

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019245.D
 Acq On : 03 Nov 2020 20:02
 Operator : JC/MD
 Sample : L4600-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-17

Quant Time: Nov 04 02:50:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

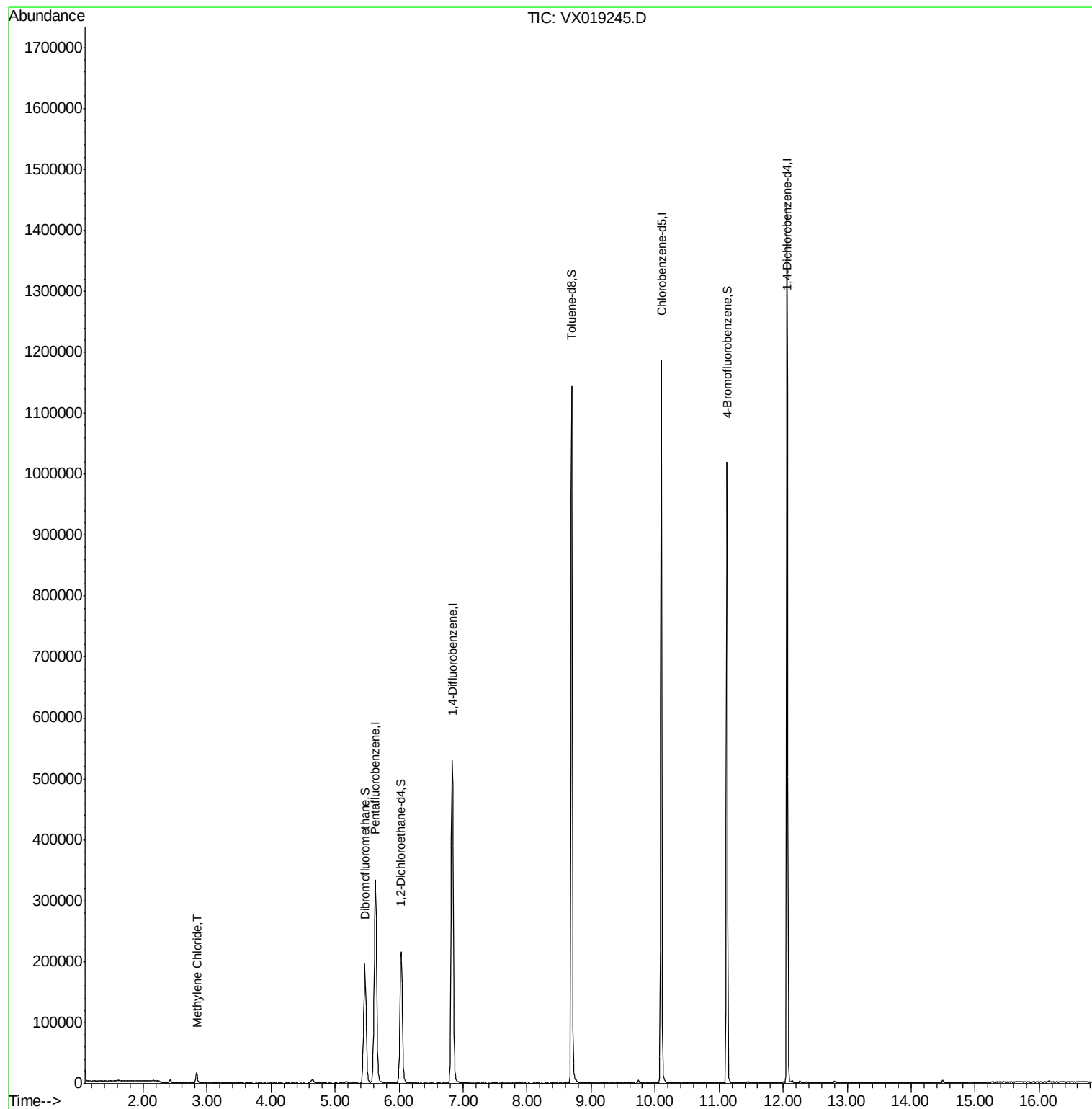
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	544225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	533742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	282759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	208486	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	5.46	113	166793	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.70	98	687210	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.12	95	272693	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
Target Compounds						
20) Methylene Chloride	2.84	84	8562	2.450	ug/l	97

