

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004935.D
 Acq On : 02 Oct 2018 22:36
 Operator : JC/MD
 Sample : PB113401ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113401ZHE#03

Quant Time: Oct 03 07:04:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

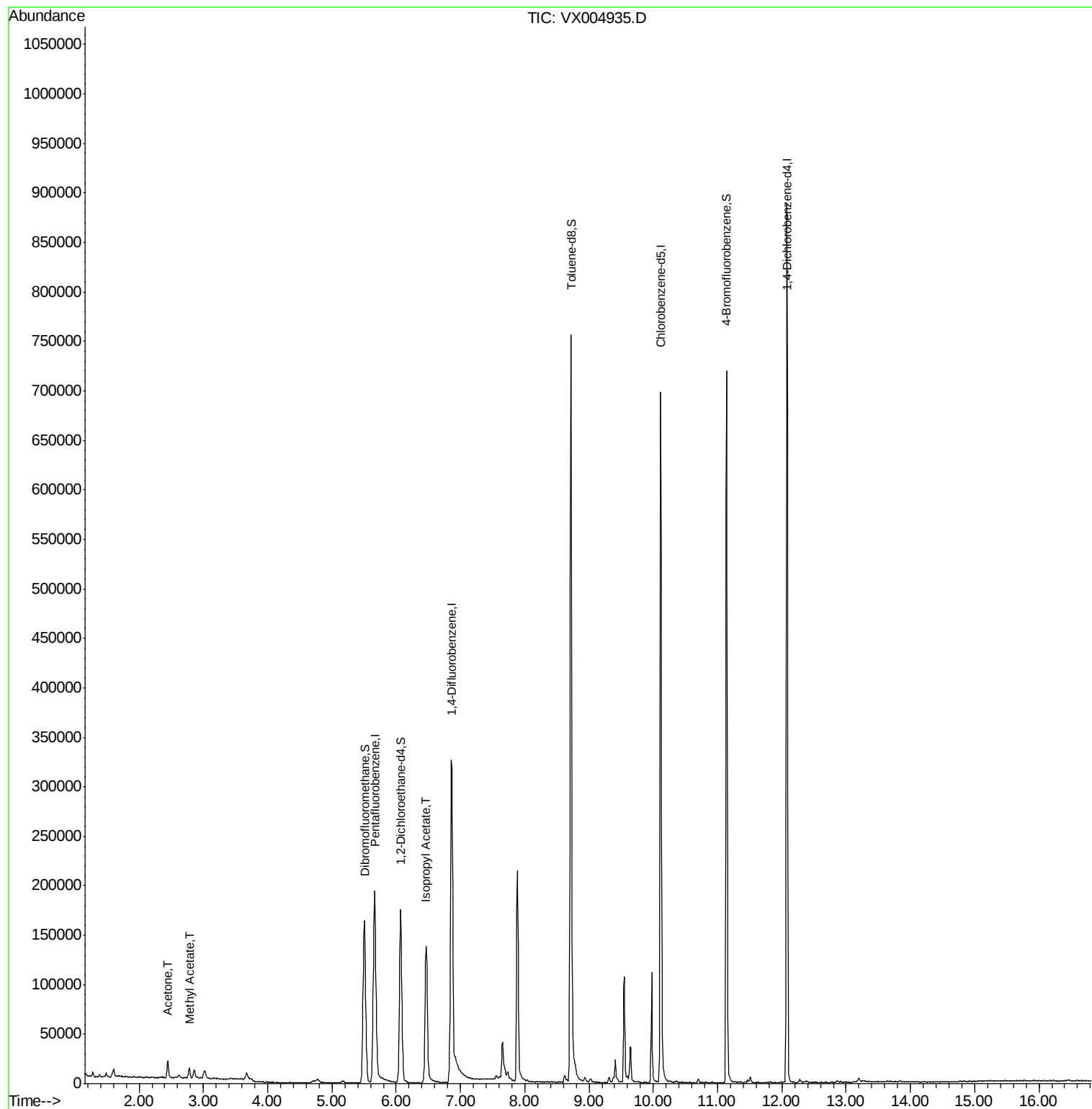
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164734	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
35) Dibromofluoromethane	5.51	113	139511	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	8.72	98	510333	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.14	95	182011	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
Target Compounds						
16) Acetone	2.45	43	18626	10.977	ug/l	92
18) Methyl Acetate	2.78	43	12712	2.957	ug/l	98
43) Isopropyl Acetate	6.46	43	196148	25.647	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: VX004935.D

