

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013564.D
 Acq On : 23 Nov 2019 03:59
 Operator : JC/SP
 Sample : K5968-04 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20191121

Quant Time: Nov 25 06:38:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

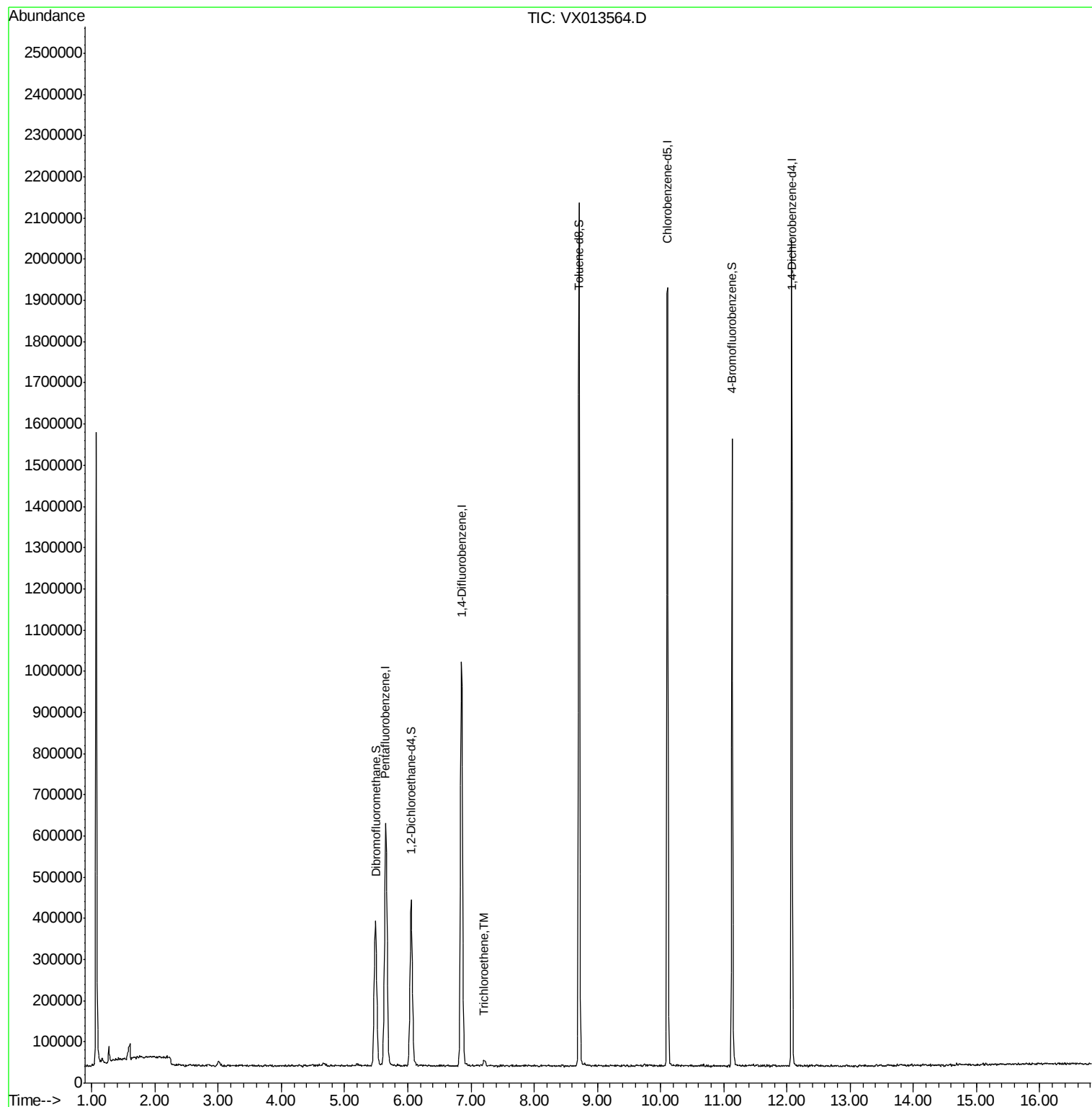
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	617367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1010283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	900020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	417070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	370795	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	5.48	113	306496	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	1209005	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	398852	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
44) Trichloroethene	7.21	130	5477	0.737	ug/l	Qvalue 93