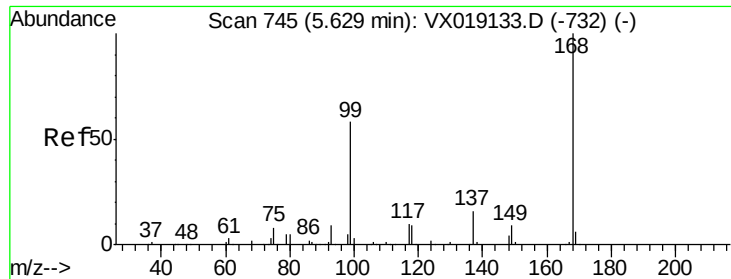
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019245.D

Acq: 03 Nov 2020 20:02

Instrument :

MSVOA_X

ClientSampleId :

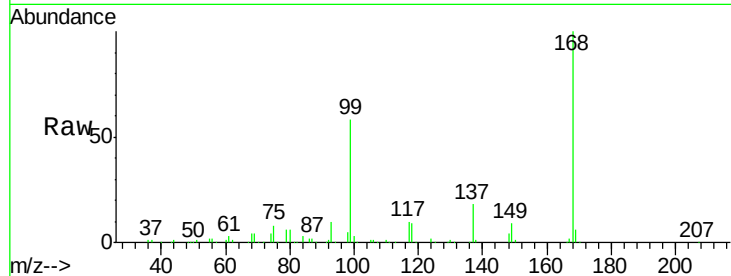
CRT-17

Tot Ion:168 Resp: 312917

Ion Ratio Lower Upper

168 100

99 58.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

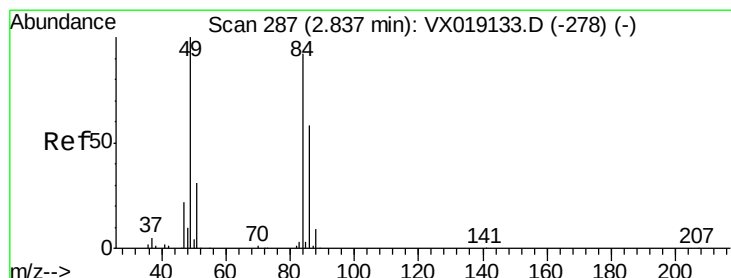
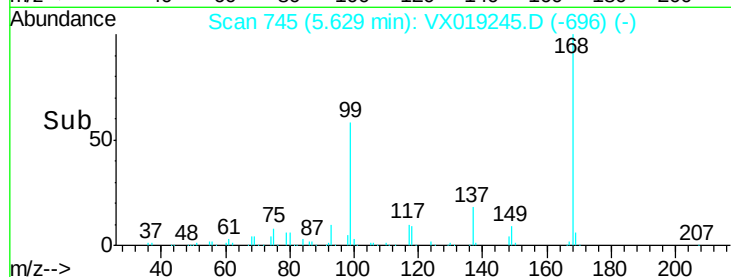
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.450 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX019245.D

