

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005816.D
 Acq On : 06 Nov 2018 18:25
 Operator : JC/MD
 Sample : PB114531ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#11

Quant Time: Nov 07 09:32:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

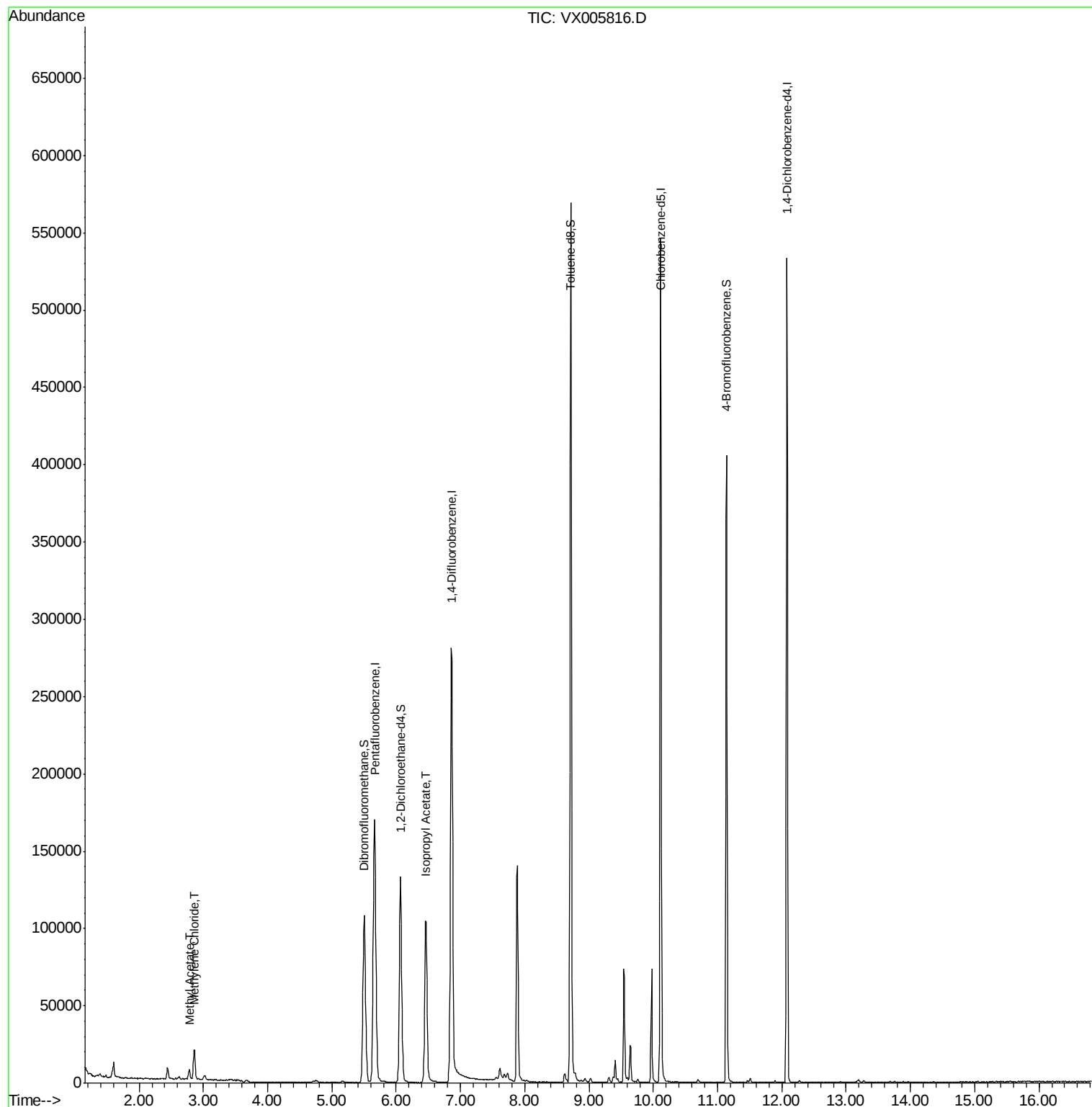
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	163738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	287428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	245849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	128547	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	5.50	113	93064	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	8.72	98	349538	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	103925	40.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.68%	
Target Compounds						
18) Methyl Acetate	2.78	43	7903	2.300	ug/l #	89
20) Methylene Chloride	2.85	84	8708	4.218	ug/l	97
43) Isopropyl Acetate	6.46	43	141296	24.918	ug/l	98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005816.D