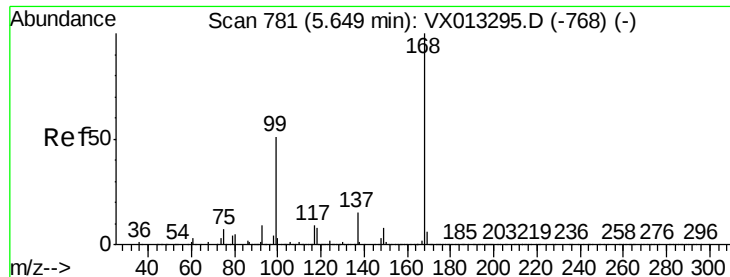
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013564.D

Acq: 23 Nov 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

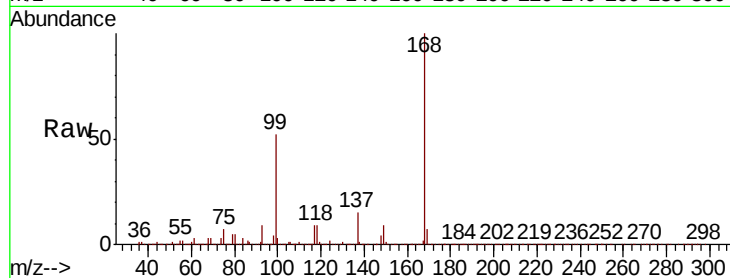
MH-117N-20191121

Tot Ion:168 Resp: 617367

Ion Ratio Lower Upper

168 100

99 51.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

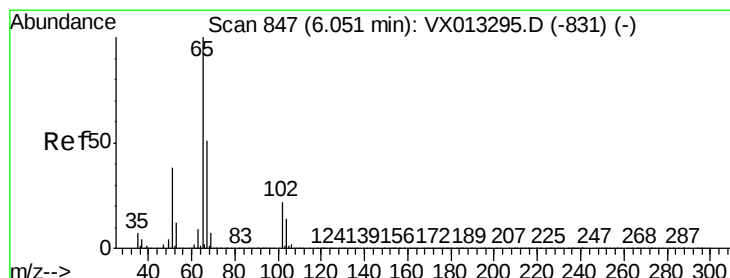
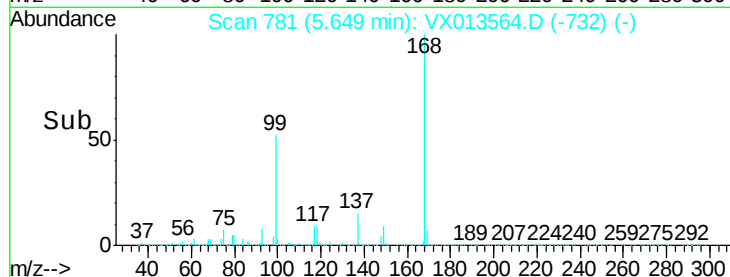
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 50.697 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013564.D

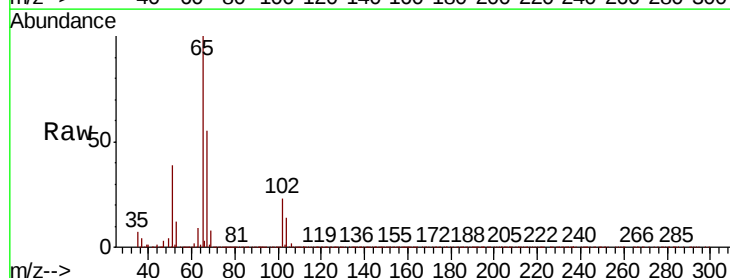
Acq: 23 Nov 2019 03:59

Tgt Ion: 65 Resp: 370795

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

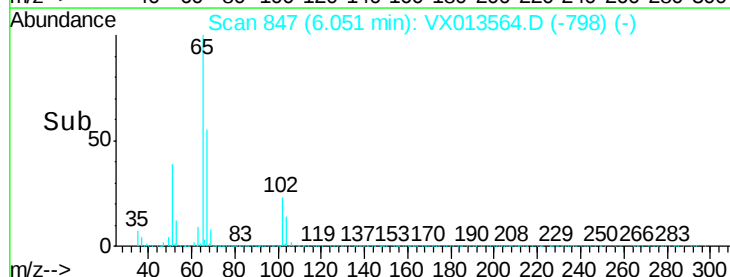
100000

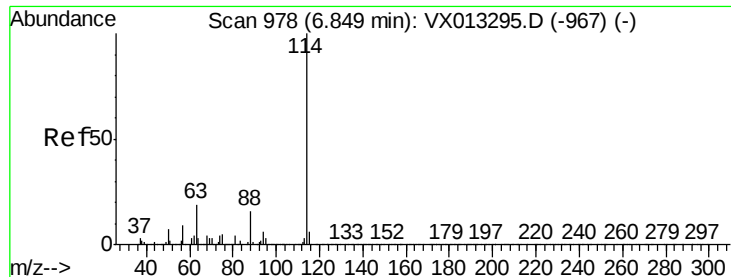
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013564.D

