

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015711.D
 Acq On : 16 Apr 2020 14:52
 Operator : JC/SP
 Sample : L2294-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB5-200413

Quant Time: Apr 17 07:57:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

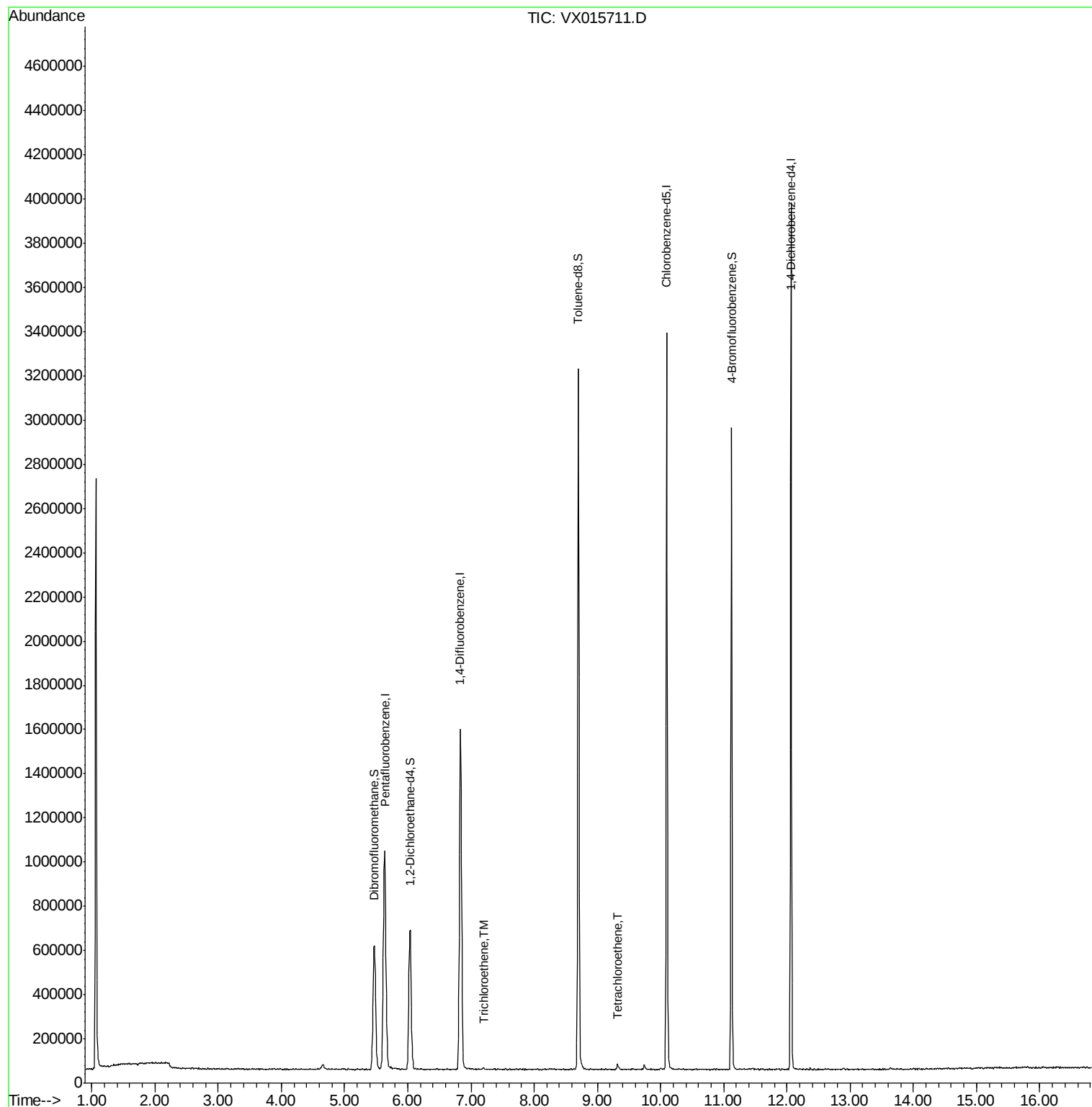
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1018718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1580911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1487914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	793673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	618348	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
35) Dibromofluoromethane	5.47	113	477513	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	8.70	98	1884199	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.12	95	759370	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
Target Compounds						
44) Trichloroethene	7.20	130	3116	0.268	ug/l	70
64) Tetrachloroethene	9.32	164	4859	0.433	ug/l	89

