

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018915.D
 Acq On : 12 Oct 2020 19:46
 Operator : JC/SP
 Sample : PB132255ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#07

Quant Time: Oct 13 05:04:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

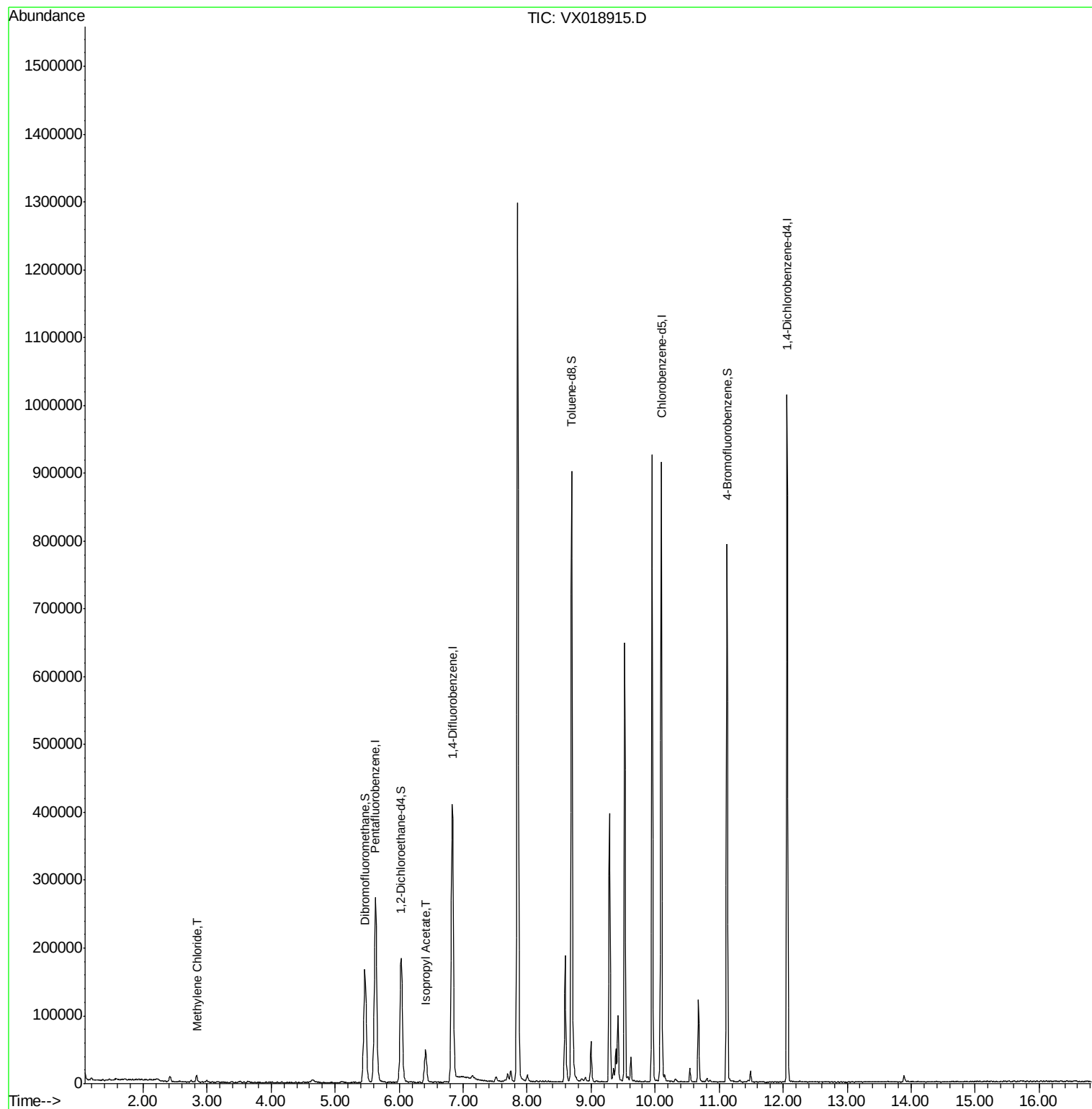
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	250584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	392527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	186486	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	5.46	113	141850	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	8.70	98	518161	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	11.12	95	190626	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
Target Compounds						
20) Methylene Chloride	2.83	84	4397	2.155	ug/l	89
43) Isopropyl Acetate	6.42	43	63557	9.596	ug/l	99