Acq: 23 Nov 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20191121

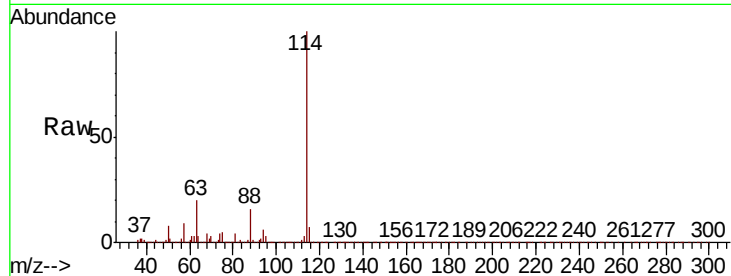
Tot Ion:114 Resp: 1010283

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

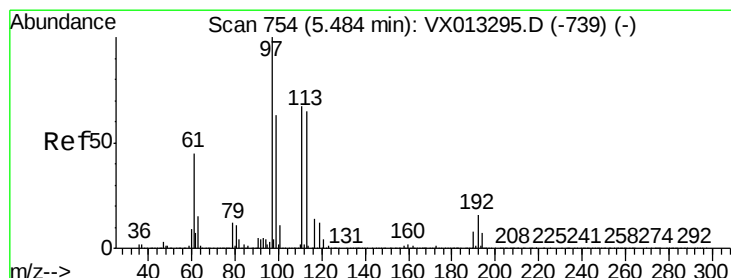
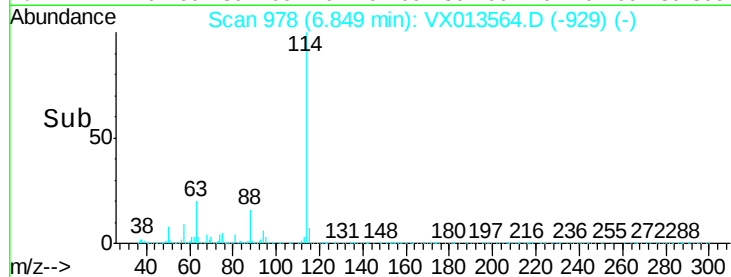
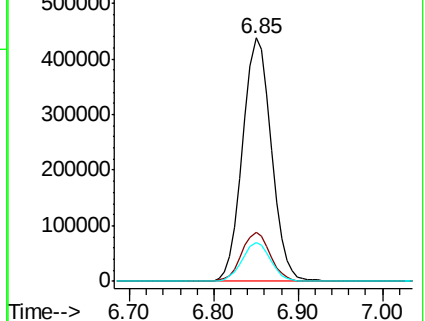
88 15.7 0.0 32.2



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: 48.369 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013564.D

