

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038448.D
 Acq On : 31 May 2020 05:28
 Operator : JC/MD
 Sample : L2788-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB4

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 4:21:42 PM

Quant Time: Jun 01 08:04:08 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	309507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98045	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	82191	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.59	63	152091	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.69	46	390930	64.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.48%
24) Chloroform-d	5.10	84	205227	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.74	65	124020	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.76	84	409310	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.72	67	125484	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.92	98	342247	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.20	79	49837	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.66	63	329136	66.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.12%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114606	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	139934	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3113	0.166 ug/L	# 71
13) Acetone	2.70	43	9695m	2.434 ug/L	
19) 1,1-Dichloroethane	3.91	63	7801	0.212 ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	4269	0.193 ug/L	90
25) Chloroform	5.12	83	20770	0.556 ug/L	99
34) Trichloroethene	6.57	95	18499	0.836 ug/L	96
47) Tetrachloroethene	8.57	164	213436	13.282 ug/L	98

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

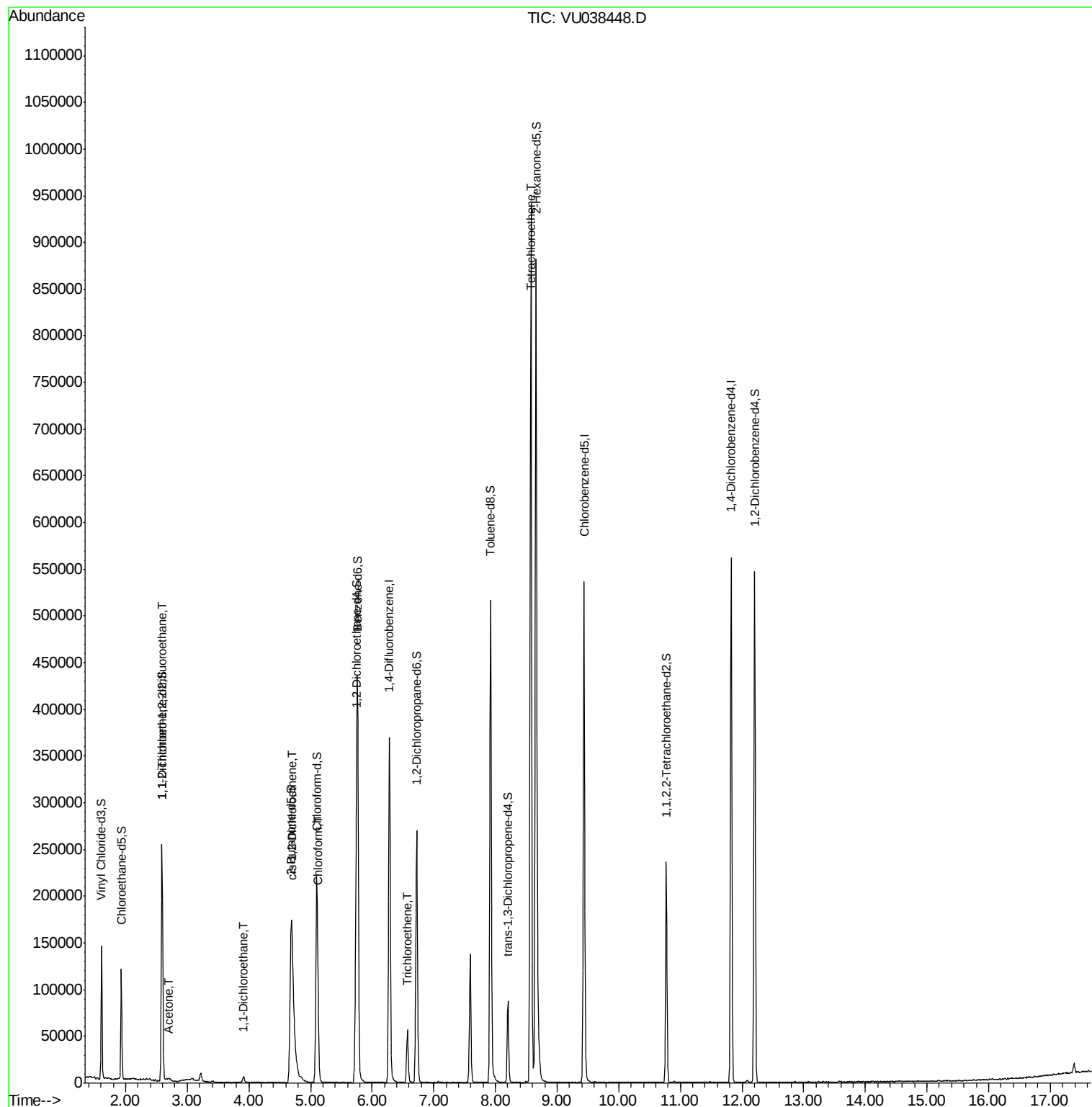
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038448.D
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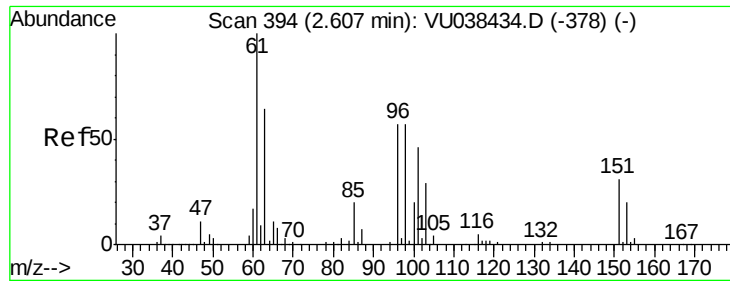
Instrument :
MSVOA_U
ClientSampleId :
BFXB4

