

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018909.D
 Acq On : 12 Oct 2020 17:30
 Operator : JC/SP
 Sample : PB132255ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#01

Quant Time: Oct 13 04:53:21 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

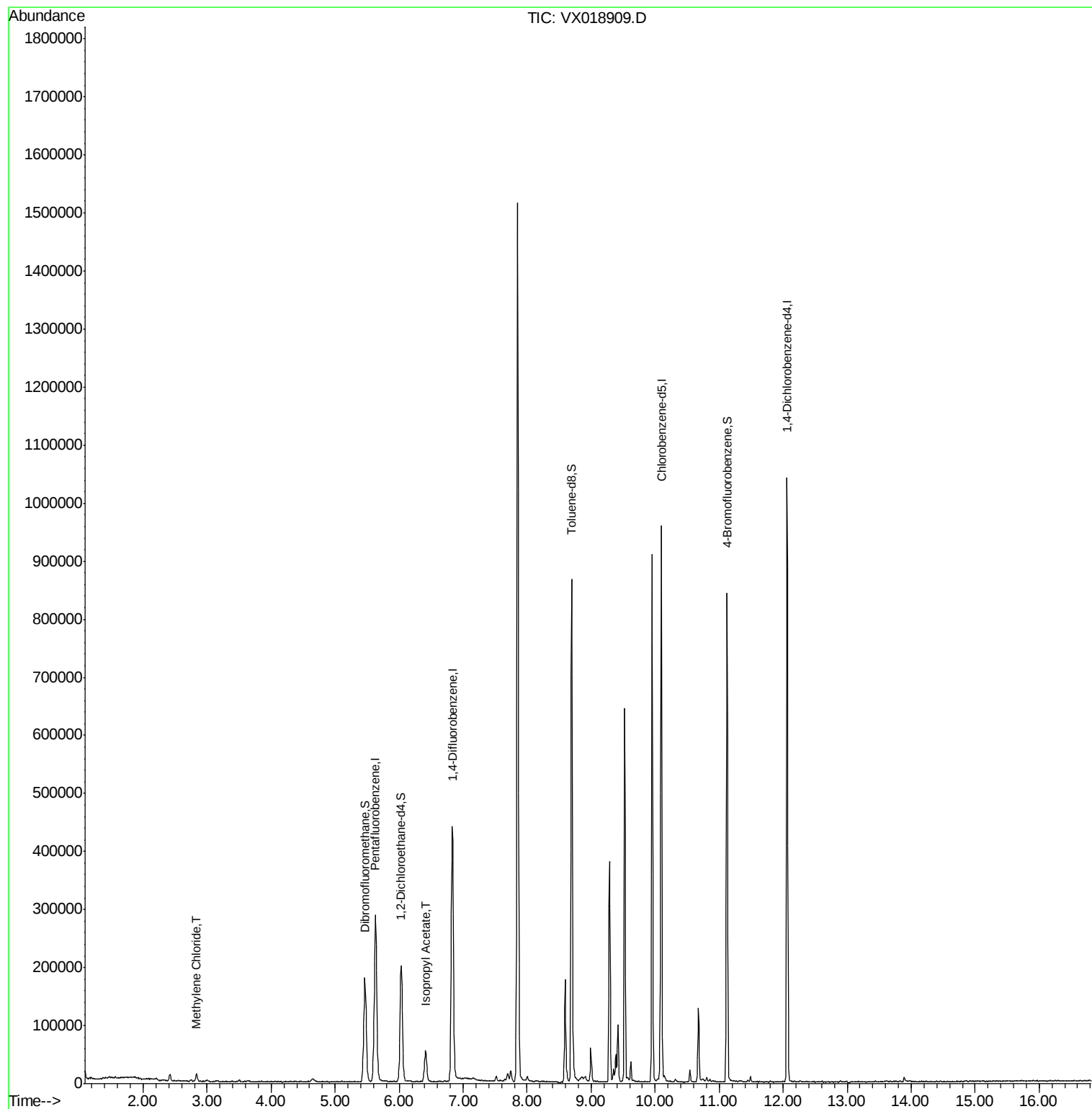
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	417525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	203571	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	5.46	113	153520	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	8.70	98	511114	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.12	95	202029	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
20) Methylene Chloride	2.84	84	5760	2.635	ug/l	91
43) Isopropyl Acetate	6.41	43	71586	10.161	ug/l	99