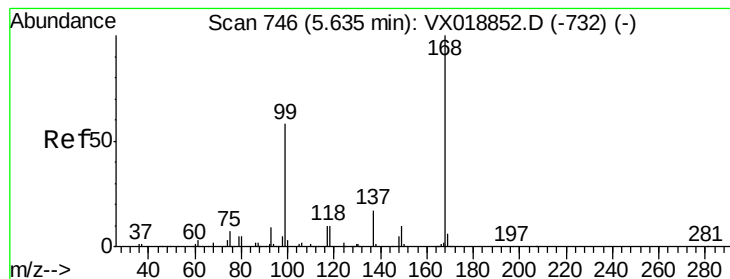
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018915.D

Acq: 12 Oct 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

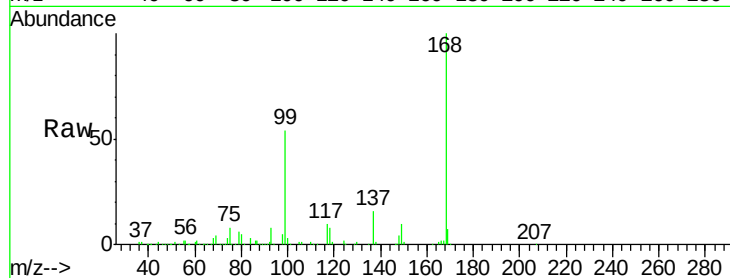
PB132255ZHE#07

Tot Ion:168 Resp: 250584

Ion Ratio Lower Upper

168 100

99 54.2 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

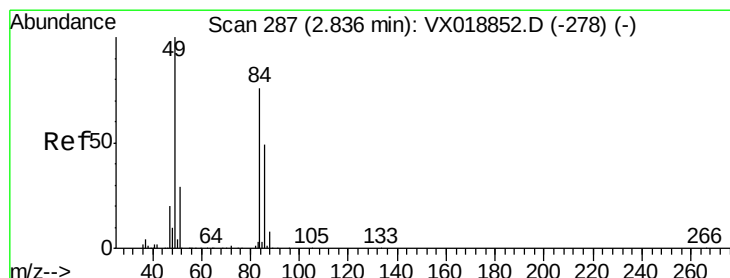
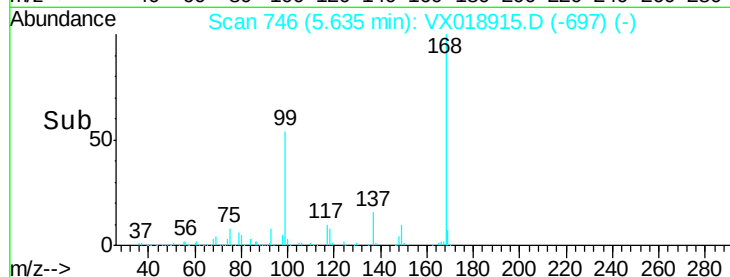
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.155 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018915.D