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Quant Time: Jun 01 08:04:08 2020
Quant Method : Z:\V0ASRV\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





#10

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

Concen: 0.166 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038448.D

Acq: 31 May 2020 05:28

Instrument :

MSVOA_U

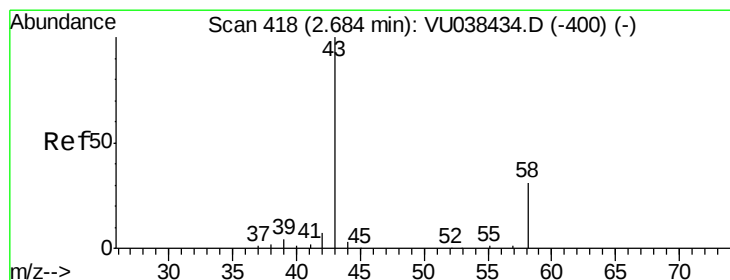
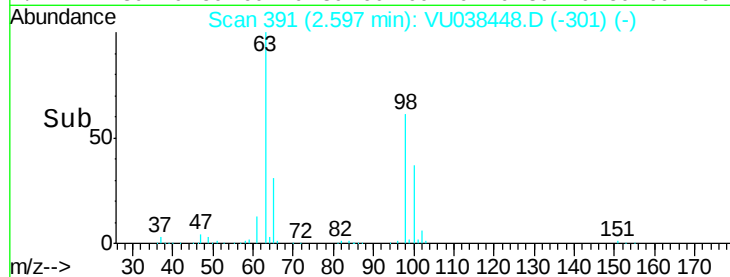
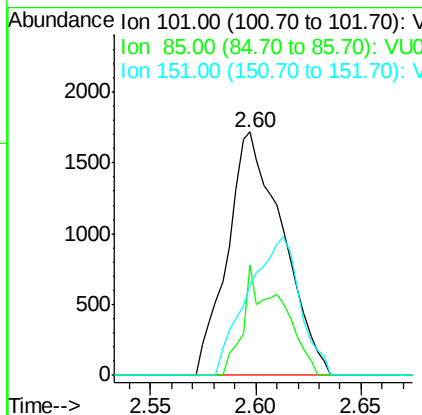
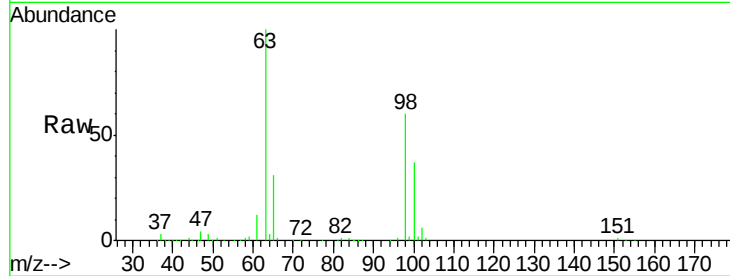
ClientSampled :