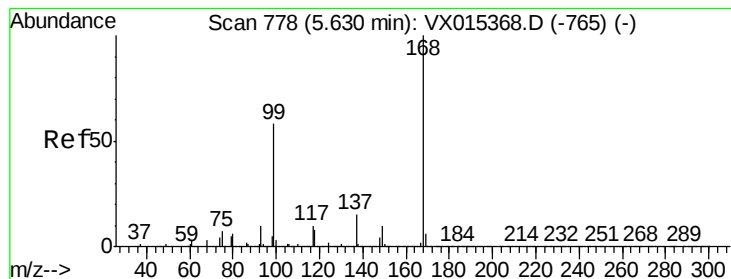
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

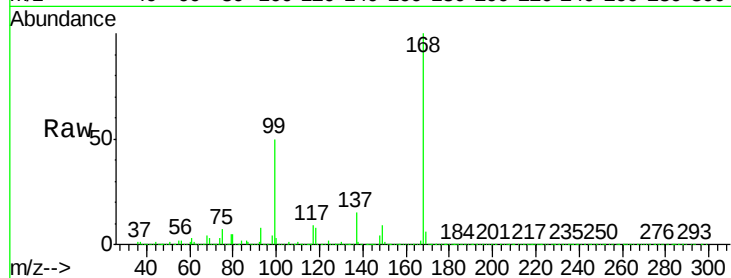
Z3-TB5-200413

Tot Ion:168 Resp: 1018718

Ion Ratio Lower Upper

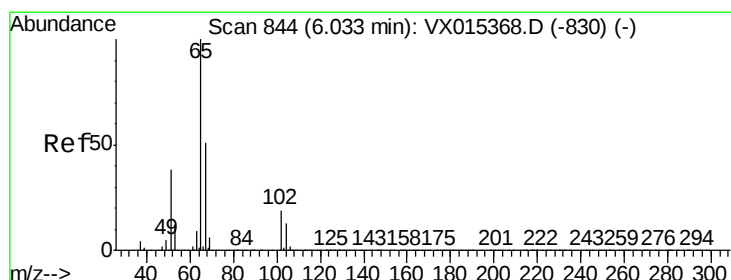
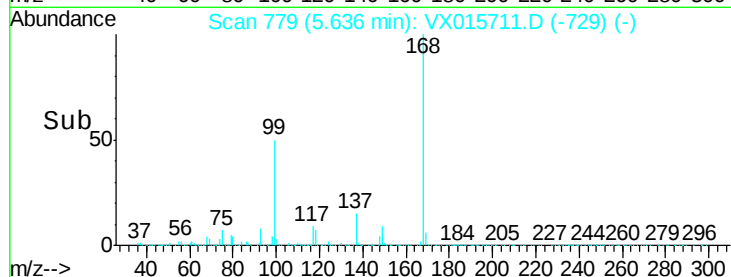
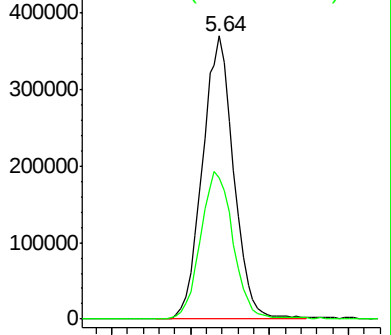
168 100

99 49.9 46.4 69.6



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: 43.037 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015711.D