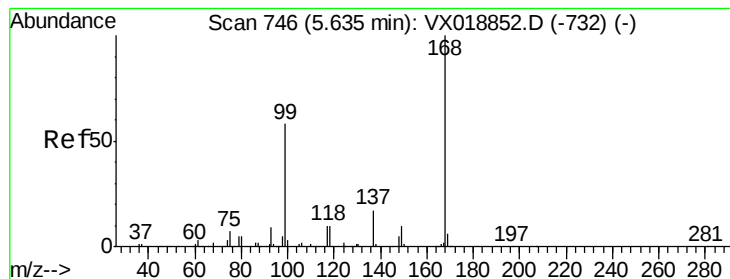
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

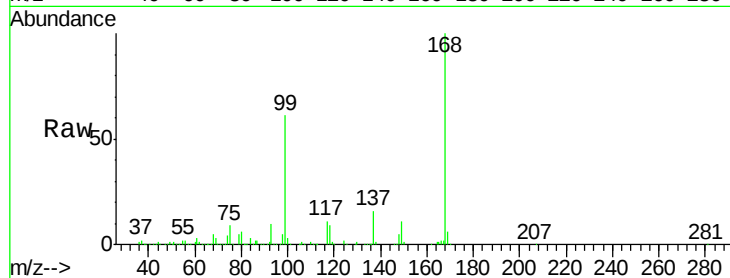
PB132255ZHE#01

Tot Ion:168 Resp: 254319

Ion Ratio Lower Upper

168 100

99 60.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

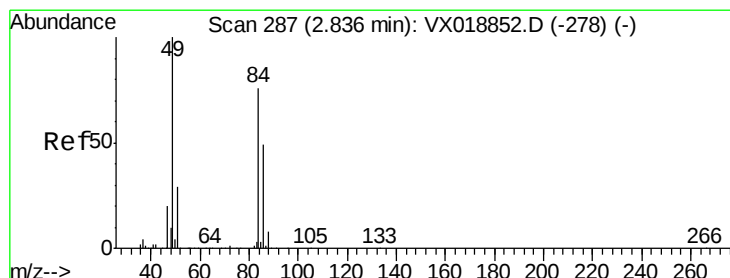
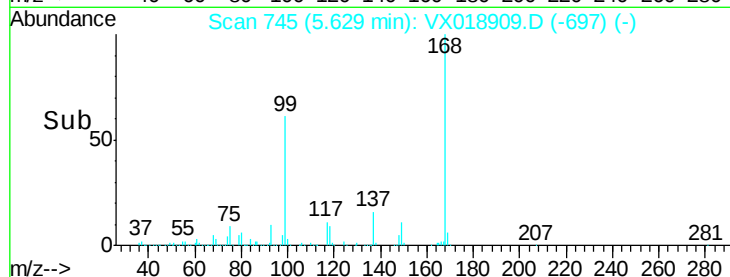
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.635 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

