

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018913.D
 Acq On : 12 Oct 2020 19:01
 Operator : JC/SP
 Sample : PB132255ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#05

Quant Time: Oct 13 05:01:20 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

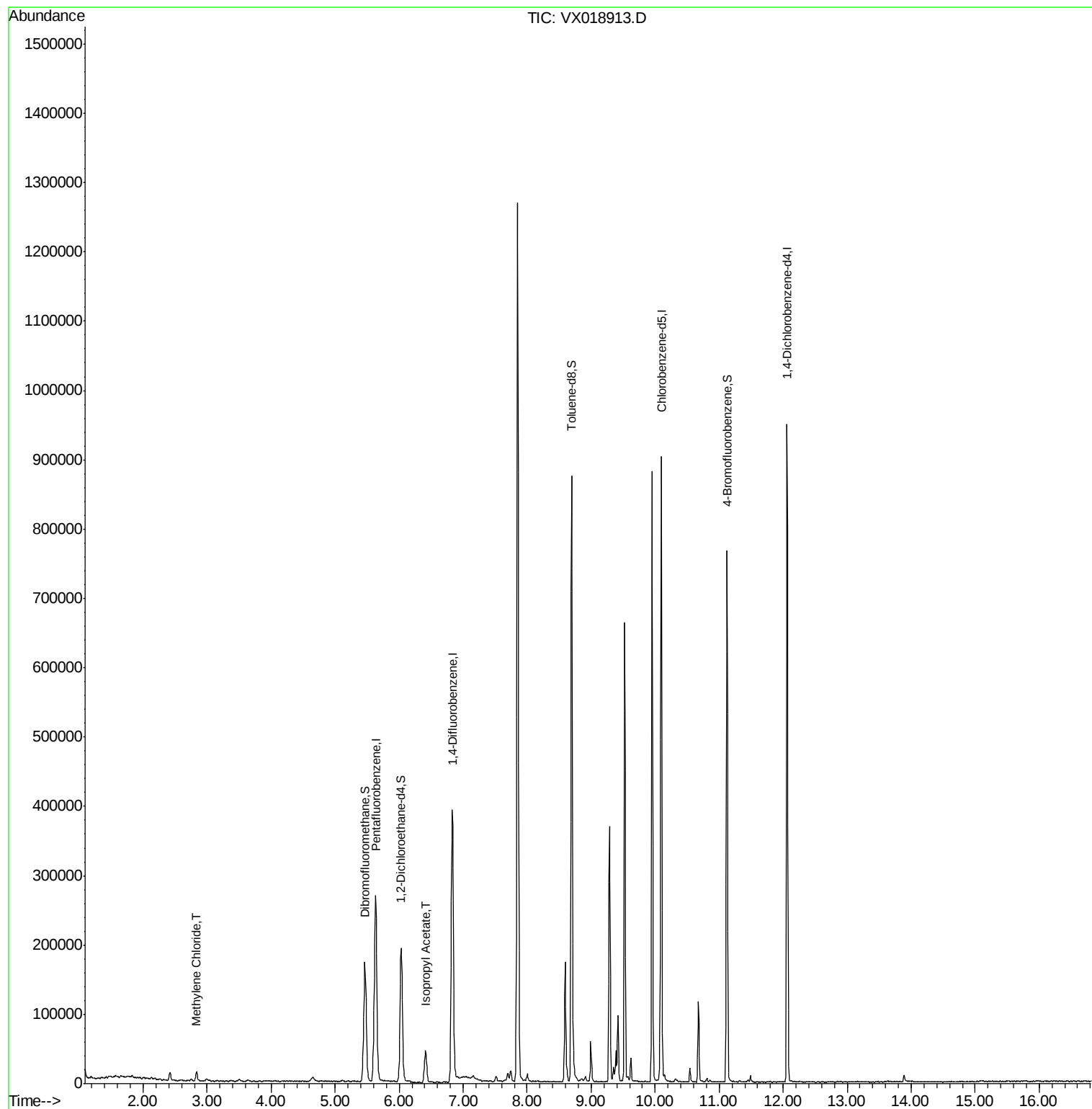
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	247297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	380939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	190870	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	5.46	113	146279	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	8.70	98	501543	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	11.12	95	183421	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
Target Compounds						
20) Methylene Chloride	2.83	84	5800	2.711	ug/l	95
43) Isopropyl Acetate	6.42	43	62769	9.765	ug/l	100