Acq: 03 Nov 2020 20:02

Tgt Ion: 84 Resp: 8562

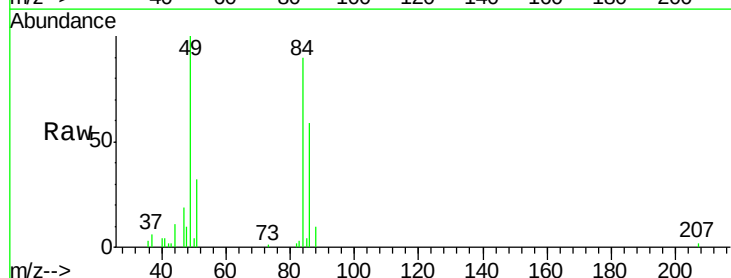
Ion Ratio Lower Upper

84 100

49 111.2 86.8 130.2

51 35.6 27.3 40.9

86 65.8 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

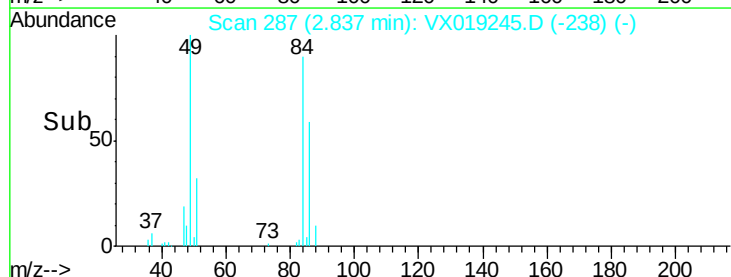
6000

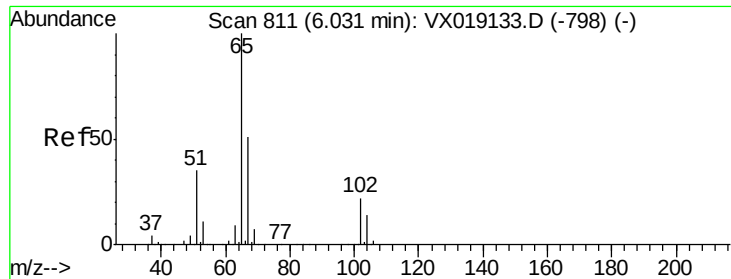
4000

2000

0

Time-->

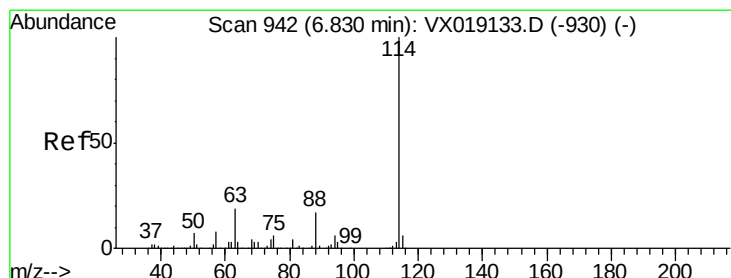
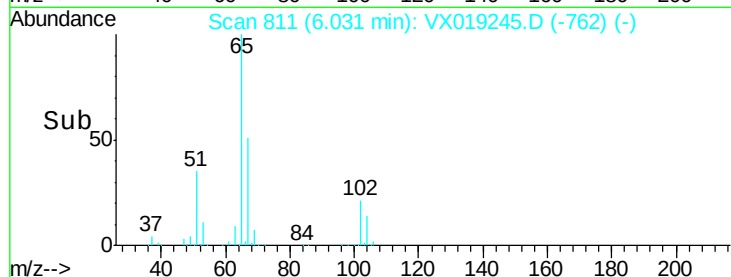
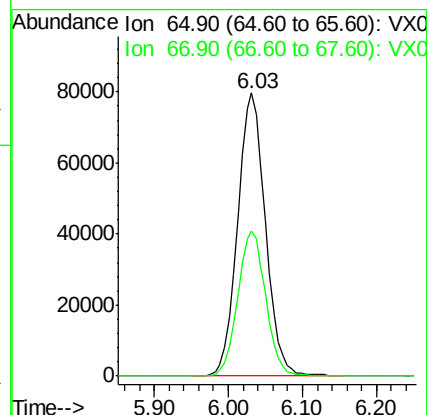
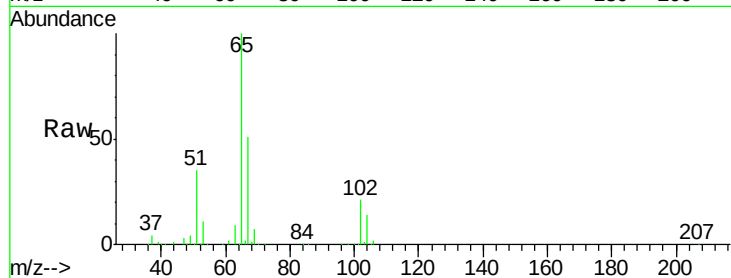




