

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018551.D
 Acq On : 23 Sep 2020 21:45
 Operator : JC/SP
 Sample : L4083-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917

Quant Time: Sep 24 03:25:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

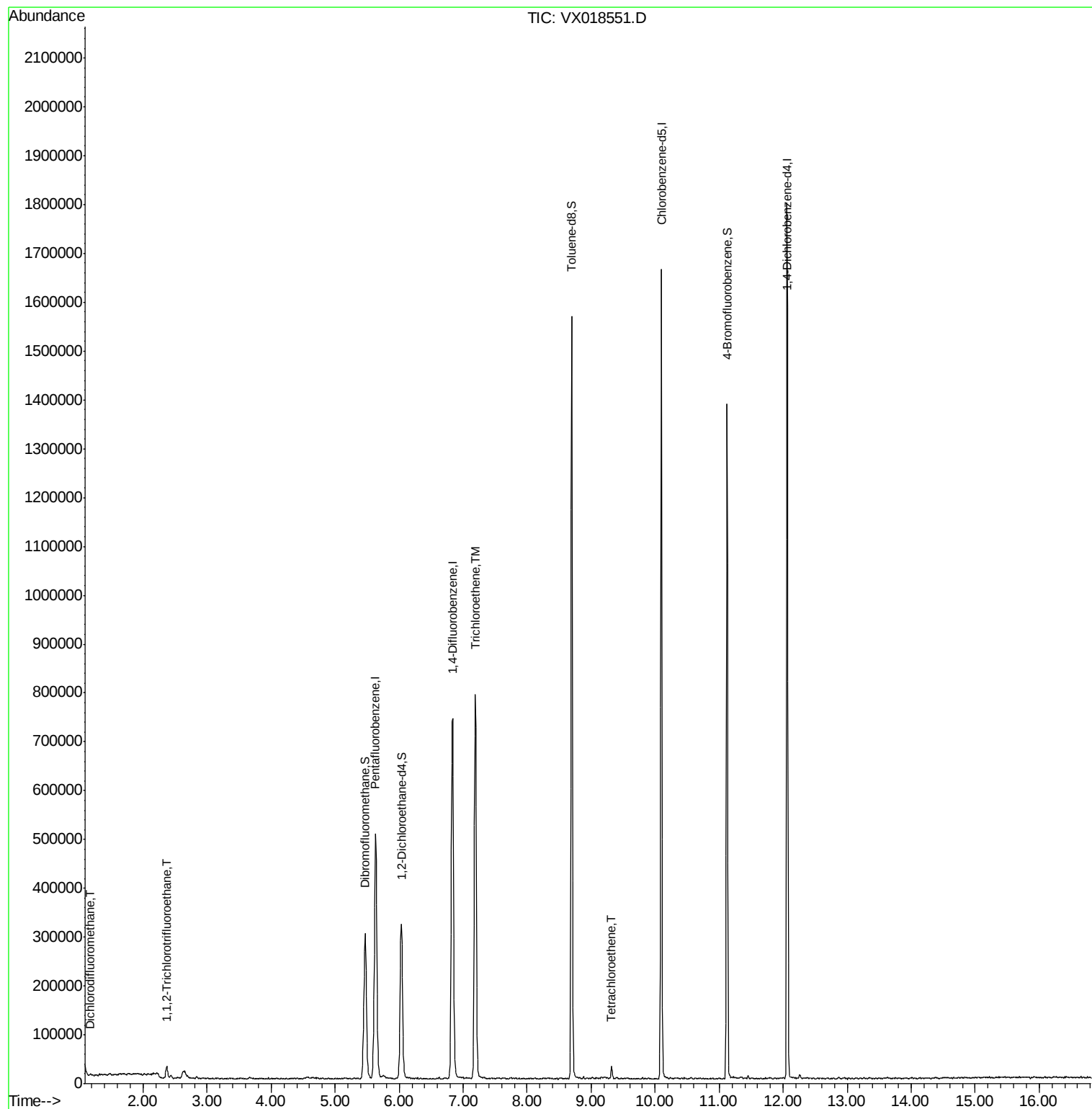
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	457420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	737528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	718246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	325196	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	5.47	113	254351	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	8.70	98	907038	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.12	95	344253	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
2) Dichlorodifluoromethane	1.18	85	1409	0.325	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7948	1.808	ug/l	96
44) Trichloroethene	7.19	130	296990	50.008	ug/l	93
64) Tetrachloroethene	9.32	164	4245	0.751	ug/l #	85