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Instrument :

MSVOA_X

ClientSampleId :

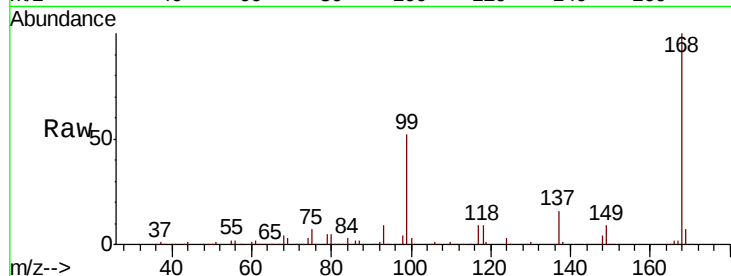
PB113401ZHE#03

Tot Ion:168 Resp: 203455

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

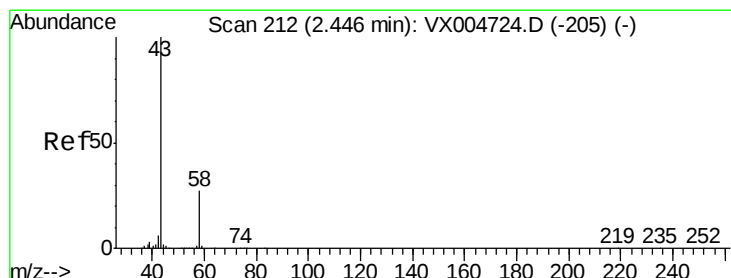
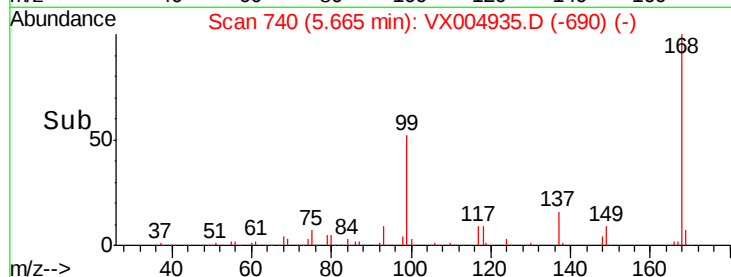
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.977 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004935.D

