

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018914.D
 Acq On : 12 Oct 2020 19:23
 Operator : JC/SP
 Sample : PB132255ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#06

Quant Time: Oct 13 05:02:58 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

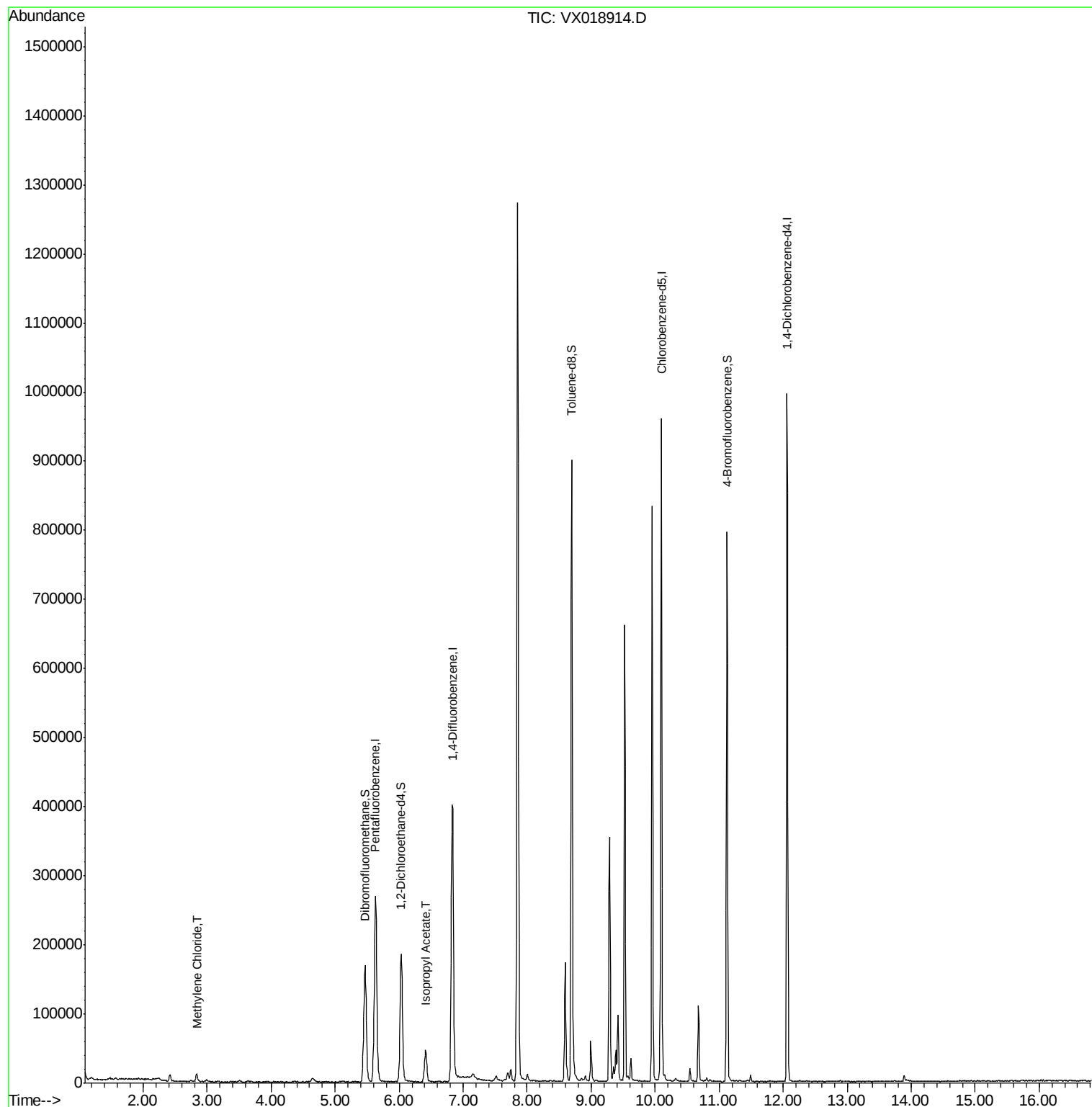
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	402980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185724	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	5.47	113	144740	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	8.70	98	522275	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.12	95	193959	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
20) Methylene Chloride	2.84	84	5434	2.533	ug/l	91
43) Isopropyl Acetate	6.42	43	61896	9.103	ug/l	99

