

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014913.D
 Acq On : 11 Feb 2020 13:54
 Operator : JC/SP
 Sample : L1015-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MANHOLE

Quant Time: Feb 12 06:16:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

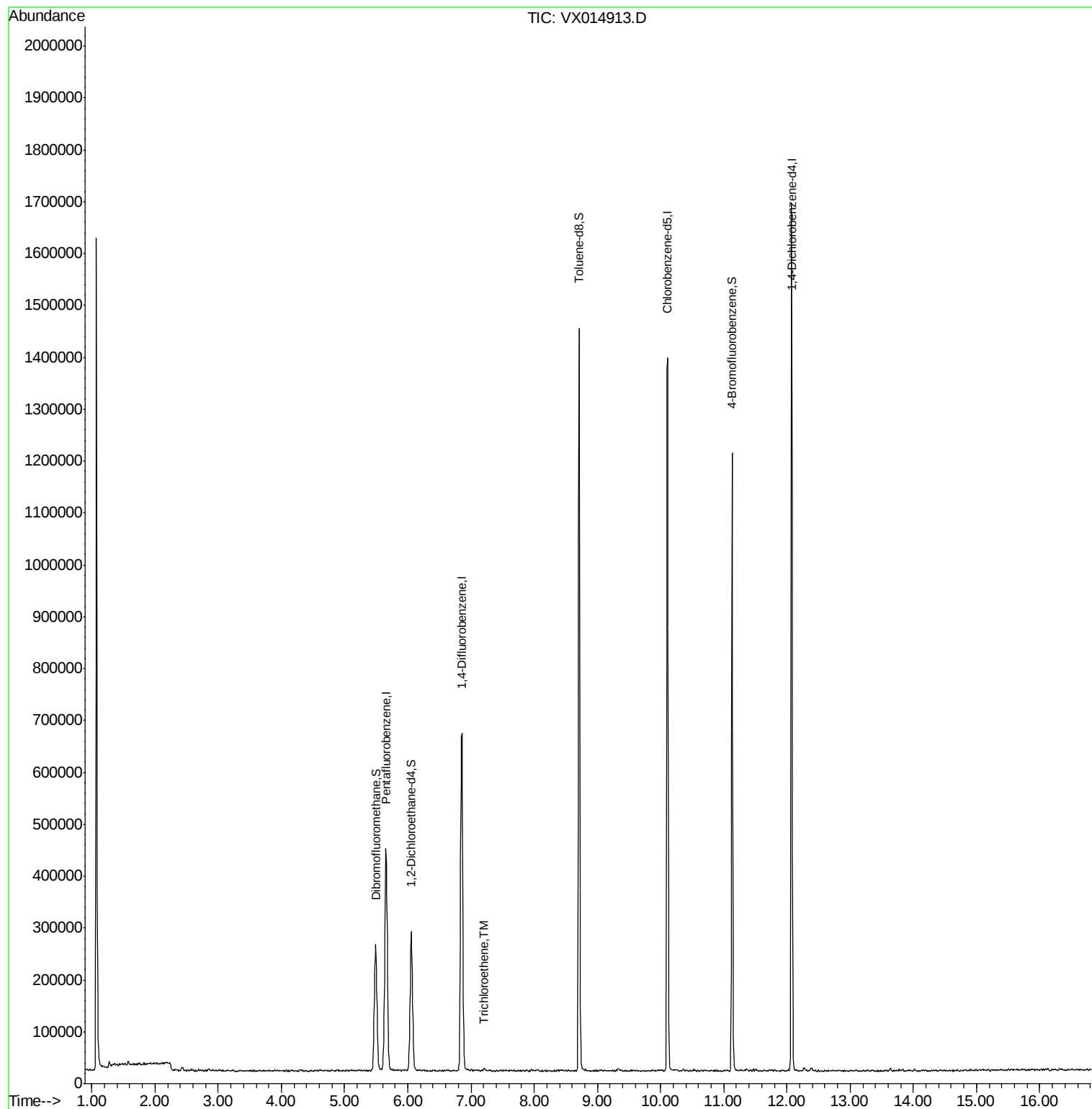
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	657803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	346651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	250990	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	211489	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.71	98	817442	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	308204	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
Target Compounds						
44) Trichloroethene	7.21	130	2450	0.459	ug/l	Qvalue 97