Acq: 06 Nov 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

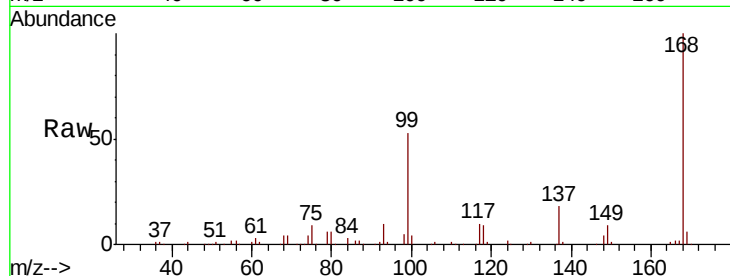
PB114531ZHE#11

Tot Ion:168 Resp: 163738

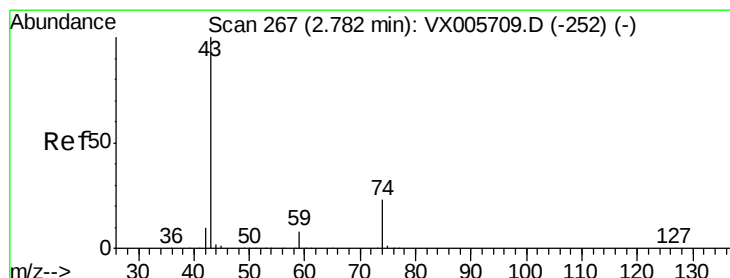
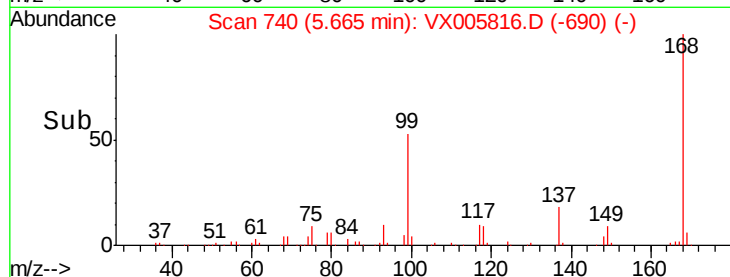
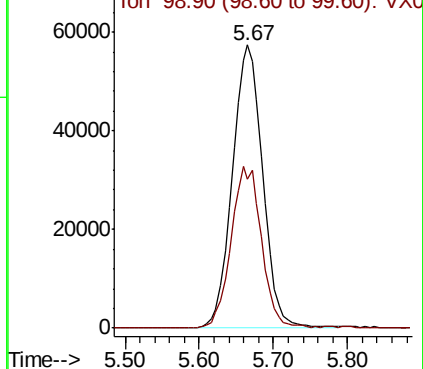
Ion Ratio Lower Upper