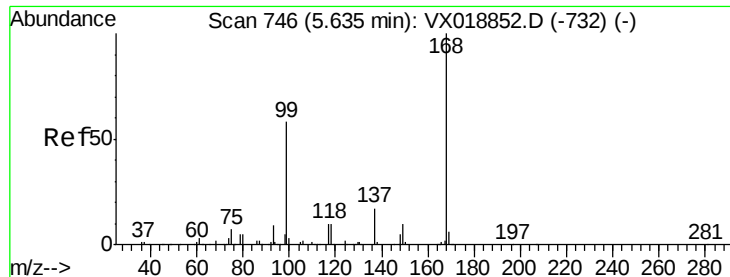
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018914.D

Acq: 12 Oct 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

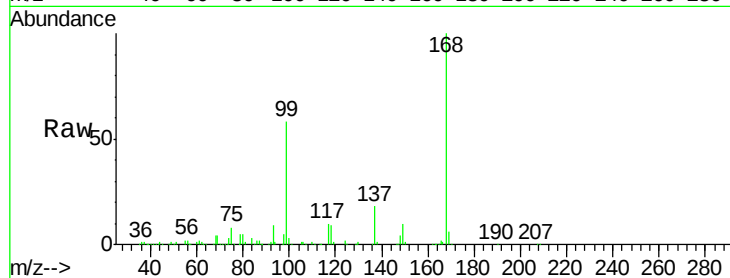
PB132255ZHE#06

Tot Ion:168 Resp: 252037

Ion Ratio Lower Upper

168 100

99 57.8 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

80000

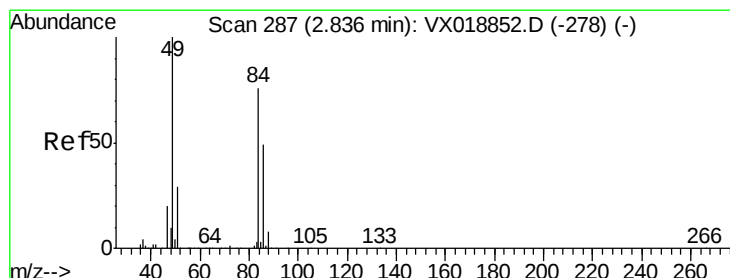
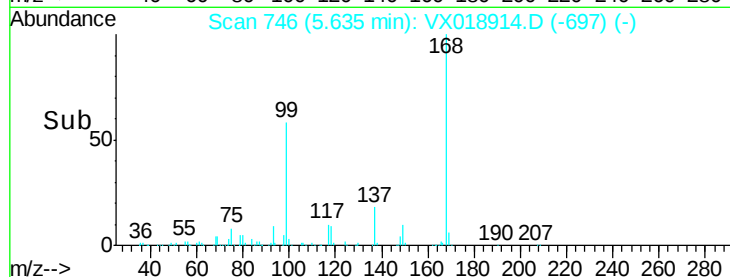
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.533 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX018914.D