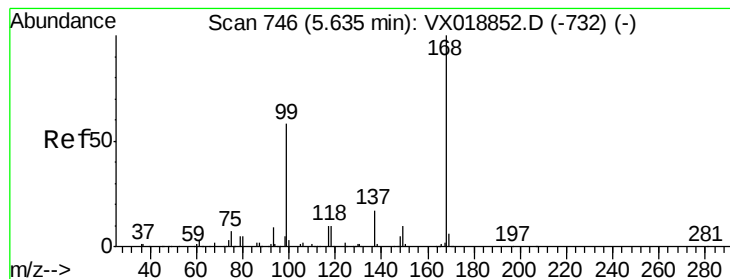
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018913.D

Acq: 12 Oct 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

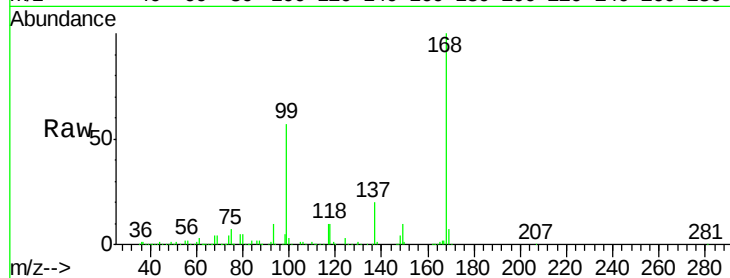
PB132255ZHE#05

Tot Ion:168 Resp: 247297

Ion Ratio Lower Upper

168 100

99 56.6 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

80000

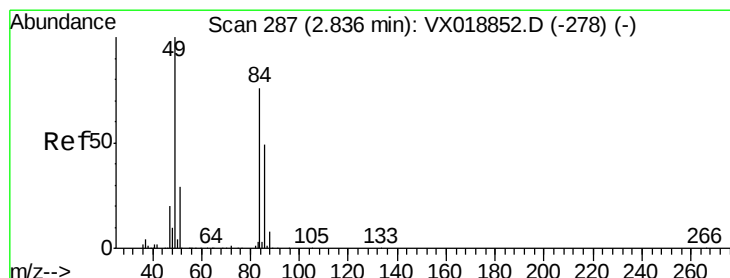
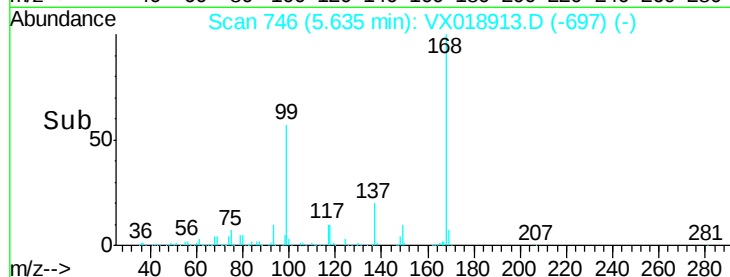
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.711 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018913.D