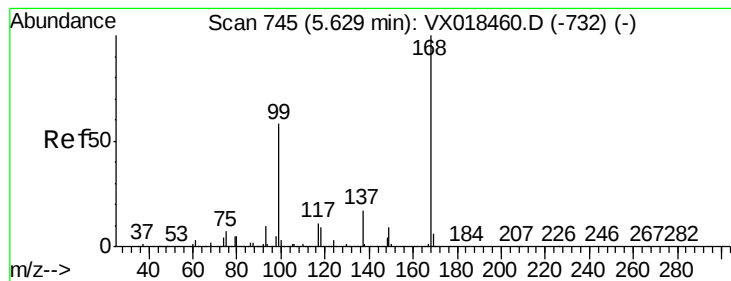
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

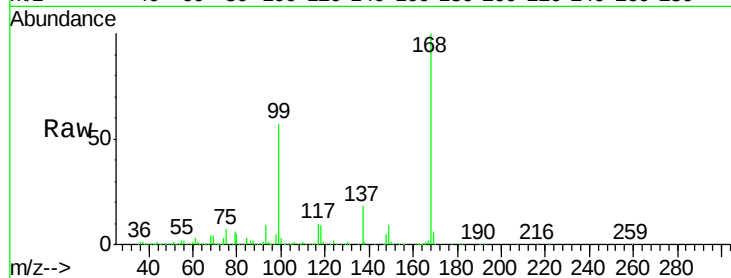
RE109D3-20200917

Tot Ion:168 Resp: 457420

Ion Ratio Lower Upper

168 100

99 57.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

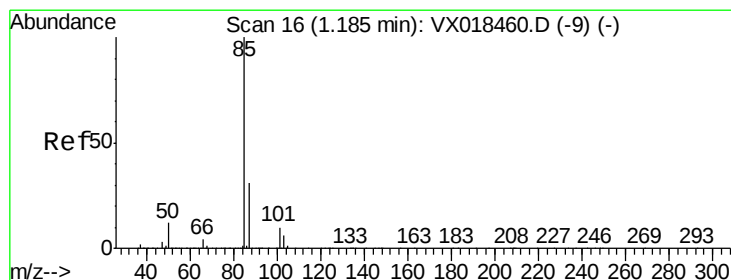
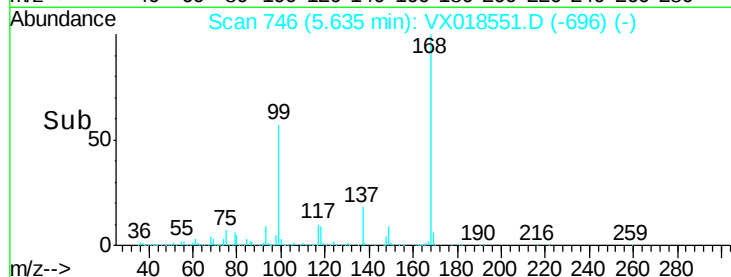
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.325 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018551.D