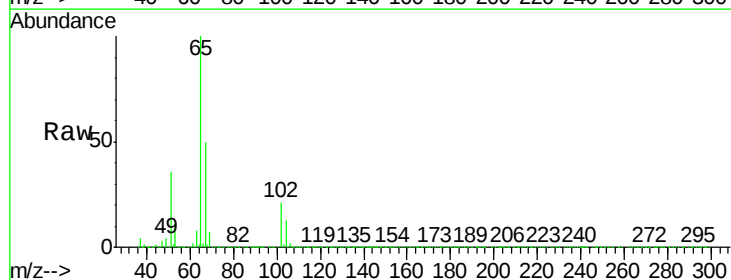
Acq: 16 Apr 2020 14:52

Tgt Ion: 65 Resp: 618348

Ion Ratio Lower Upper

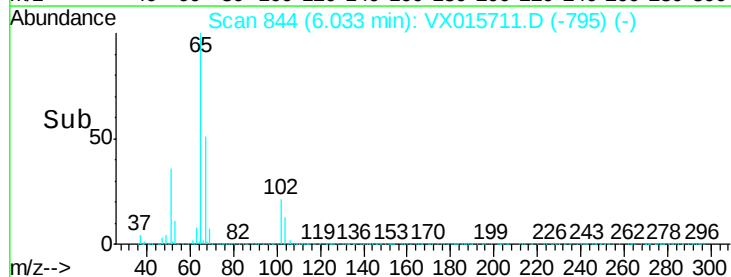
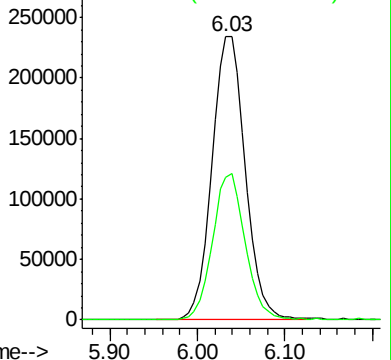
65 100

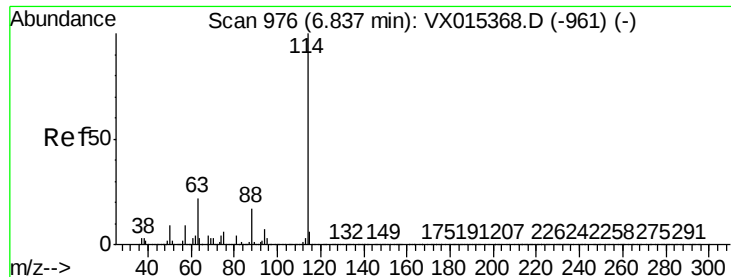
67 50.6 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

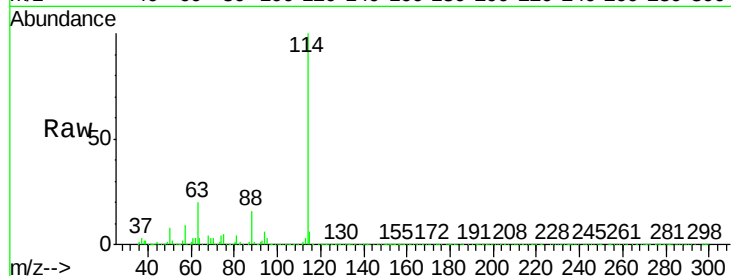
Tot Ion:114 Resp: 1580911

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.2

88 15.7 0.0 33.8



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

800000

6.84

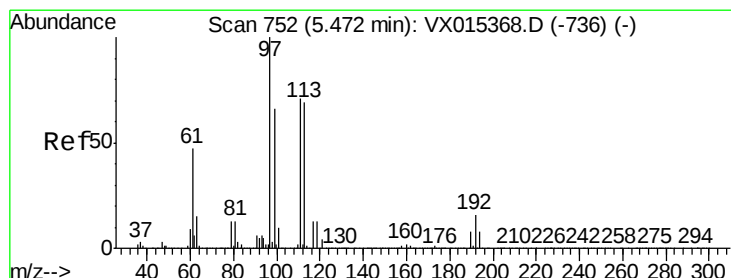
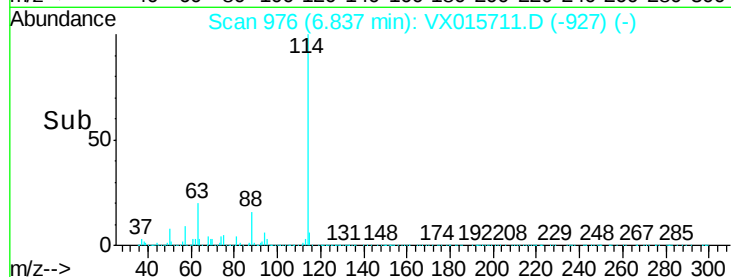
600000