Acq: 12 Oct 2020 19:01

Tgt Ion: 84 Resp: 5800

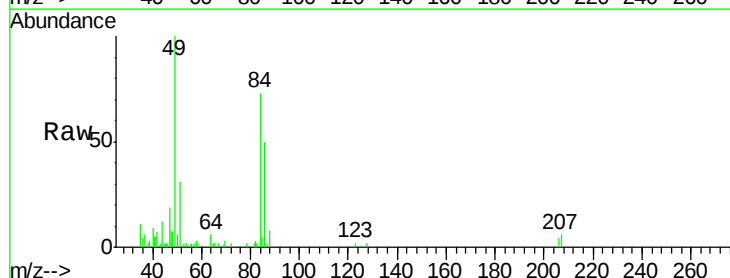
Ion Ratio Lower Upper

84 100

49 136.1 104.8 157.2

51 42.0 30.6 46.0

86 67.4 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

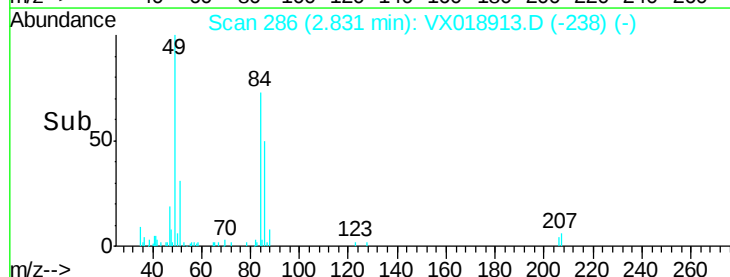
2.83

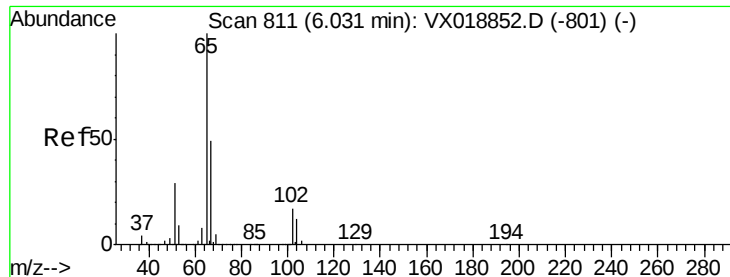
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.331 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018913.D

Acq: 12 Oct 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

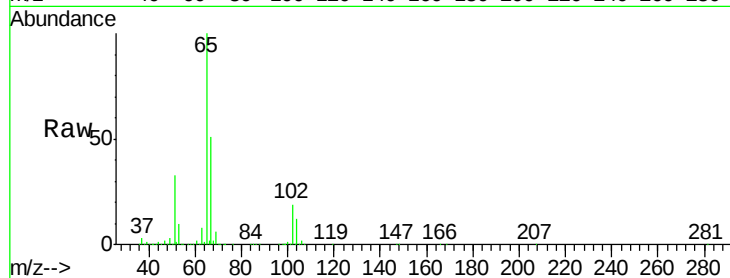
PB132255ZHE#05

Tot Ion: 65 Resp: 190870

Ion Ratio Lower Upper

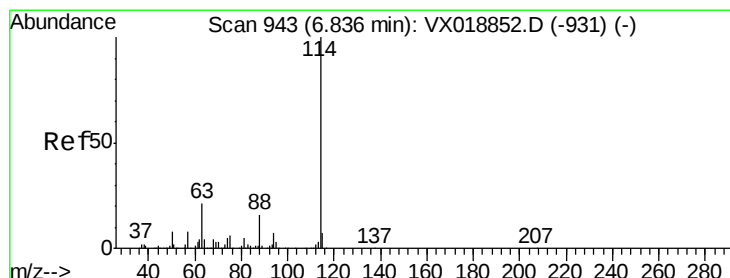
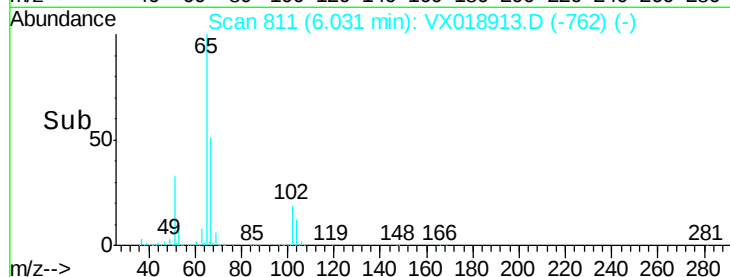
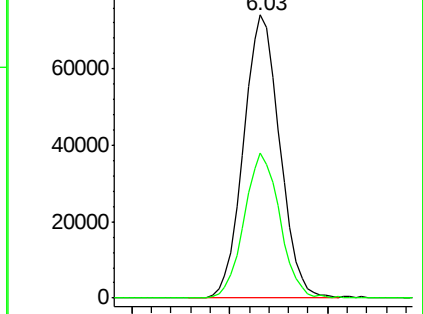
65 100

