

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038450.D
 Acq On : 31 May 2020 06:14
 Operator : JC/MD
 Sample : L2788-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB6

Quant Time: Jun 01 08:12:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	308806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305470	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	144265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94312	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	76987	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.59	63	138925	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.69	46	377656	62.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.40%
24) Chloroform-d	5.10	84	193397	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.74	65	117516	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.76	84	383752	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.72	67	118131	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	318517	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	46558	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.66	63	318022	63.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108965	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	132777	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

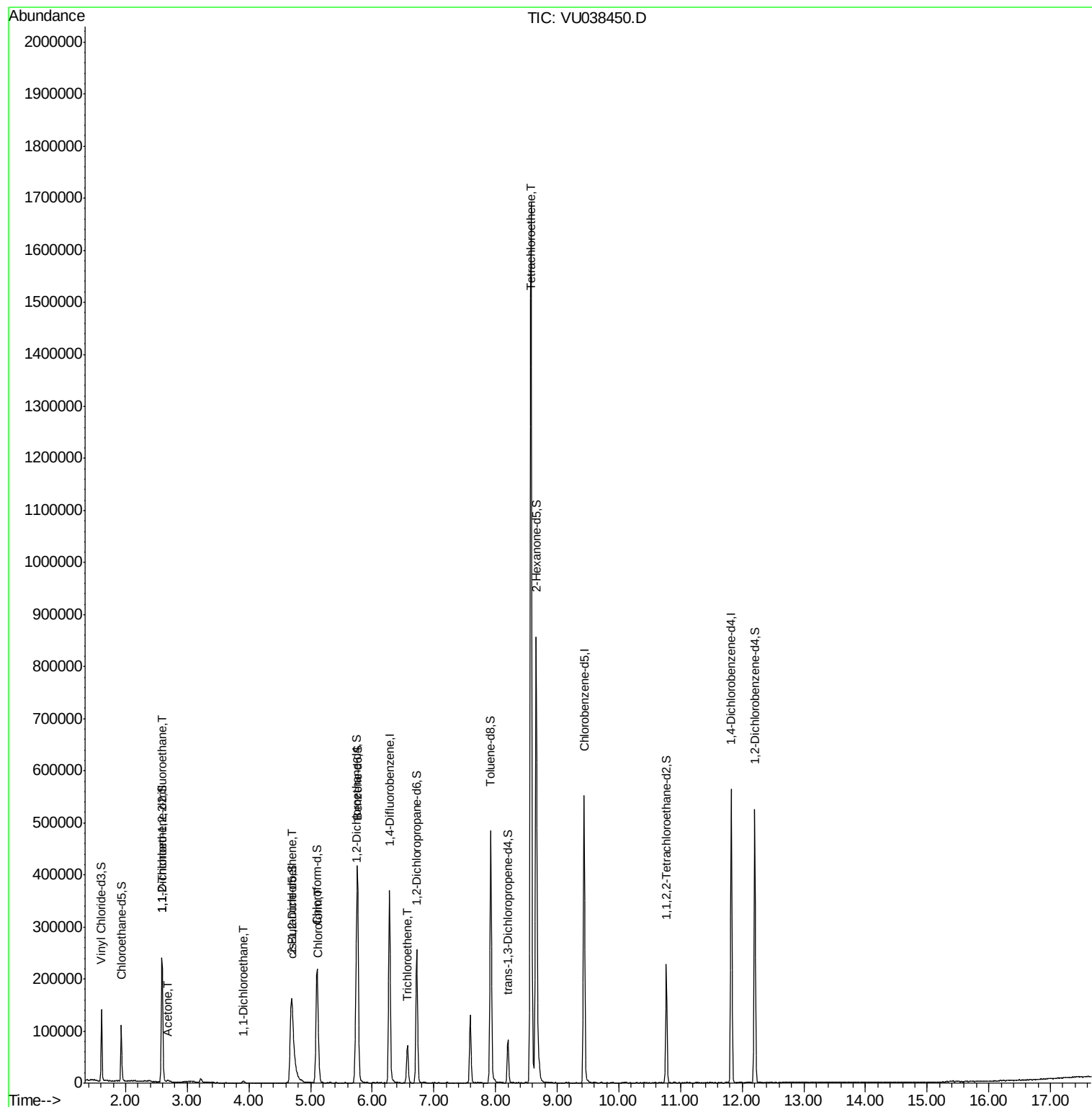
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	6034	0.322	ug/L	# 79
13) Acetone	2.70	43	7728	1.945	ug/L	51
19) 1,1-Dichloroethane	3.91	63	4829	0.132	ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	6470	0.293	ug/L	90
25) Chloroform	5.13	83	47096	1.264	ug/L	97
34) Trichloroethene	6.57	95	23722	1.073	ug/L	97
47) Tetrachloroethene	8.57	164	379871	23.649	ug/L	97

