

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039555.D
 Acq On : 17 Jul 2020 17:12
 Operator : SY/MD
 Sample : L3292-17DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT92DL

Quant Time: Jul 18 01:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	88469	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19132	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.92	69	24881	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	30613	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.65	46	97610	41.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.20%
24) Chloroform-d	5.08	84	45788	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.72	65	31452	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.75	84	91331	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.71	67	31674	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	79054	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	12521	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	67466	36.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.02%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28070	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31469	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

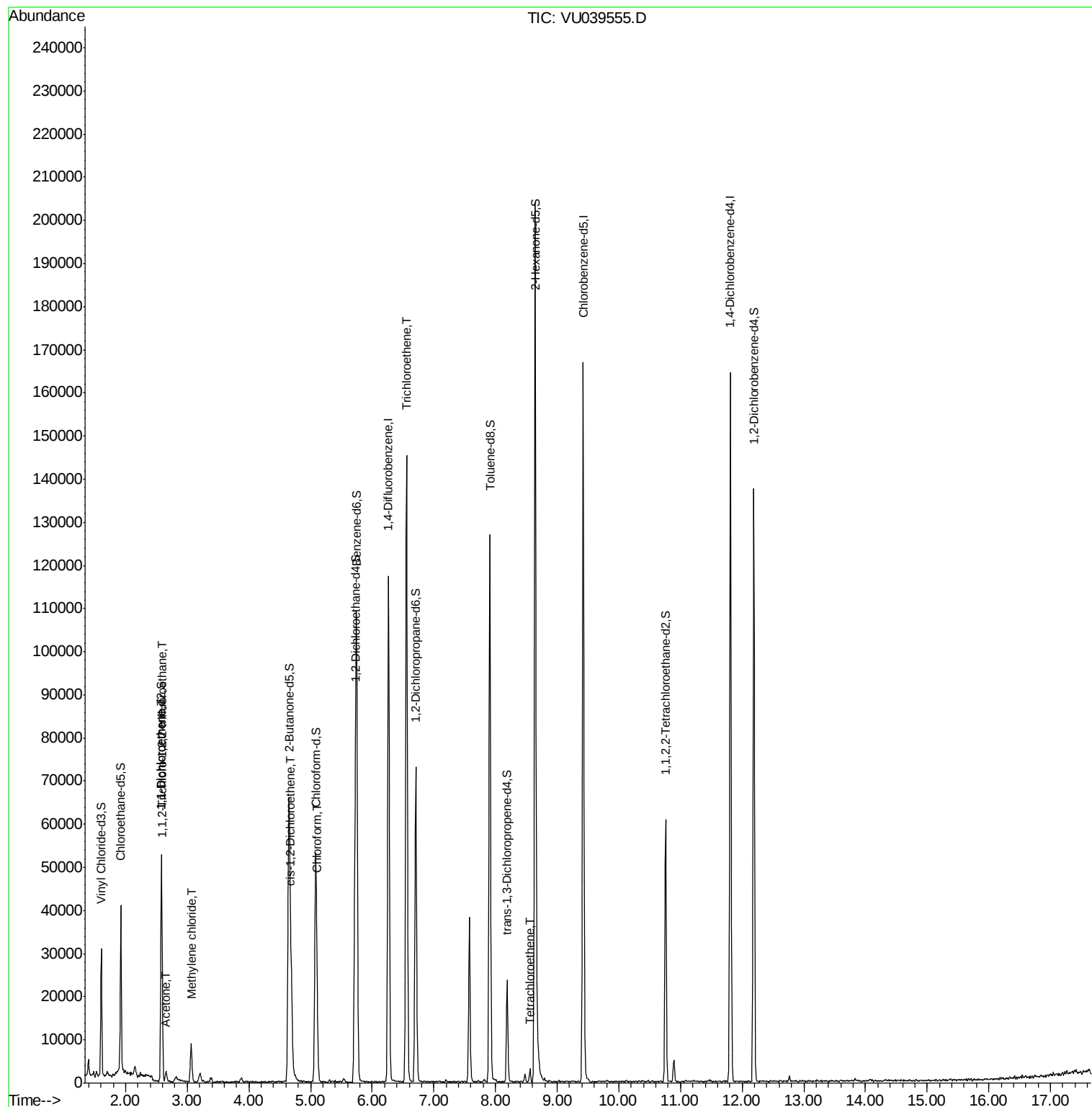
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	821	0.160 ug/L #	71
12) 1,1-Dichloroethene	2.59	96	1195	0.227 ug/L #	1
13) Acetone	2.65	43	3180	2.511 ug/L	81
16) Methylene chloride	3.06	84	3928	0.594 ug/L	78
22) cis-1,2-Dichloroethene	4.69	96	6787	1.039 ug/L	100
25) Chloroform	5.11	83	5982	0.520 ug/L	95
34) Trichloroethene	6.56	95	45624	6.981 ug/L	93
47) Tetrachloroethene	8.56	164	592	0.130 ug/L #	71