BFXB4

Tot Ion:	101	Resp:	3113
Ion Ratio	Lower	Upper	
101	100		
85	15.3	34.0	51.0#
151	53.7	56.9	85.3#

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#13

Acetone

Concen: 2.434 ug/L m

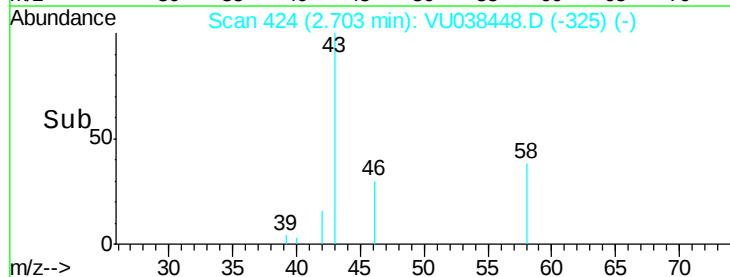
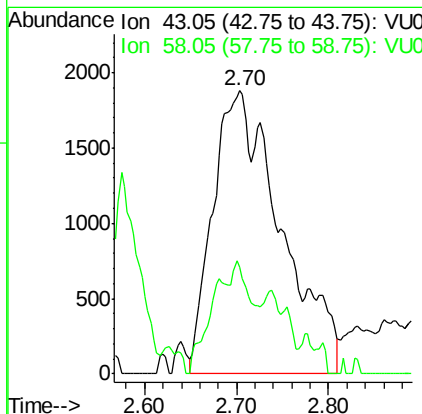
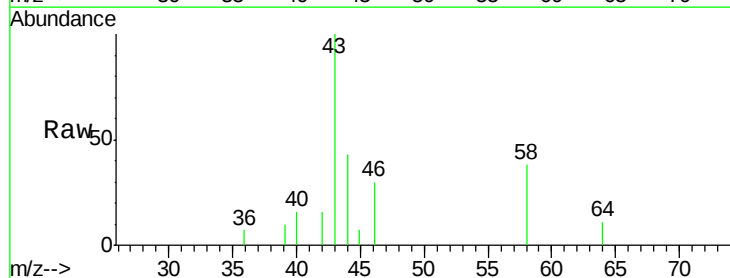
RT: 2.70 min Scan# 424