400000

200000

0

Time-->



#35

Dibromofluoromethane

Concen: 47.252 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

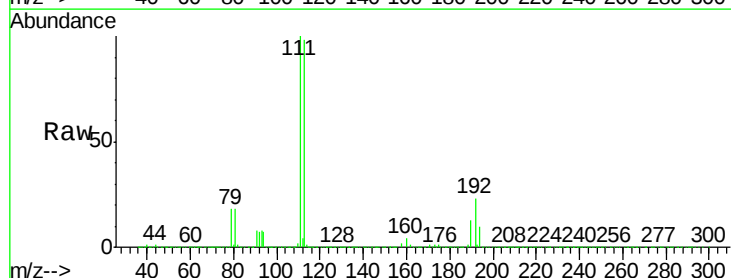
Tgt Ion:113 Resp: 477513

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

192 24.3 17.8 26.6



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

200000

5.47

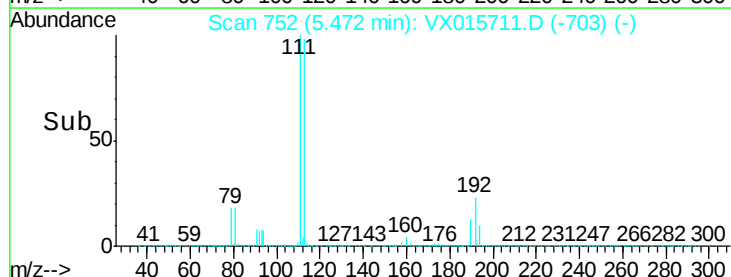
150000

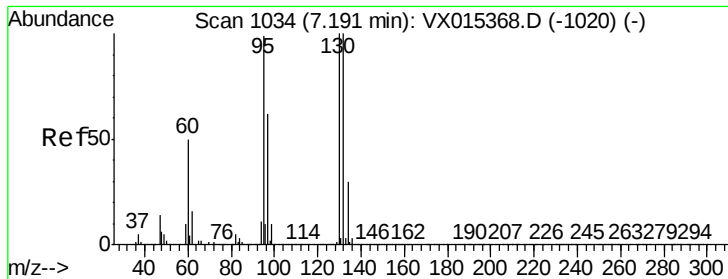
100000

50000

0

Time-->





#44

Trichloroethene

Concen: 0.268 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

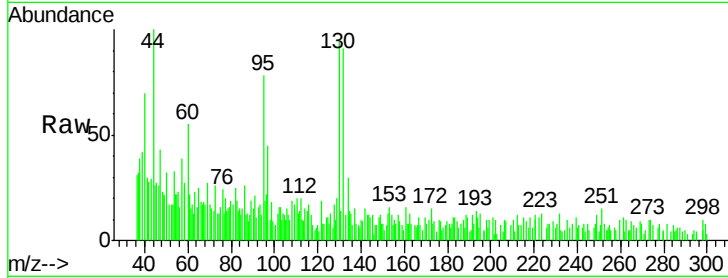
Z3-TB5-200413

Tot Ion:130 Resp: 3116

Ion Ratio Lower Upper

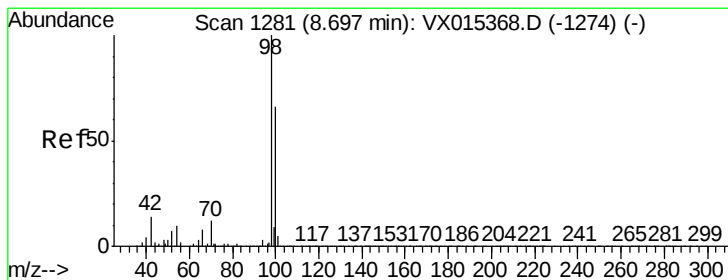
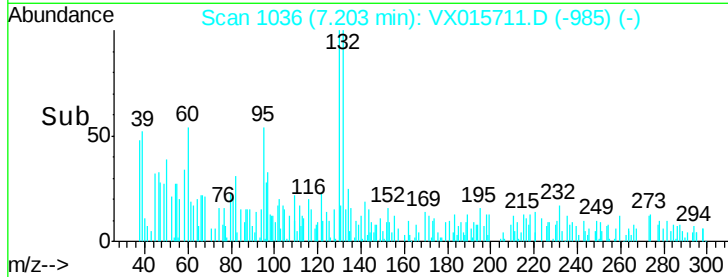
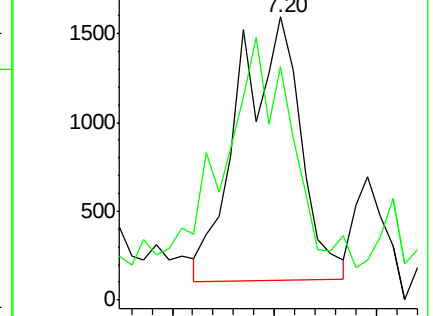
130 100

