

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005761.D
 Acq On : 02 Nov 2018 17:23
 Operator : JC/MD
 Sample : PB114401ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114401ZHE#12

Quant Time: Nov 03 02:27:58 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

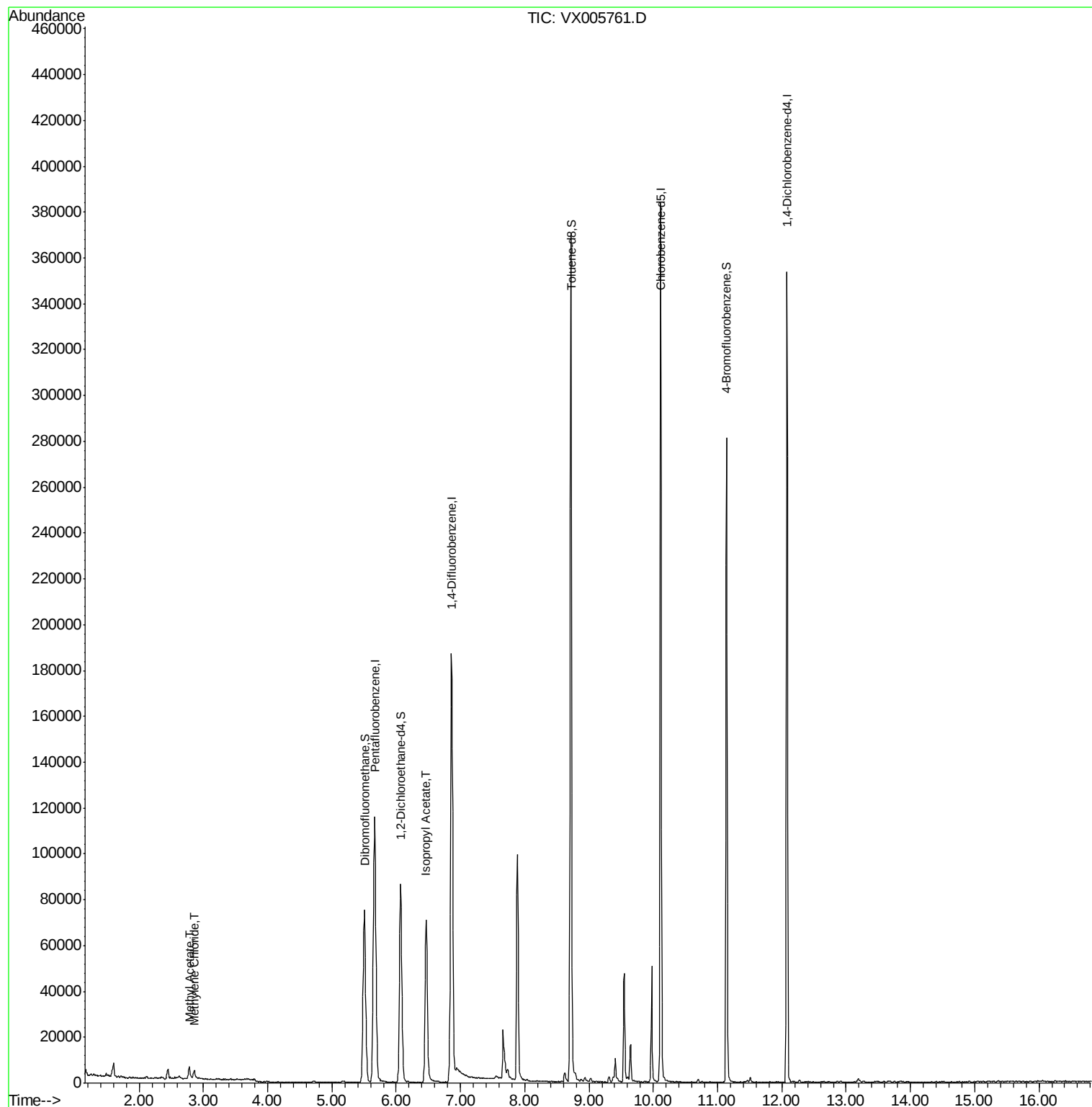
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	183045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	162081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	84955	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	5.51	113	62836	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	8.72	98	224519	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	68115	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.04%	
Target Compounds						
18) Methyl Acetate	2.78	43	6545	2.913	ug/l	92
20) Methylene Chloride	2.86	84	1590	1.178	ug/l #	85
43) Isopropyl Acetate	6.46	43	90601	25.089	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005761.D