Acq: 23 Nov 2019 03:59

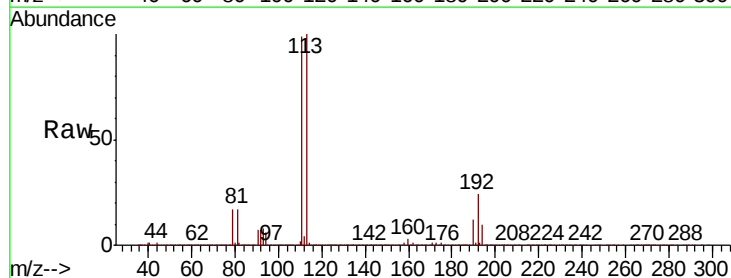
Tgt Ion:113 Resp: 306496

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

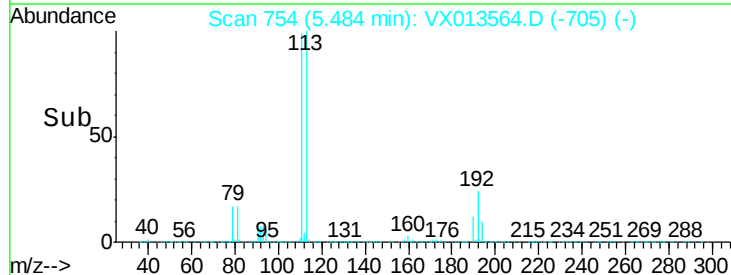
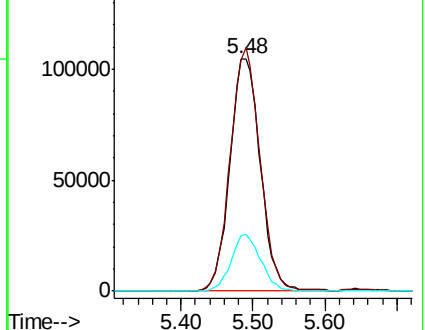
192 24.0 19.1 28.7

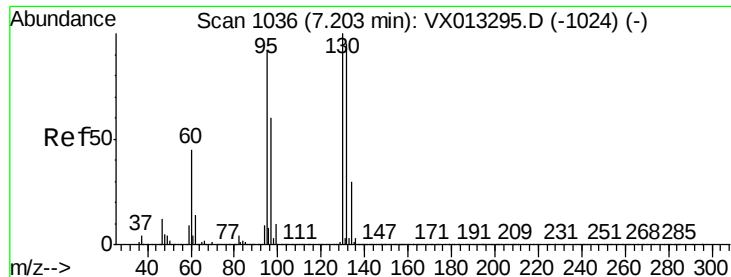


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.737 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013564.D

Acq: 23 Nov 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

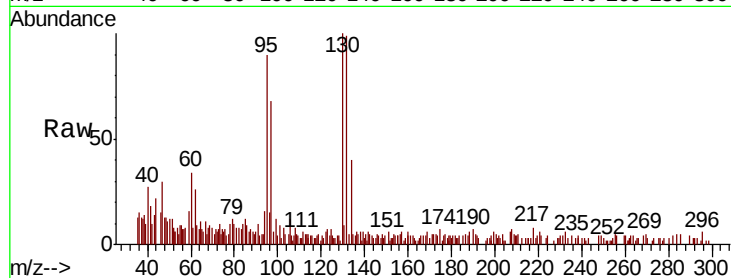
MH-117N-20191121

Tot Ion:130 Resp: 5477

Ion Ratio Lower Upper

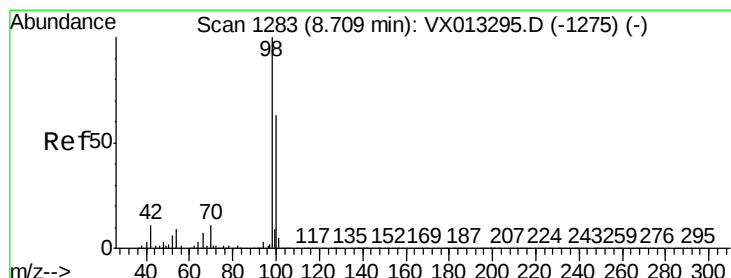
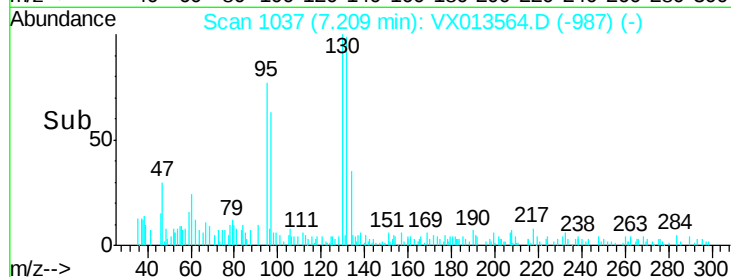
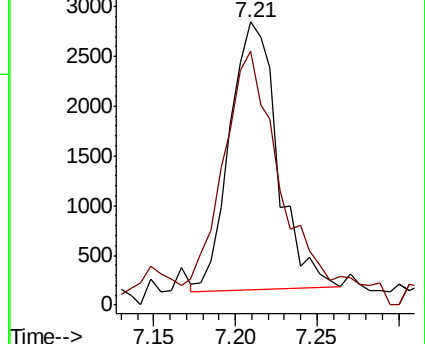
130 100

95 86.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.611 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013564.D