Acq: 12 Oct 2020 19:46

Tgt Ion: 84 Resp: 4397

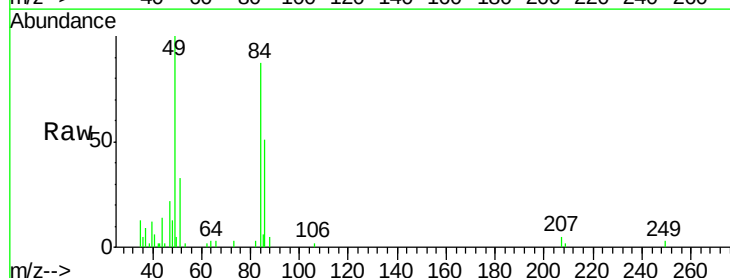
Ion Ratio Lower Upper

84 100

49 114.4 104.8 157.2

51 34.6 30.6 46.0

86 58.1 50.8 76.2



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

4000

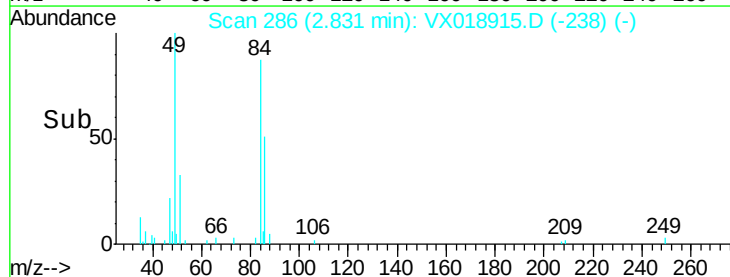
3000

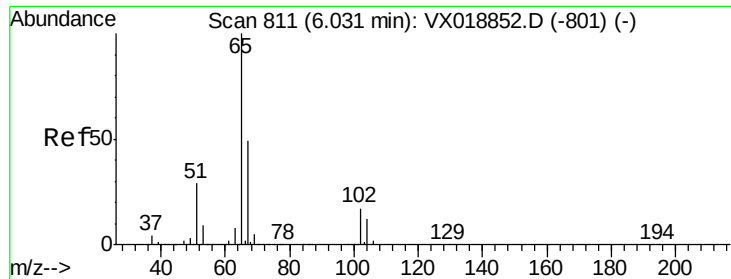
2000

1000

0

Time-->

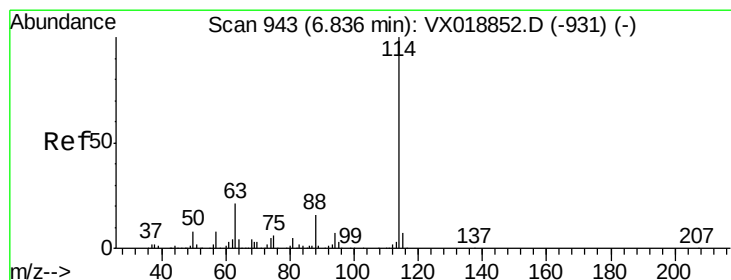
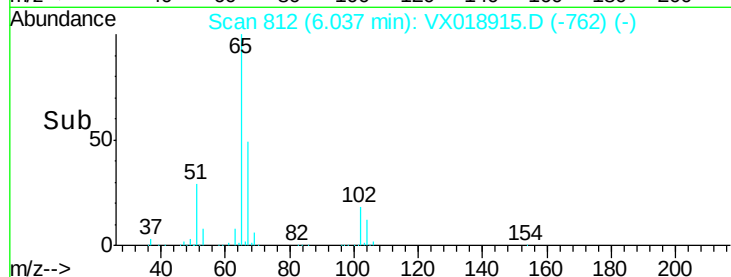
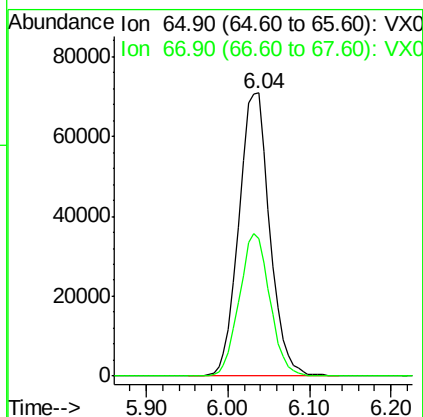
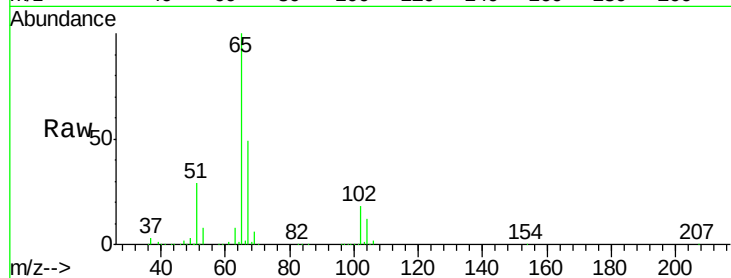




#33
 1,2-Dichloroethane-d4
 Concen: 50.458 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018915.D
 Acq: 12 Oct 2020 19:46

