

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060220\
 Data File : VU038503.D
 Acq On : 02 Jun 2020 19:00
 Operator : JC/MD
 Sample : L2856-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD1

Quant Time: Jun 03 02:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	286101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	283299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133161	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63339	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.93	69	63691	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.59	63	106494	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.68	46	359691	63.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.88%
24) Chloroform-d	5.10	84	179024	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.74	65	110703	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.76	84	340811	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	110918	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	273008	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.20	79	43568	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.65	63	310404	67.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.40%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105107	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	123198	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

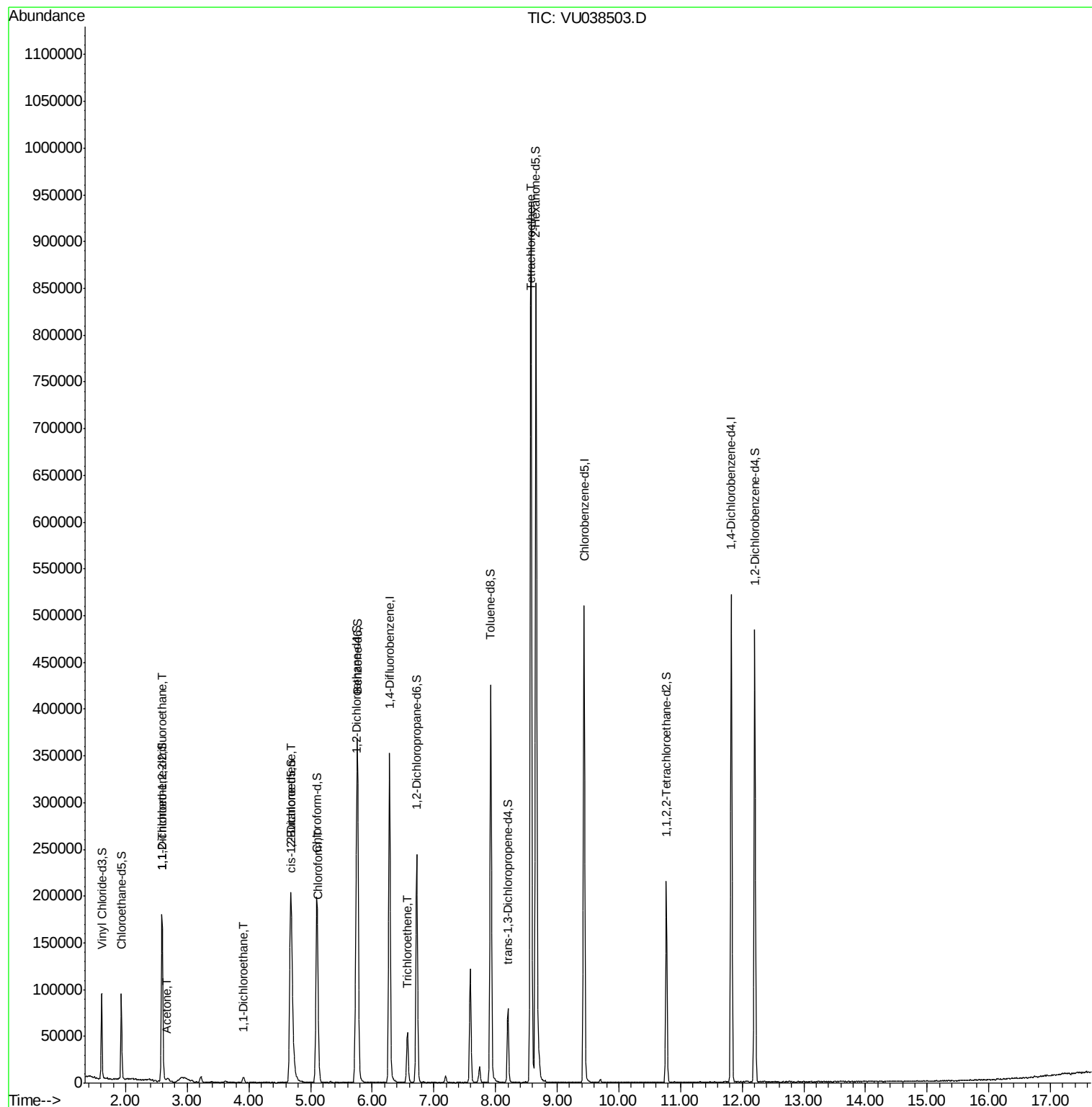
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3087	0.18	ug/L	# 80
13) Acetone	2.67	43	6623	1.80	ug/L	90
19) 1,1-Dichloroethane	3.91	63	6919	0.20	ug/L	# 93
22) cis-1,2-Dichloroethene	4.70	96	4209	0.21	ug/L	81
25) Chloroform	5.12	83	24154	0.70	ug/L	98
34) Trichloroethene	6.57	95	17295	0.84	ug/L	95
47) Tetrachloroethene	8.57	164	213074	14.30	ug/L	97