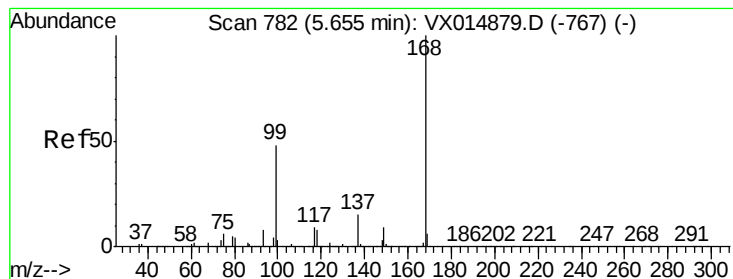
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014913.D

Acq: 11 Feb 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

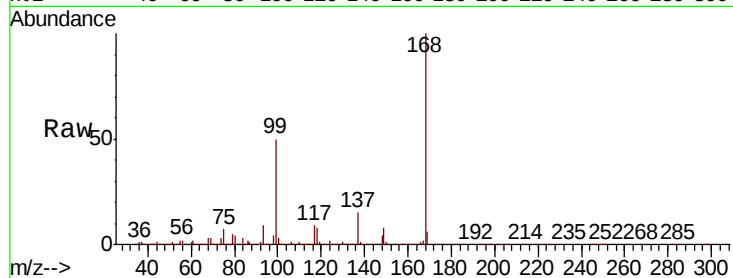
PR-MANHOLE

Tot Ion:168 Resp: 444166

Ion Ratio Lower Upper

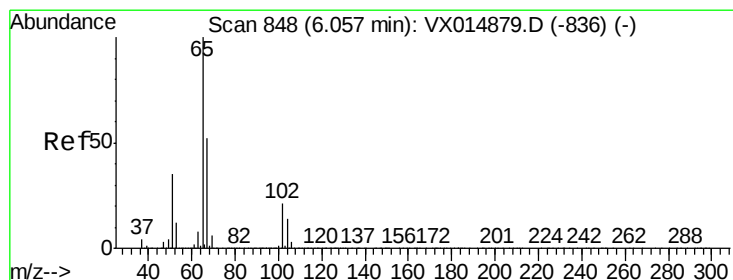
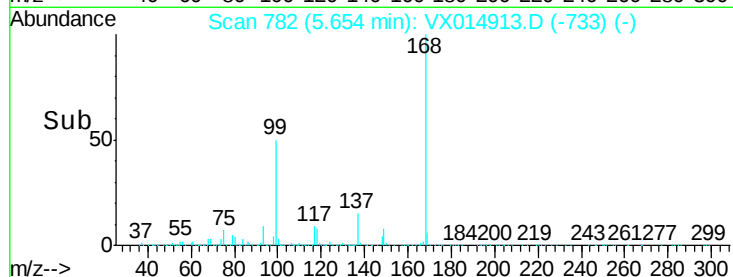
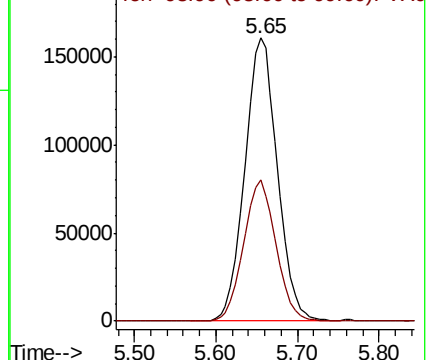
168 100

99 49.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.070 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014913.D