Acq: 12 Oct 2020 19:23

Tgt Ion: 84 Resp: 5434

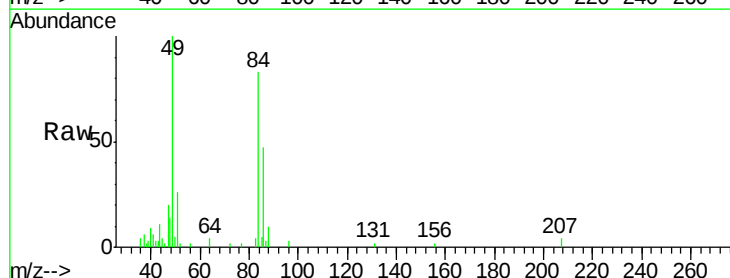
Ion Ratio Lower Upper

84 100

49 121.0 104.8 157.2

51 31.3 30.6 46.0

86 56.7 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

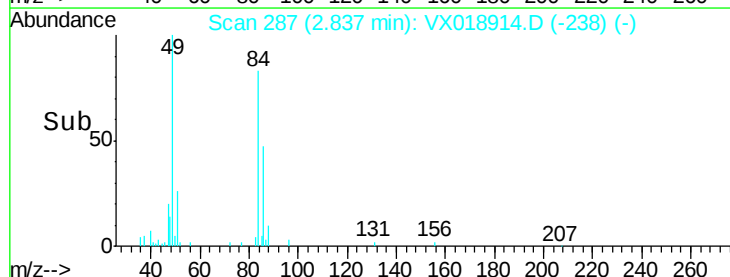
3000

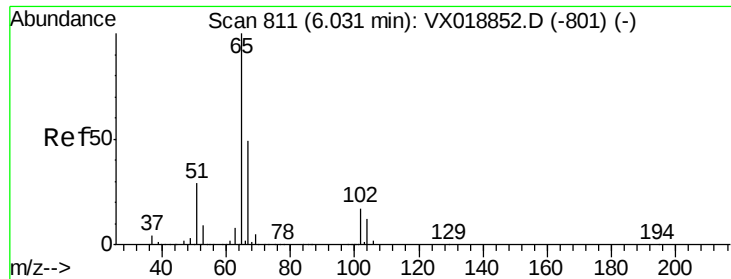
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.962 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018914.D

Acq: 12 Oct 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

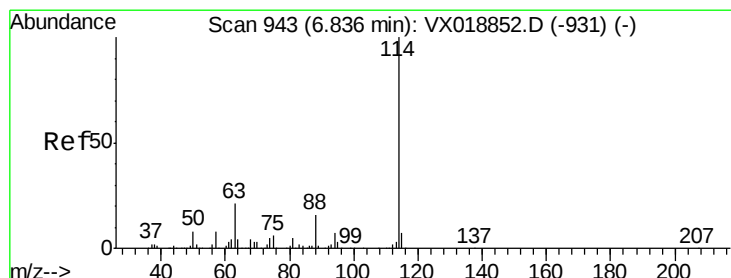
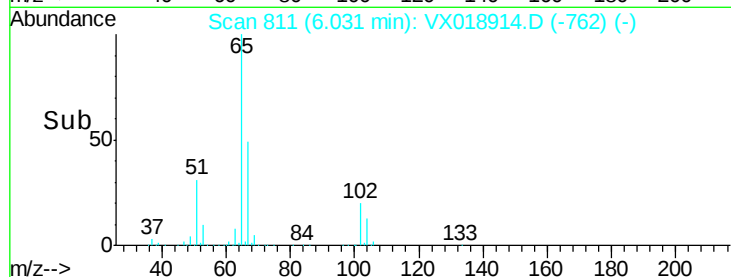
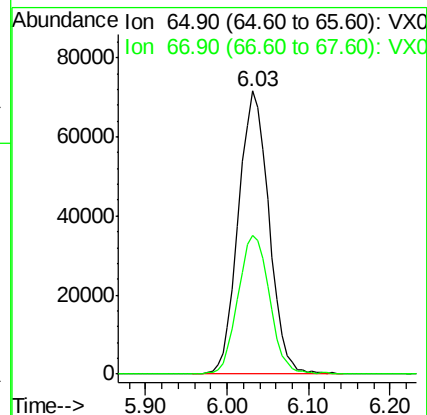
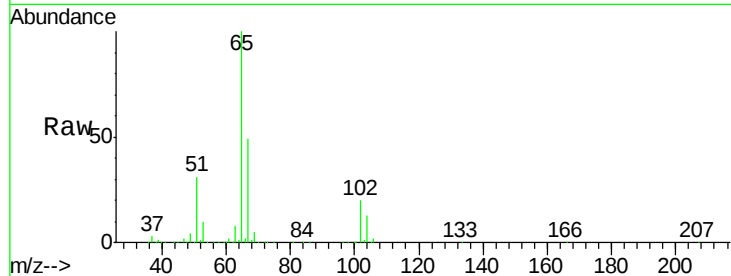
PB132255ZHE#06