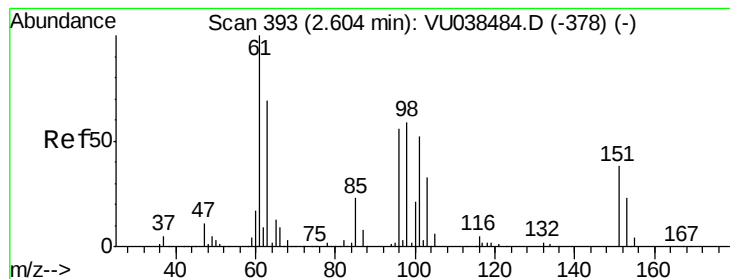
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.18 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038503.D

Acq: 02 Jun 2020 19:00

Instrument :

MSVOA_U

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BFXD1

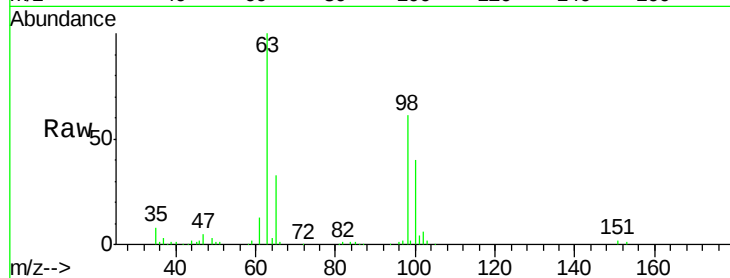
Tgt Ion: 101 Resp: 3087

Ion Ratio Lower Upper

101 100

85 34.7 34.0 51.0

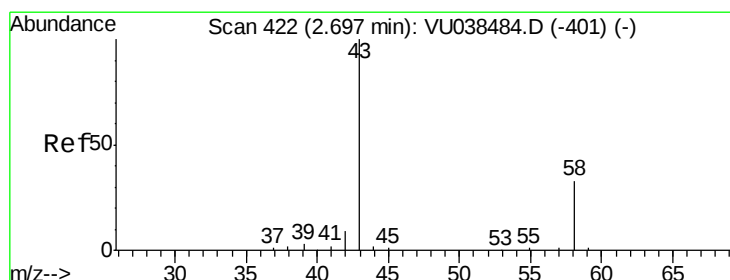
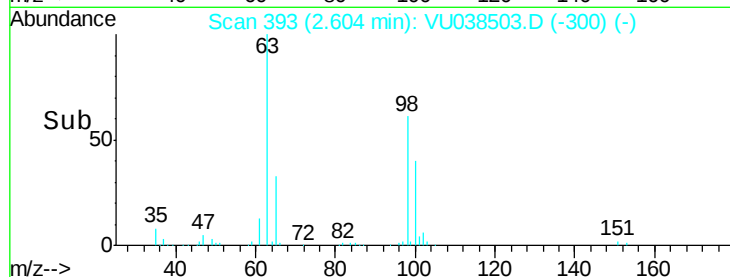
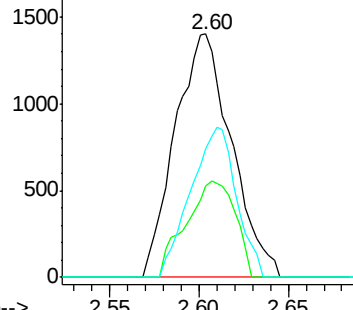
151 50.2 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.80 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