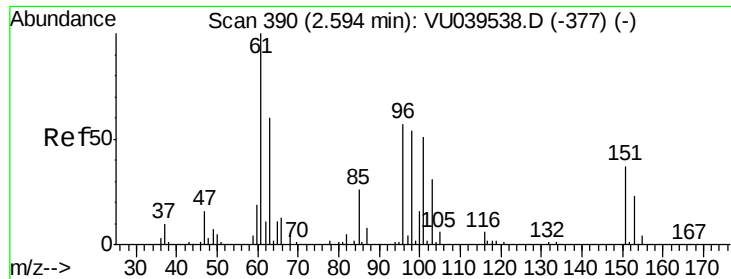
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.160 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

Instrument :

MSVOA_U

ClientSampled :

BFT92DL

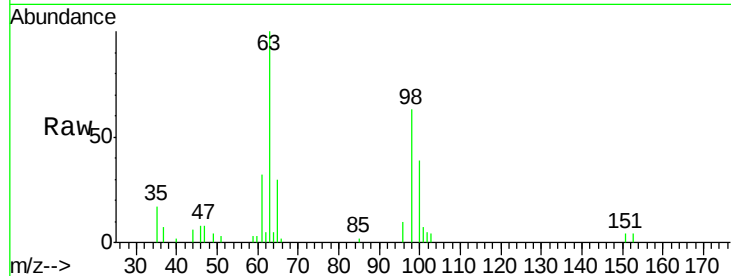
Tot Ion:101 Resp: 821

Ion Ratio Lower Upper

101 100

85 25.9 38.9 58.3#

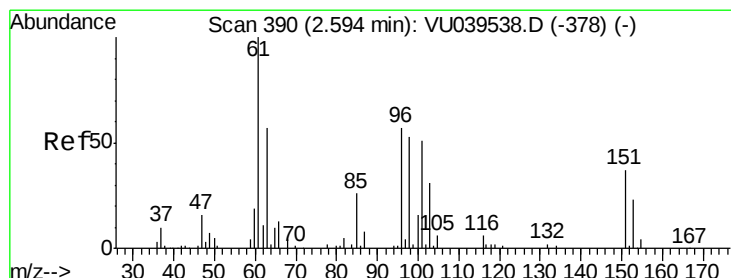
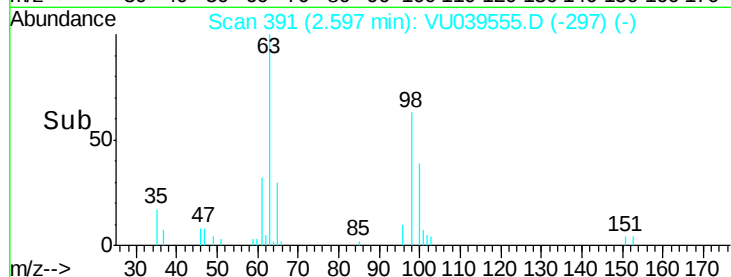
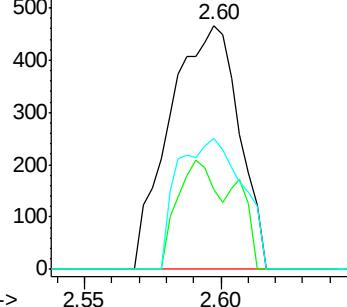
151 50.2 57.0 85.4#