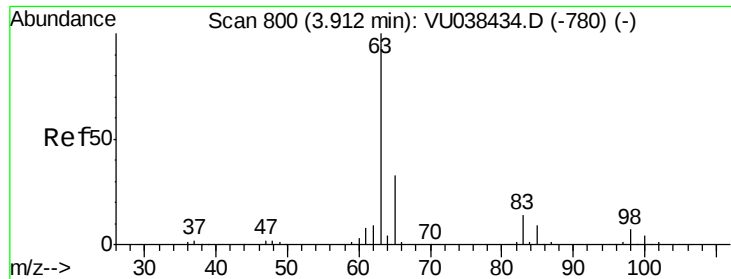
Delta R.T. 0.02 min

Lab File: VU038448.D

Acq: 31 May 2020 05:28

Tgt Ion:	43	Resp:	9695
Ion Ratio	Lower	Upper	
43	100		
58	5.5	0.0	65.6





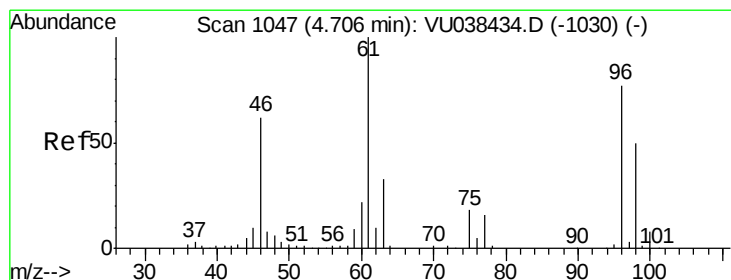
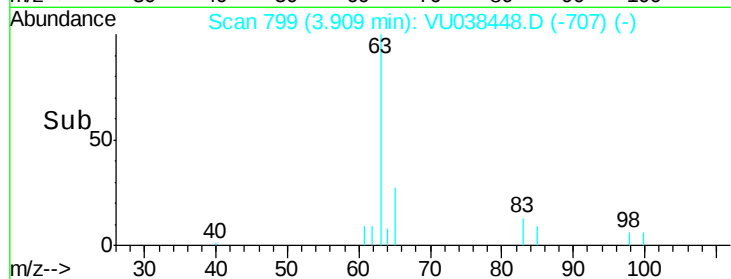
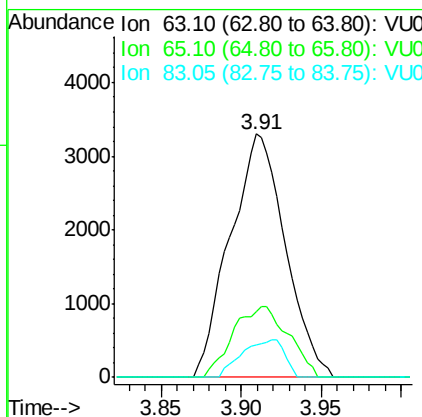
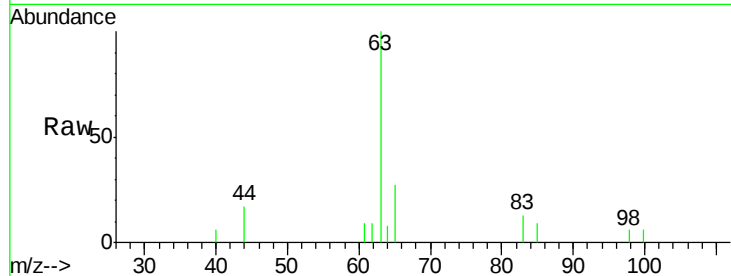
#19
 1,1-Dichloroethane
 Concen: 0.212 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038448.D
 Acq: 31 May 2020 05:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB4

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.0	22.3	41.5
83	13.3	10.4	19.4

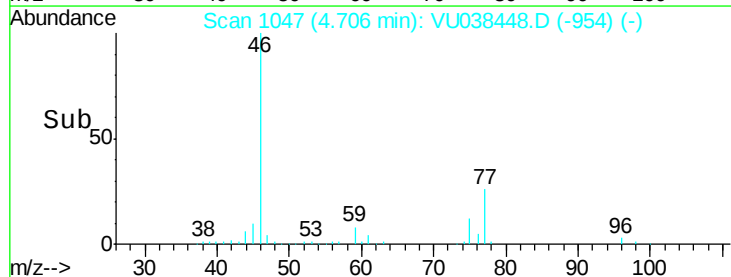
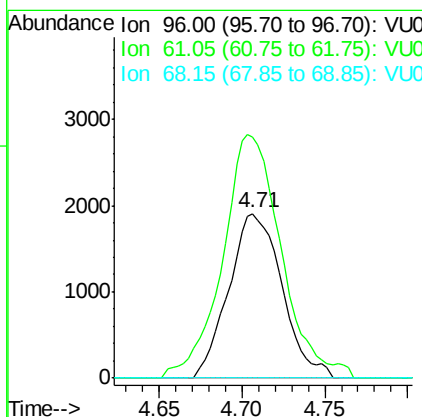
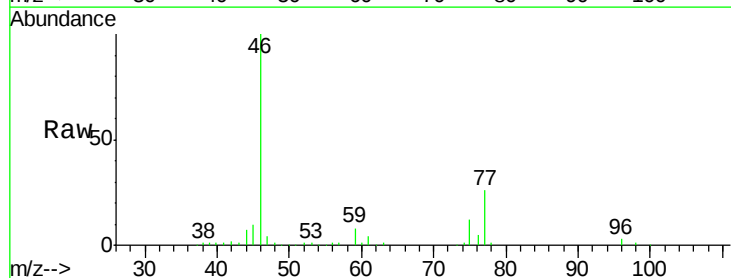
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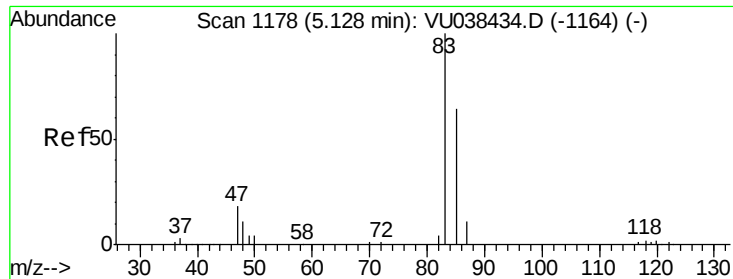
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#22
 cis-1,2-Dichloroethene
 Concen: 0.193 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038448.D
 Acq: 31 May 2020 05:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.5	94.0	174.6
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.556 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038448.D