Tgt Ion: 84 Resp: 5760

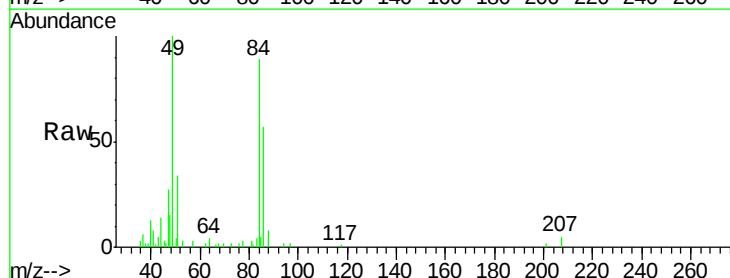
Ion Ratio Lower Upper

84 100

49 112.5 104.8 157.2

51 37.8 30.6 46.0

86 64.4 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

5000

4000

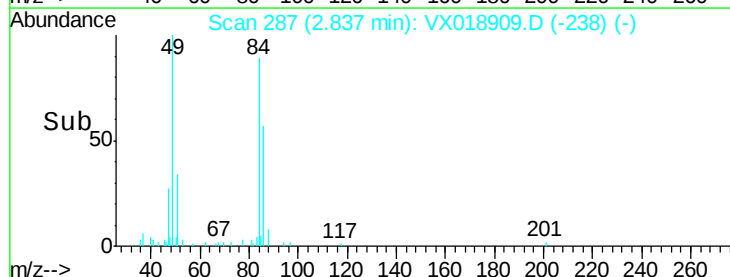
3000

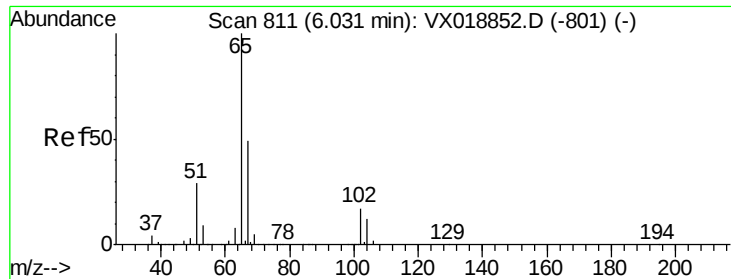
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.272 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

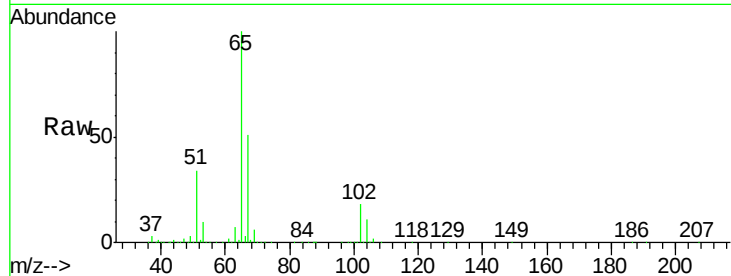
PB132255ZHE#01

Tot Ion: 65 Resp: 203571

Ion Ratio Lower Upper

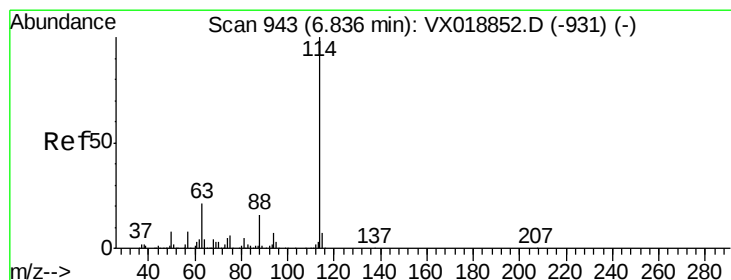
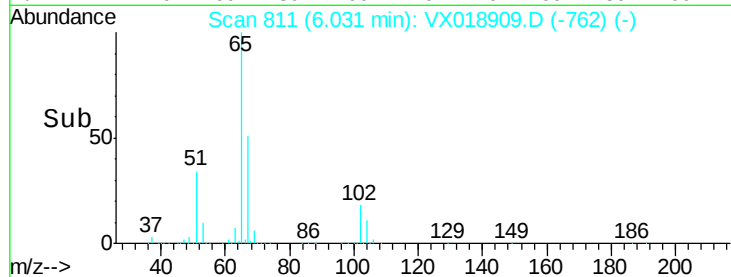
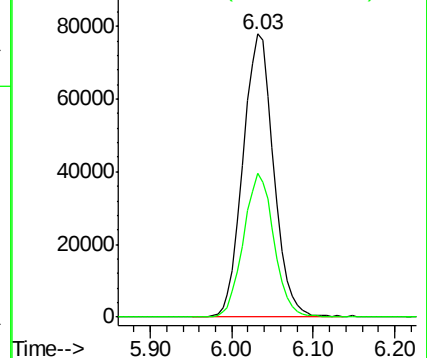
65 100

67 50.4 0.0 97.0



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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