Tot Ion: 65 Resp: 185724

Ion Ratio Lower Upper

65 100

67 50.5 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: VX018914.D

Acq: 12 Oct 2020 19:23

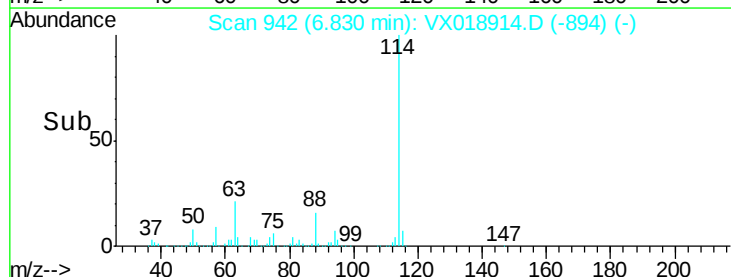
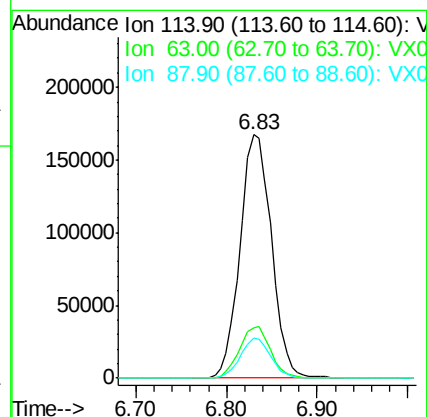
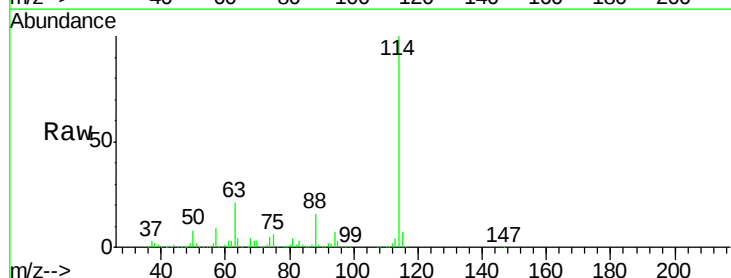
Tgt Ion: 114 Resp: 402980

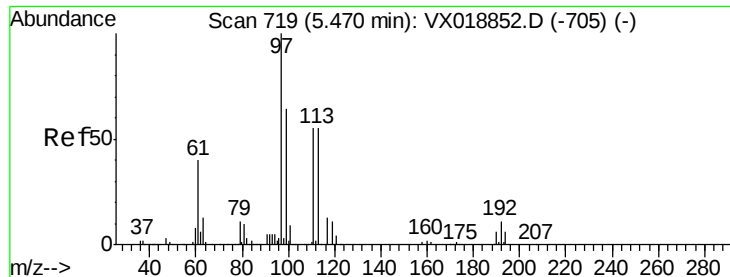
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.399 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018914.D