168 100

99 52.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V



#18

Methyl Acetate

Concen: 2.300 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005816.D

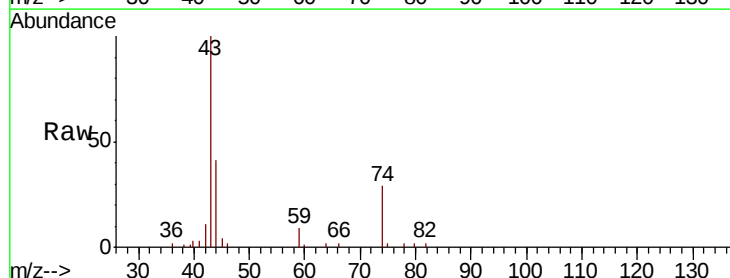
Acq: 06 Nov 2018 18:25

Tgt Ion: 43 Resp: 7903

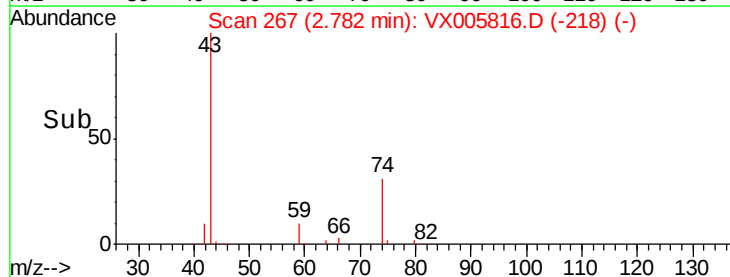
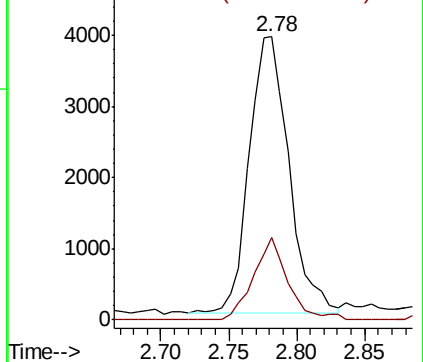
Ion Ratio Lower Upper

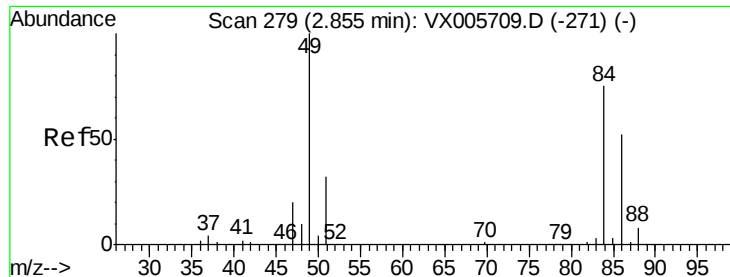
43 100

74 26.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

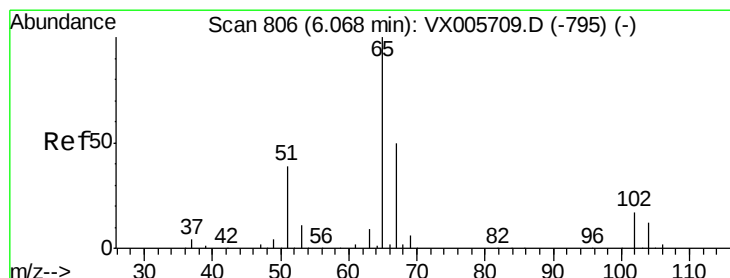
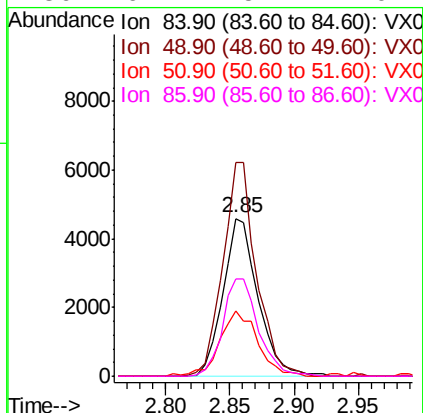
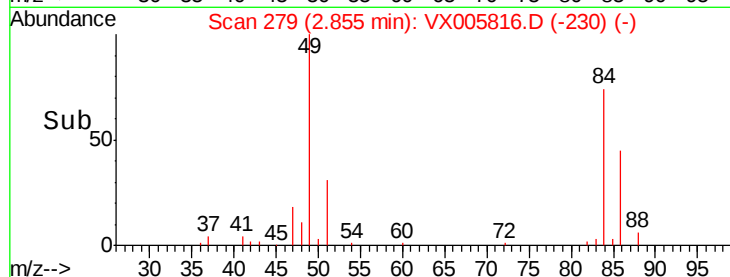
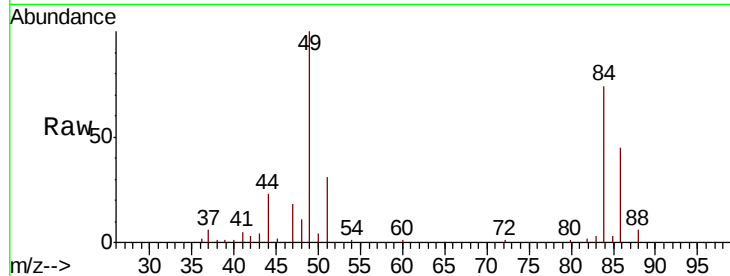




