

Data File : VU038817.D
Acq On : 11 Jun 2020 12:20
Operator : SY/MD
Sample : L2789-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFX77

Quant Time: Jun 12 01:22:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	323641	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	315776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	151620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73879	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.93	69	61594	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.59	63	115933	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.68	46	275626	43.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.64%
24) Chloroform-d	5.10	84	156034	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.74	65	92861	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.76	84	307728	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	6.72	67	94999	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.93	98	258173	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	8.20	79	39089	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.66	63	225127	43.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	81708	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	108667	4.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.20%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	18348	0.936	ug/L	99
13) Acetone	2.67	43	21569	5.180	ug/L	92
22) cis-1,2-Dichloroethene	4.71	96	9423	0.407	ug/L	91
25) Chloroform	5.12	83	38066	0.975	ug/L	99
34) Trichloroethene	6.57	95	33772	1.478	ug/L	98
47) Tetrachloroethene	8.57	164	12139	0.731	ug/L	97

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

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Instrument :
MSVOA_U
ClientSampleId :
BFX77

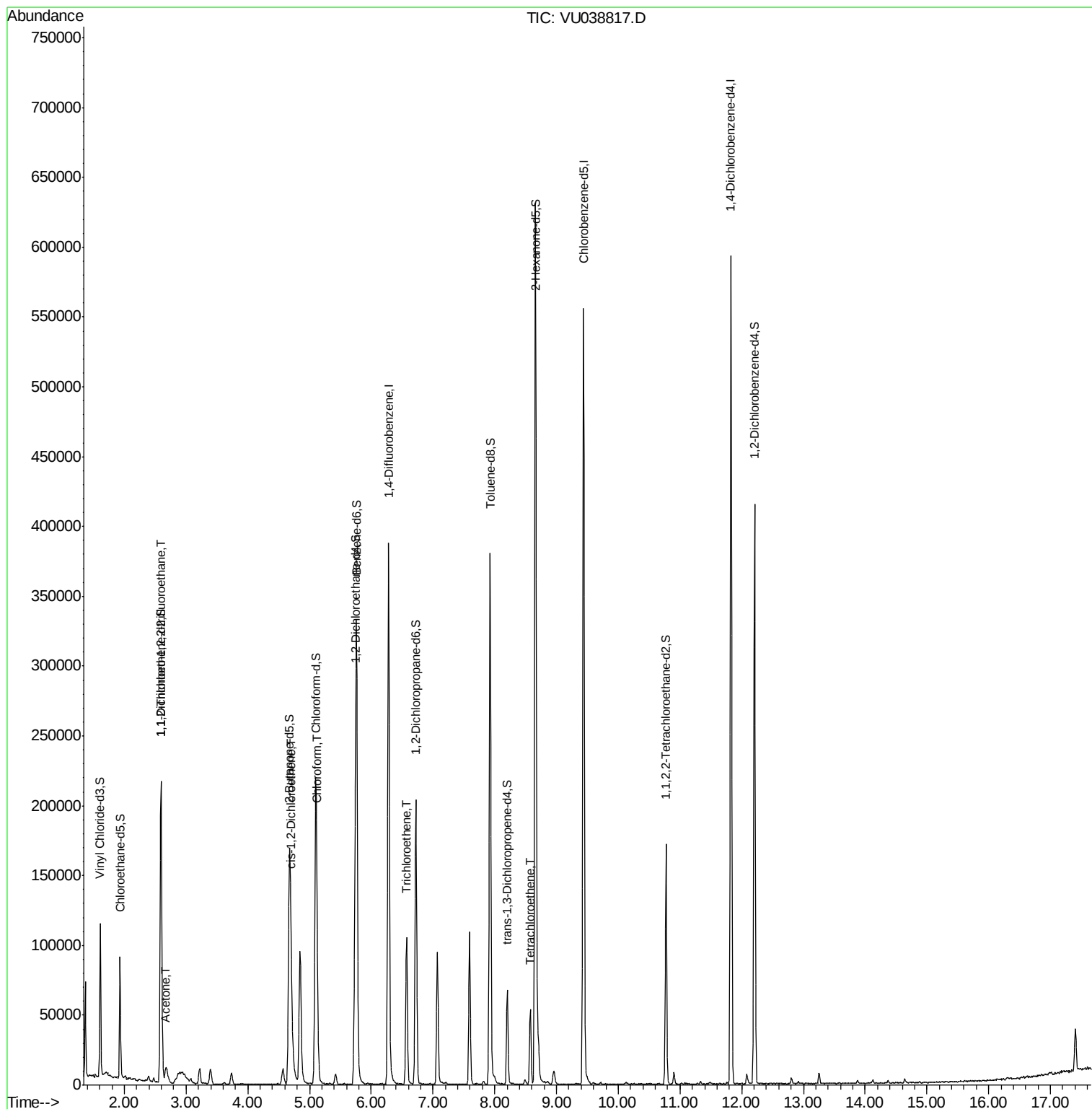
Quant Time: Jun 12 01:22:18 2020

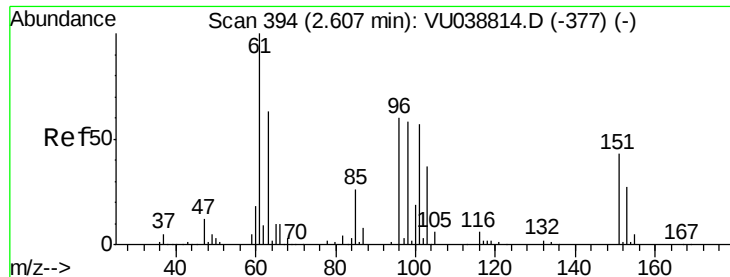
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMUTR053120WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jun 12 01:02:05 2020

Response via : Initial Calibration





#10

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

Concen: 0.936 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038817.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_U

ClientSampleId :

BFX77

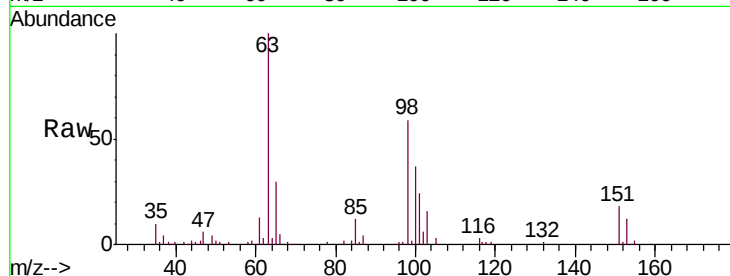
Tgt Ion:101 Resp: 18348

Ion Ratio Lower Upper

101 100

85 43.0 34.0 51.0

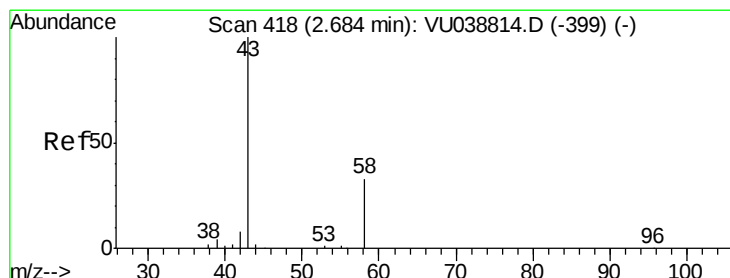
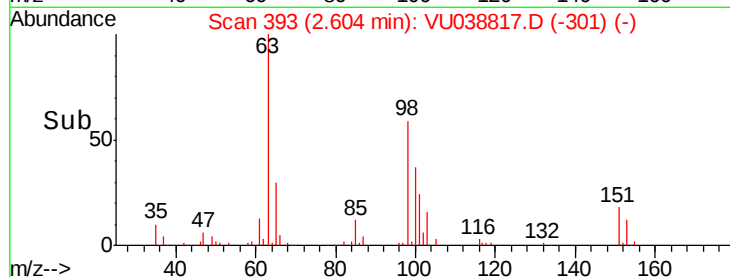
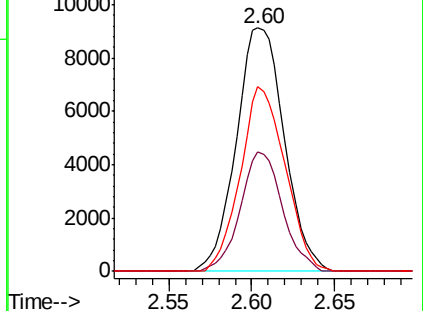
151 70.6 56.9 85.3