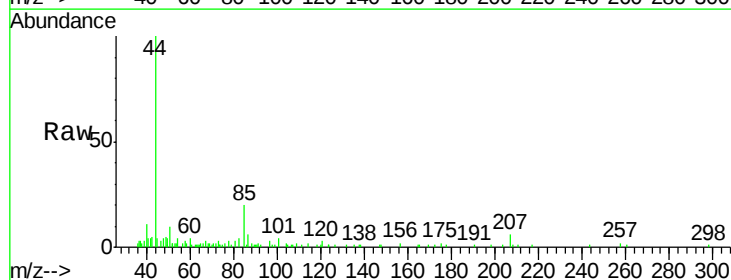
Acq: 23 Sep 2020 21:45

Tgt Ion: 85 Resp: 1409

Ion Ratio Lower Upper

85 100

87 29.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

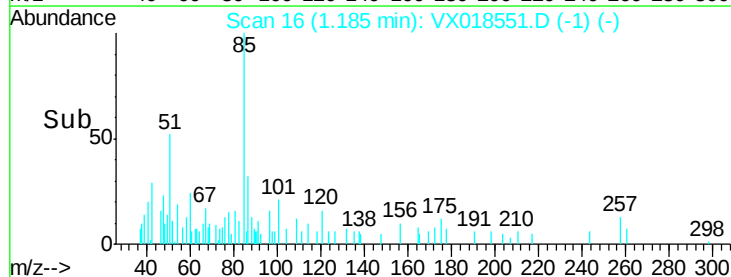
1.18

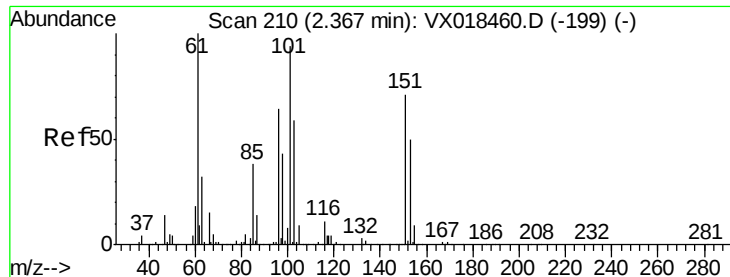
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.808 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917

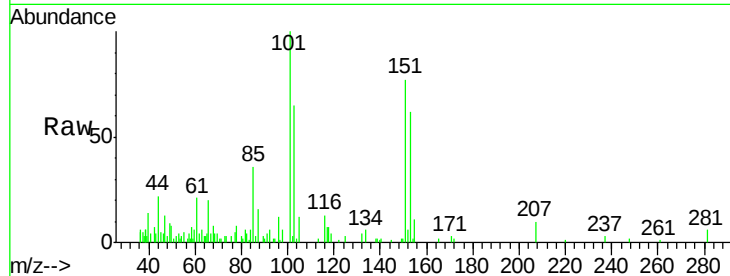
Tot Ion:101 Resp: 7948

Ion Ratio Lower Upper

101 100

85 47.3 34.7 52.1

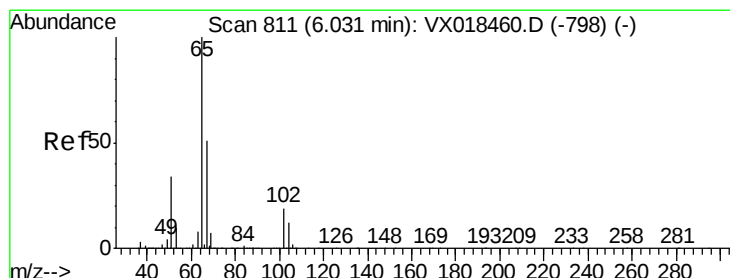
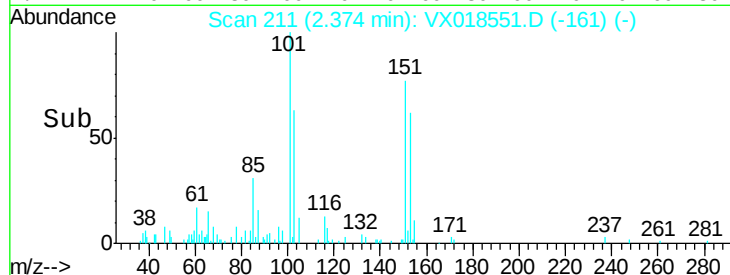
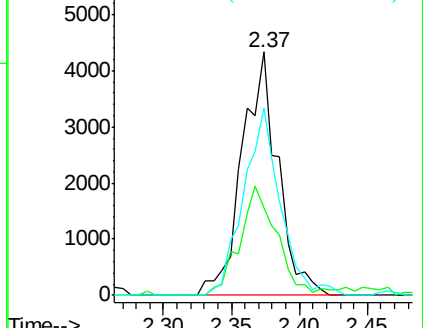
151 79.2 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#33