Acq: 31 May 2020 05:28

Instrument :

MSVOA_U

ClientSampleId :

BFXB4

Tot Ion: 83 Resp: 20770

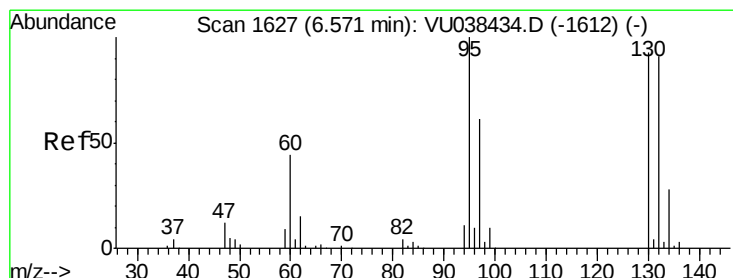
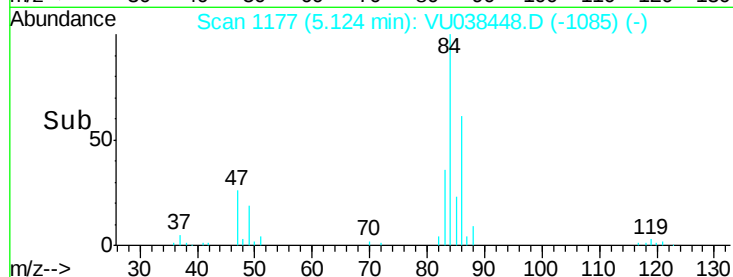
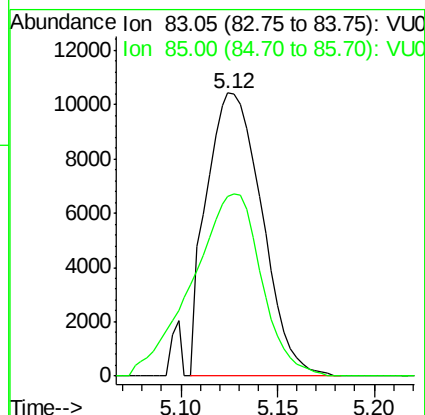
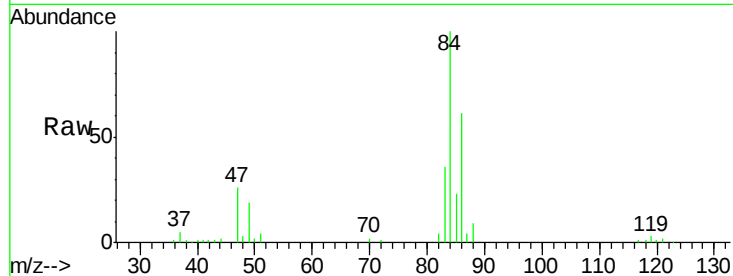
Ion Ratio Lower Upper

