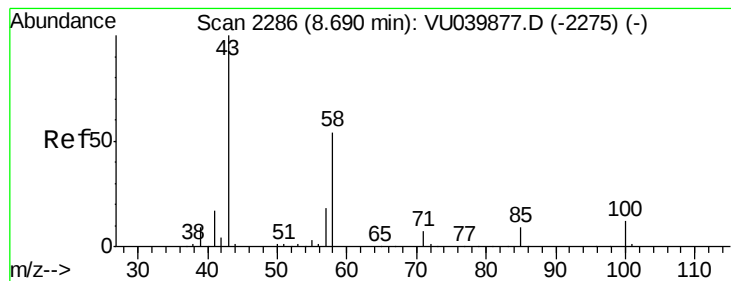
Tot Ion: 63 Resp: 3649
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039884.D
 Acq: 17 Aug 2020 13:51

Tgt Ion: 75 Resp: 713
 Ion Ratio Lower Upper
 75 100
 77 60.9 22.4 41.6#





#48

2-Hexanone

Concen: 1.144 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.00 min

Lab File: VU039884.D

Acq: 17 Aug 2020 13:51

Instrument :

MSVOA_U

ClientSampled :

F4M28

Tot Ion: 43 Resp: 3441

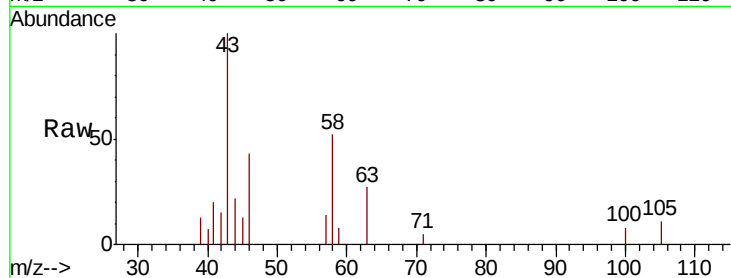
Ion Ratio Lower Upper

43 100

58 46.9 41.8 62.8

57 2.8 14.2 21.4#

100 3.8 9.4 14.2#

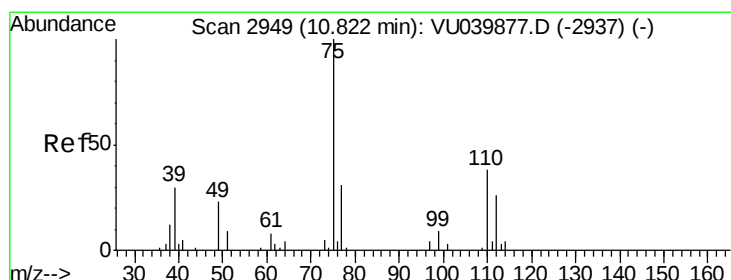
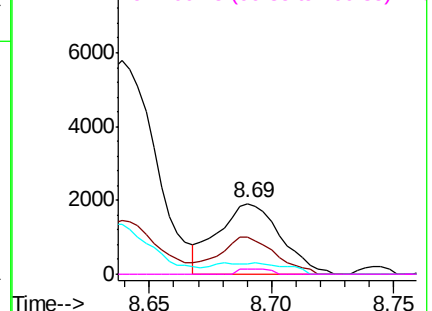
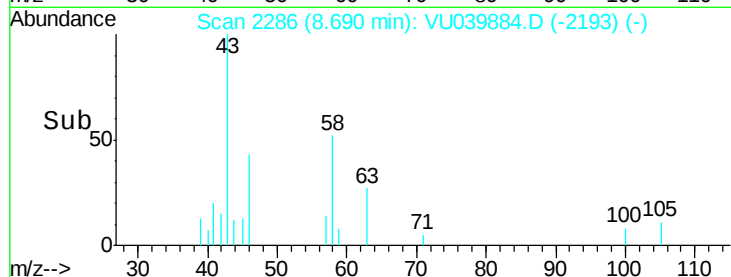


Abundance Ion 43.05 (42.75 to 43.75): VU039884.D (-2193) (-)

Ion 58.05 (57.75 to 58.75): VU039884.D (-2193) (-)

Ion 57.20 (56.90 to 57.90): VU039884.D (-2193) (-)

Ion 100.15 (99.85 to 100.85): VU039884.D (-2193) (-)



#59

1,2,3-Trichloropropane

Concen: 1.330 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039884.D

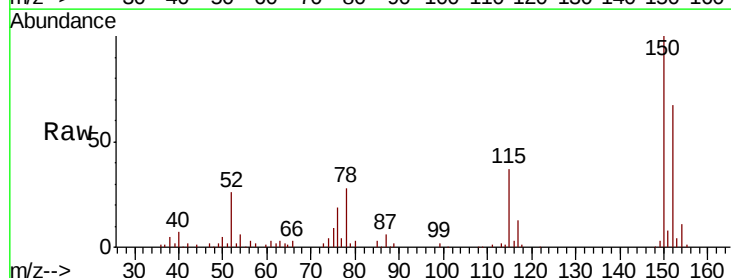
Acq: 17 Aug 2020 13:51

Tgt Ion: 75 Resp: 5346

Ion Ratio Lower Upper

75 100

77 38.4 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): VU039884.D (-2327) (-)

Ion 77.00 (76.70 to 77.70): VU039884.D (-2327) (-)