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



#12

1,1-Dichloroethene

Concen: 0.227 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

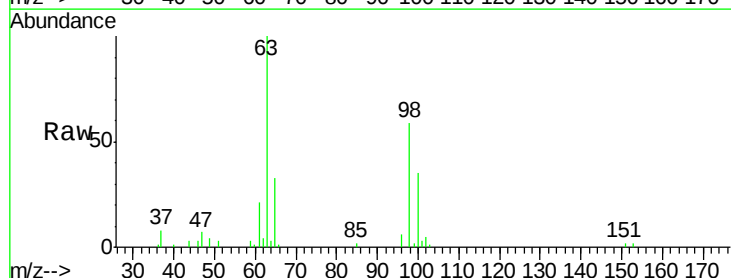
Tgt Ion: 96 Resp: 1195

Ion Ratio Lower Upper

96 100

61 354.7 125.4 232.8#

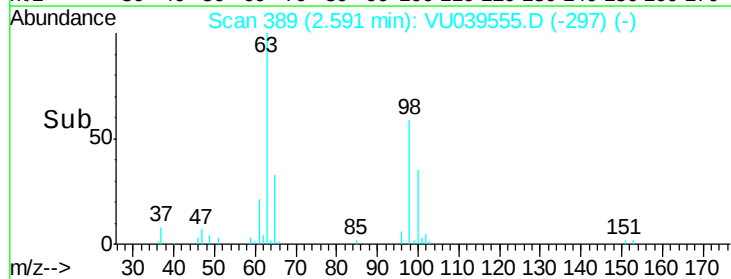
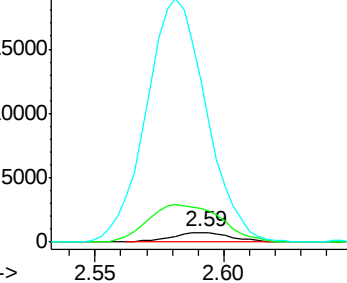
63 1678.8 92.7 172.3#

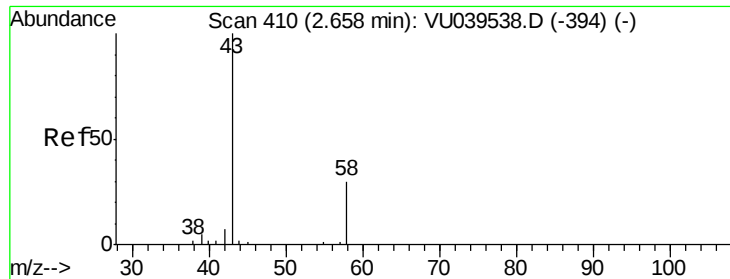


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.511 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

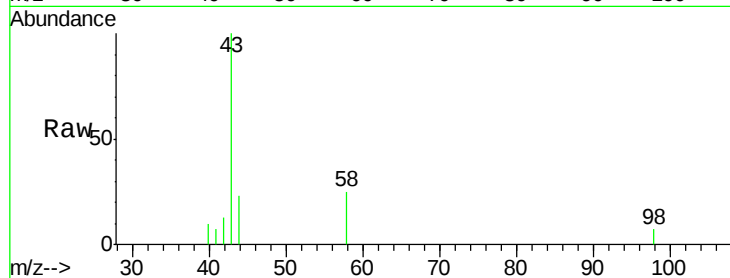
BFT92DL

Tot Ion: 43 Resp: 3180

Ion Ratio Lower Upper

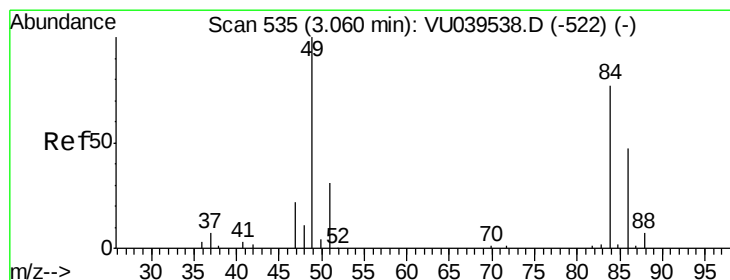
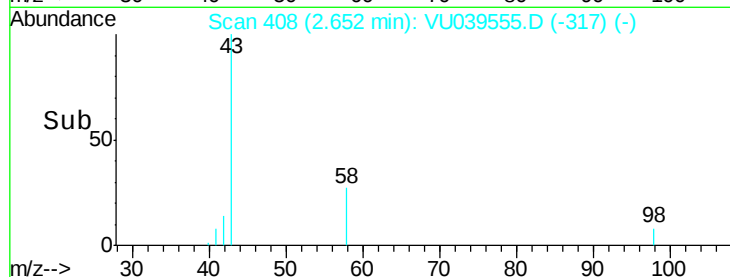
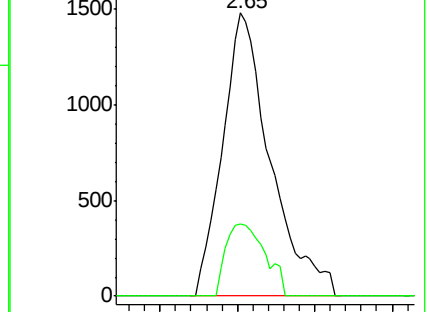
43 100