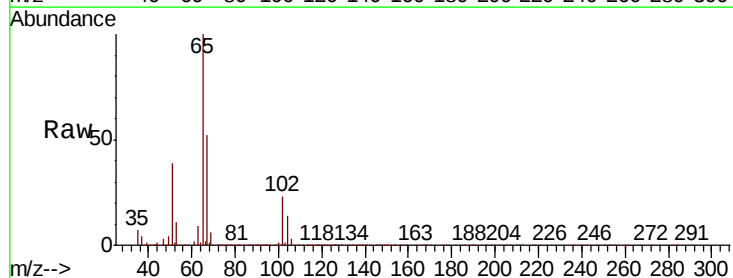
Acq: 11 Feb 2020 13:54

Tgt Ion: 65 Resp: 250990

Ion Ratio Lower Upper

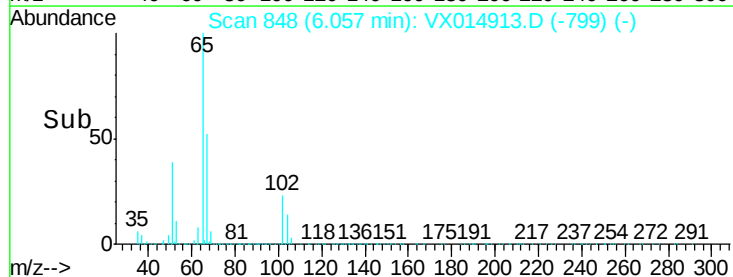
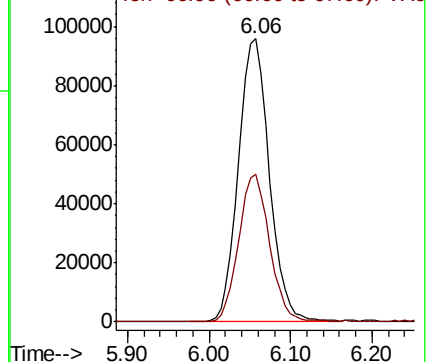
65 100

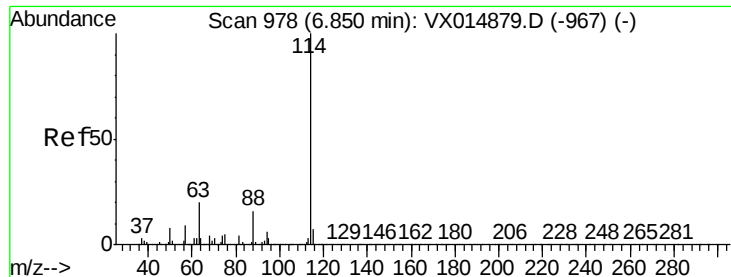
67 52.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014913.D

Acq: 11 Feb 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

PR-MANHOLE

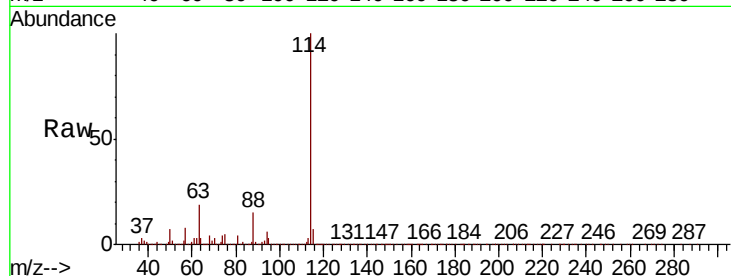
Tot Ion:114 Resp: 688227

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

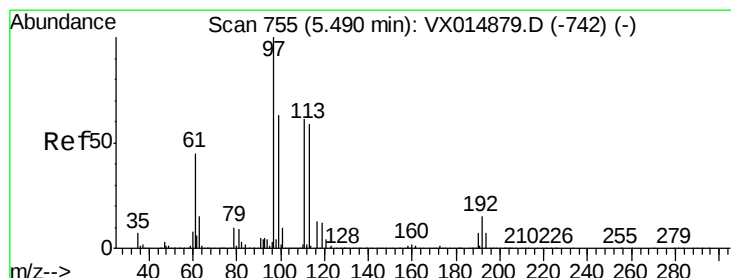
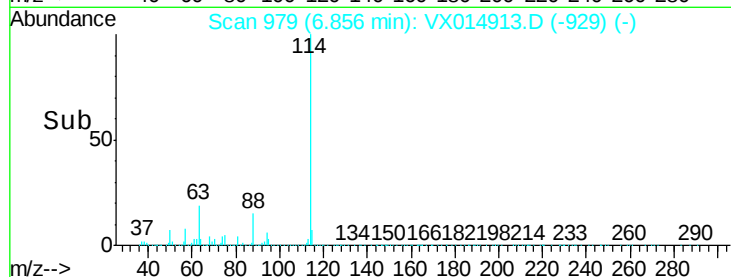
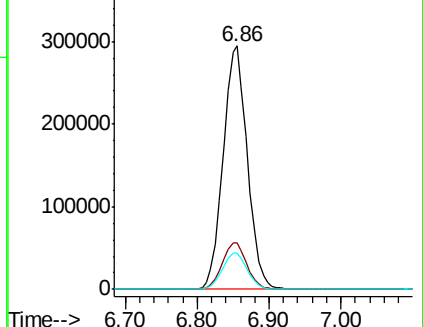
88 15.0 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.985 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014913.D