95 69.3 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.642 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015711.D

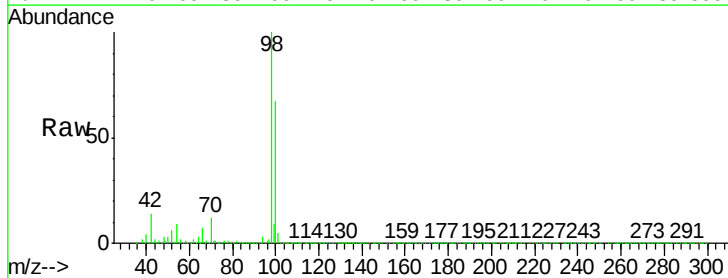
Acq: 16 Apr 2020 14:52

Tgt Ion: 98 Resp: 1884199

Ion Ratio Lower Upper

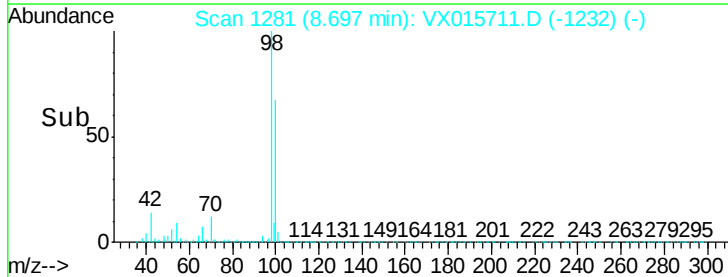
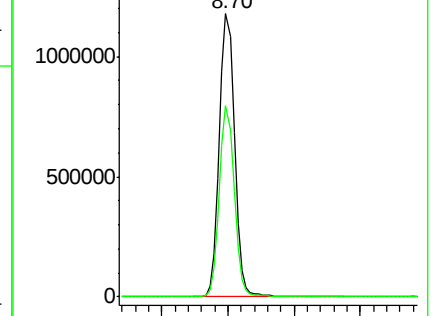
98 100

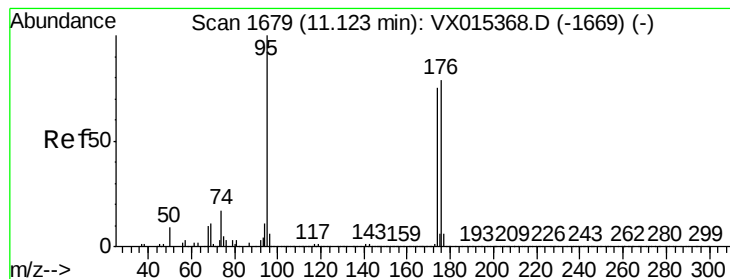
100 66.0 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.221 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