58 21.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039538.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU039538.D (-394) (-)



#16

Methylene chloride

Concen: 0.594 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

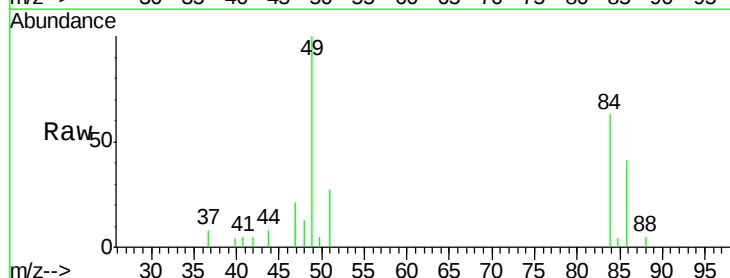
Tgt Ion: 84 Resp: 3928

Ion Ratio Lower Upper

84 100

86 64.6 43.5 80.9

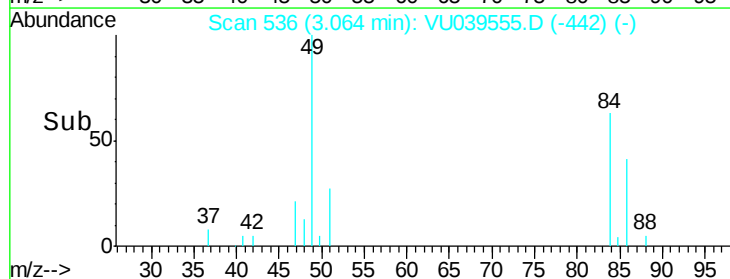
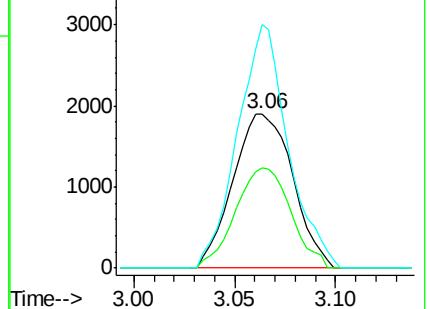
49 165.7 91.1 169.1

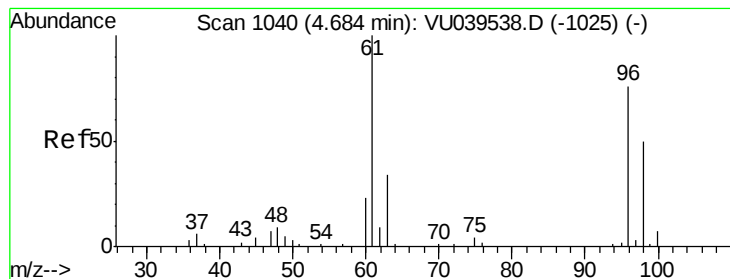


Abundance Ion 84.05 (83.75 to 84.75): VU039538.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU039538.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU039538.D (-522) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.039 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

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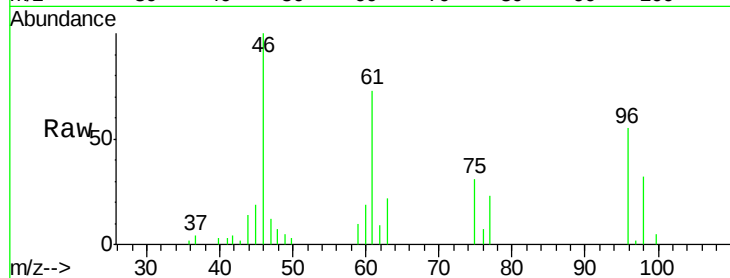
Tot Ion: 96 Resp: 6787