#20
Methylene Chloride
Concen: 4.218 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005816.D
Acq: 06 Nov 2018 18:25

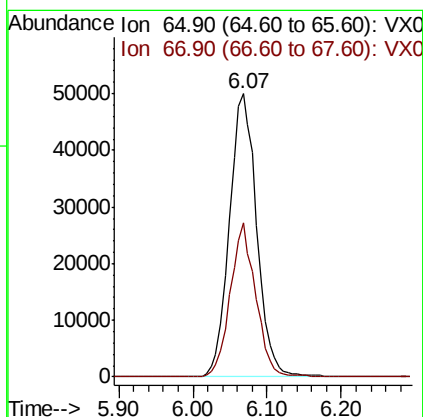
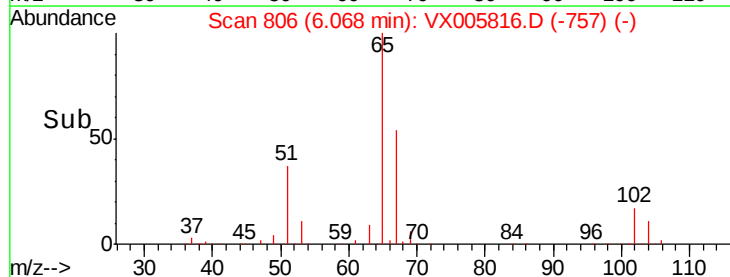
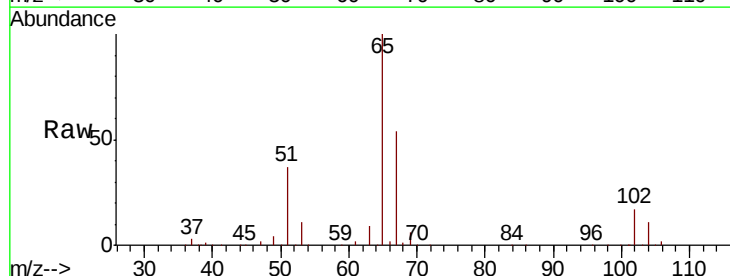
Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#11

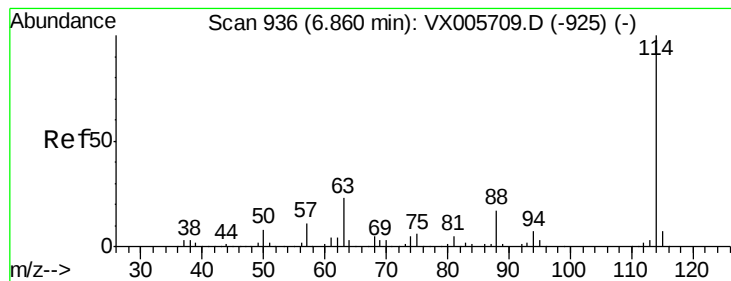
Tot Ion: 84 Resp: 8708
Ion Ratio Lower Upper
84 100
49 135.1 109.5 164.3
51 40.2 33.3 49.9
86 61.4 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 53.698 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005816.D
Acq: 06 Nov 2018 18:25

Tgt Ion: 65 Resp: 128547
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005816.D