67 50.8 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: VX018913.D

Acq: 12 Oct 2020 19:01

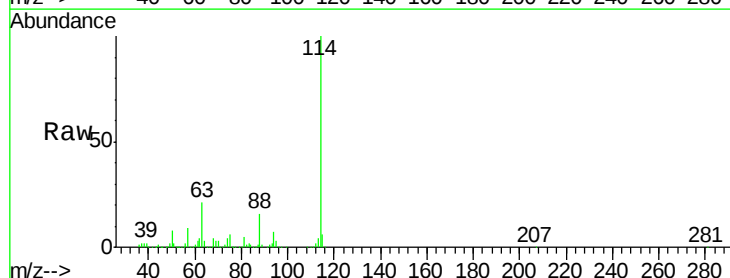
Tgt Ion: 114 Resp: 380939

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

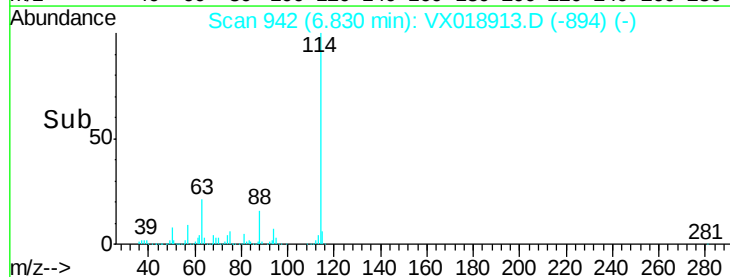
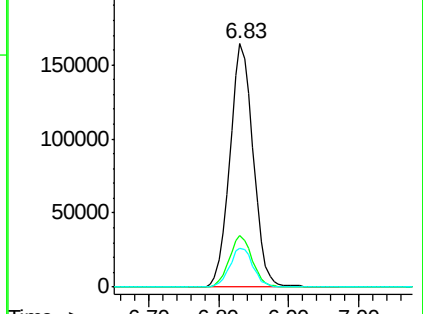
88 15.9 0.0 32.6

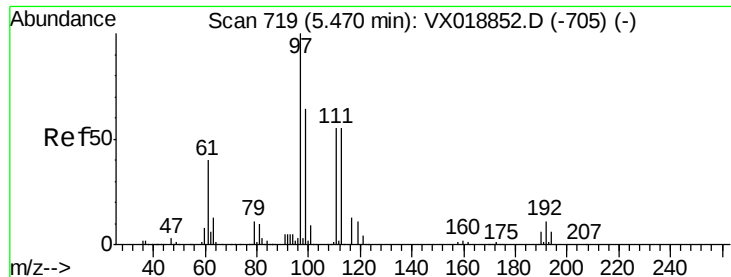


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.882 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018913.D

Acq: 12 Oct 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#05

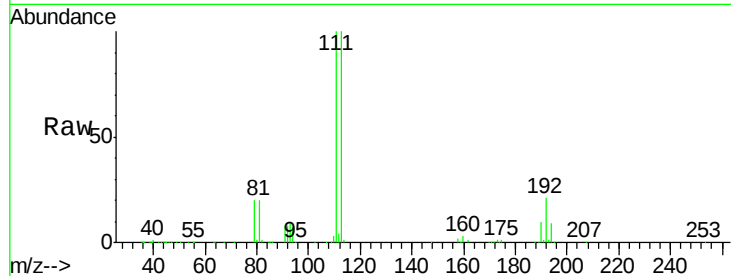
Tot Ion:113 Resp: 146279

Ion Ratio Lower Upper

113 100

111 103.0 80.1 120.1

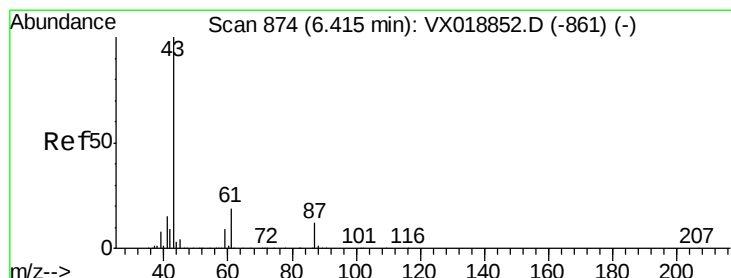
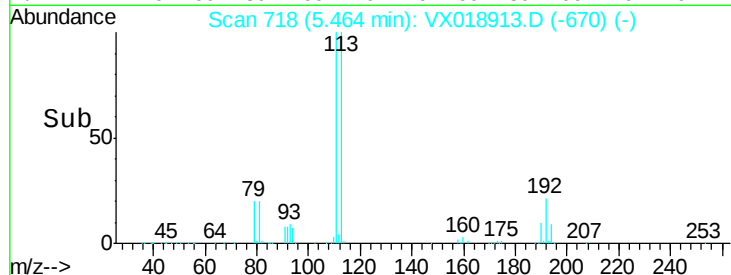
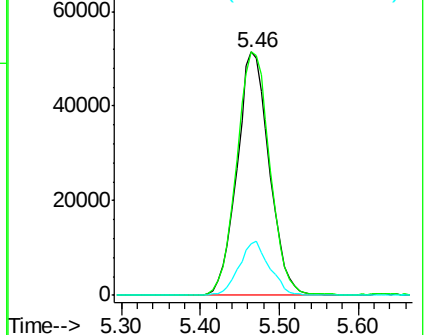
192 21.2 16.0 24.0