Ion Ratio Lower Upper

96 100

61 132.8 92.8 172.4

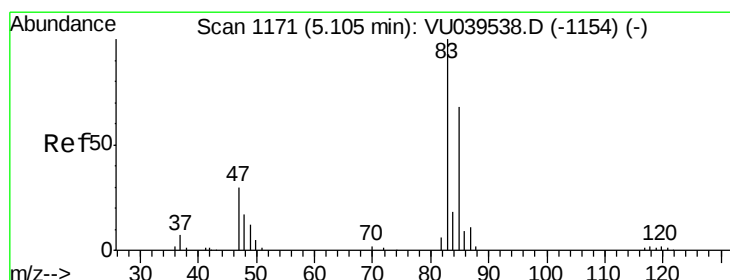
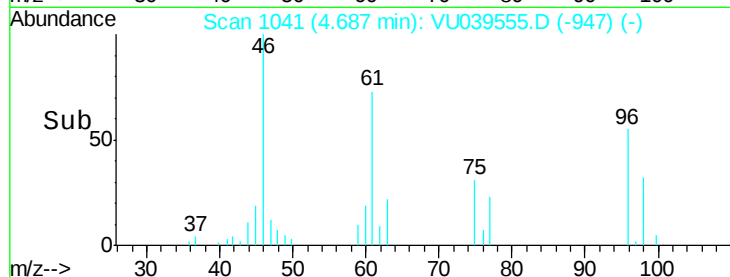
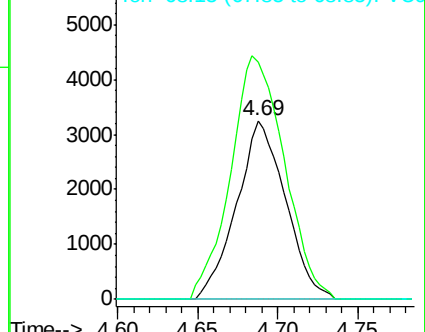
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039538.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU039538.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU039538.D (-1025) (-)



#25

Chloroform

Concen: 0.520 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039555.D

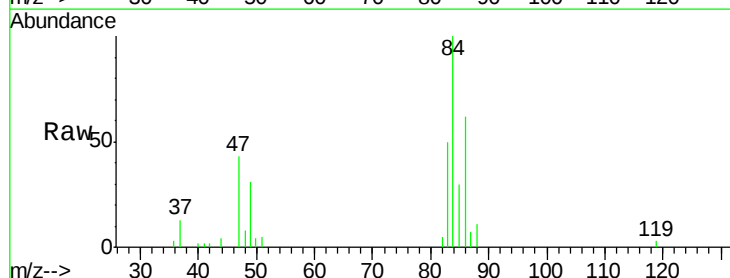
Acq: 17 Jul 2020 17:12

Tgt Ion: 83 Resp: 5982

Ion Ratio Lower Upper

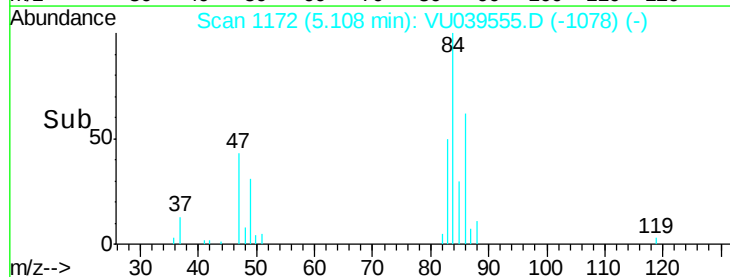
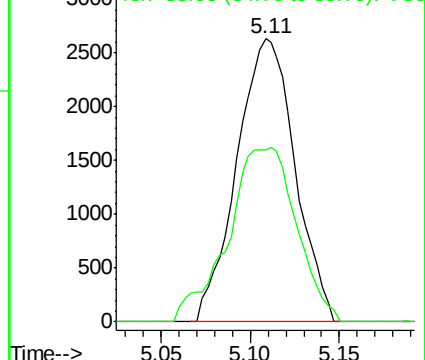
83 100