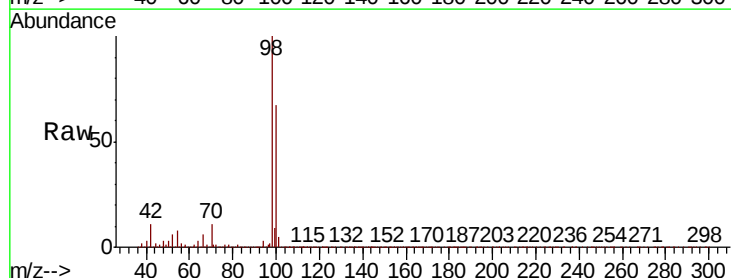
Acq: 23 Nov 2019 03:59

Tgt Ion: 98 Resp: 1209005

Ion Ratio Lower Upper

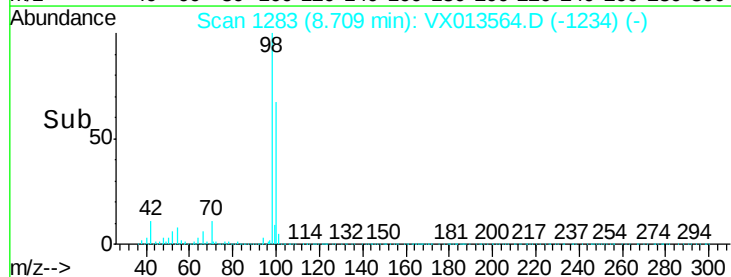
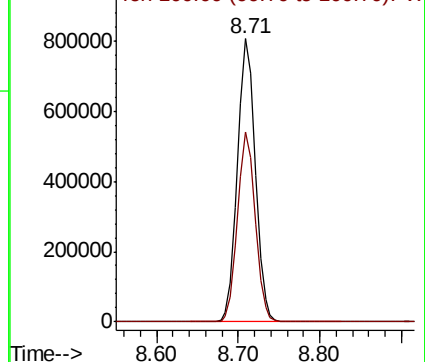
98 100

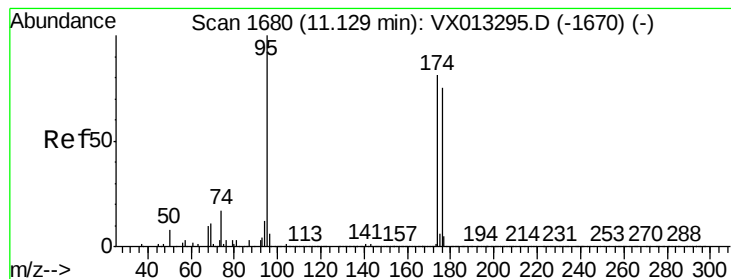
100 66.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.263 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013564.D

Acq: 23 Nov 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20191121

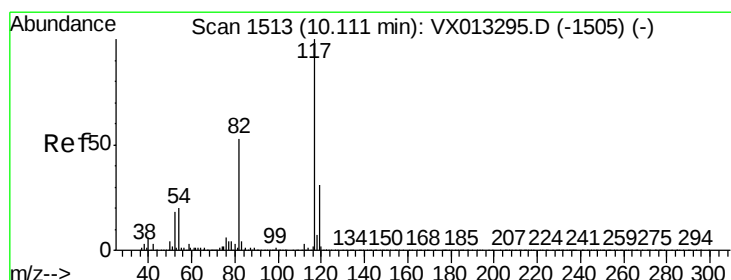
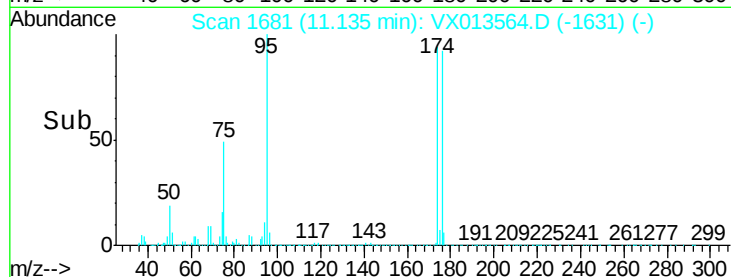
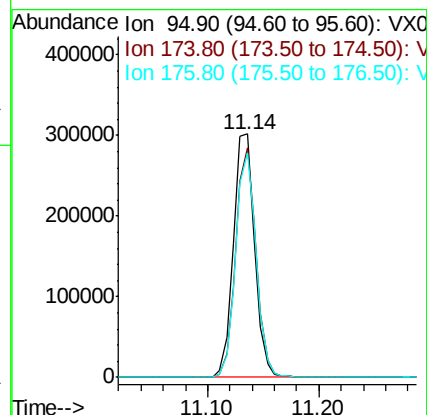
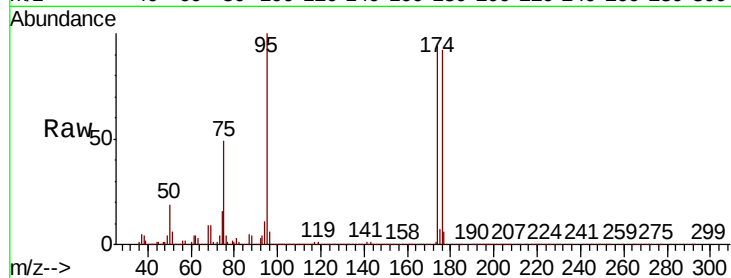
Tot Ion: 95 Resp: 398852