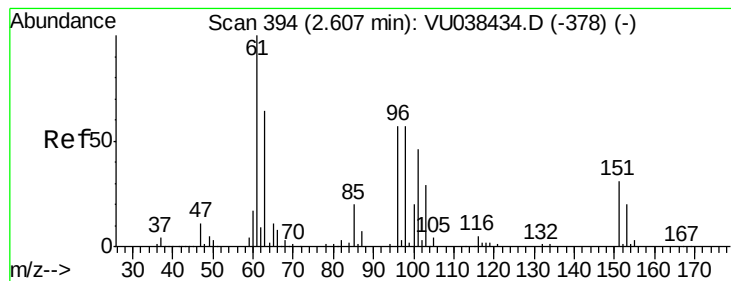
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.322 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU038450.D

Acq: 31 May 2020 06:14

Instrument :

MSVOA_U

ClientSampleId :

BFXB6

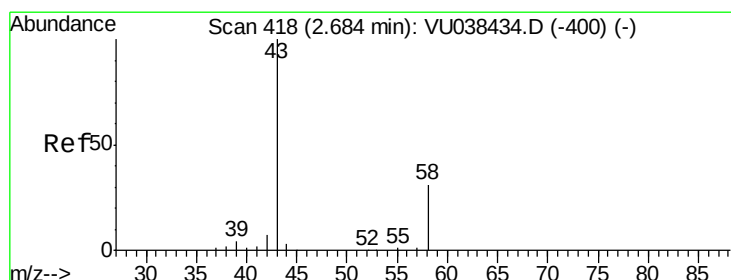
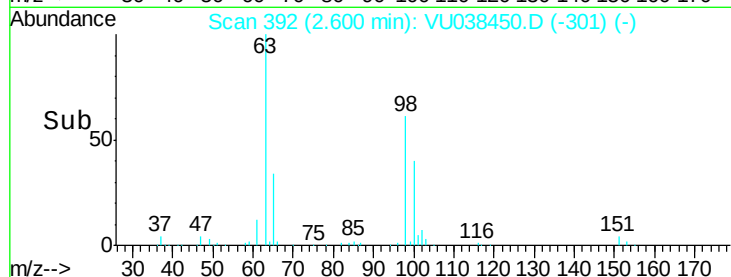
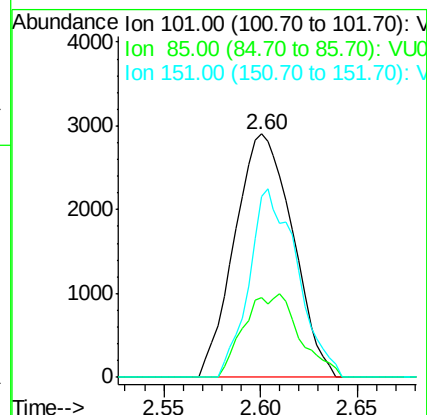
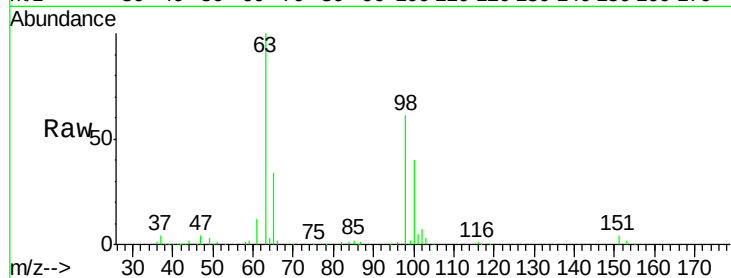
Tot Ion:101 Resp: 6034