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: 5.180 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU038817.D

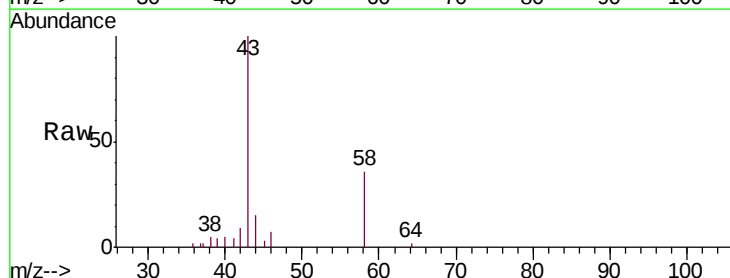
Acq: 11 Jun 2020 12:20

Tgt Ion: 43 Resp: 21569

Ion Ratio Lower Upper

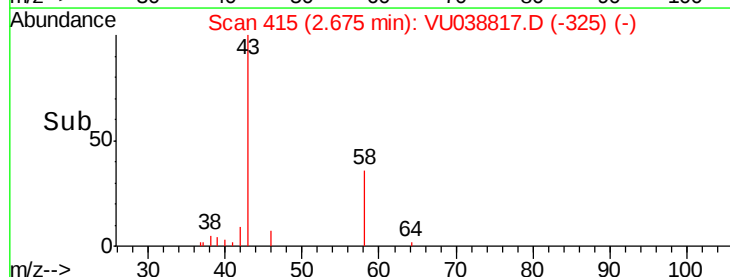
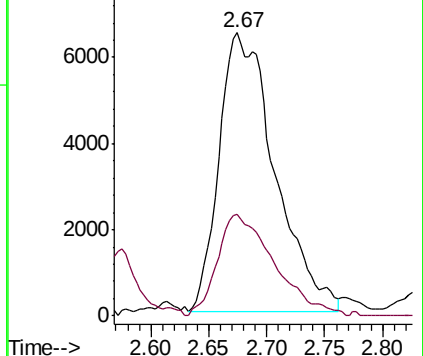
43 100

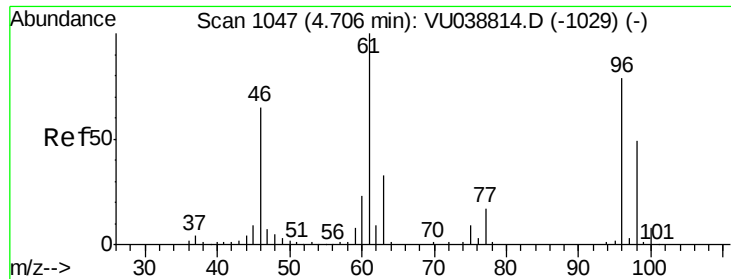
58 37.2 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.407 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038817.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_U

ClientSampled :