Acq: 12 Oct 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#06

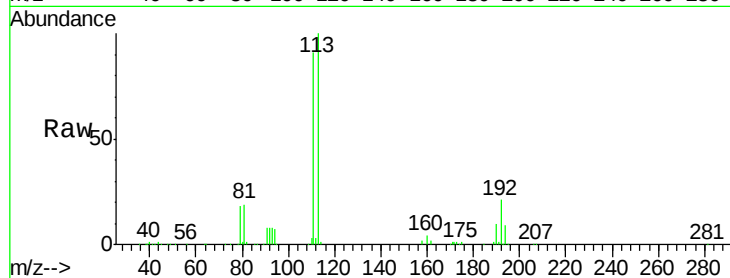
Tot Ion:113 Resp: 144740

Ion Ratio Lower Upper

113 100

111 100.8 80.1 120.1

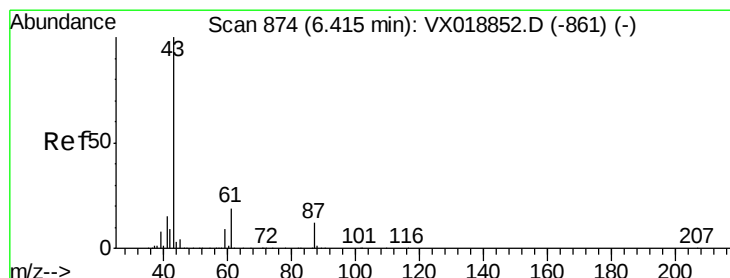
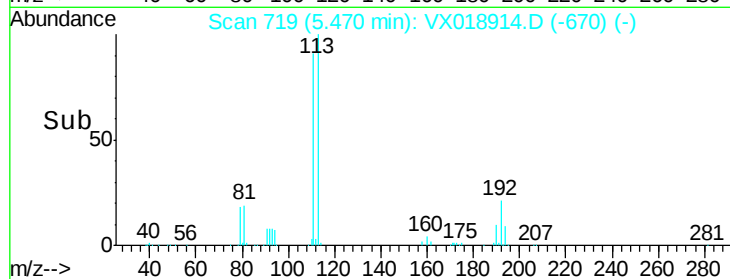
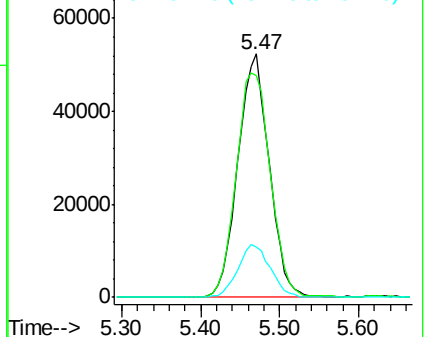
192 22.5 16.0 24.0



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: 9.103 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018914.D

Acq: 12 Oct 2020 19:23

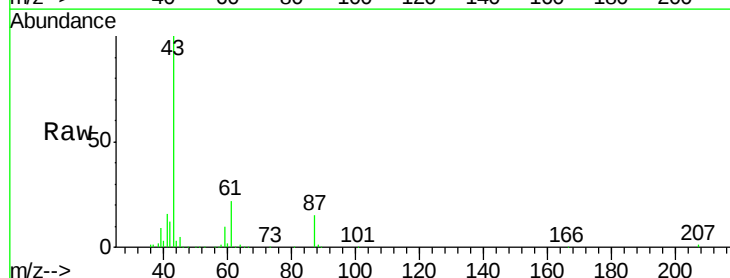
Tgt Ion: 43 Resp: 61896

Ion Ratio Lower Upper

43 100

61 20.1 15.5 23.3

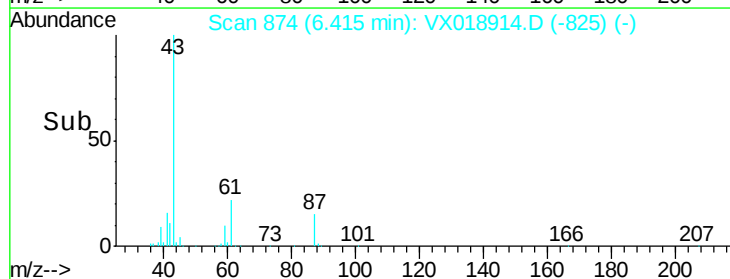
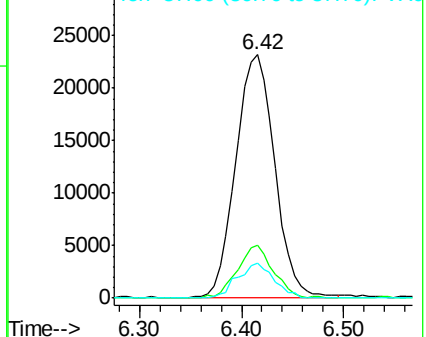
87 13.4 10.8 16.2