#33
 1,2-Dichloroethane-d4
 Concen: 51.664 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019245.D
 Acq: 03 Nov 2020 20:02

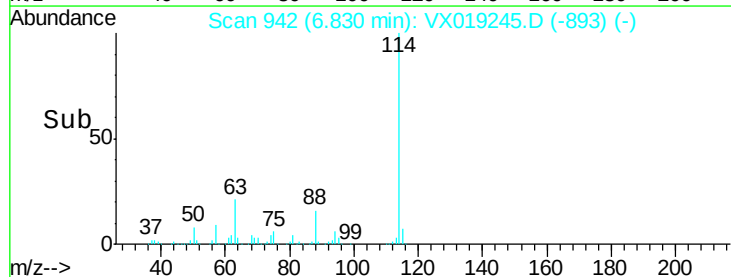
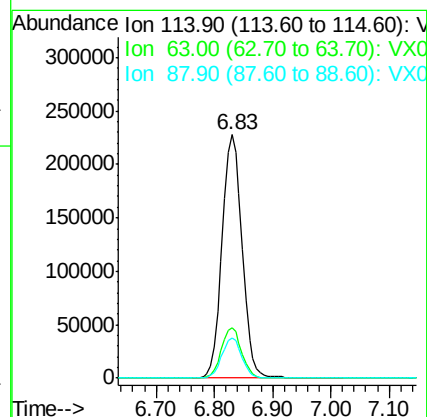
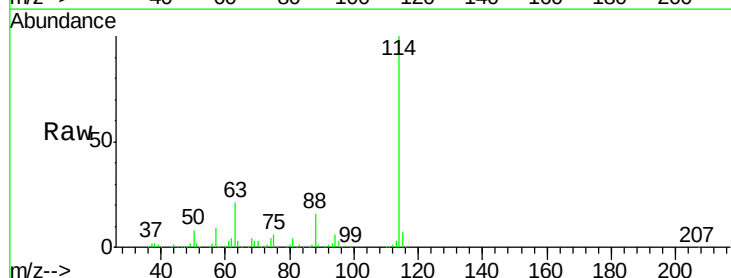
Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-17

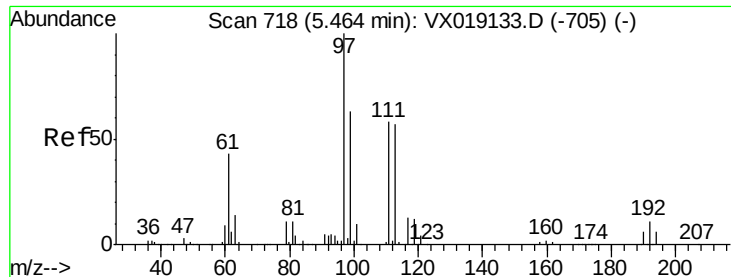
Tot Ion: 65 Resp: 208486
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019245.D
 Acq: 03 Nov 2020 20:02

Tgt Ion: 114 Resp: 544225
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.8
 88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.792 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019245.D

Acq: 03 Nov 2020 20:02

Instrument :

MSVOA_X

ClientSampleId :