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MSVOA_X

ClientSampleId :

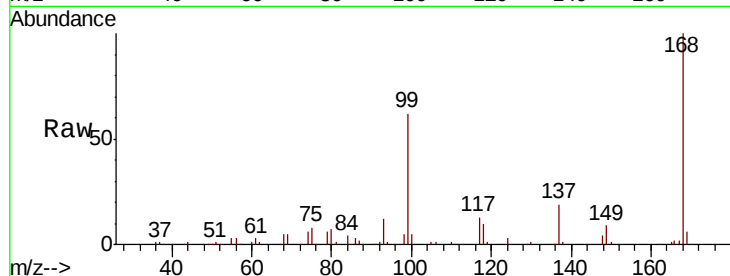
PB114401ZHE#12

Tot Ion:168 Resp: 107094

Ion Ratio Lower Upper

168 100

99 62.2 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

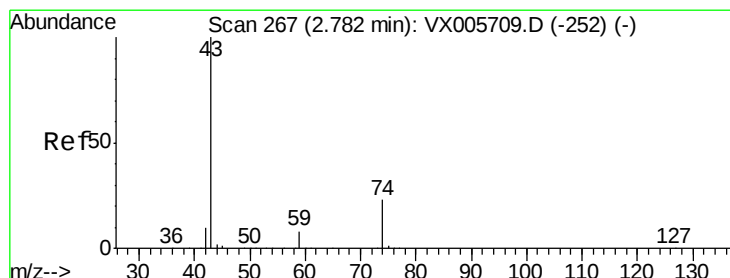
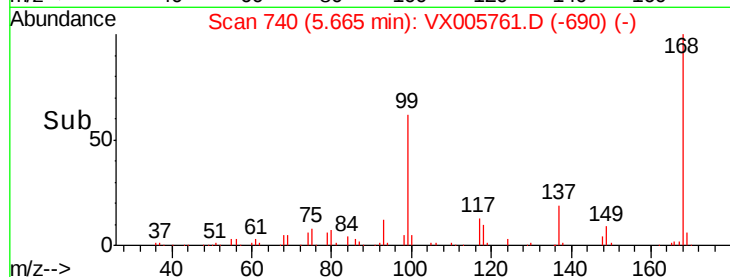
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 2.913 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005761.D