BFX77

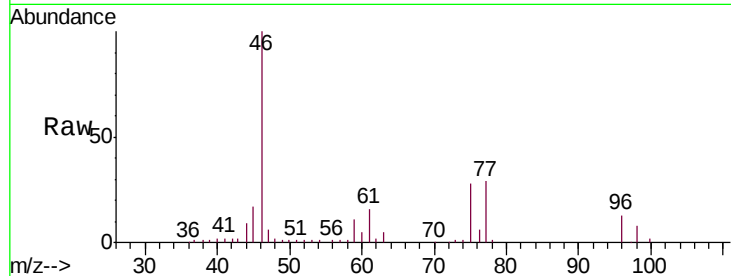
Tgt Ion: 96 Resp: 9423

Ion Ratio Lower Upper

96 100

61 123.5 94.0 174.6

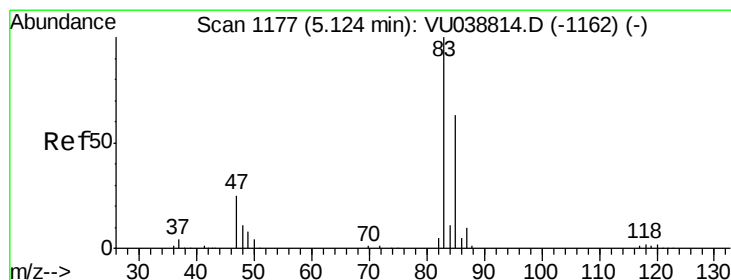
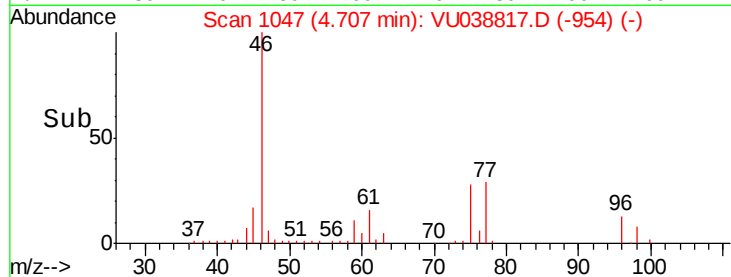
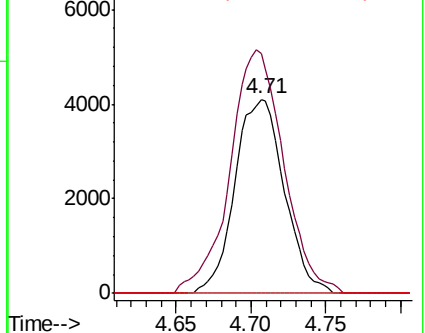
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038817.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038817.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038817.D (-1029) (-)



#25

Chloroform

Concen: 0.975 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU038817.D

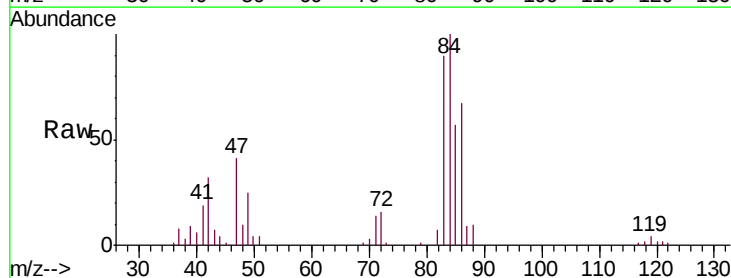
Acq: 11 Jun 2020 12:20

Tgt Ion: 83 Resp: 38066

Ion Ratio Lower Upper

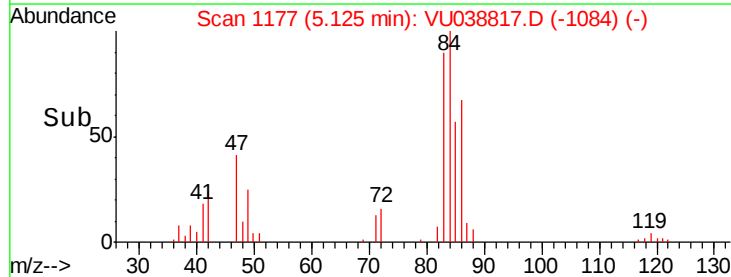
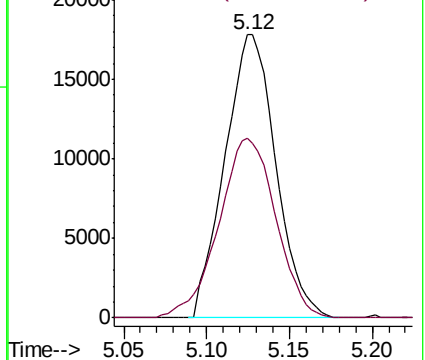
83 100

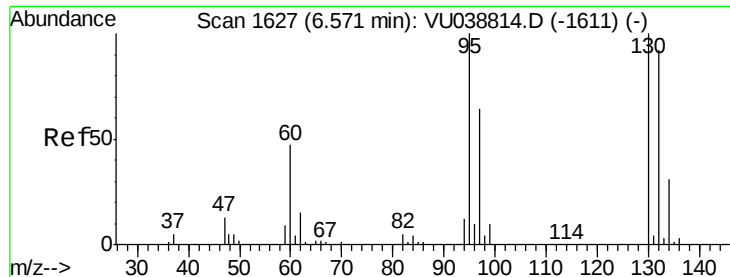
85 63.3 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU038817.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU038817.D (-1162) (-)