Ion Ratio Lower Upper

101 100

85 15.5 34.0 51.0#

151 64.7 56.9 85.3



#13

Acetone

Concen: 1.945 ug/L

RT: 2.70 min Scan# 422

Delta R.T. 0.01 min

Lab File: VU038450.D

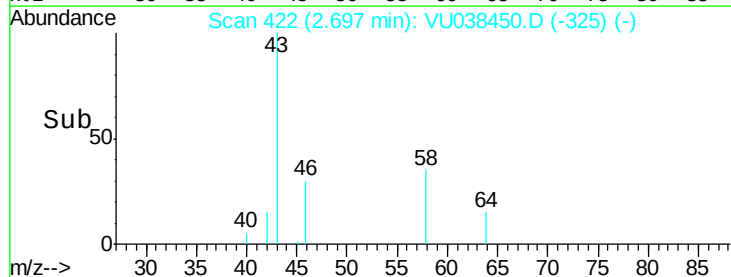
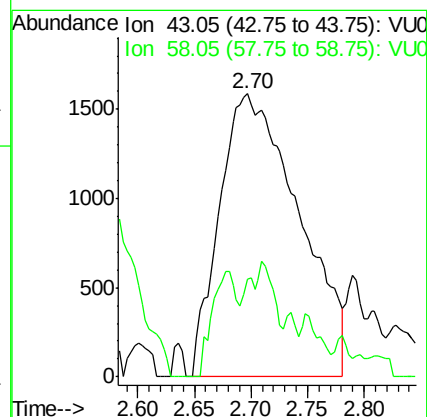
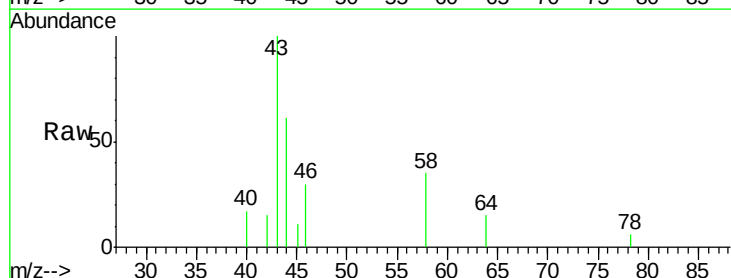
Acq: 31 May 2020 06:14