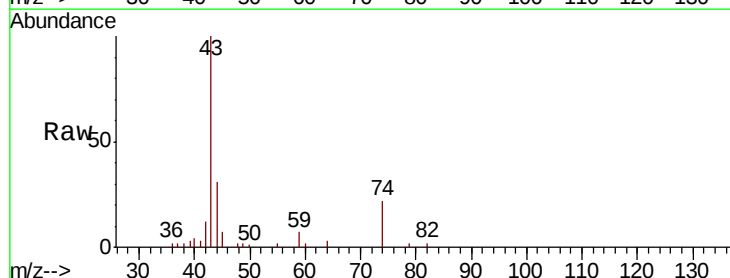
Acq: 02 Nov 2018 17:23

Tgt Ion: 43 Resp: 6545

Ion Ratio Lower Upper

43 100

74 24.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

4000

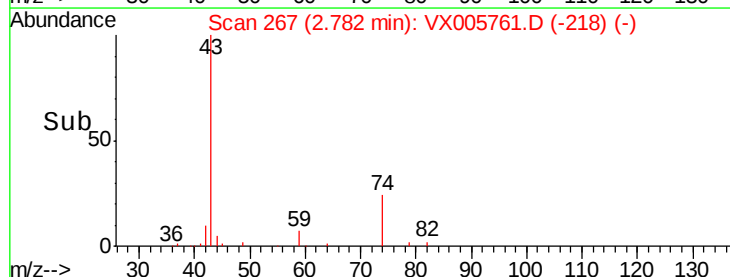
3000

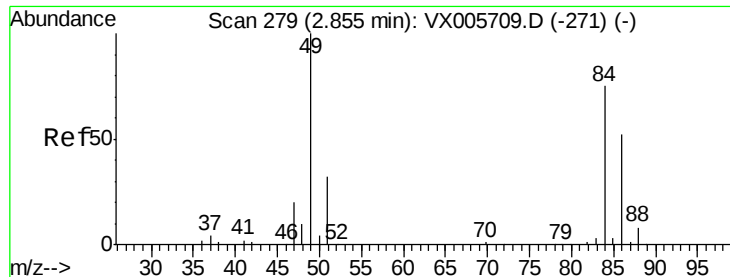
2000

1000

0

Time--> 2.70 2.75 2.80 2.85

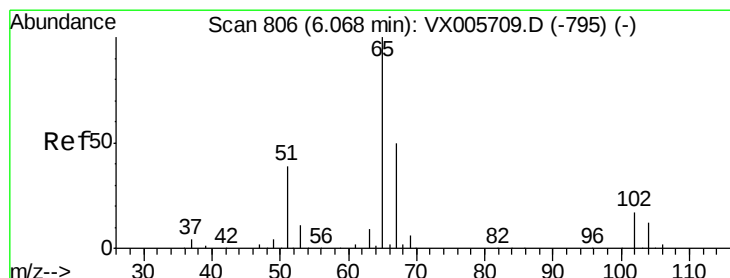
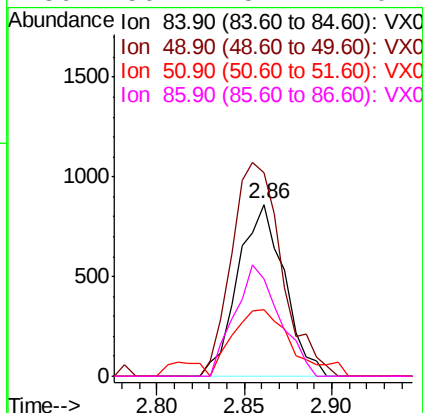
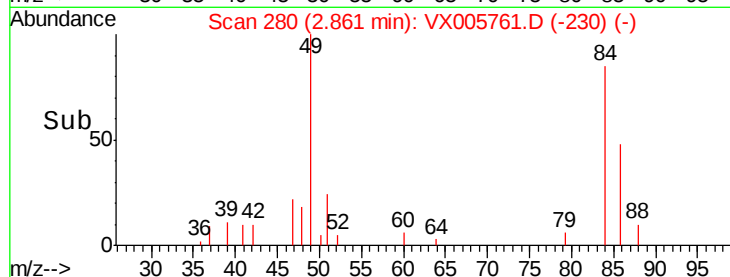
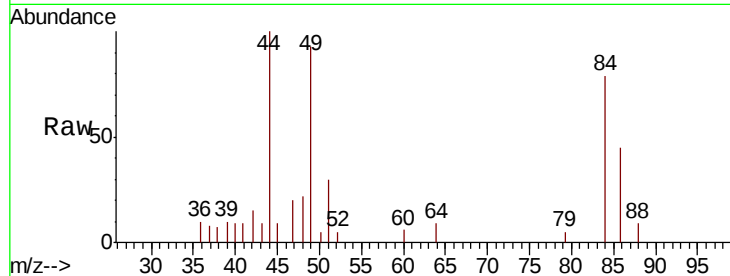




#20
Methylene Chloride
Concen: 1.178 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005761.D
Acq: 02 Nov 2018 17:23