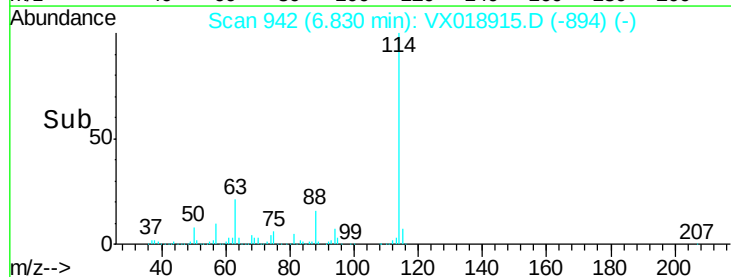
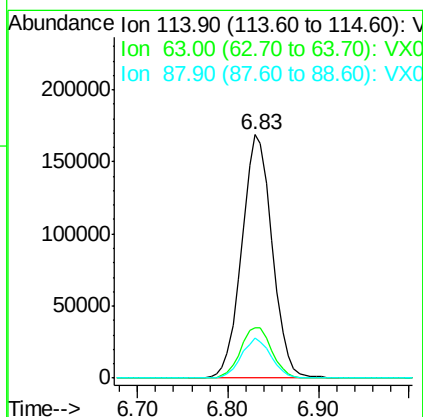
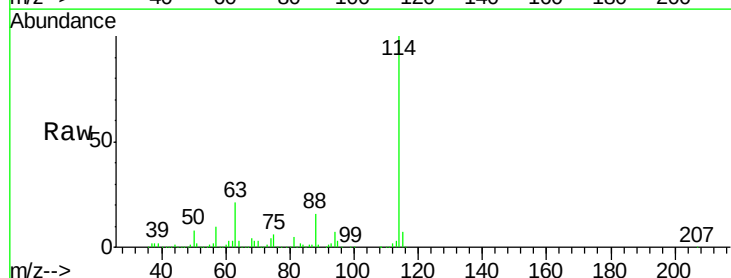
Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#07

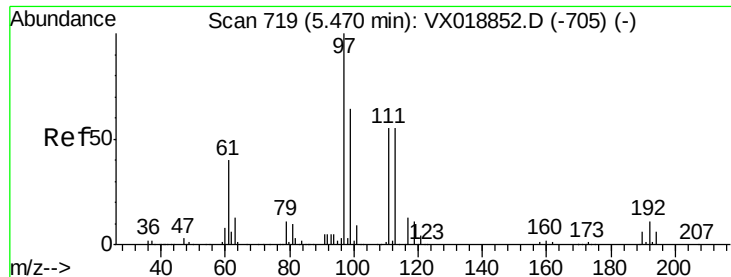
Tot Ion: 65 Resp: 186486
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018915.D
 Acq: 12 Oct 2020 19:46

Tgt Ion: 114 Resp: 392527
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 16.4 0.0 32.6

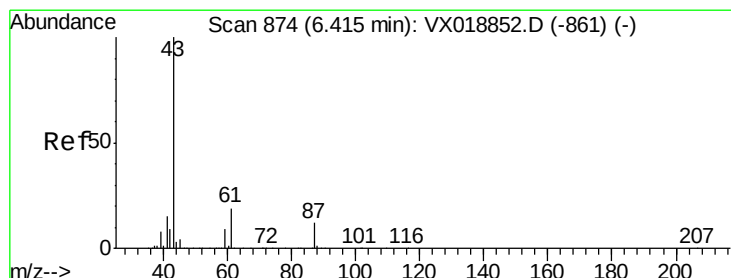
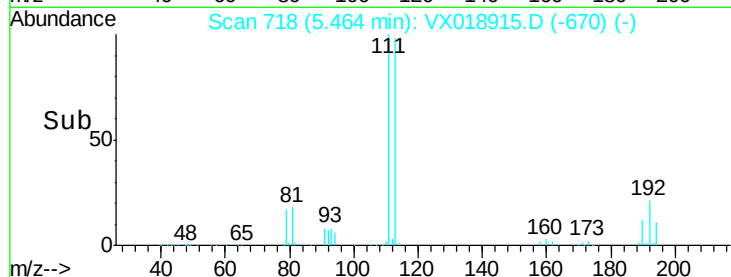
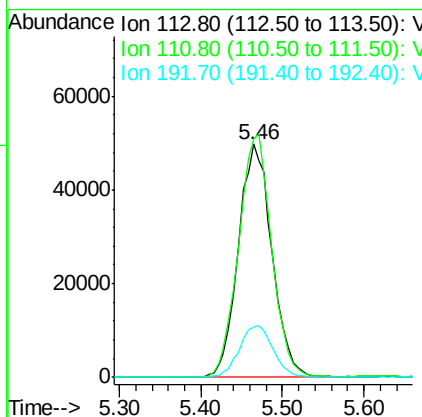
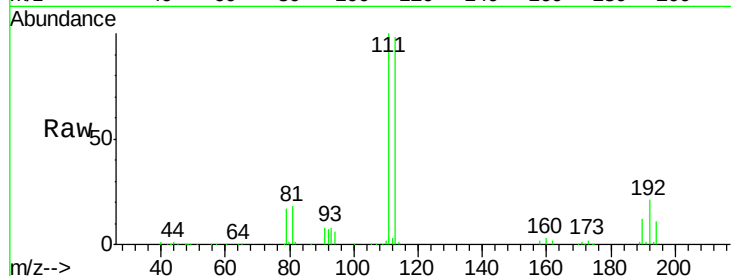