Lab File: VU038503.D

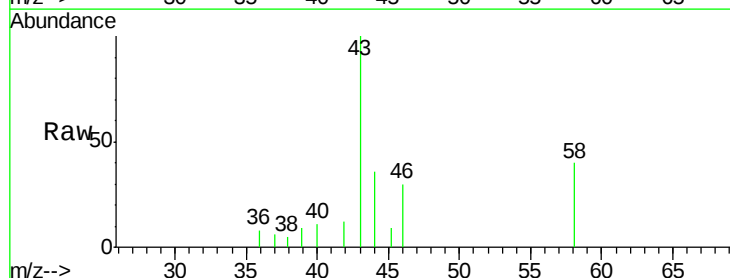
Acq: 02 Jun 2020 19:00

Tgt Ion: 43 Resp: 6623

Ion Ratio Lower Upper

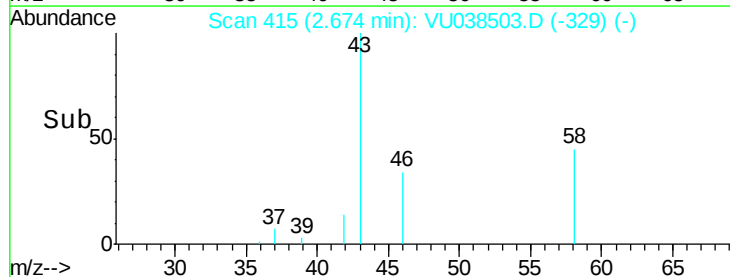
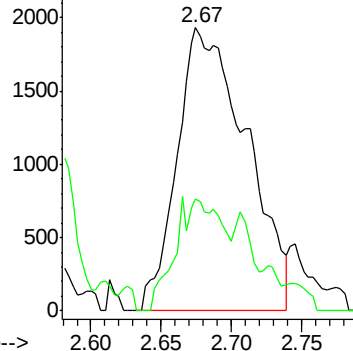
43 100

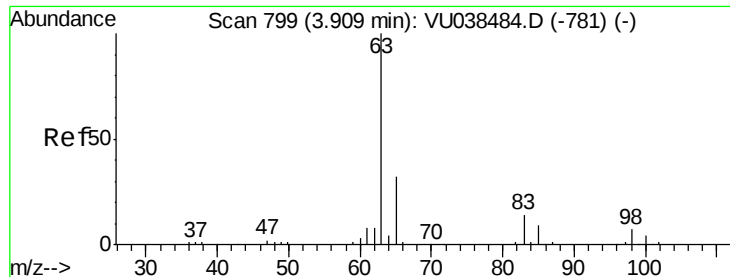
58 27.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