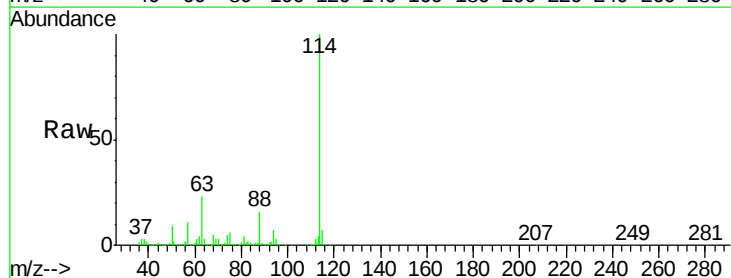
Tgt Ion: 114 Resp: 417525

Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.4

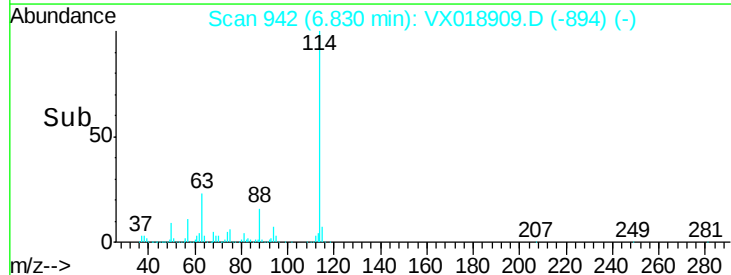
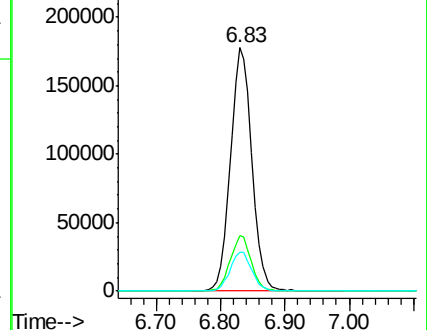
88 16.0 0.0 32.6

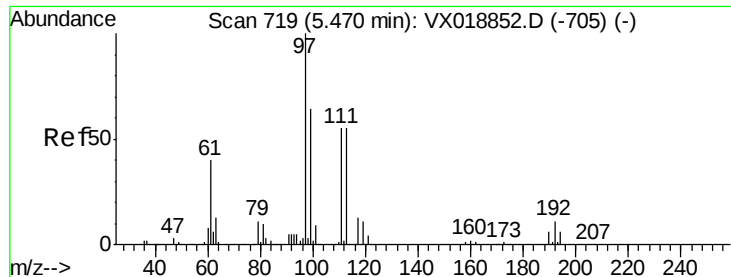


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.594 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#01