Acq: 11 Feb 2020 13:54

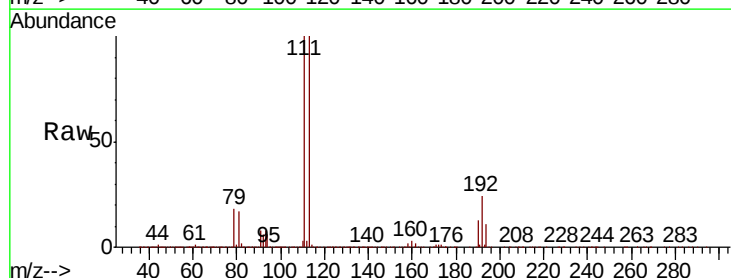
Tgt Ion:113 Resp: 211489

Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

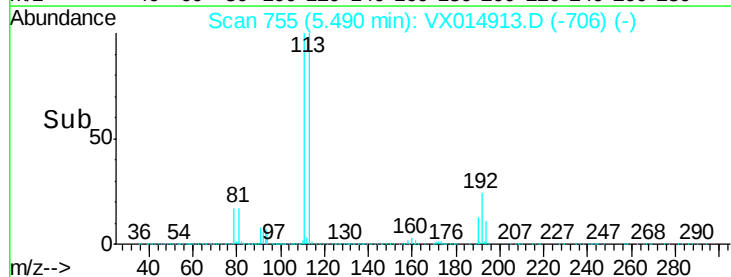
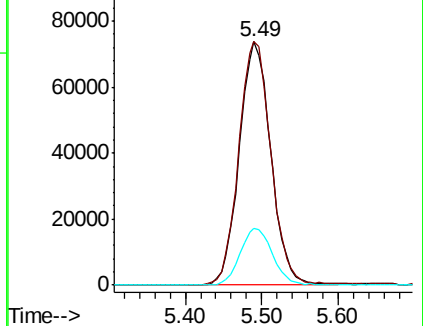
192 24.3 19.1 28.7

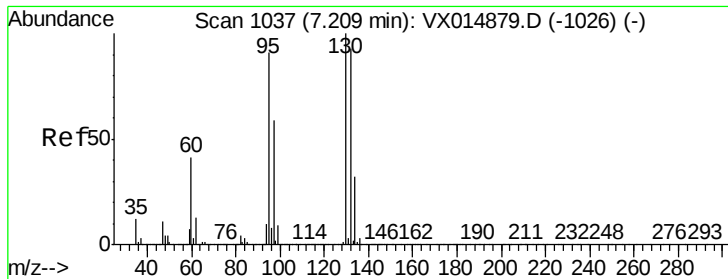


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.459 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014913.D

Acq: 11 Feb 2020 13:54

Instrument :

MSVOA_X

ClientSampled :