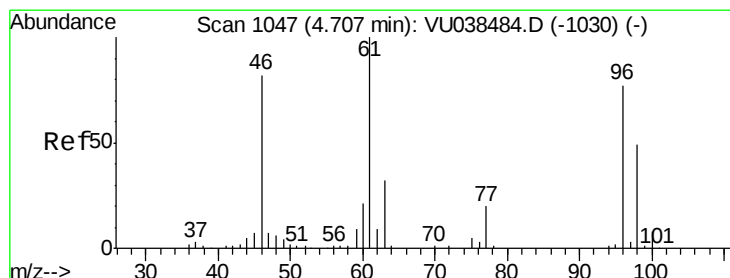
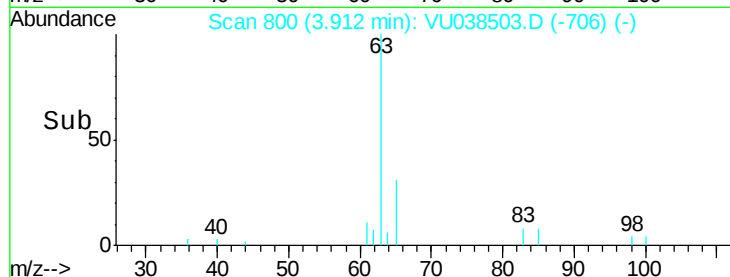
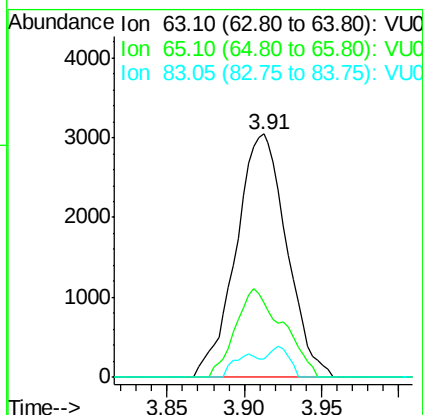
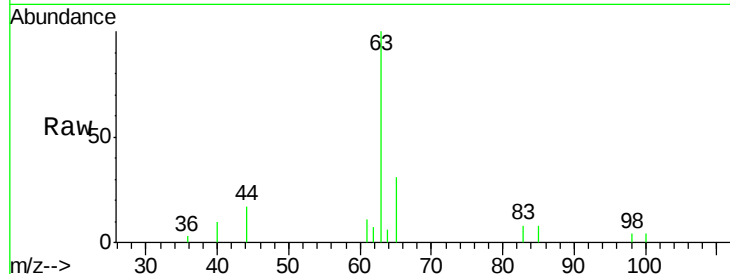




#19
 1,1-Dichloroethane
 Concen: 0.20 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU038503.D
 Acq: 02 Jun 2020 19:00

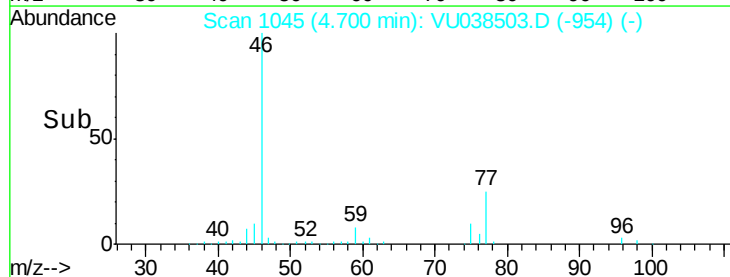
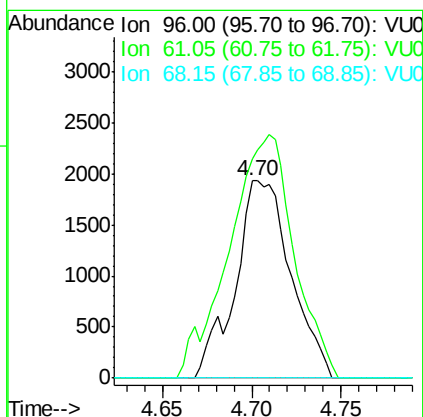
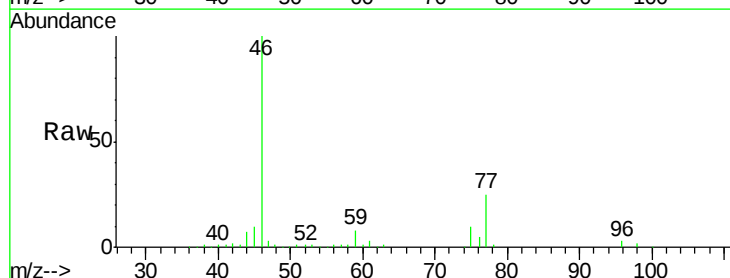
Instrument :
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 ClientSampleId :
 BFXD1