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: 9.765 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018913.D

Acq: 12 Oct 2020 19:01

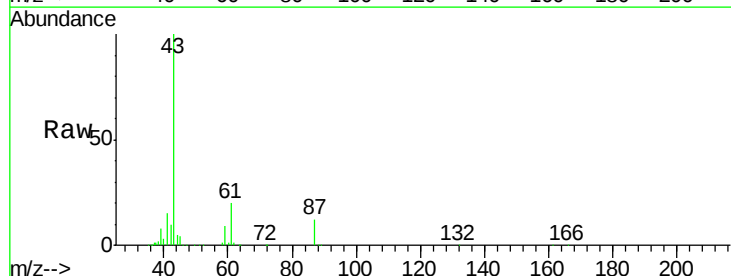
Tgt Ion: 43 Resp: 62769

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

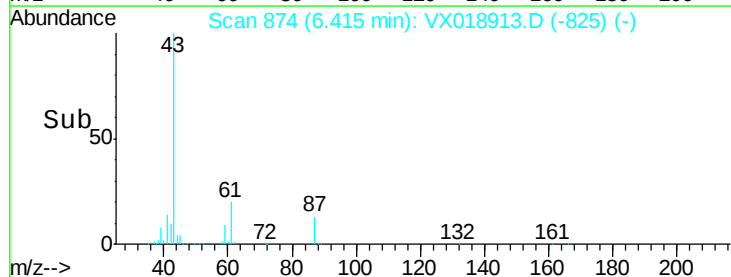
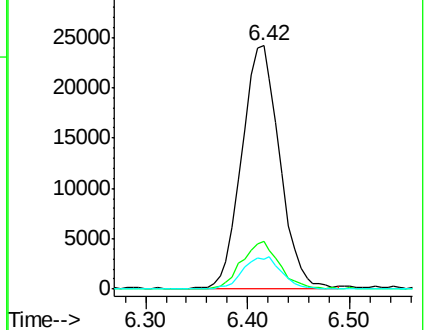
87 13.4 10.8 16.2

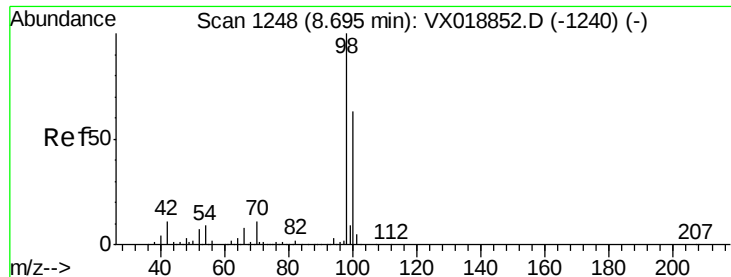


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.259 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018913.D