CRT-17

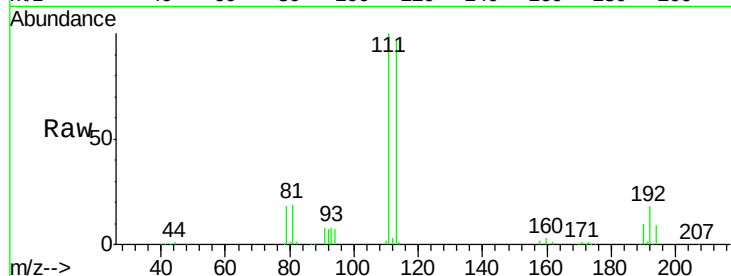
Tot Ion:113 Resp: 166793

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

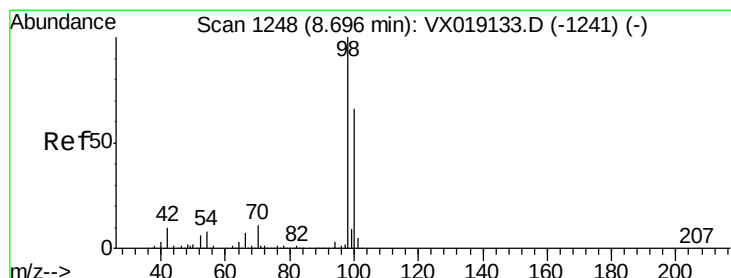
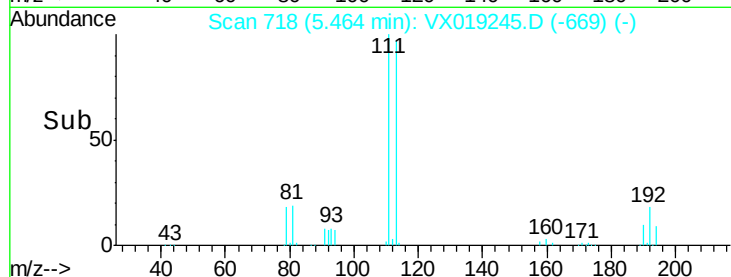
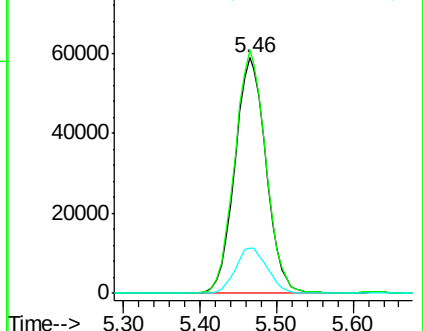
192 19.6 16.2 24.2



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



#50

Toluene-d8

Concen: 53.328 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019245.D

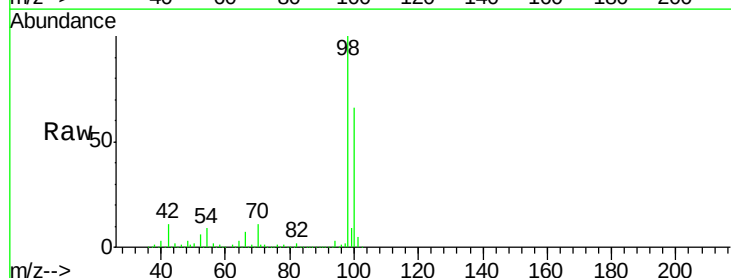
Acq: 03 Nov 2020 20:02

Tgt Ion: 98 Resp: 687210

Ion Ratio Lower Upper

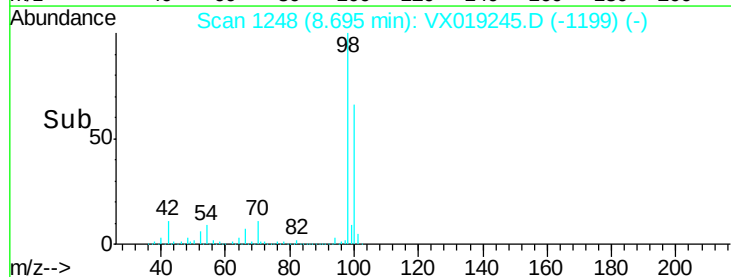
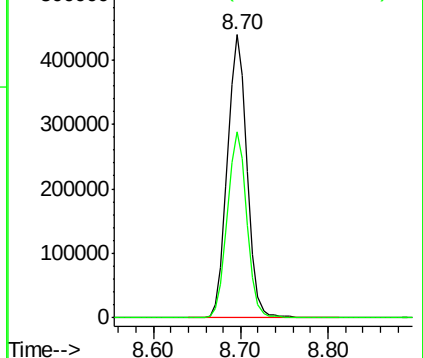
98 100