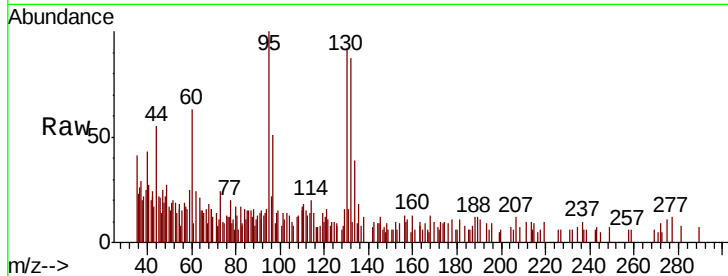
PR-MANHOLE

Tot Ion:130 Resp: 2450

Ion Ratio Lower Upper

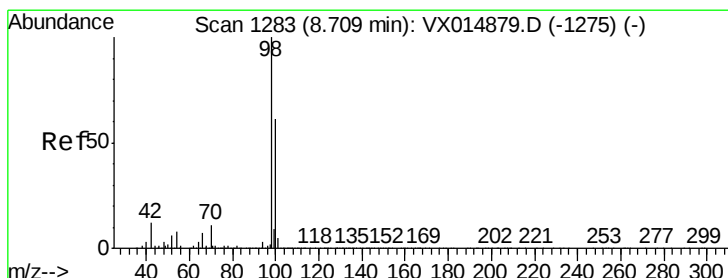
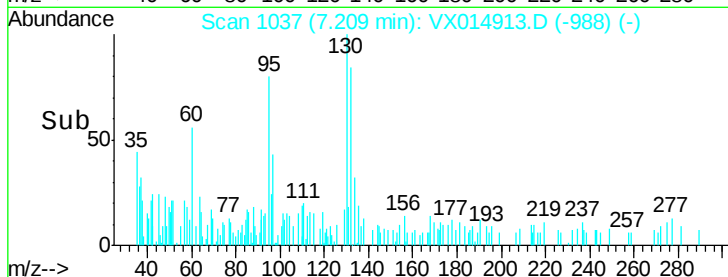
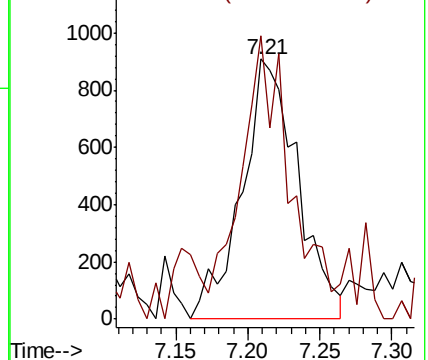
130 100

95 88.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.615 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014913.D

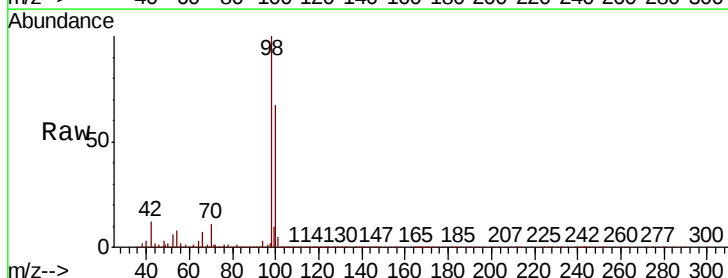
Acq: 11 Feb 2020 13:54

Tgt Ion: 98 Resp: 817442

Ion Ratio Lower Upper

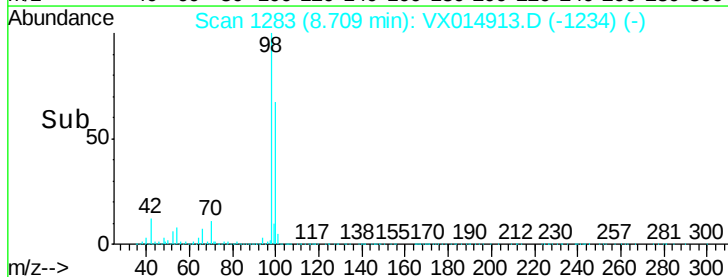
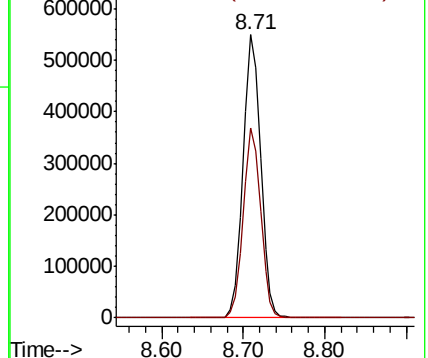
98 100

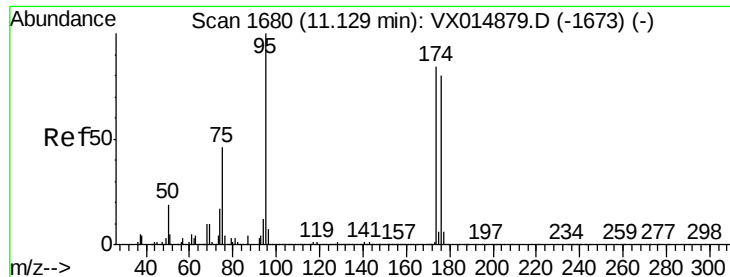
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.976 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014913.D