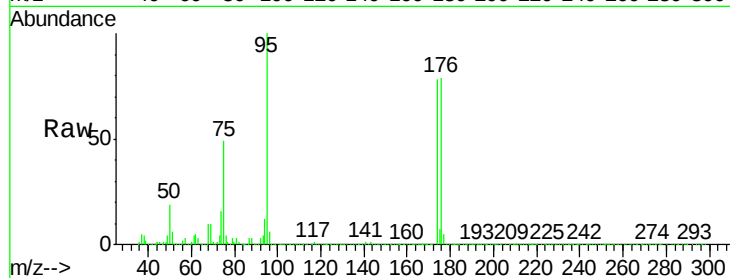
Tot Ion: 95 Resp: 759370

Ion Ratio Lower Upper

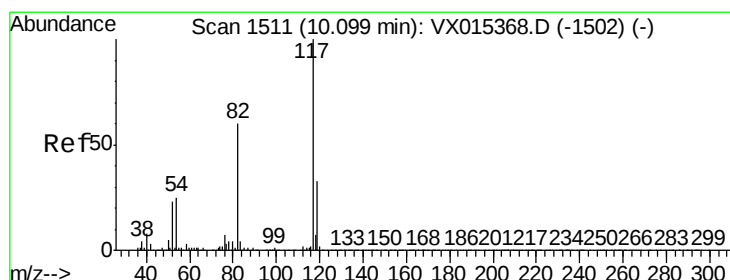
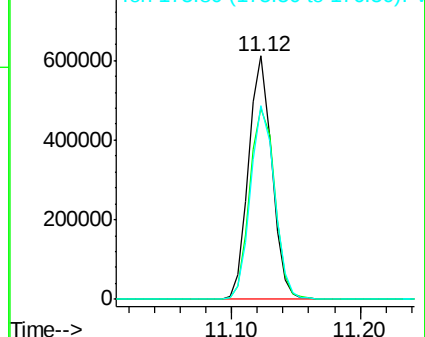
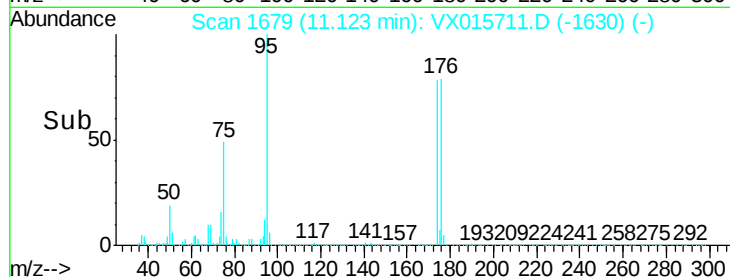
95 100

174 84.6 0.0 158.6

176 82.2 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015711.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

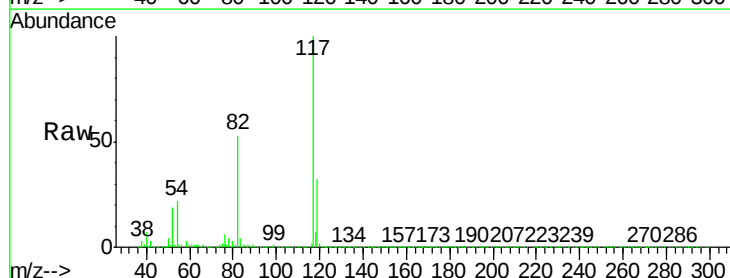
Tgt Ion: 117 Resp: 1487914

Ion Ratio Lower Upper

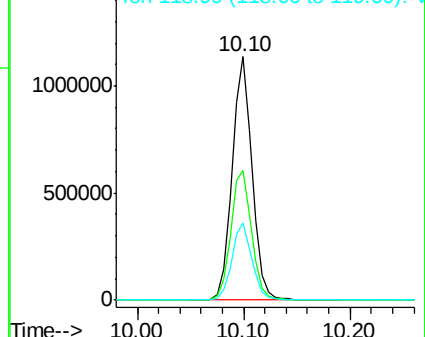
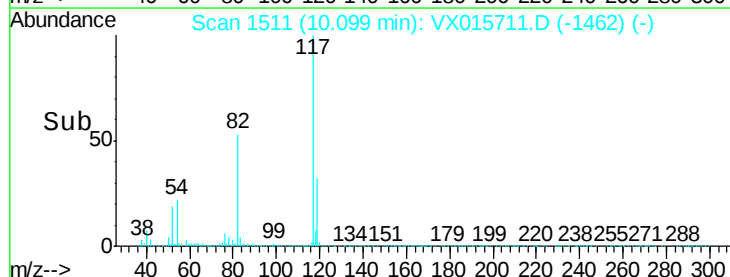
117 100