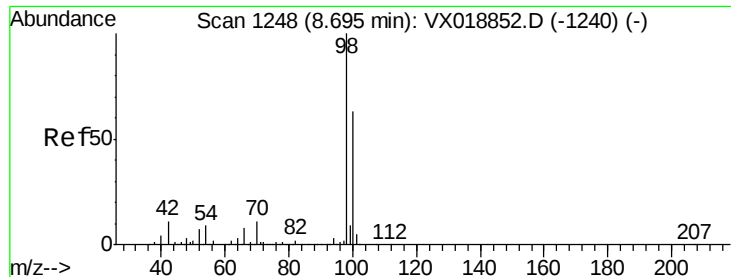


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

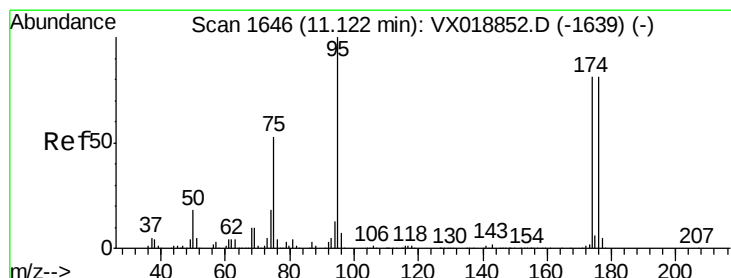
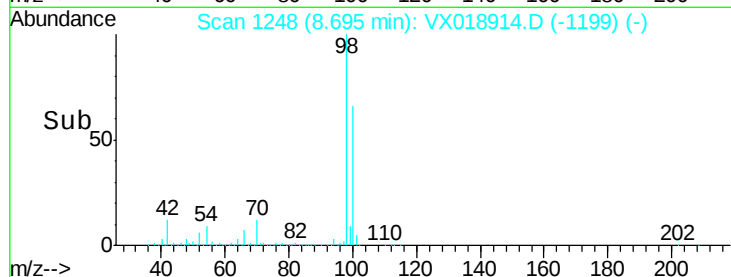
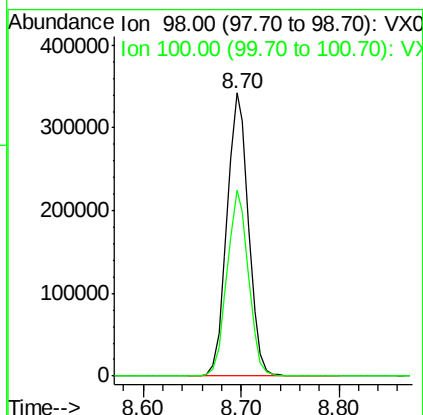
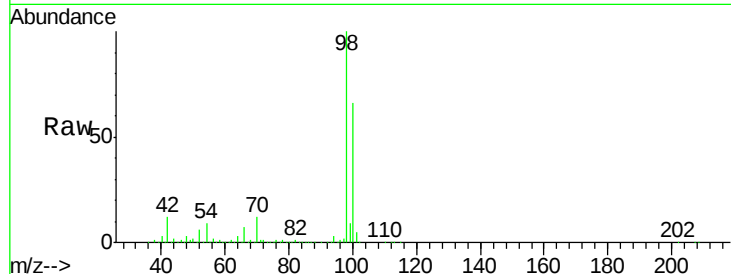




#50
Toluene-d8
Concen: 52.427 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018914.D
Acq: 12 Oct 2020 19:23

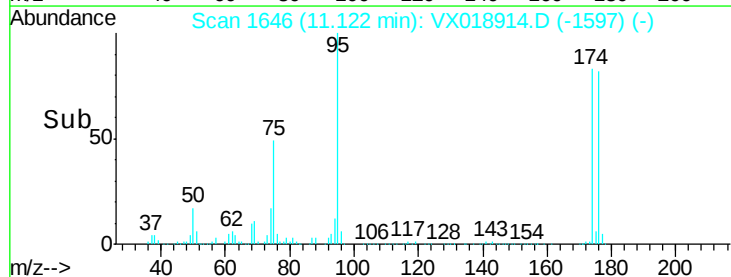
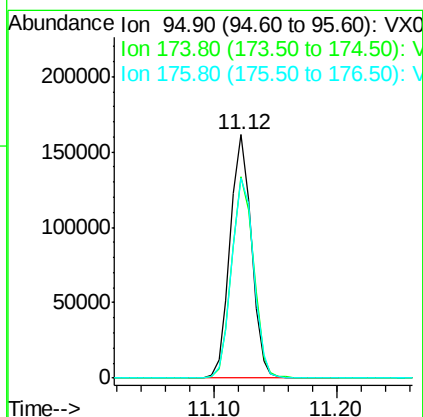
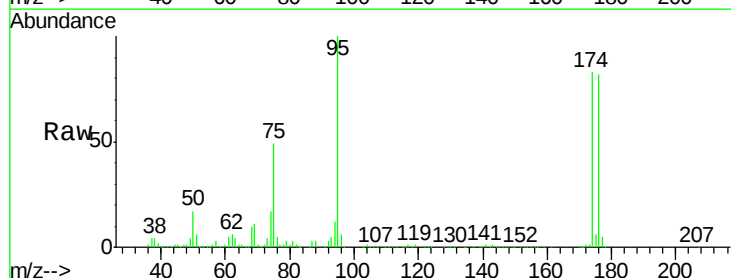
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#06