Acq: 06 Nov 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#11

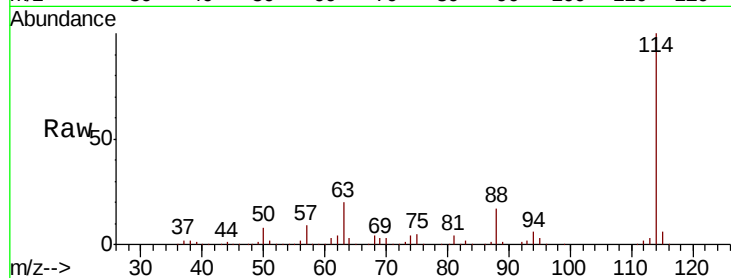
Tot Ion:114 Resp: 287428

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

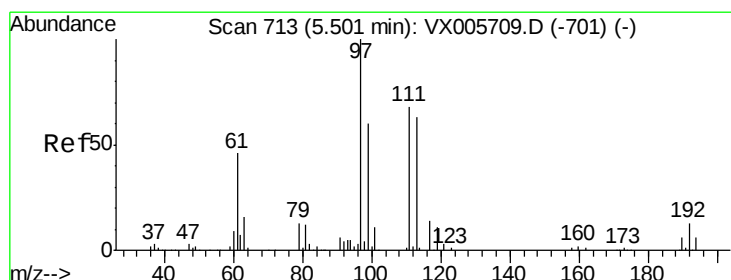
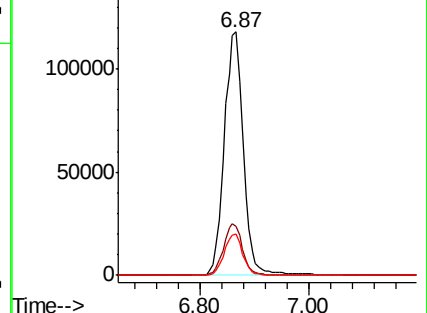
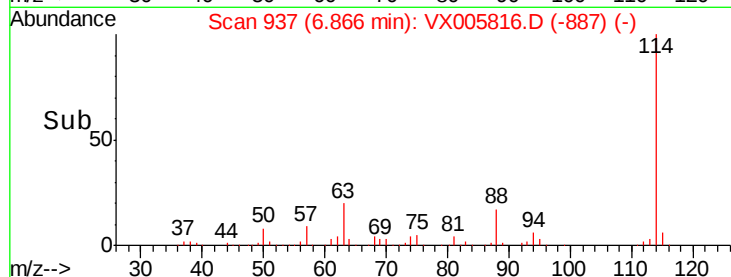
88 16.8 0.0 31.2



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: 46.762 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005816.D

Acq: 06 Nov 2018 18:25

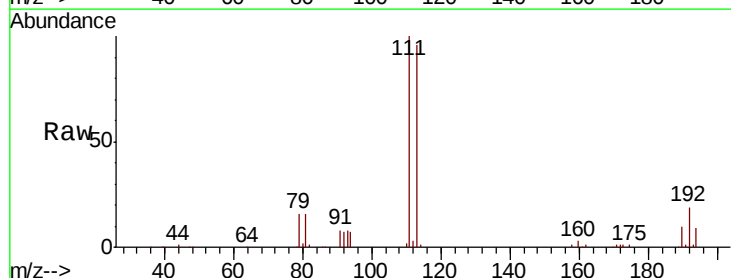
Tgt Ion:113 Resp: 93064

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

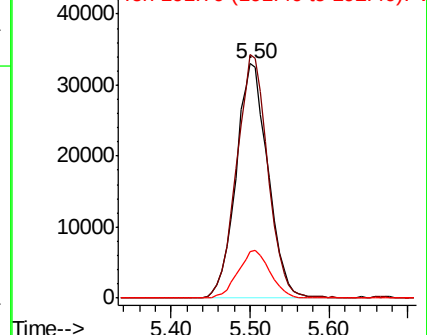
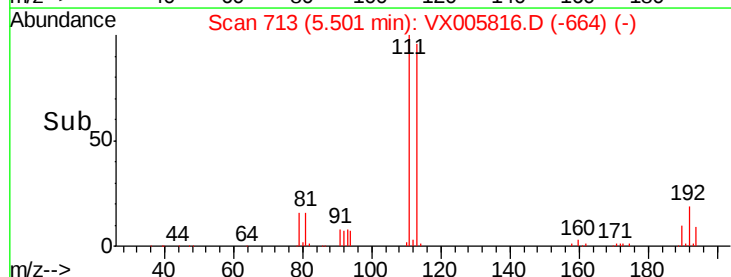
192 20.4 17.9 26.9