#35
 Dibromofluoromethane
 Concen: 50.708 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018915.D
 Acq: 12 Oct 2020 19:46

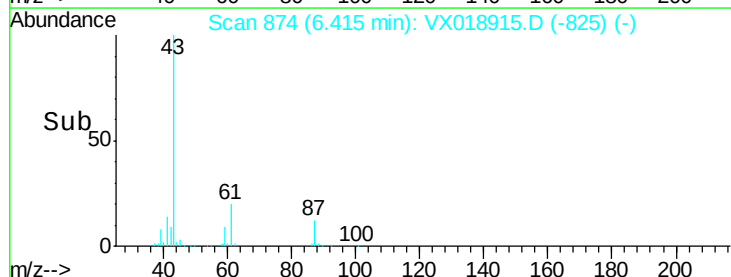
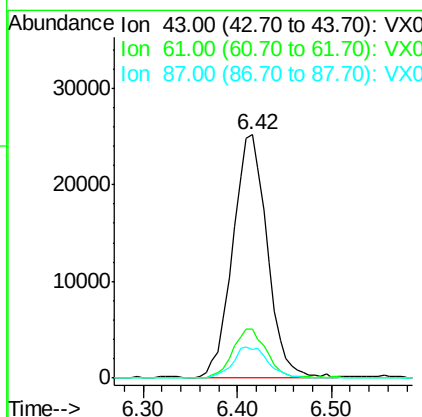
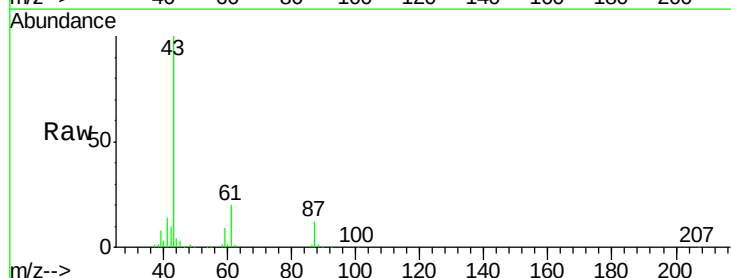
Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#07

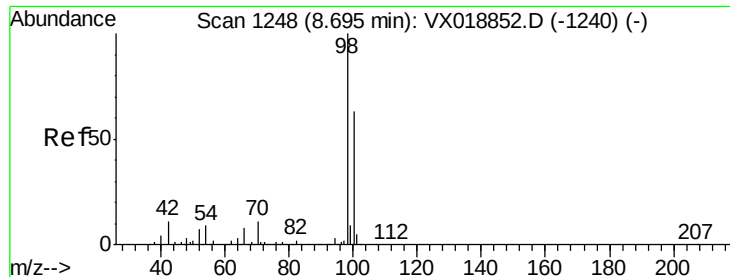
Tot Ion:113 Resp: 141850
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.1 120.1
 192 22.5 16.0 24.0



#43
 Isopropyl Acetate
 Concen: 9.596 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018915.D
 Acq: 12 Oct 2020 19:46

Tgt Ion: 43 Resp: 63557
 Ion Ratio Lower Upper
 43 100
 61 20.1 15.5 23.3
 87 13.2 10.8 16.2