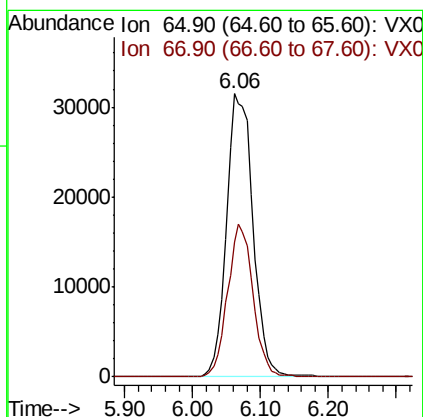
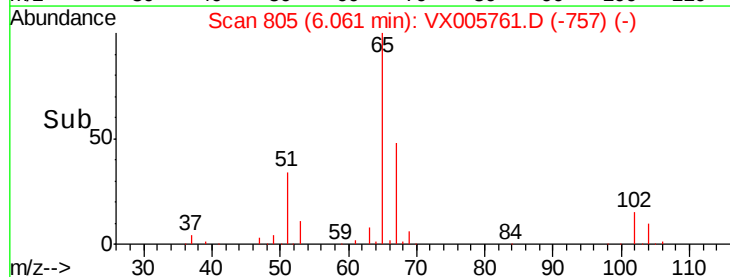
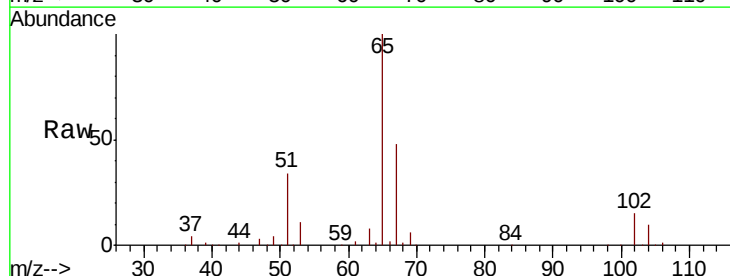
Instrument :
MSVOA_X
ClientSampleId :
PB114401ZHE#12

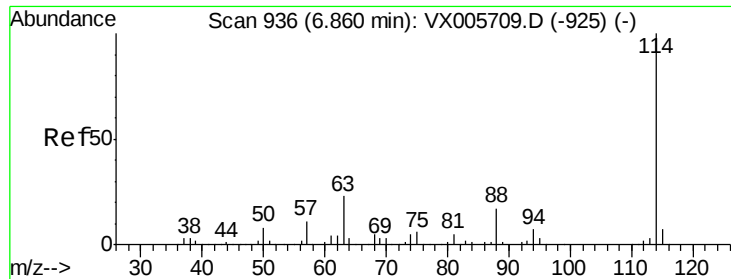
Tot Ion: 84 Resp: 1590
Ion Ratio Lower Upper
84 100
49 118.1 109.5 164.3
51 31.1 33.3 49.9#
86 56.7 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 54.259 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005761.D
Acq: 02 Nov 2018 17:23