Acq: 12 Oct 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

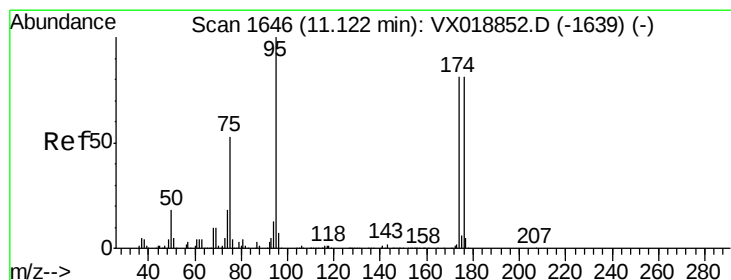
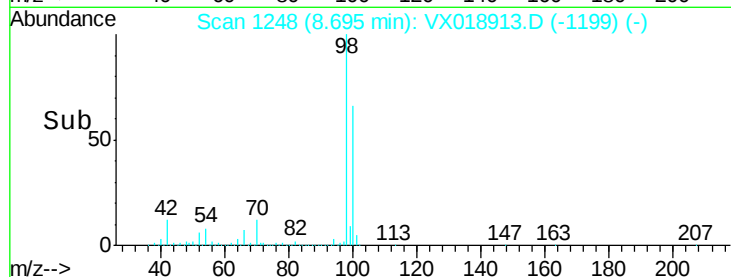
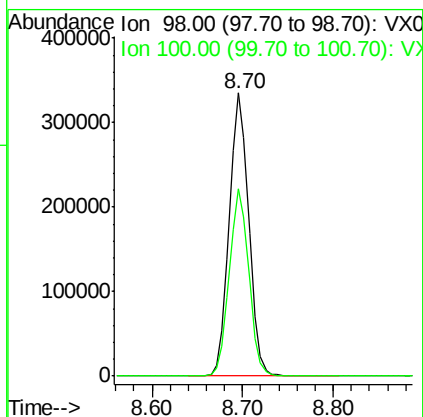
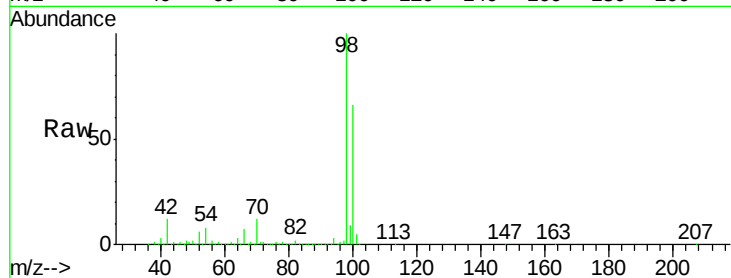
PB132255ZHE#05

Tot Ion: 98 Resp: 501543

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.870 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018913.D

Acq: 12 Oct 2020 19:01

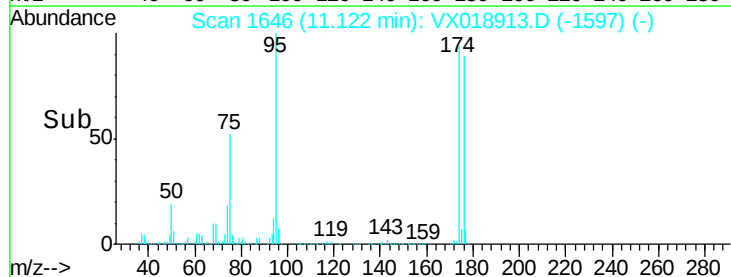
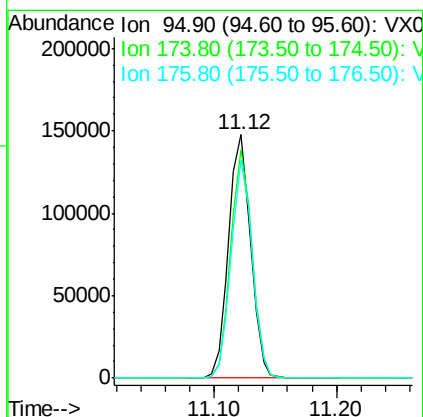
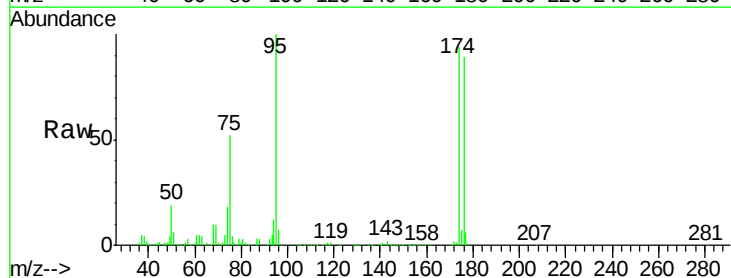
Tgt Ion: 95 Resp: 183421