#50

Toluene-d8

Concen: 53.400 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018915.D

Acq: 12 Oct 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

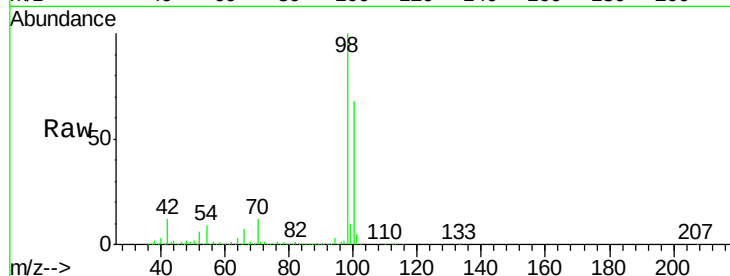
PB132255ZHE#07

Tot Ion: 98 Resp: 518161

Ion Ratio Lower Upper

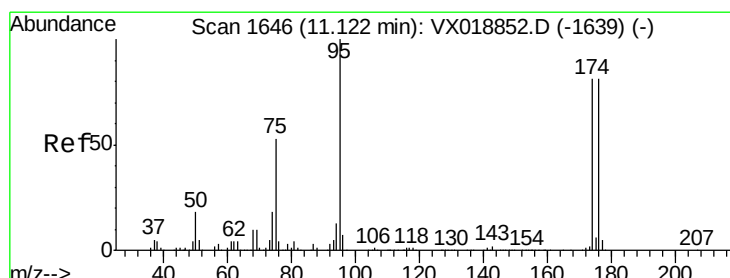
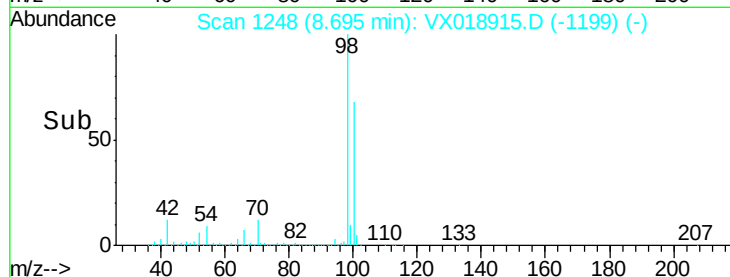
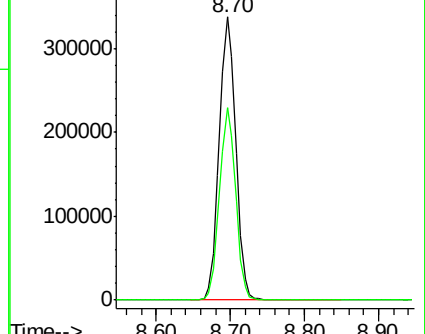
98 100

100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.291 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018915.D

Acq: 12 Oct 2020 19:46

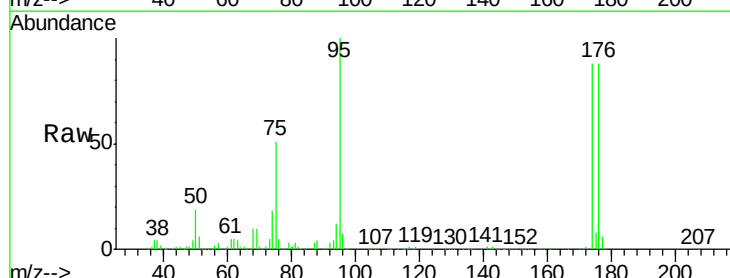
Tgt Ion: 95 Resp: 190626

Ion Ratio Lower Upper

95 100

174 91.3 0.0 160.0

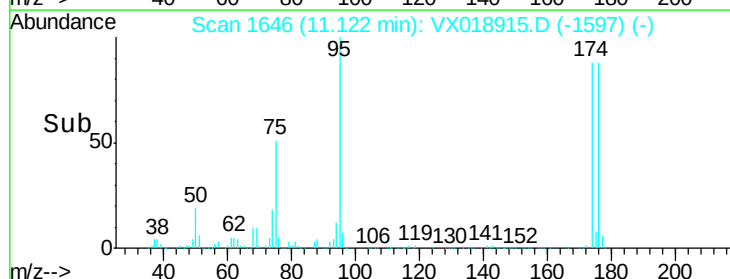
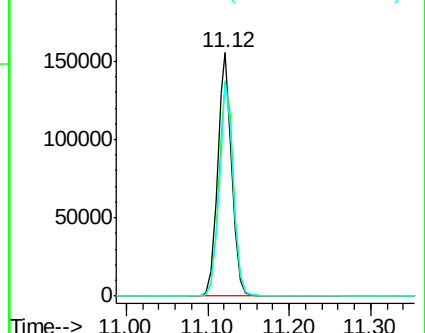
176 86.1 0.0 161.2