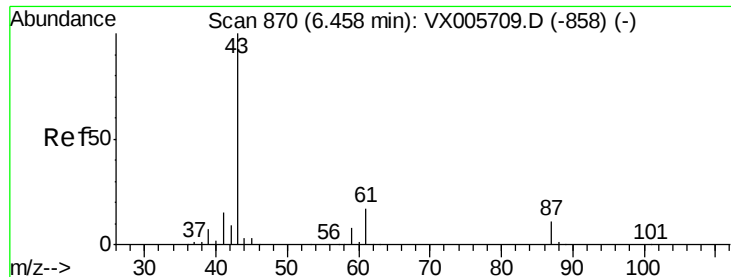


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 24.918 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005816.D

Acq: 06 Nov 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#11

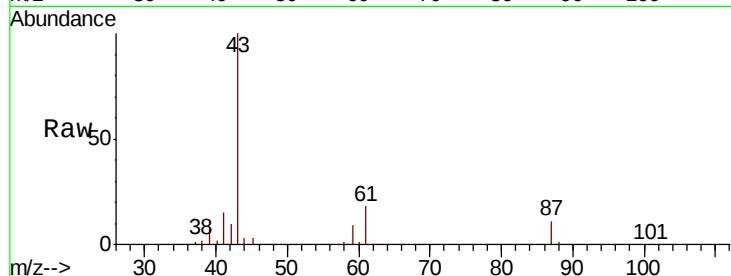
Tot Ion: 43 Resp: 141296

Ion Ratio Lower Upper

43 100

61 19.5 14.6 22.0

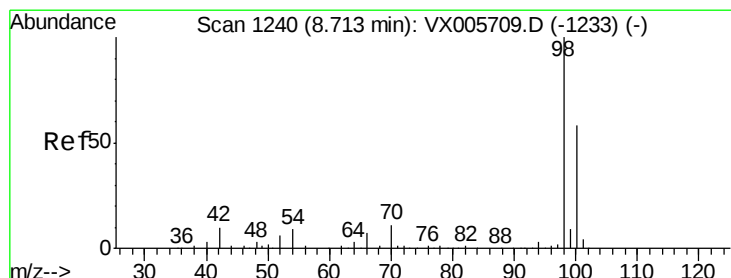
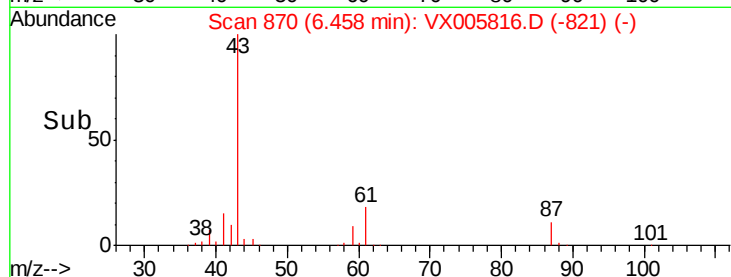
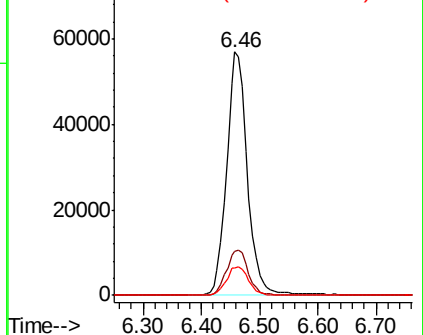
87 12.4 9.6 14.4



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: 50.076 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005816.D