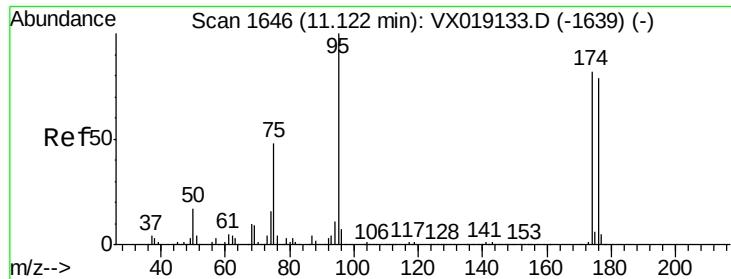
100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

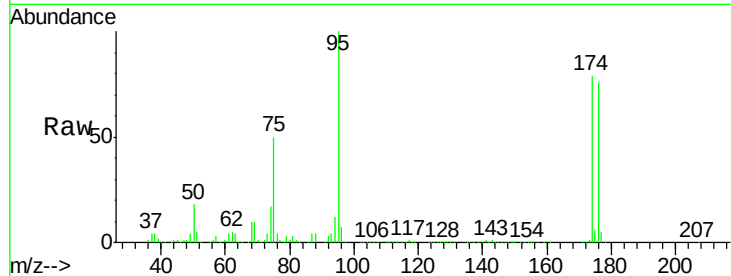




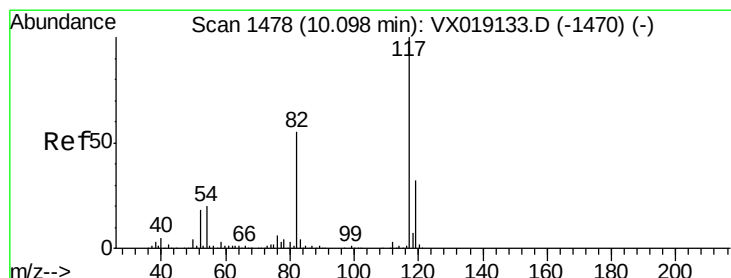
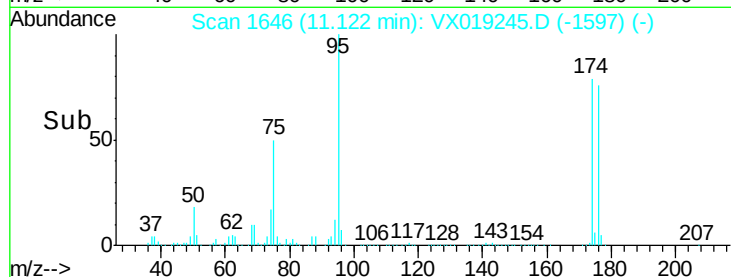
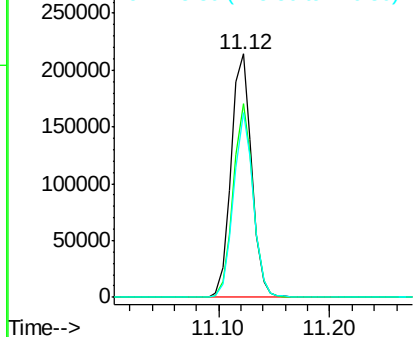
#62
4-Bromofluorobenzene
Concen: 55.878 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019245.D
Acq: 03 Nov 2020 20:02

Instrument :
MSVOA_X
ClientSampleId :
CRT-17

Tot Ion: 95 Resp: 272693
Ion Ratio Lower Upper
95 100
174 76.9 0.0 156.0
176 73.2 0.0 149.8