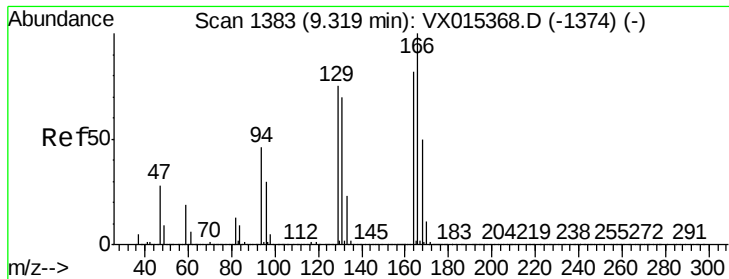
82 53.1 47.8 71.8

119 31.8 26.8 40.2



Abundance Ion 116.90 (116.60 to 117.60): VX015711.D (-1462) (-)





#64

Tetrachloroethene

Concen: 0.433 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB5-200413

Tot Ion:164 Resp: 4859

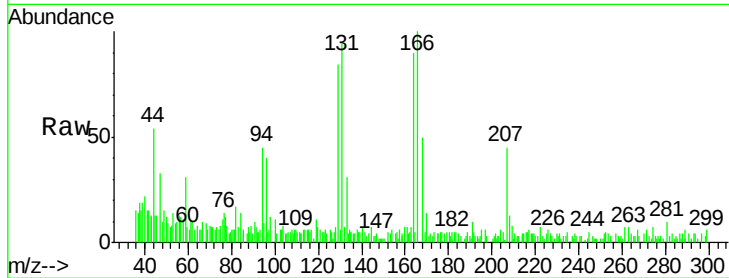
Ion Ratio Lower Upper

164 100

166 108.6 97.8 146.6

129 88.0 73.0 109.4

131 100.5 68.6 103.0

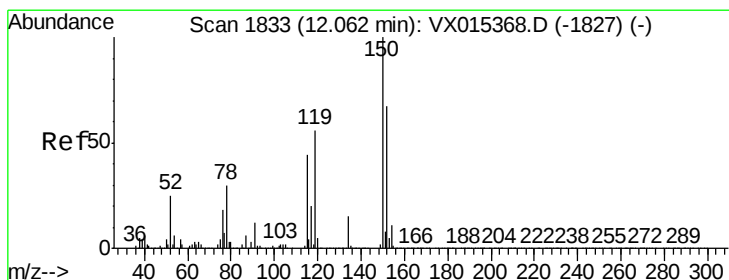
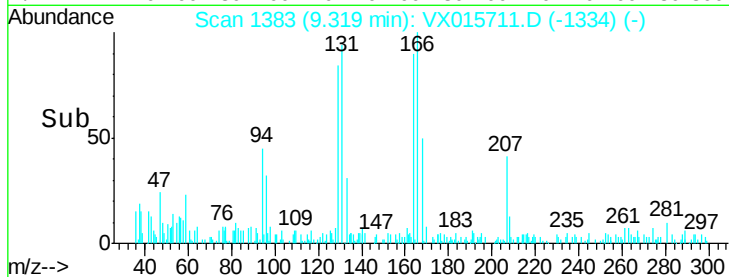
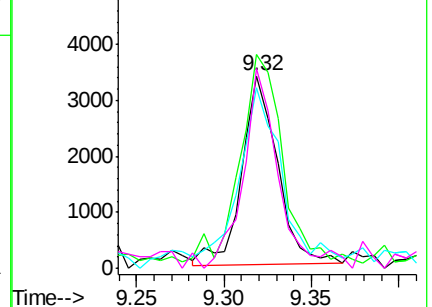


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015711.D

Acq: 16 Apr 2020 14:52

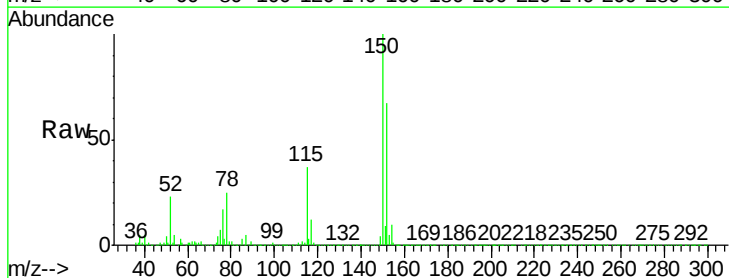
Tgt Ion:152 Resp: 793673

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

150 152.3 0.0 340.8



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