Tgt Ion: 65 Resp: 84955
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

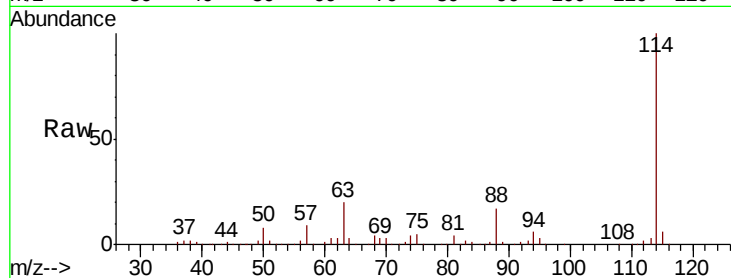




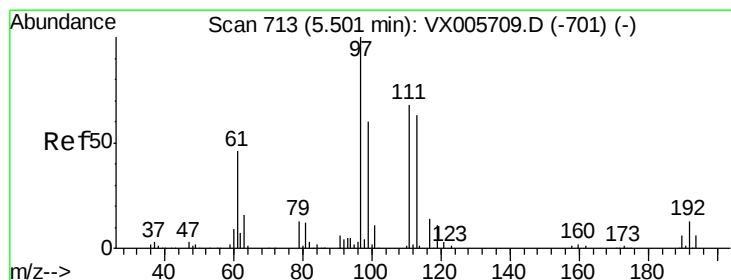
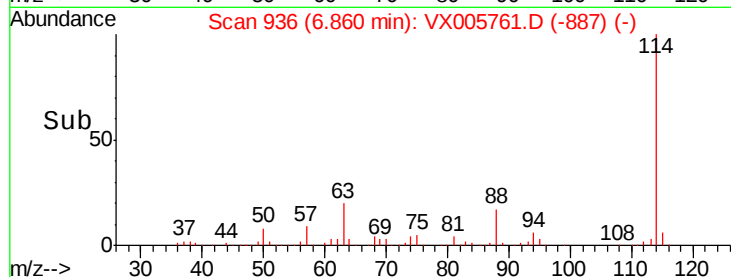
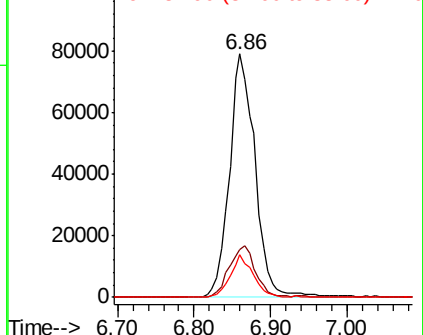
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005761.D
 Acq: 02 Nov 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114401ZHE#12

Tot Ion:114 Resp: 183045
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.8
 88 17.3 0.0 31.2

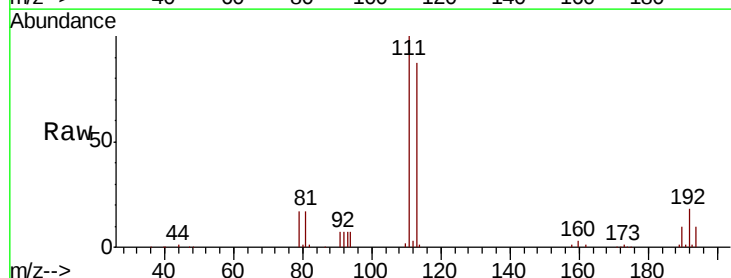


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

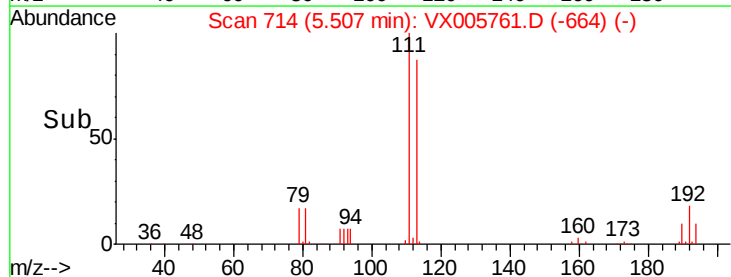
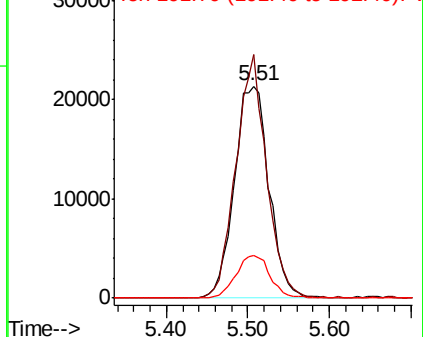


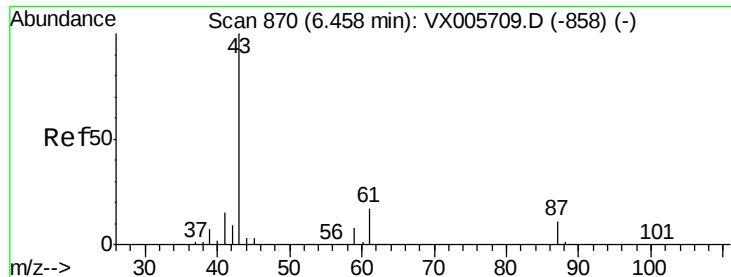
#35
 Dibromofluoromethane
 Concen: 49.578 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005761.D
 Acq: 02 Nov 2018 17:23