1,2-Dichloroethane-d4

Concen: 50.255 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018551.D

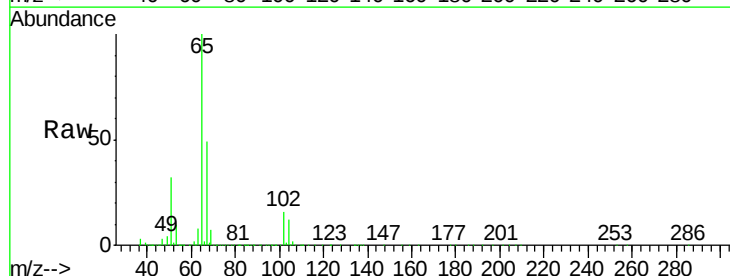
Acq: 23 Sep 2020 21:45

Tgt Ion: 65 Resp: 325196

Ion Ratio Lower Upper

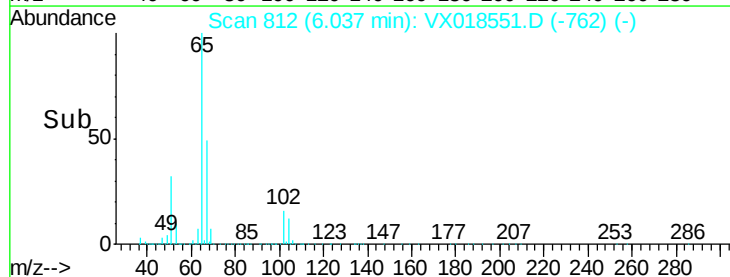
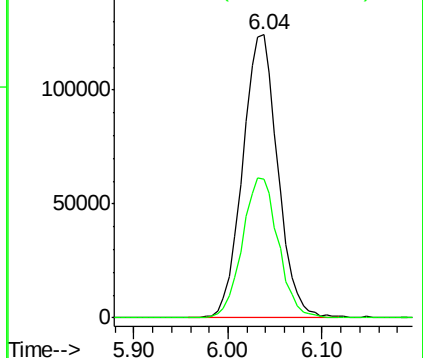
65 100

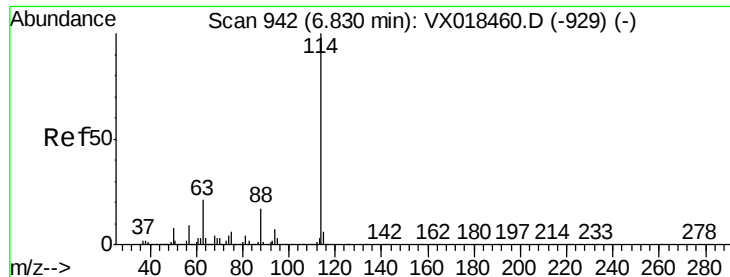
67 50.5 0.0 105.6



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# 943

Delta R.T. 0.01 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917

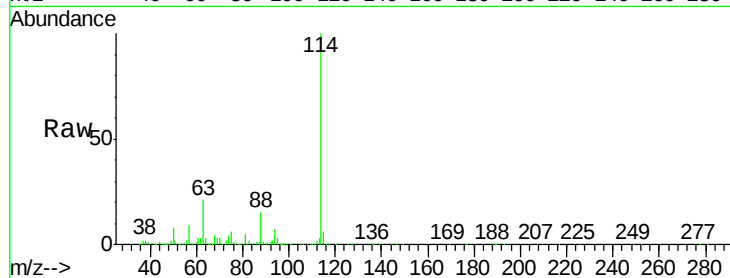
Tot Ion:114 Resp: 737528

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 15.4 0.0 33.6



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

400000

300000

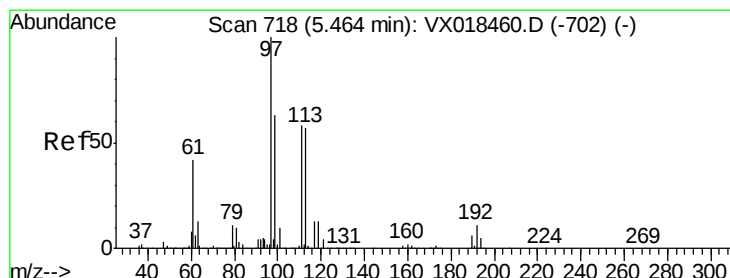
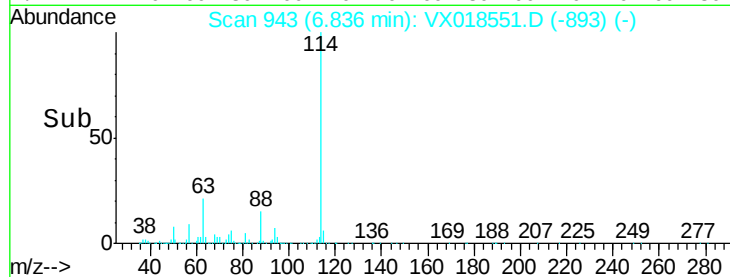
200000