83 100

85 63.6 44.9 83.5

Manual Integrations
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#34

Trichloroethene

Concen: 0.836 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038448.D

Acq: 31 May 2020 05:28

Tgt Ion: 95 Resp: 18499

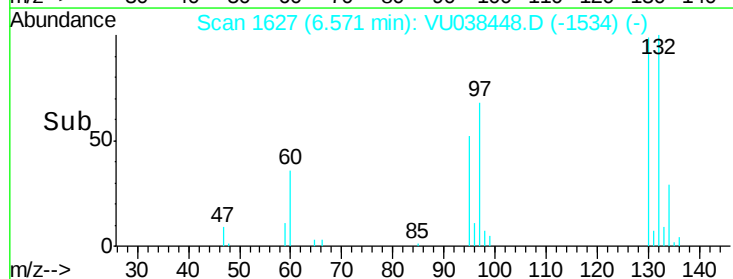
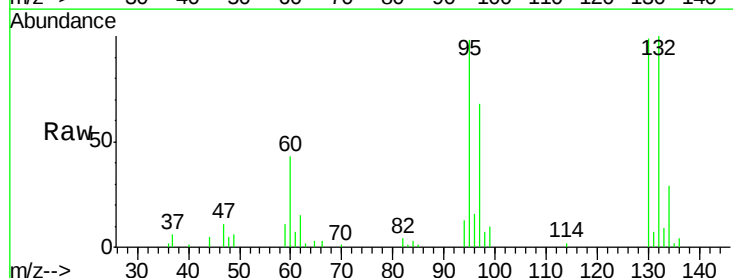
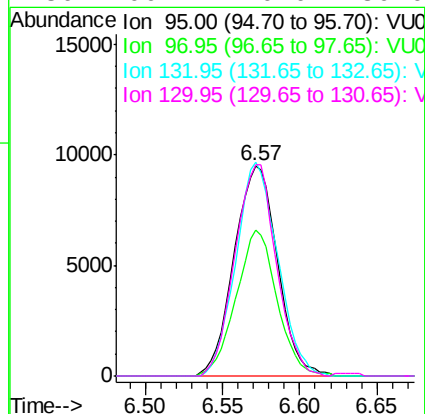
Ion Ratio Lower Upper

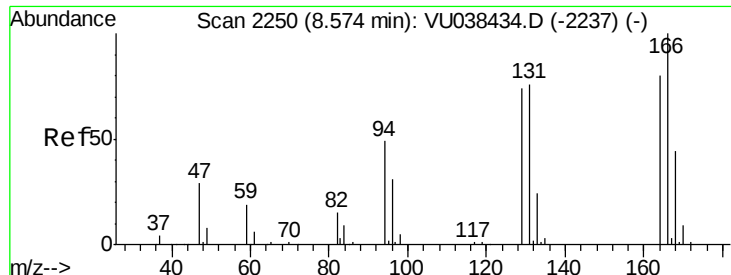
95 100

97 69.5 46.8 87.0

132 101.6 66.1 122.7

130 100.7 70.0 130.0





#47

Tetrachloroethene

Concen: 13.282 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038448.D

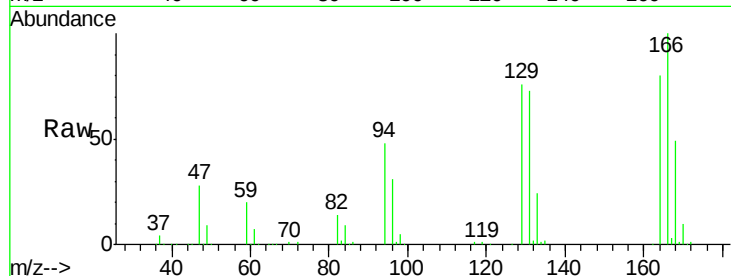
Acq: 31 May 2020 05:28

Instrument :

MSVOA_U

ClientSampleId :

BFXB4



Tot Ion:164 Resp: 213436

Ion Ratio Lower Upper

164 100

129 94.1 67.4 125.2

131 90.7 64.1 119.1

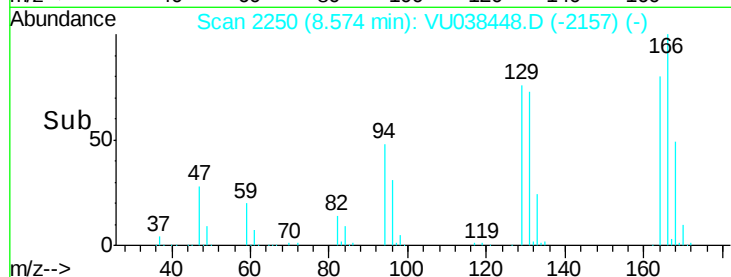
166 124.5 85.7 159.1

Manual Integrations

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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