Tgt Ion:113 Resp: 62836
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.3 123.5
 192 19.7 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



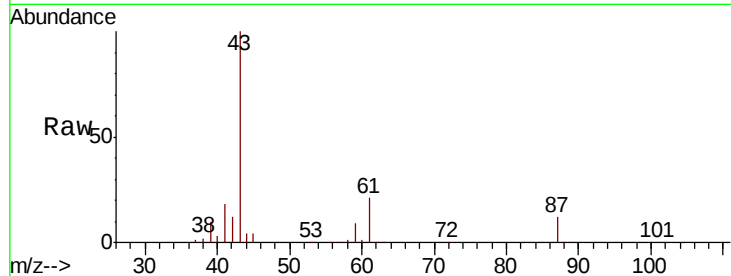


#43

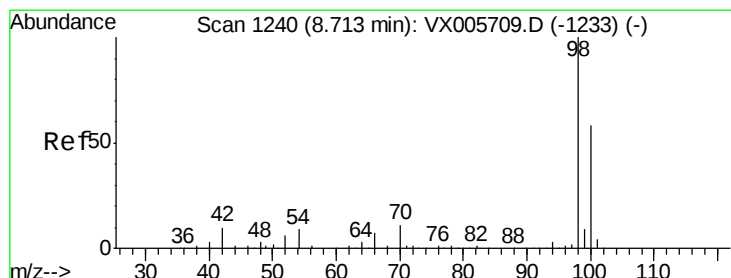
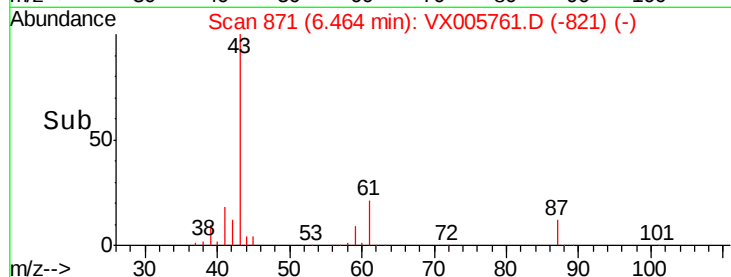
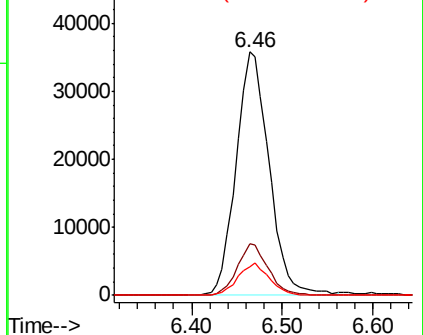
Isopropyl Acetate
 Concen: 25.089 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005761.D
 Acq: 02 Nov 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114401ZHE#12

Tot Ion: 43 Resp: 90601
 Ion Ratio Lower Upper
 43 100
 61 19.8 14.6 22.0
 87 12.7 9.6 14.4



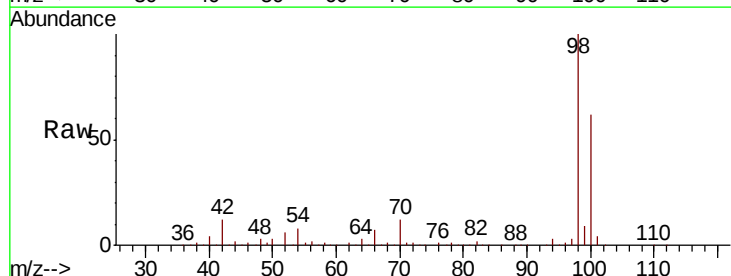
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