100000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.886 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

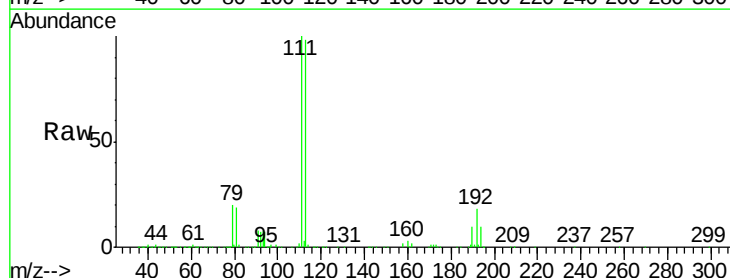
Tgt Ion:113 Resp: 254351

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.2

192 19.6 16.6 24.8



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

120000

100000

80000

60000

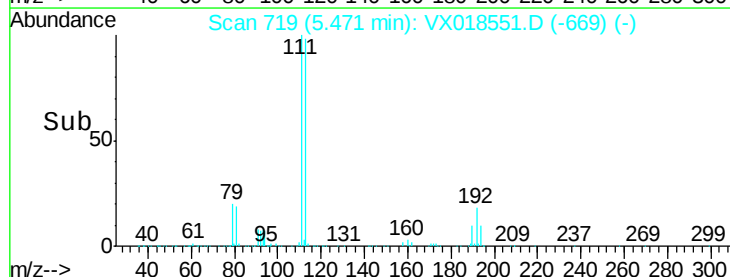
40000

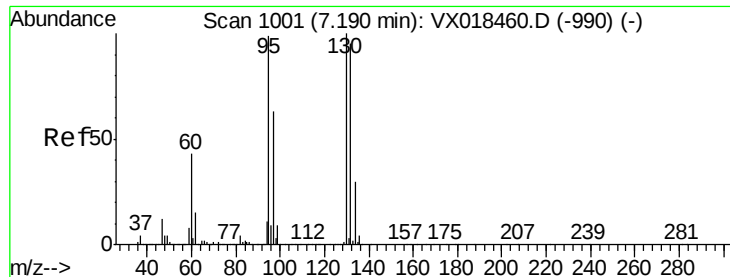
20000

0

5.30 5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 50.008 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

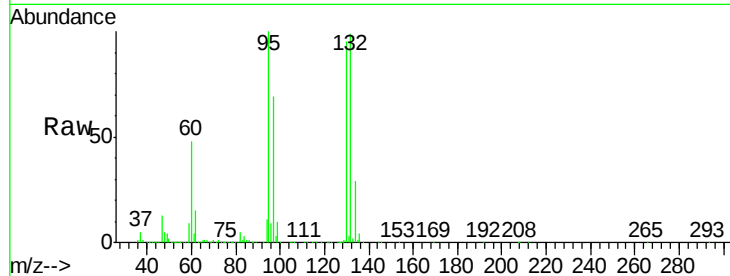
RE109D3-20200917

Tot Ion:130 Resp: 296990

Ion Ratio Lower Upper

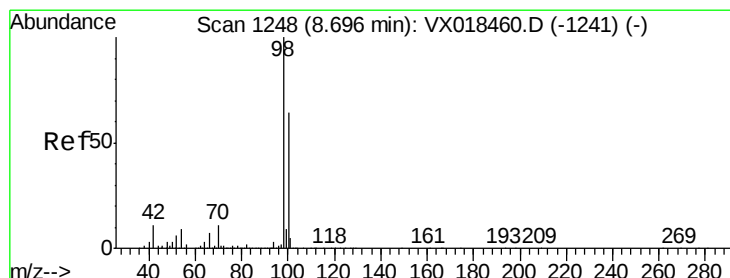
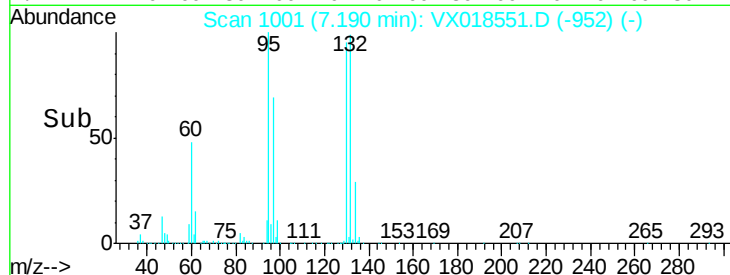
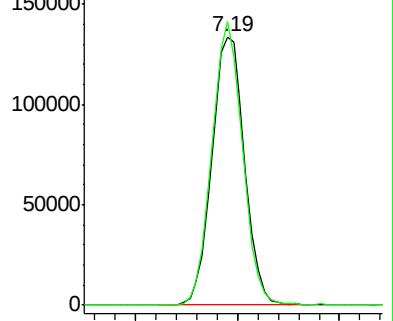
130 100