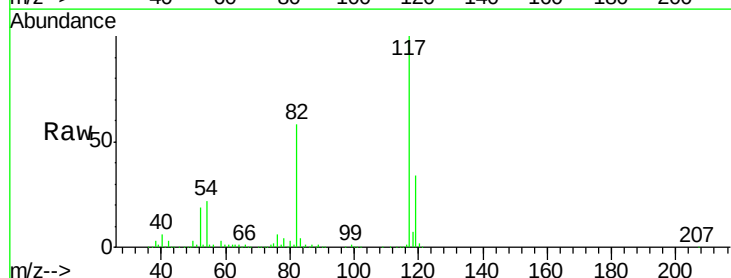


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

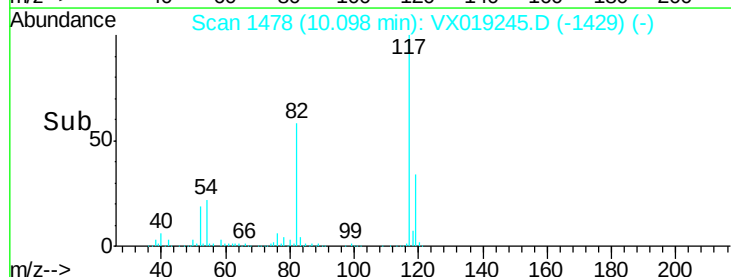
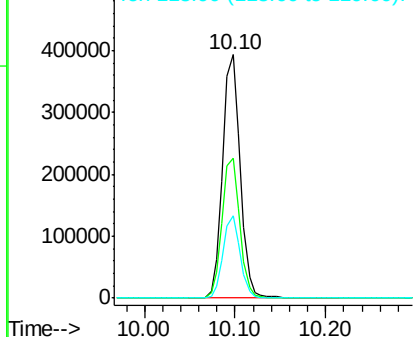


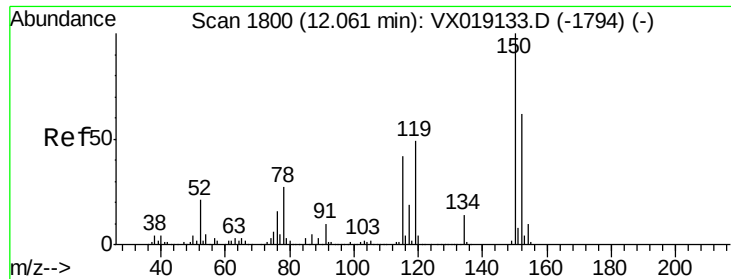
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019245.D
Acq: 03 Nov 2020 20:02

Tgt Ion: 117 Resp: 533742
Ion Ratio Lower Upper
117 100
82 57.6 43.6 65.4
119 33.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): 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: VX019245.D

Acq: 03 Nov 2020 20:02

Instrument :

MSVOA_X

ClientSampleId :

CRT-17

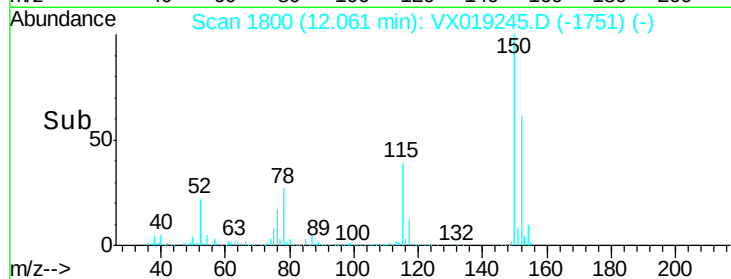
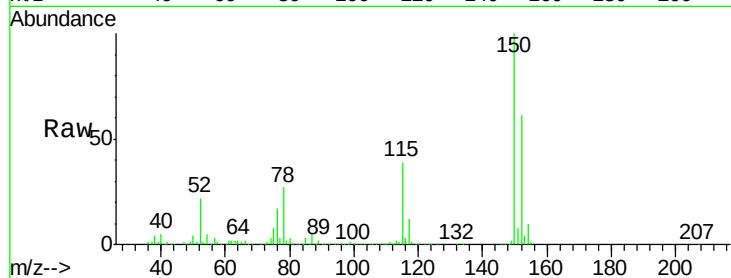
Tot Ion:152 Resp: 282759

Ion Ratio Lower Upper

152 100

115 61.2 41.9 125.7

150 158.6 0.0 347.8



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