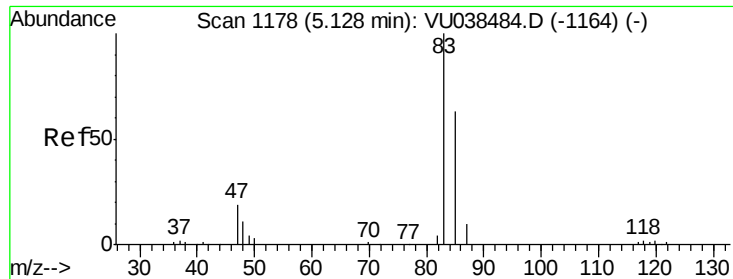
Tgt Ion: 63 Resp: 6919
 Ion Ratio Lower Upper
 63 100
 65 30.8 22.3 41.5
 83 7.7 10.4 19.4#



#22
 cis-1,2-Dichloroethene
 Concen: 0.21 ug/L
 RT: 4.70 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: VU038503.D
 Acq: 02 Jun 2020 19:00

Tgt Ion: 96 Resp: 4209
 Ion Ratio Lower Upper
 96 100
 61 111.3 94.0 174.6
 68 0.0 0.0 0.0

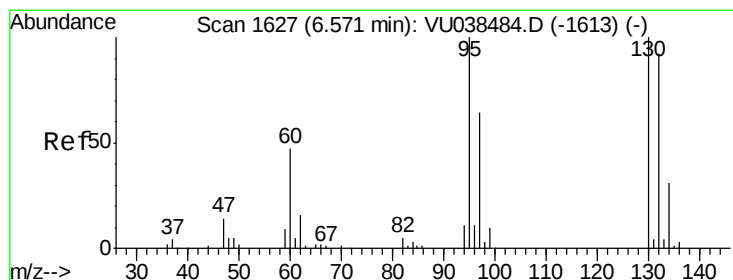
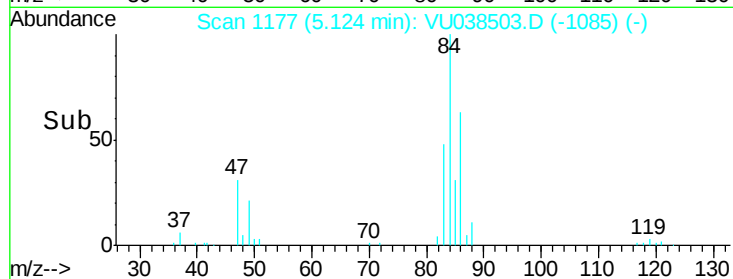
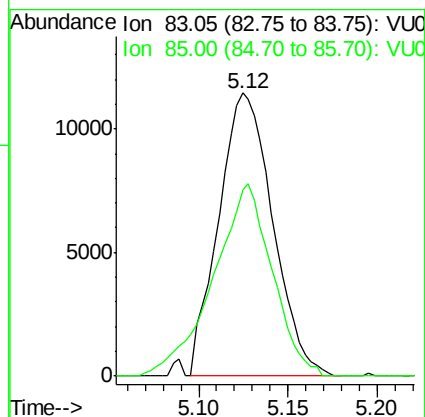
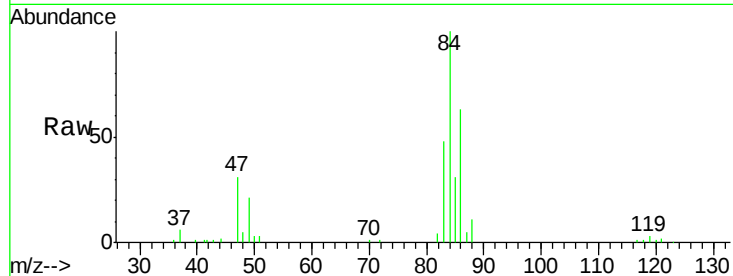




#25
Chloroform
Concen: 0.70 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038503.D
Acq: 02 Jun 2020 19:00