95 105.4 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.963 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018551.D

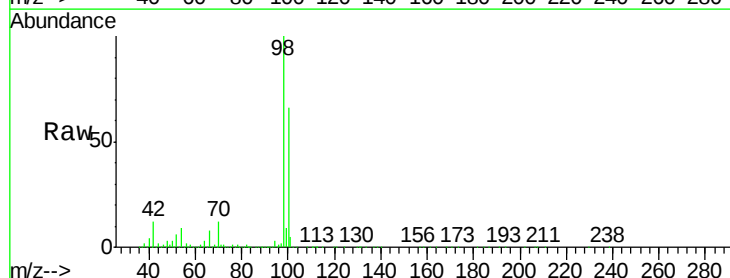
Acq: 23 Sep 2020 21:45

Tgt Ion: 98 Resp: 907038

Ion Ratio Lower Upper

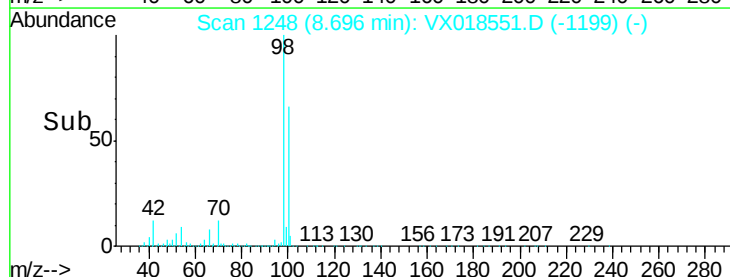
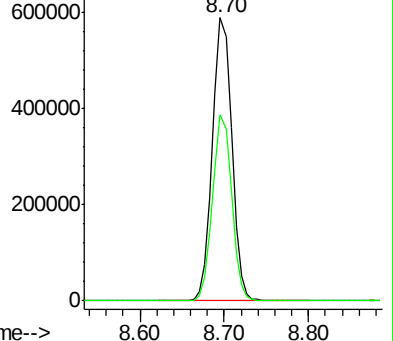
98 100

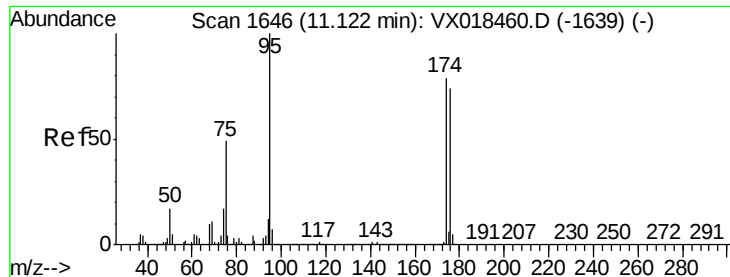
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.717 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917