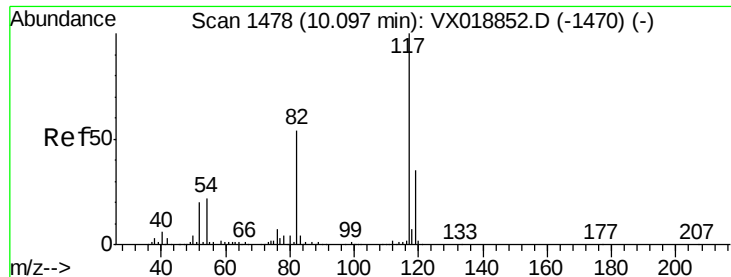
Ion Ratio Lower Upper

95 100

174 91.2 0.0 160.0

176 85.8 0.0 161.2

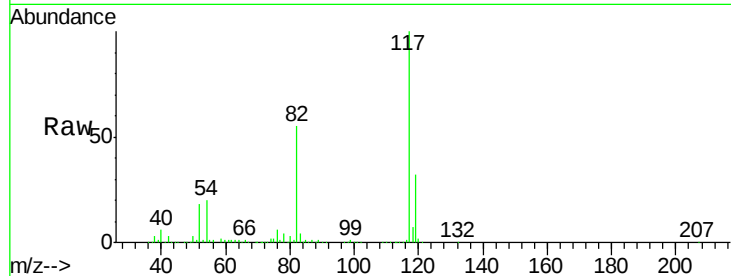




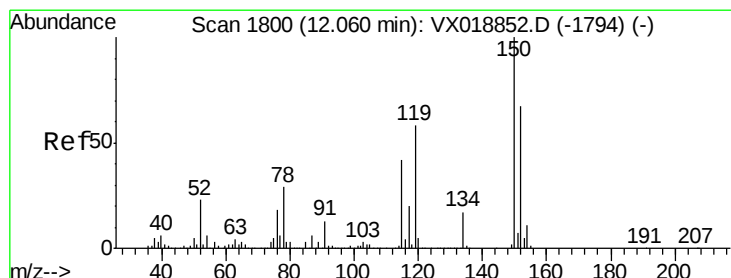
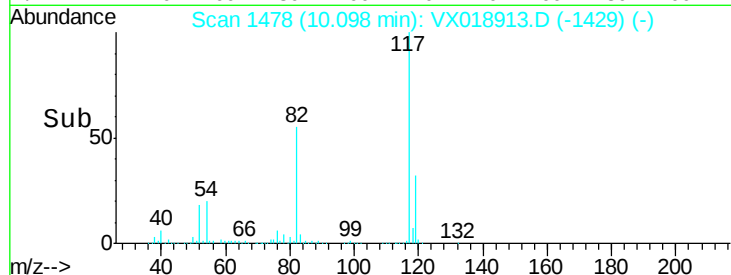
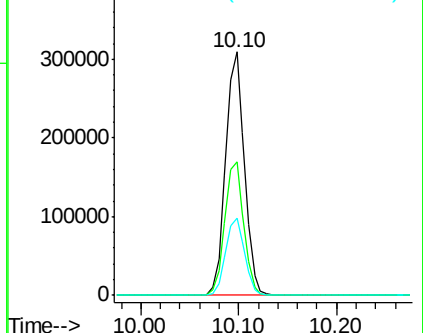
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tot Ion:117 Resp: 411854
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.2
119 31.7 28.3 42.5

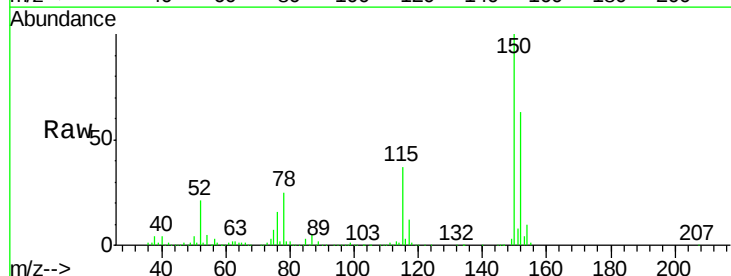


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion:152 Resp: 198217
Ion Ratio Lower Upper
152 100
115 57.4 41.8 125.4
150 154.5 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