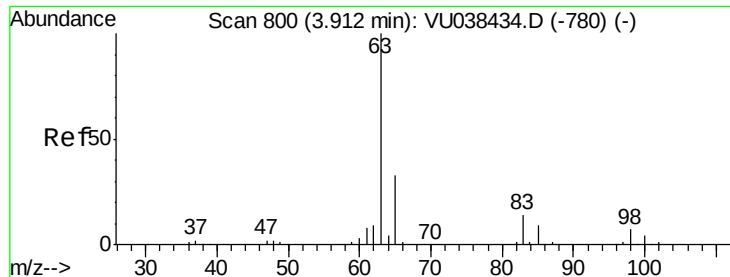
Tgt Ion: 43 Resp: 7728

Ion Ratio Lower Upper

43 100

58 5.1 0.0 65.6

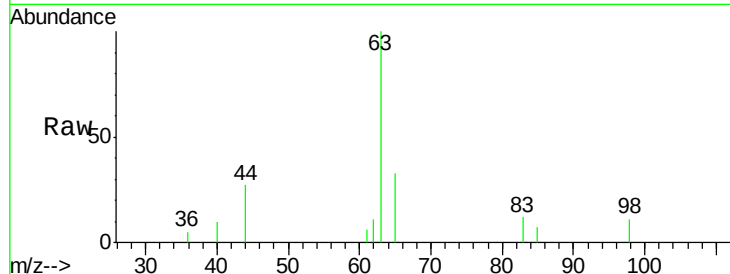




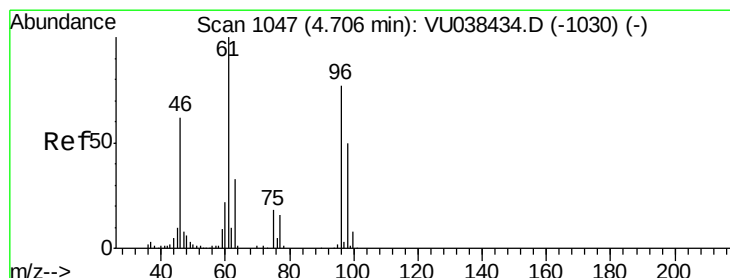
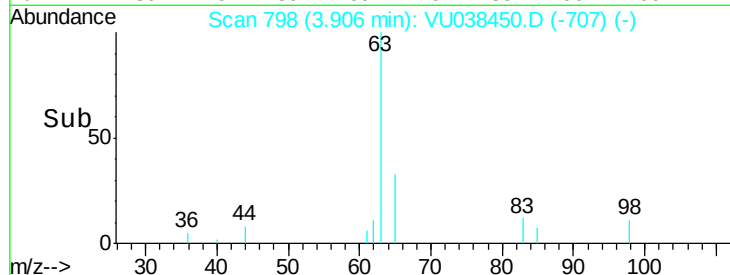
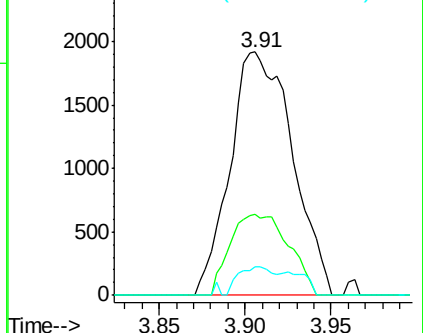
#19
 1,1-Dichloroethane
 Concen: 0.132 ug/L
 RT: 3.91 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: VU038450.D
 Acq: 31 May 2020 06:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB6

Tot Ion: 63 Resp: 4829
 Ion Ratio Lower Upper
 63 100
 65 33.3 22.3 41.5
 83 11.5 10.4 19.4

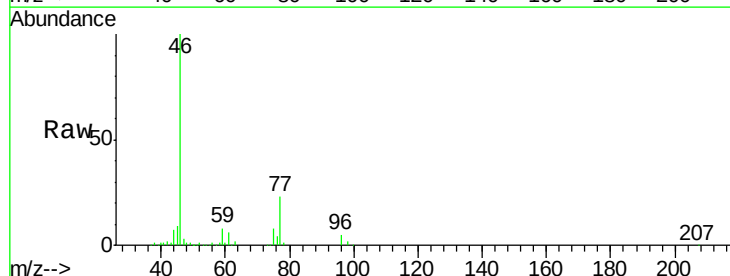


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

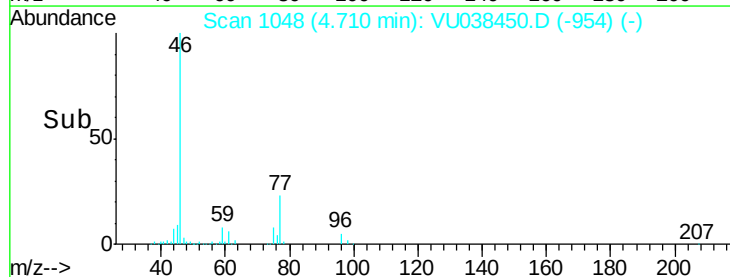
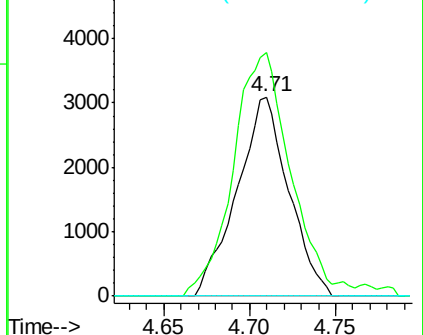