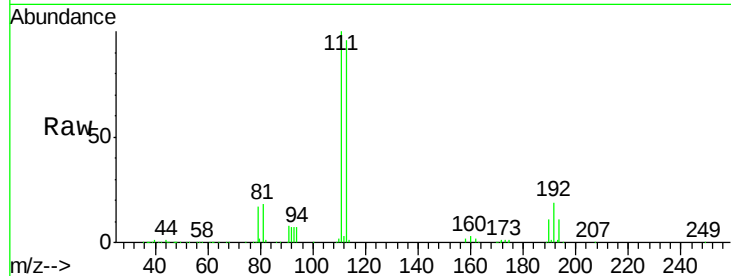
Tot Ion:113 Resp: 153520

Ion Ratio Lower Upper

113 100

111 101.8 80.1 120.1

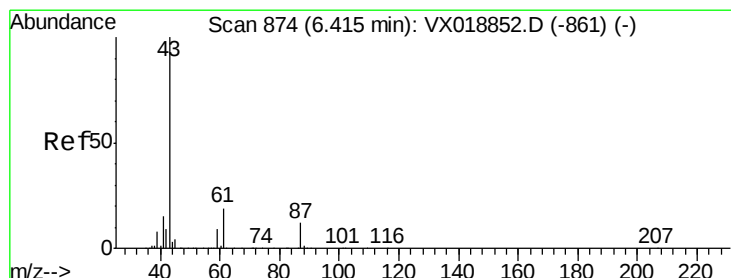
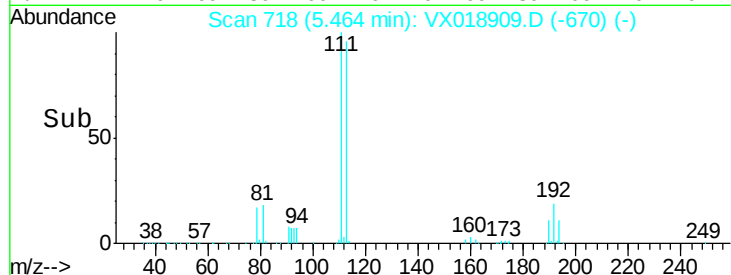
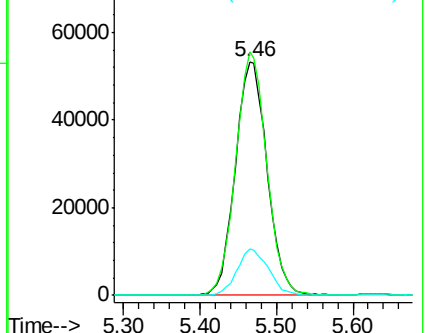
192 19.8 16.0 24.0



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



#43

Isopropyl Acetate

Concen: 10.161 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

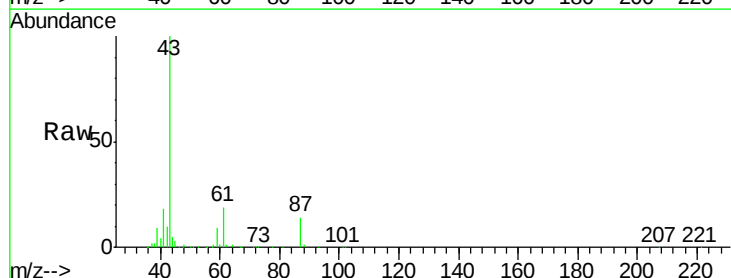
Tgt Ion: 43 Resp: 71586

Ion Ratio Lower Upper

43 100

61 19.9 15.5 23.3

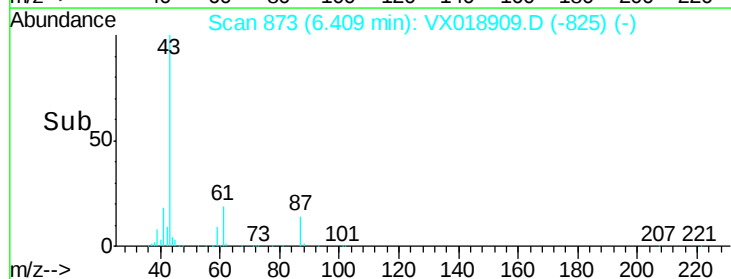
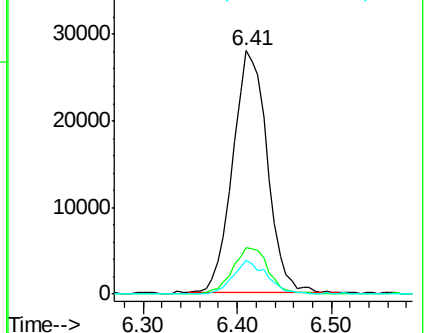
87 13.8 10.8 16.2

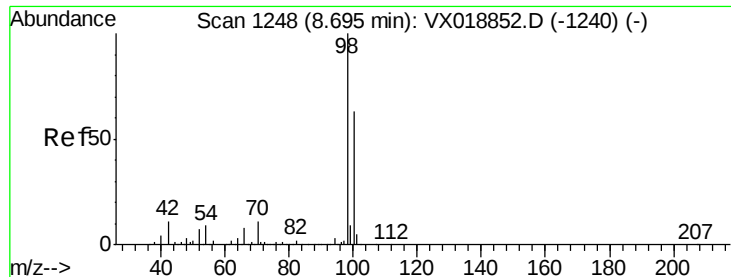


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.520 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