#34

Trichloroethene

Concen: 1.478 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038817.D

Acq: 11 Jun 2020 12:20

Instrument :

MSVOA_U

ClientSampled :

BFX77

Tgt Ion: 95 Resp: 33772

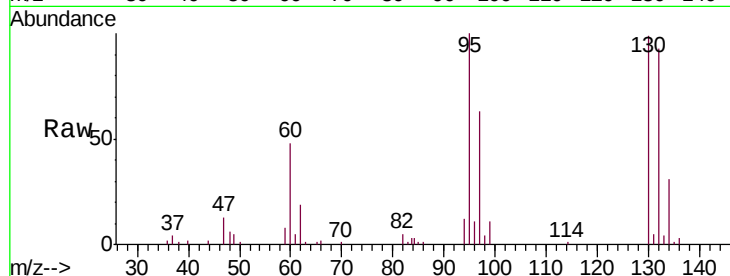
Ion Ratio Lower Upper

95 100

97 62.7 46.8 87.0

132 92.8 66.1 122.7

130 99.3 70.0 130.0

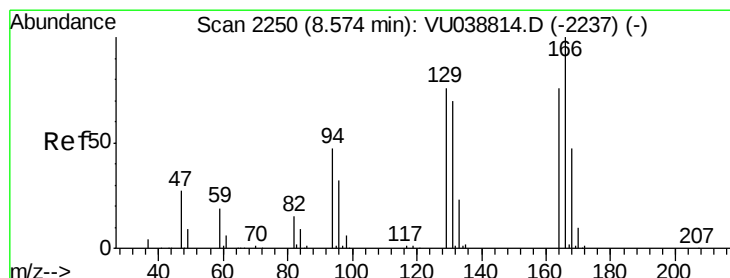
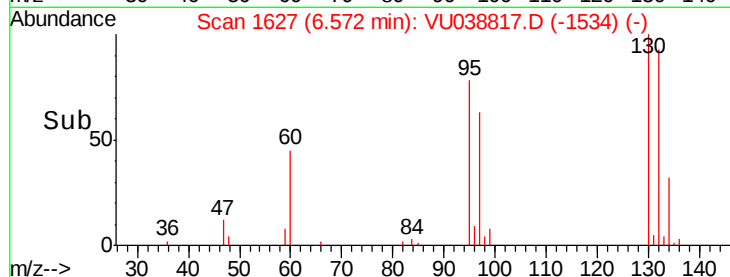
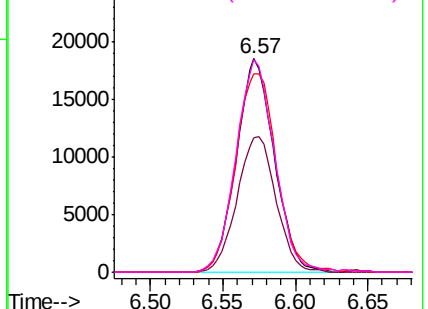


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.731 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038817.D

Acq: 11 Jun 2020 12:20

Tgt Ion: 164 Resp: 12139

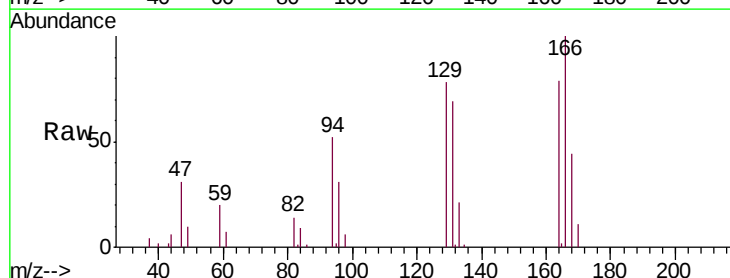
Ion Ratio Lower Upper

164 100

129 98.3 67.4 125.2

131 87.1 64.1 119.1

166 126.0 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