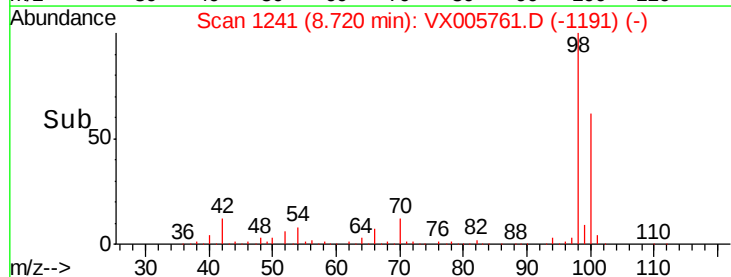
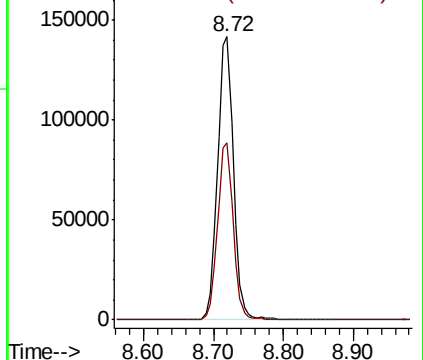
#50

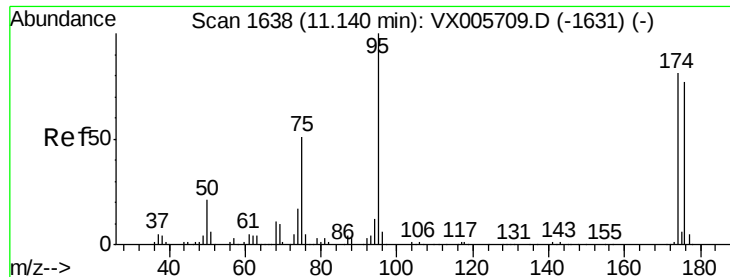
Toluene-d8
 Concen: 50.508 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX005761.D
 Acq: 02 Nov 2018 17:23

Tgt Ion: 98 Resp: 224519
 Ion Ratio Lower Upper
 98 100
 100 61.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.518 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005761.D