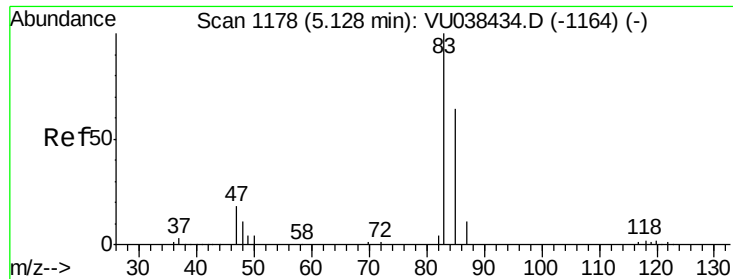
#22
 cis-1,2-Dichloroethene
 Concen: 0.293 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU038450.D
 Acq: 31 May 2020 06:14

Tgt Ion: 96 Resp: 6470
 Ion Ratio Lower Upper
 96 100
 61 122.2 94.0 174.6
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 1.264 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU038450.D

Acq: 31 May 2020 06:14

Instrument :

MSVOA_U

ClientSampled :

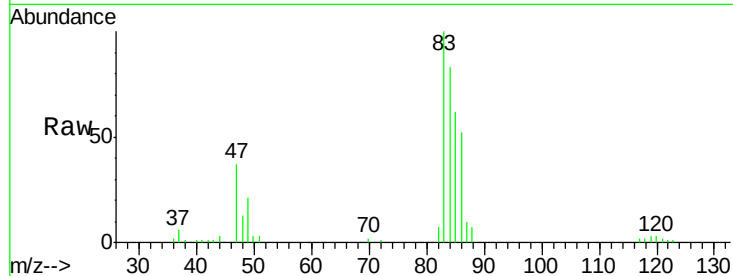
BFXB6

Tot Ion: 83 Resp: 47096

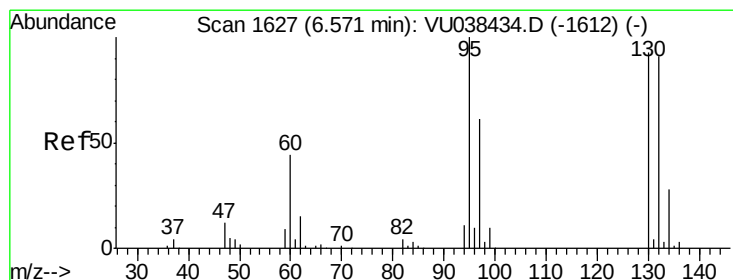
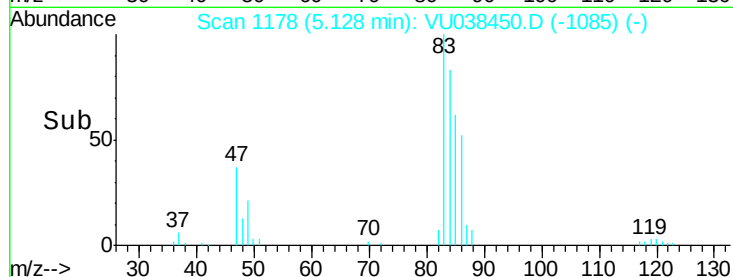
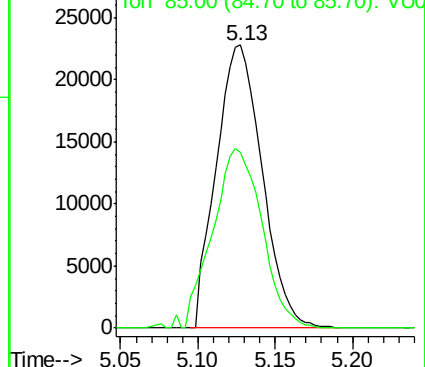
Ion Ratio Lower Upper

83 100

85 62.2 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU038434.D (-1164) (-)