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 88.9 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013564.D

Acq: 23 Nov 2019 03:59

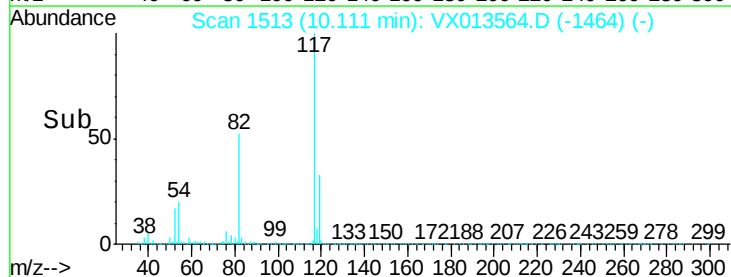
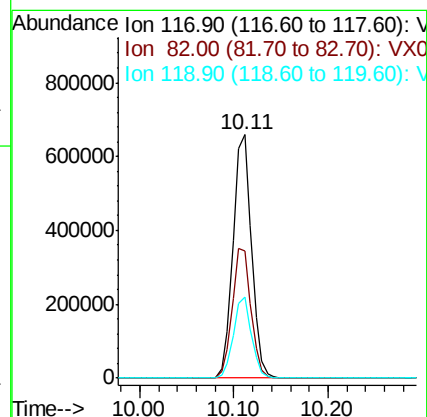
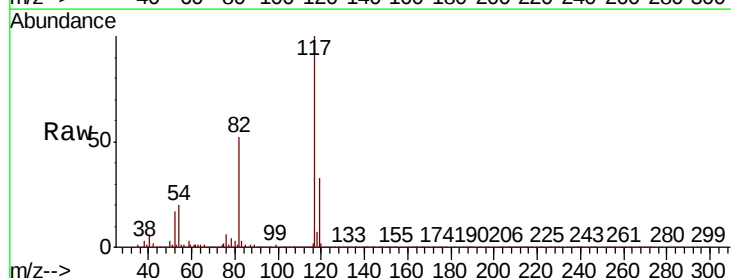
Tgt Ion: 117 Resp: 900020

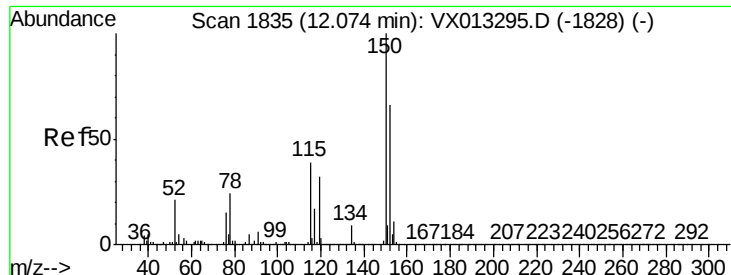
Ion Ratio Lower Upper

117 100

82 52.1 42.6 64.0

119 33.1 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013564.D

Acq: 23 Nov 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20191121

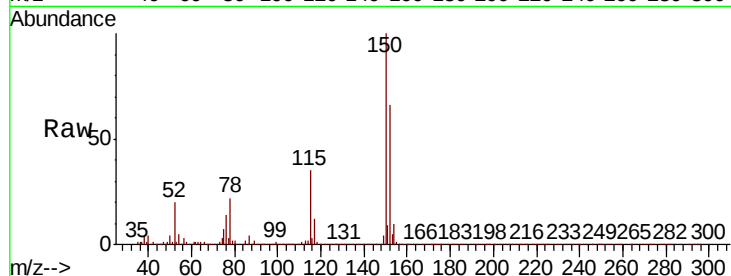
Tot Ion:152 Resp: 417070

Ion Ratio Lower Upper

152 100

115 54.4 39.5 118.3

150 154.0 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