Acq: 02 Nov 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

PB114401ZHE#12

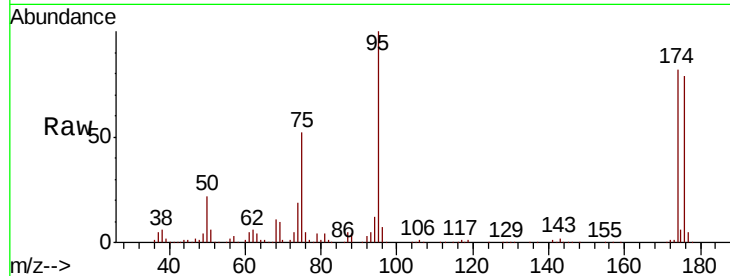
Tot Ion: 95 Resp: 68115

Ion Ratio Lower Upper

95 100

174 81.7 0.0 184.4

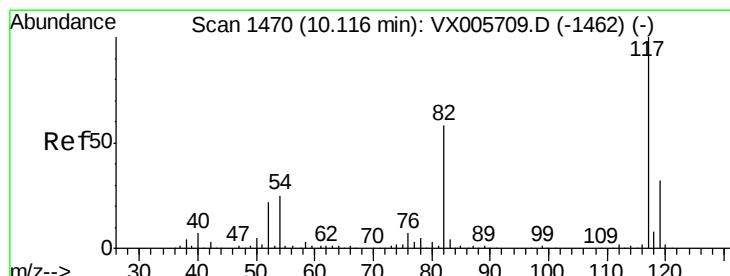
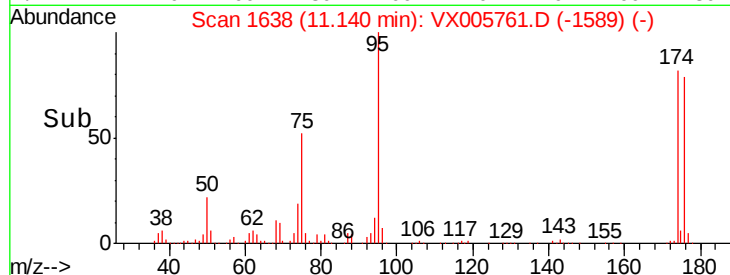
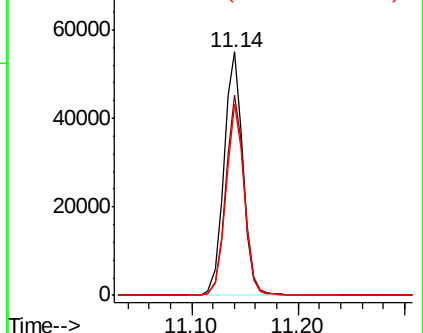
176 76.5 0.0 177.4



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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005761.D

Acq: 02 Nov 2018 17:23

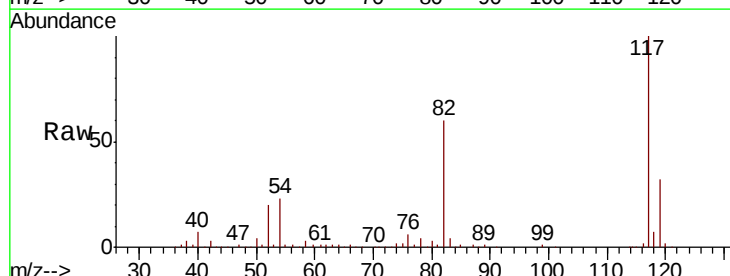
Tgt Ion: 117 Resp: 162081

Ion Ratio Lower Upper

117 100

82 59.6 44.1 66.1

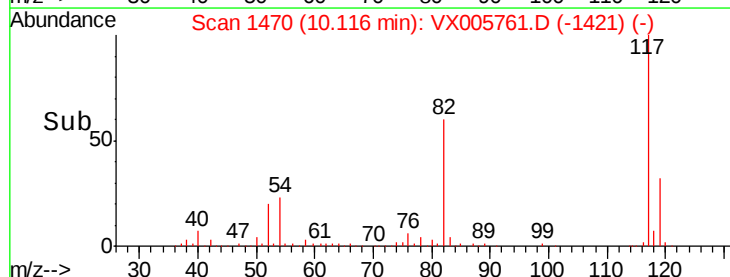
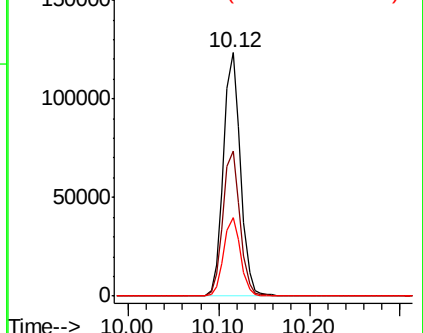
119 32.2 26.2 39.2

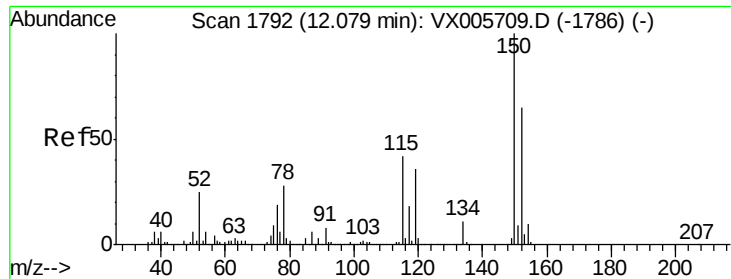


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005761.D

Acq: 02 Nov 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

PB114401ZHE#12

Tot Ion:152 Resp: 66456

Ion Ratio Lower Upper

152 100

115 60.6 39.4 118.1

150 159.2 0.0 346.4