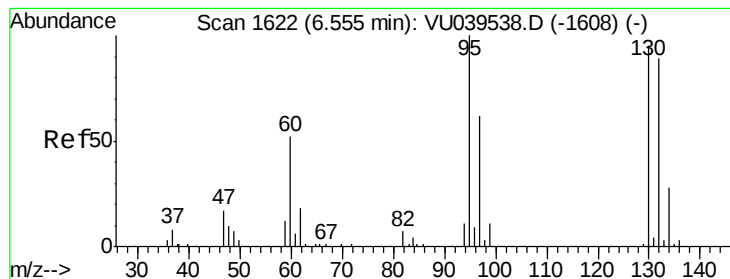
85 60.6 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039538.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039538.D (-1154) (-)





#34

Trichloroethene

Concen: 6.981 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

BFT92DL

Tot Ion: 95 Resp: 45624

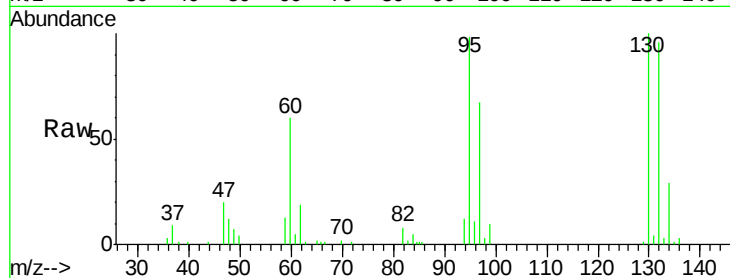
Ion Ratio Lower Upper

95 100

97 68.2 46.3 85.9

132 97.5 64.0 118.8

130 101.6 64.3 119.5

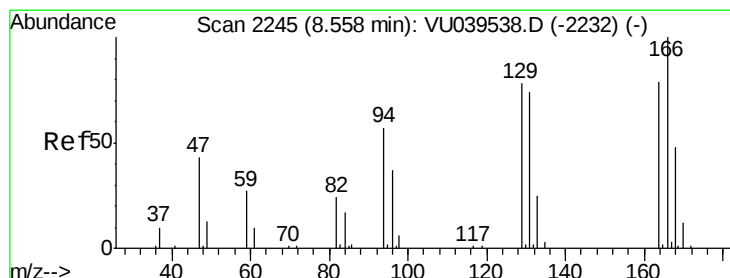
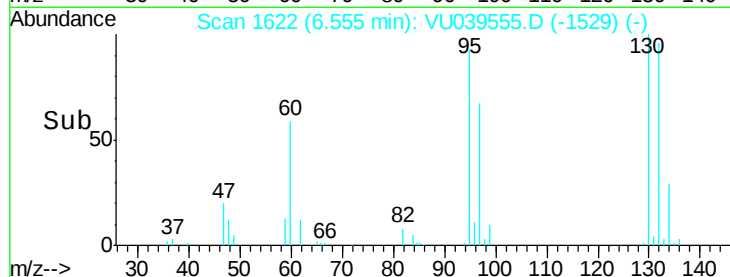
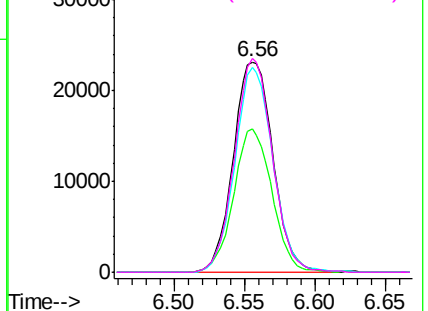


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.130 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039555.D

Acq: 17 Jul 2020 17:12

Tgt Ion:164 Resp: 592

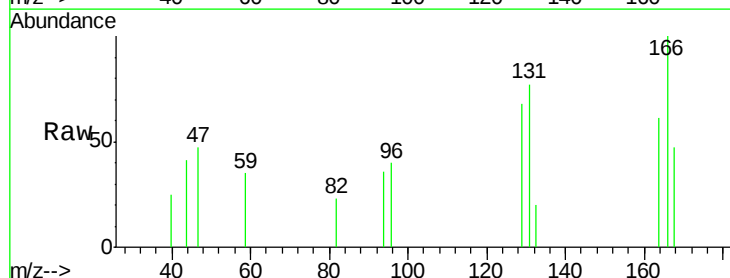
Ion Ratio Lower Upper

164 100

129 112.1 68.6 127.4

131 126.0 66.4 123.4#

166 164.7 85.9 159.5#



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