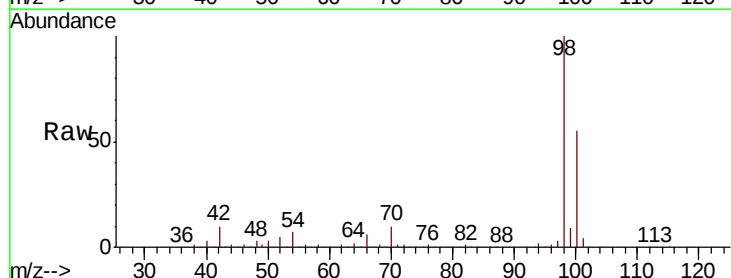
Acq: 06 Nov 2018 18:25

Tgt Ion: 98 Resp: 349538

Ion Ratio Lower Upper

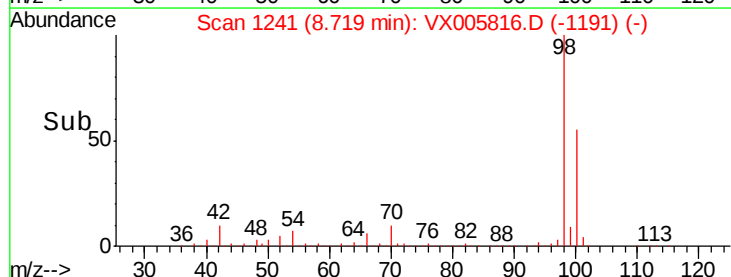
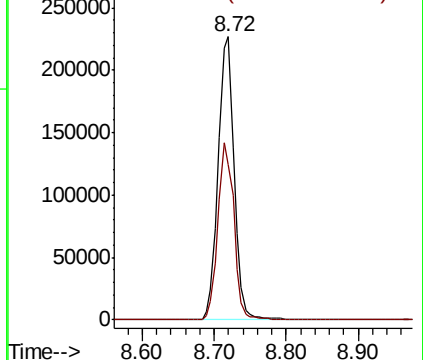
98 100

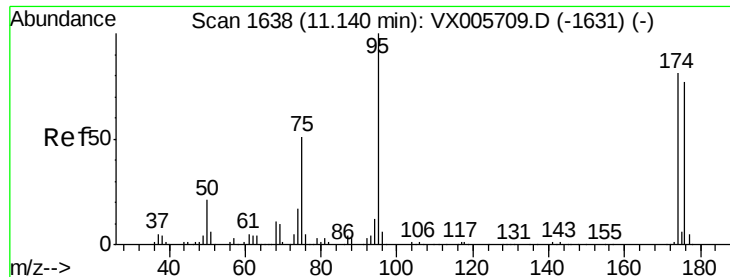
100 62.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.341 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005816.D

Acq: 06 Nov 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#11

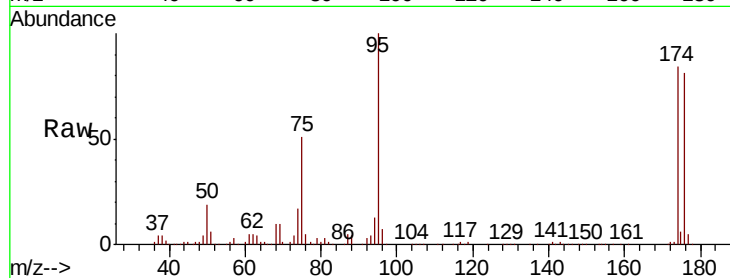
Tot Ion: 95 Resp: 103925

Ion Ratio Lower Upper

95 100

174 80.8 0.0 184.4

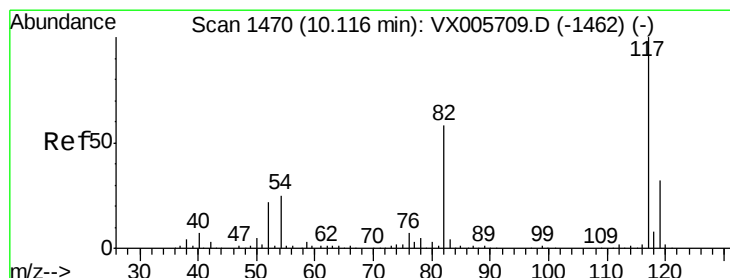
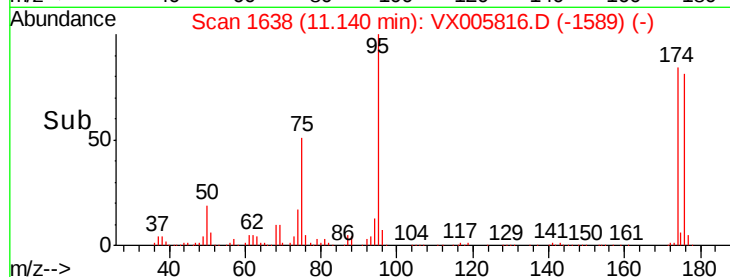
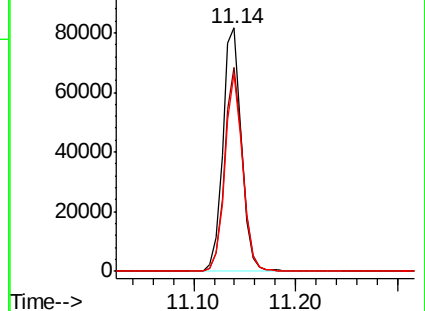
176 77.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005709.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005709.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005709.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005816.D