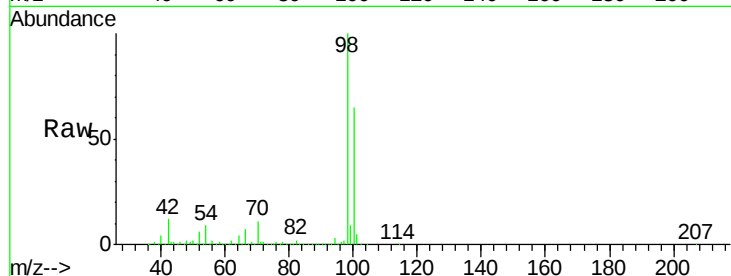
PB132255ZHE#01

Tot Ion: 98 Resp: 511114

Ion Ratio Lower Upper

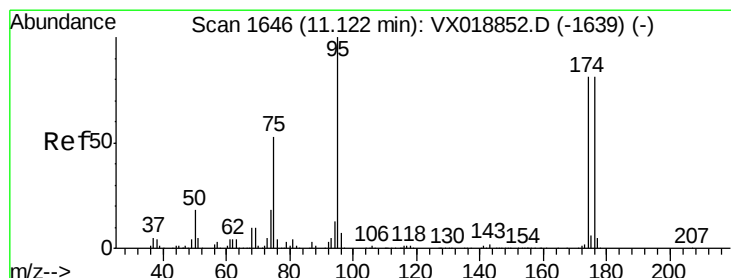
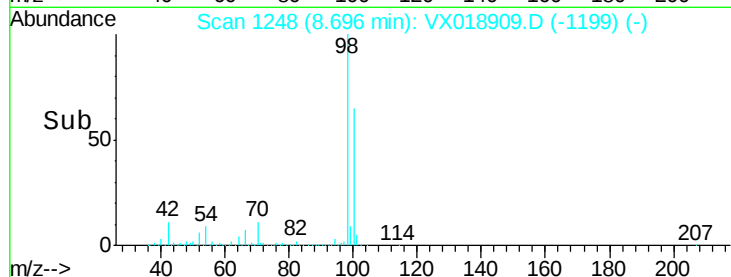
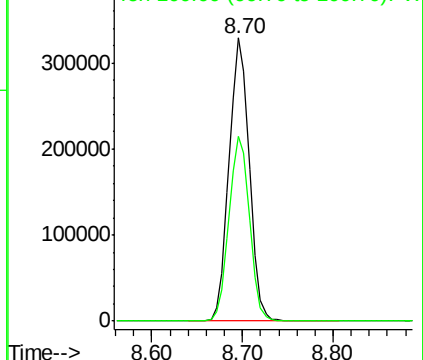
98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.112 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018909.D

Acq: 12 Oct 2020 17:30

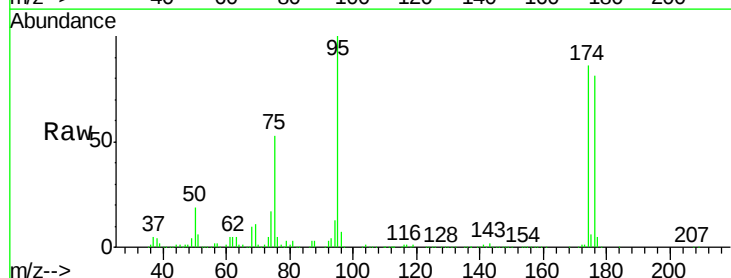
Tgt Ion: 95 Resp: 202029

Ion Ratio Lower Upper

95 100

174 85.5 0.0 160.0

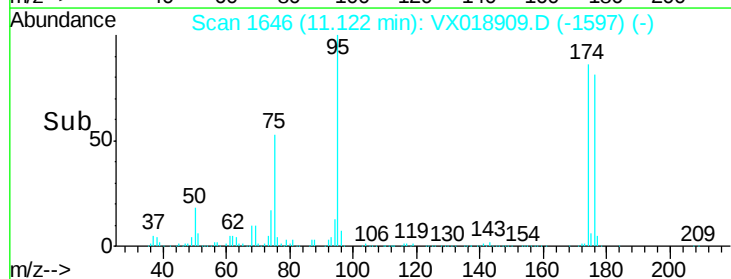
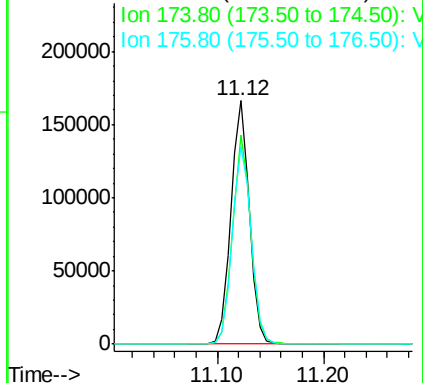
176 83.7 0.0 161.2