Acq: 11 Feb 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

PR-MANHOLE

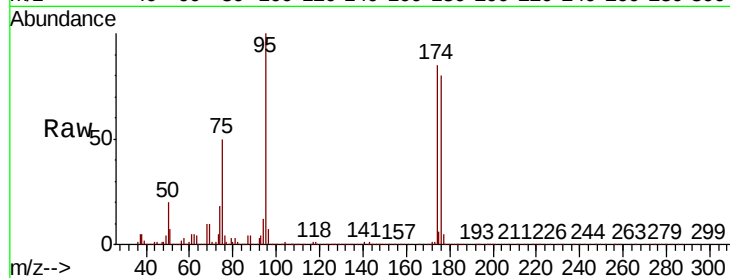
Tot Ion: 95 Resp: 308204

Ion Ratio Lower Upper

95 100

174 93.3 0.0 183.0

176 89.1 0.0 178.0

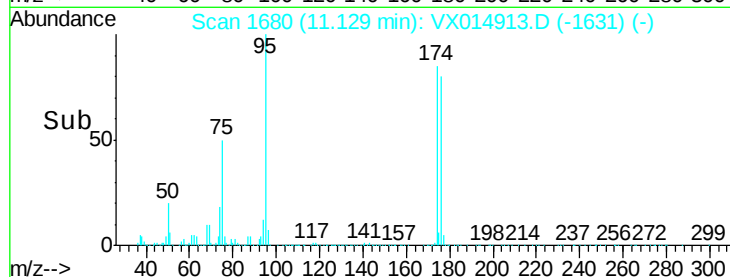


Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)

Time-->



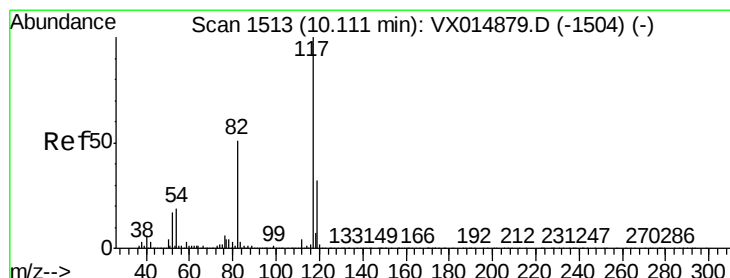
Abundance

Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014913.D

Acq: 11 Feb 2020 13:54

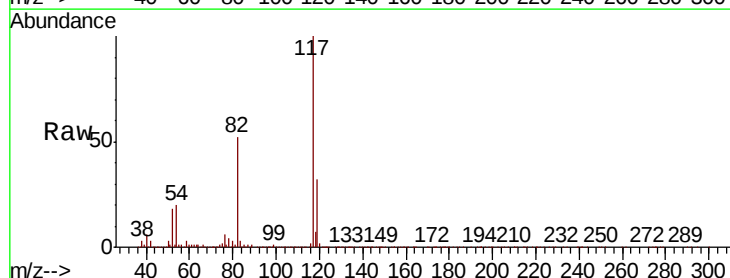
Tgt Ion: 117 Resp: 657803

Ion Ratio Lower Upper

117 100

82 52.1 40.5 60.7

119 32.1 25.8 38.6

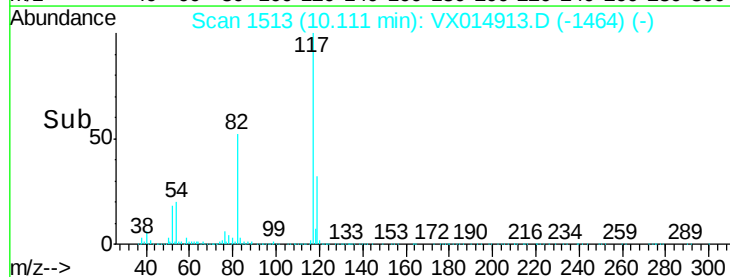


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)

Time-->



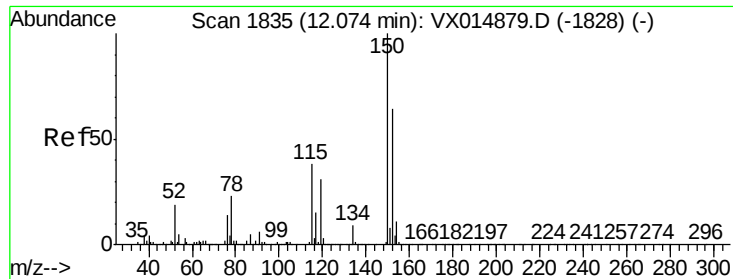
Abundance

Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014913.D

Acq: 11 Feb 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

PR-MANHOLE

Tot Ion:152 Resp: 346651

Ion Ratio Lower Upper

152 100

115 55.2 38.6 116.0

150 157.3 0.0 349.0