#34

Trichloroethene

Concen: 1.073 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038450.D

Acq: 31 May 2020 06:14

Tgt Ion: 95 Resp: 23722

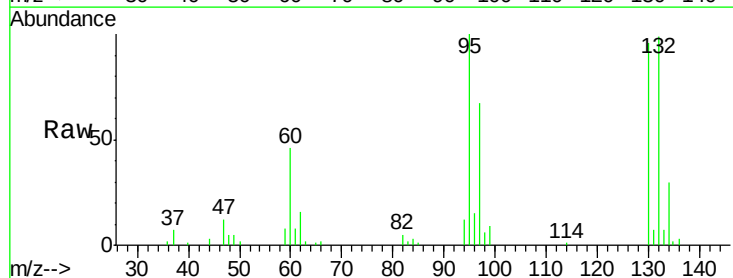
Ion Ratio Lower Upper

95 100

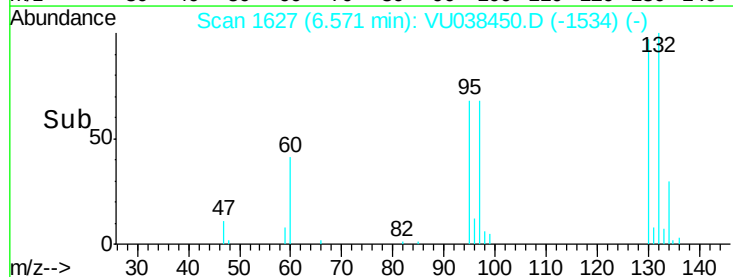
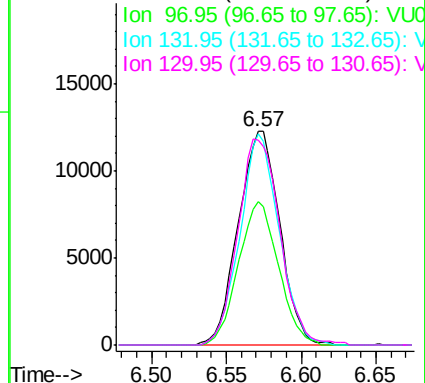
97 67.4 46.8 87.0

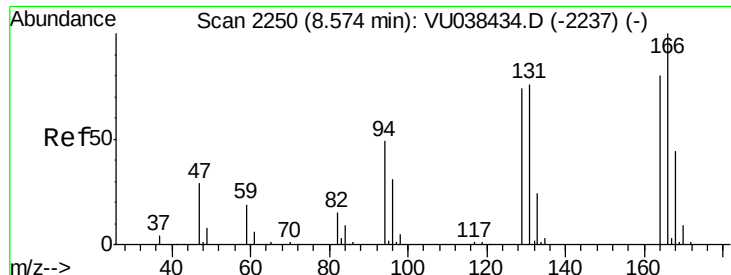
132 98.9 66.1 122.7

130 96.1 70.0 130.0



Abundance Ion 95.00 (94.70 to 95.70): VU038434.D (-1612) (-)





#47

Tetrachloroethene

Concen: 23.649 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038450.D

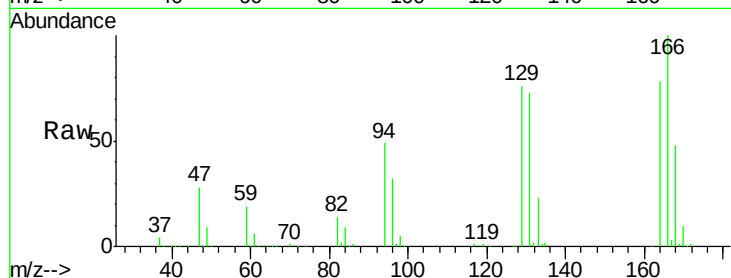
Acq: 31 May 2020 06:14

Instrument :

MSVOA_U

ClientSampleId :

BFXB6



Tot Ion:164 Resp: 379871

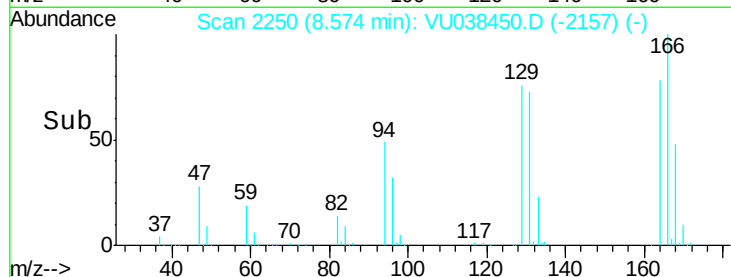
Ion Ratio Lower Upper

164 100

129 97.9 67.4 125.2

131 93.3 64.1 119.1

166 128.7 85.7 159.1



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