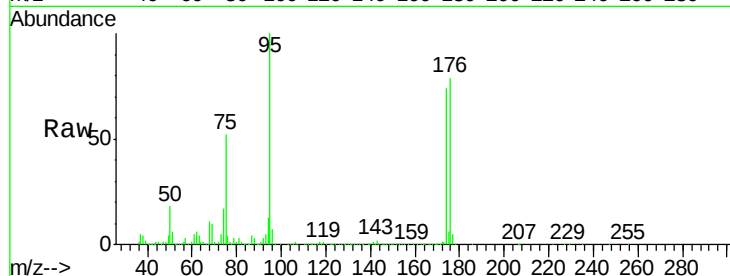
Tot Ion: 95 Resp: 344253

Ion Ratio Lower Upper

95 100

174 78.7 0.0 161.4

176 78.9 0.0 151.4

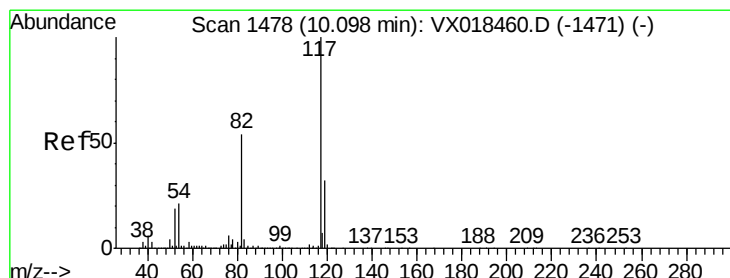
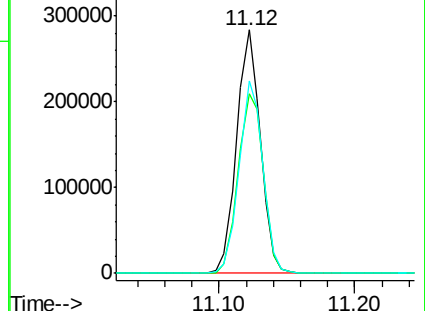
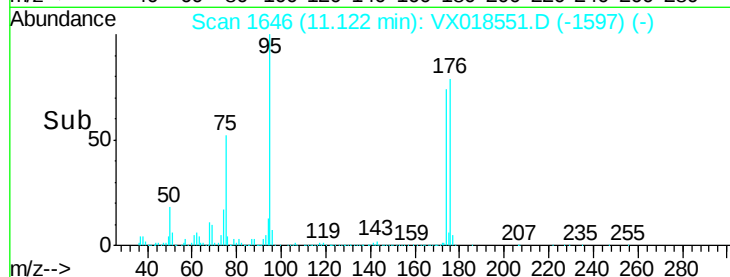


Abundance Ion 94.90 (94.60 to 95.60): VX018460.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018460.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018460.D (-1639) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

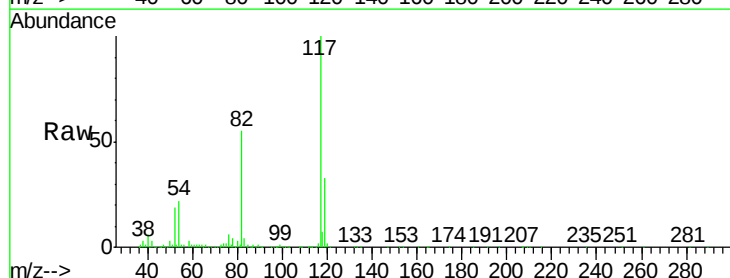
Tgt Ion: 117 Resp: 718246

Ion Ratio Lower Upper

117 100

82 55.2 43.3 64.9

119 33.2 25.9 38.9

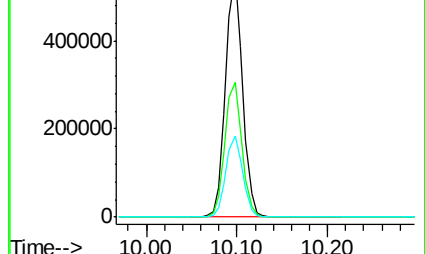
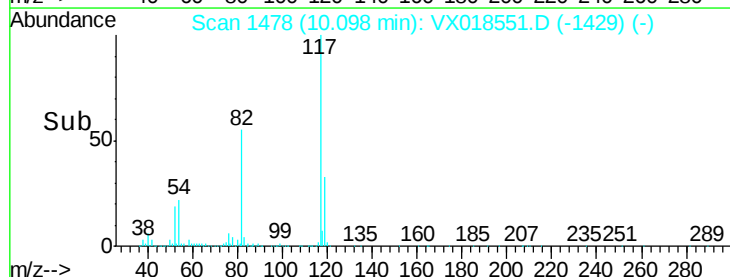