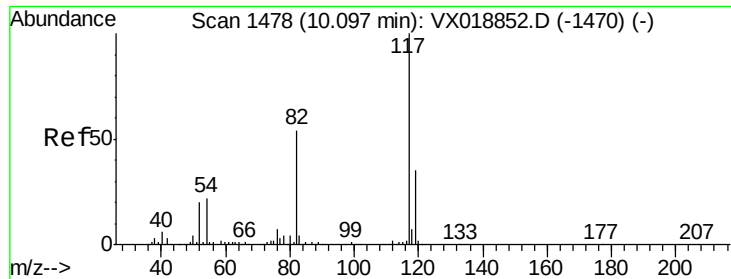


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX018915.D

Acq: 12 Oct 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#07

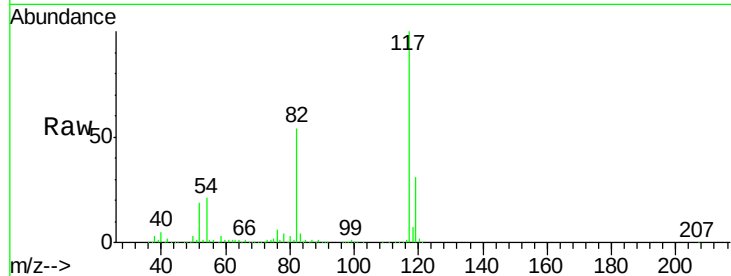
Tot Ion:117 Resp: 420485

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.2

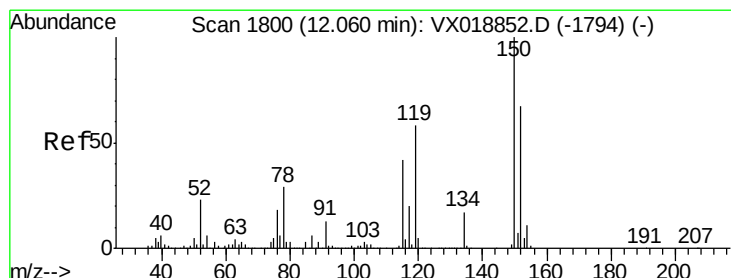
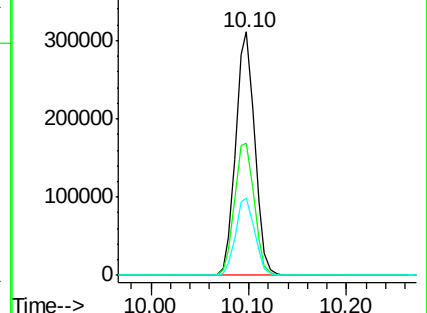
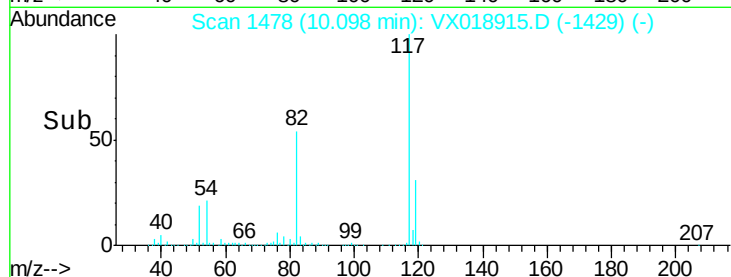
119 31.5 28.3 42.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX018915.D

Acq: 12 Oct 2020 19:46

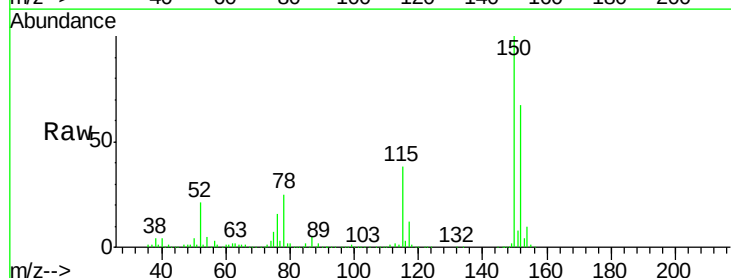
Tgt Ion:152 Resp: 206805

Ion Ratio Lower Upper

152 100

115 58.1 41.8 125.4

150 156.6 0.0 347.6



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