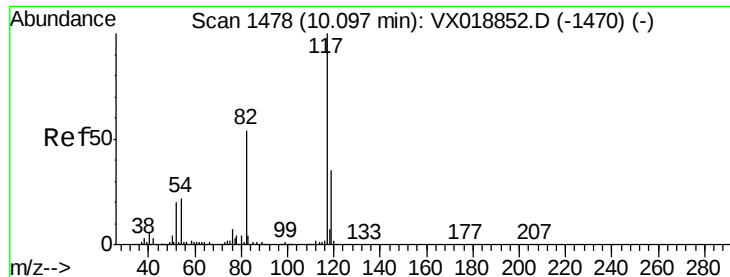


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

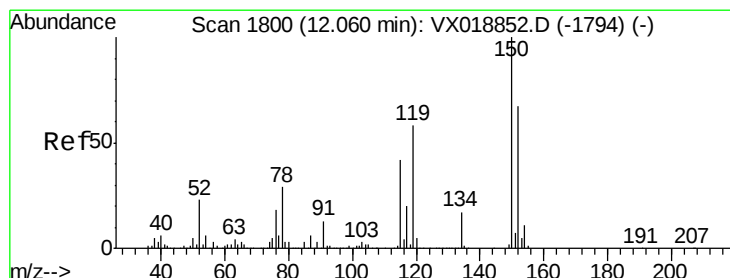
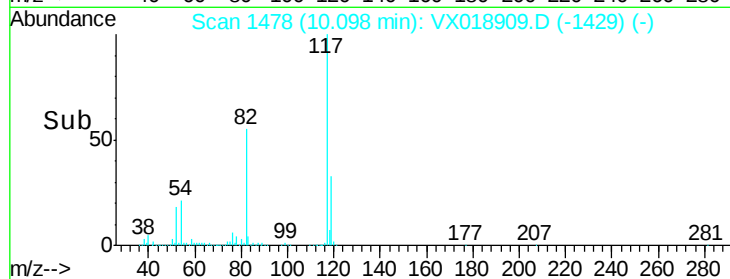
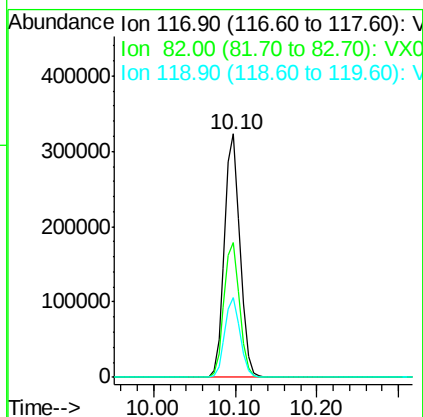
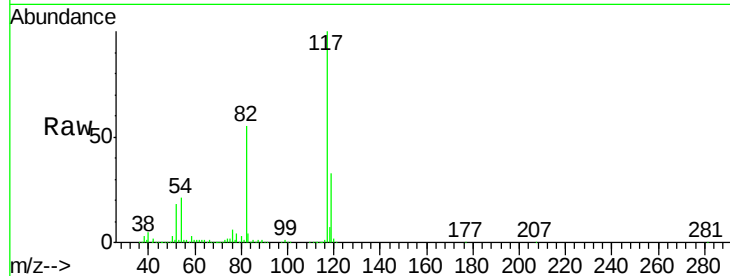




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tot Ion:117 Resp: 425499
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.2
119 32.7 28.3 42.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion:152 Resp: 213404
Ion Ratio Lower Upper
152 100
115 58.3 41.8 125.4
150 157.7 0.0 347.6