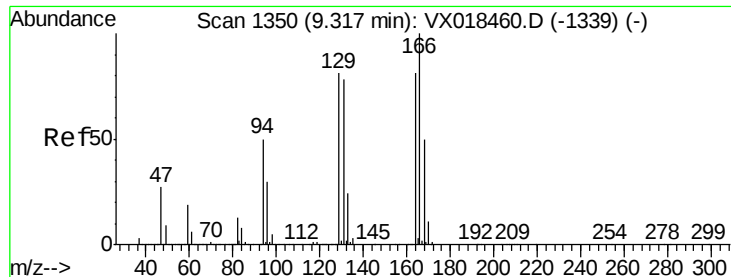
Abundance Ion 116.90 (116.60 to 117.60): VX018460.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX018460.D (-1471) (-)

Ion 118.90 (118.60 to 119.60): VX018460.D (-1471) (-)

Time-->





#64

Tetrachloroethene

Concen: 0.751 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917

Tot Ion:164 Resp: 4245

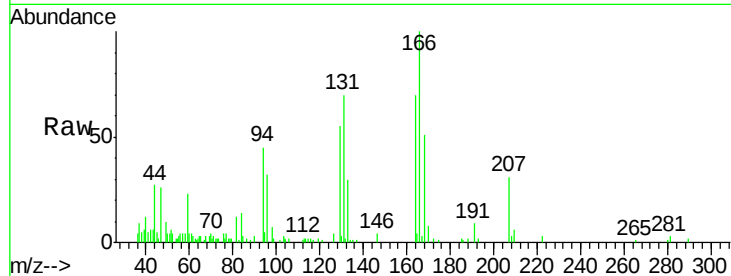
Ion Ratio Lower Upper

164 100

166 143.6 99.3 148.9

129 78.4 80.7 121.1#

131 99.9 77.2 115.8

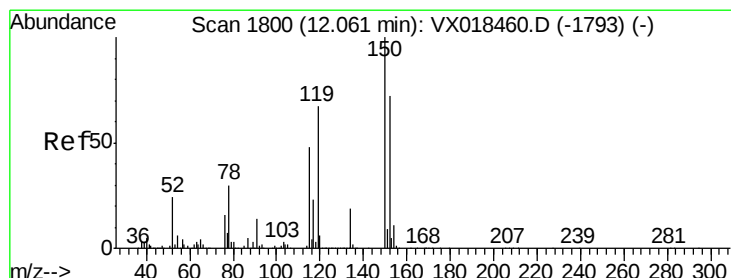
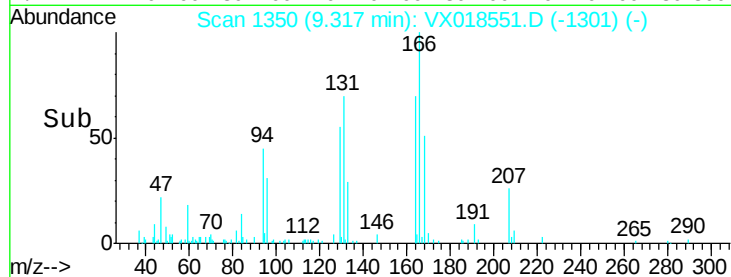
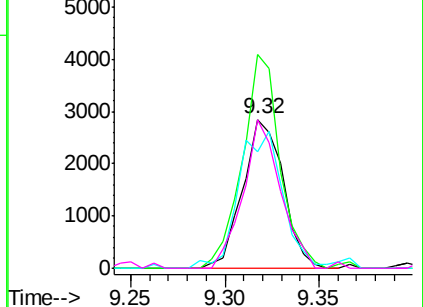


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1800

Delta R.T. 0.00 min

Lab File: VX018551.D

Acq: 23 Sep 2020 21:45

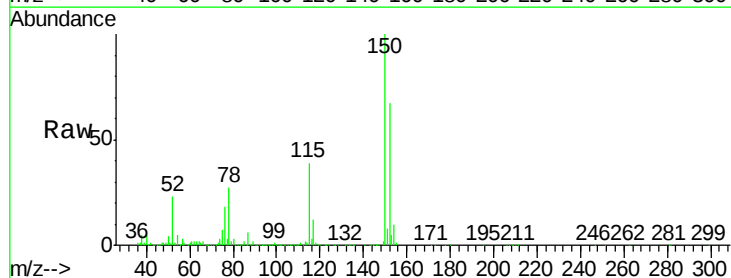
Tgt Ion:152 Resp: 370448

Ion Ratio Lower Upper

152 100

115 57.4 41.8 125.4

150 154.8 0.0 342.4



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