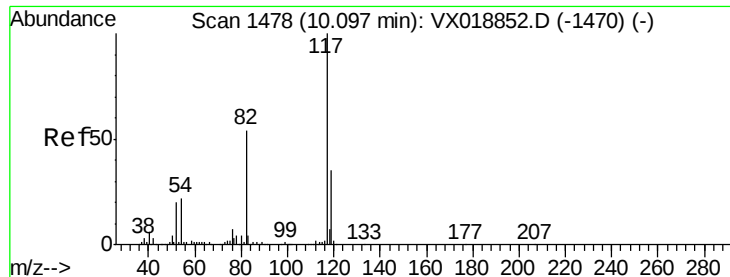
Tot Ion: 98 Resp: 522275
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.852 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018914.D
Acq: 12 Oct 2020 19:23

Tgt Ion: 95 Resp: 193959
Ion Ratio Lower Upper
95 100
174 85.1 0.0 160.0
176 85.1 0.0 161.2

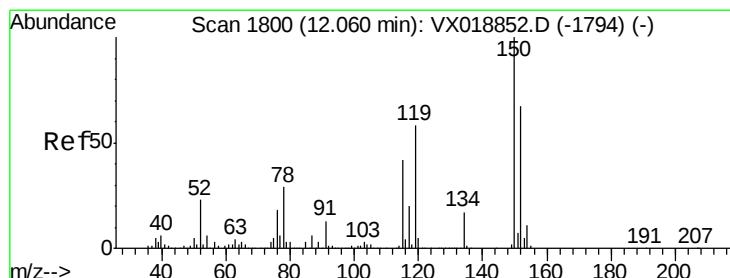
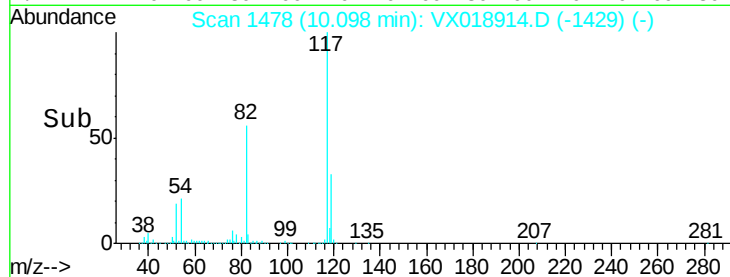
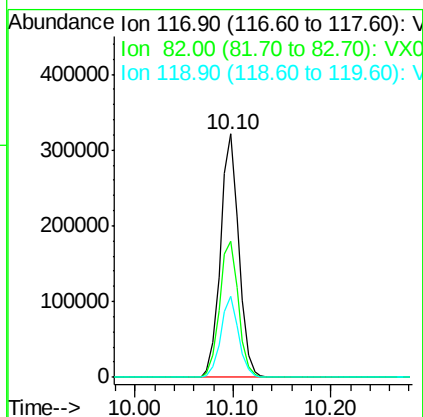
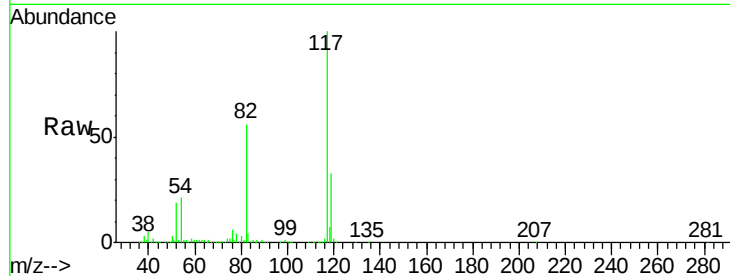




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018914.D
Acq: 12 Oct 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#06

Tot Ion:117 Resp: 414802
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 33.2 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: VX018914.D
Acq: 12 Oct 2020 19:23

Tgt Ion:152 Resp: 207889
Ion Ratio Lower Upper
152 100
115 55.9 41.8 125.4
150 153.2 0.0 347.6