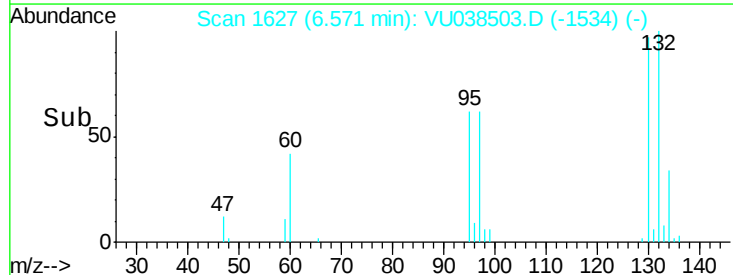
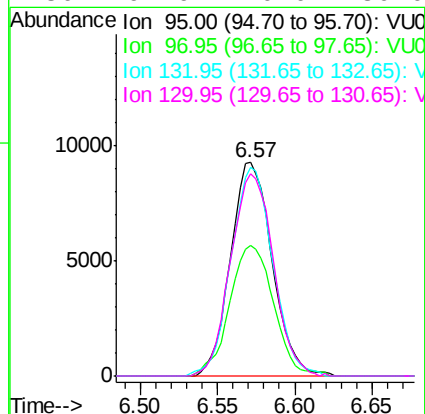
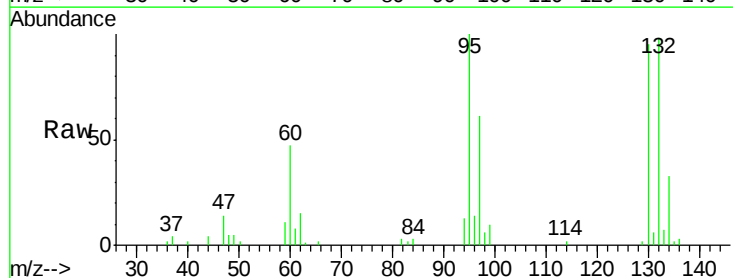
Instrument :
MSVOA_U
ClientSampled :
BFXD1

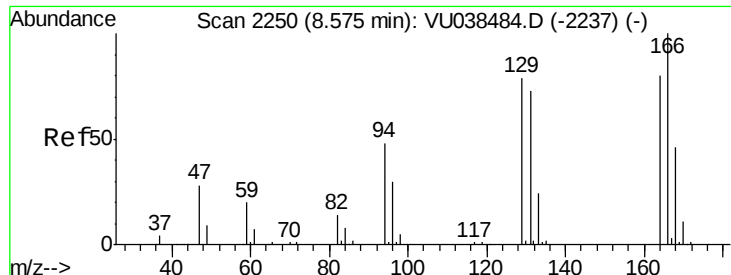
Tgt Ion: 83 Resp: 24154
Ion Ratio Lower Upper
83 100
85 65.8 44.9 83.5



#34
Trichloroethene
Concen: 0.84 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038503.D
Acq: 02 Jun 2020 19:00

Tgt Ion: 95 Resp: 17295
Ion Ratio Lower Upper
95 100
97 61.0 46.8 87.0
132 97.8 66.1 122.7
130 94.9 70.0 130.0





#47

Tetrachloroethene

Concen: 14.30 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038503.D

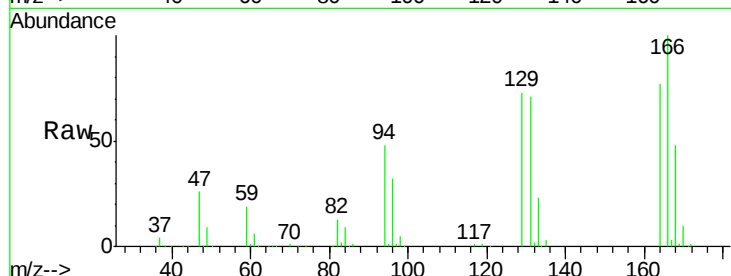
Acq: 02 Jun 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

BFXD1



Tgt Ion:164 Resp: 213074

Ion Ratio Lower Upper

164 100

129 95.7 67.4 125.2

131 92.5 64.1 119.1

166 130.2 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