Acq: 06 Nov 2018 18:25

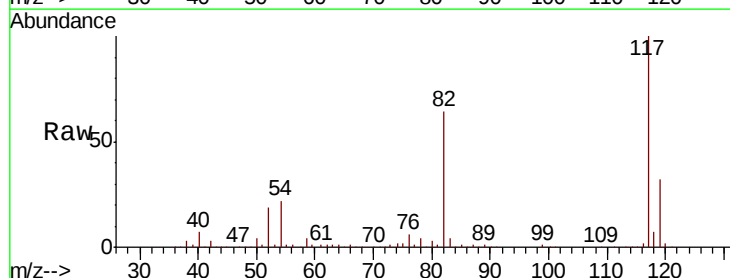
Tgt Ion: 117 Resp: 245849

Ion Ratio Lower Upper

117 100

82 63.7 44.1 66.1

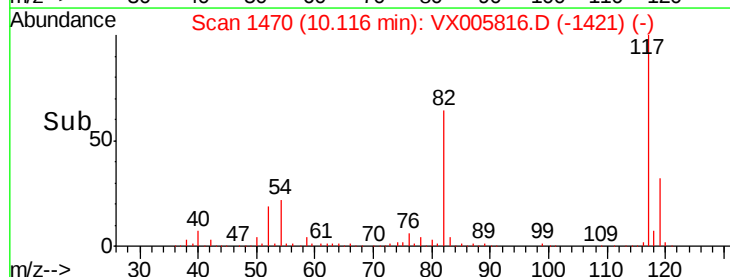
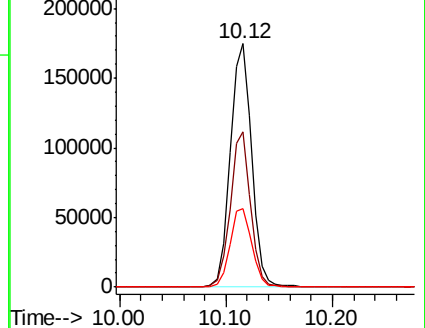
119 32.3 26.2 39.2

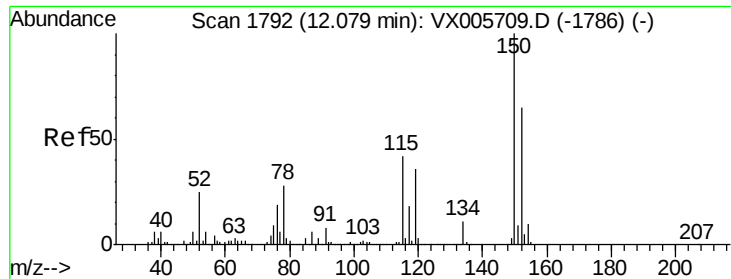


Abundance Ion 116.90 (116.60 to 117.60): VX005709.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005709.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005709.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005816.D

Acq: 06 Nov 2018 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#11

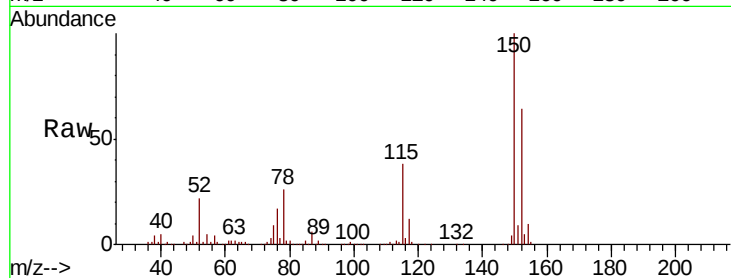
Tot Ion:152 Resp: 103626

Ion Ratio Lower Upper

152 100

115 59.2 39.4 118.1

150 156.1 0.0 346.4



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