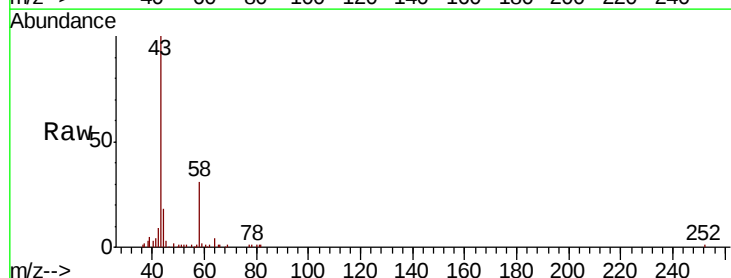
Acq: 02 Oct 2018 22:36

Tgt Ion: 43 Resp: 18626

Ion Ratio Lower Upper

43 100

58 31.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

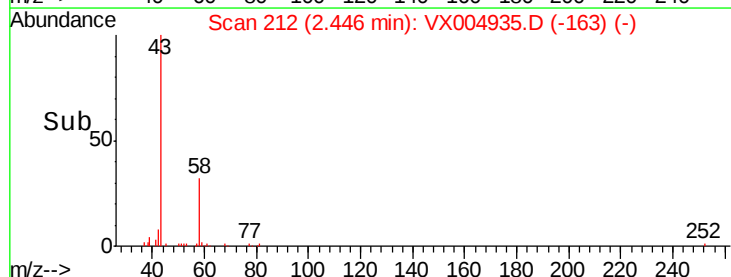
2.45

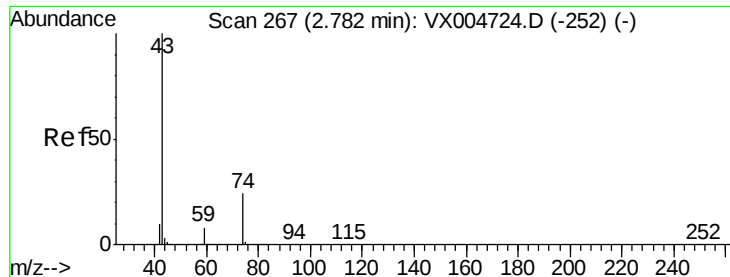
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

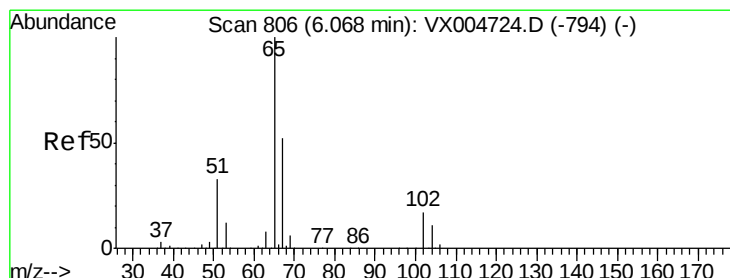
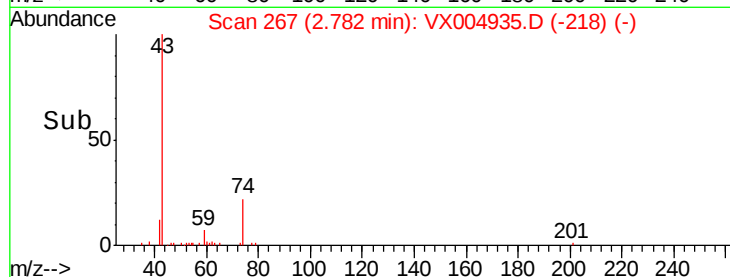
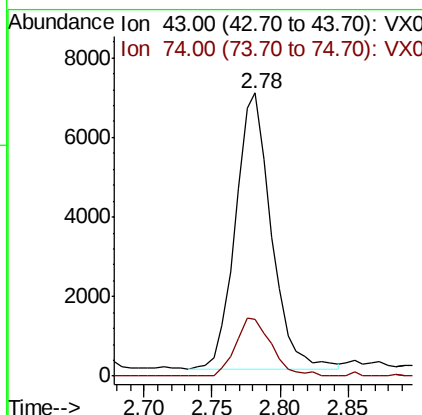
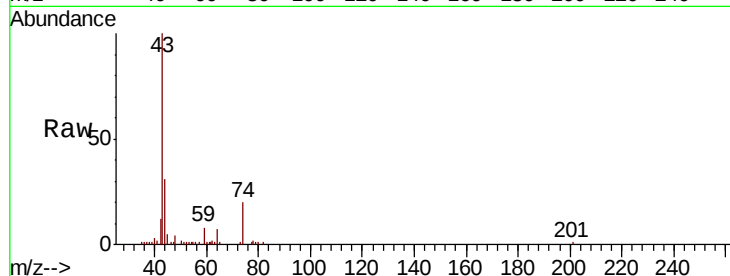




#18
Methvl Acetate
Concen: 2.957 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004935.D
Acq: 02 Oct 2018 22:36

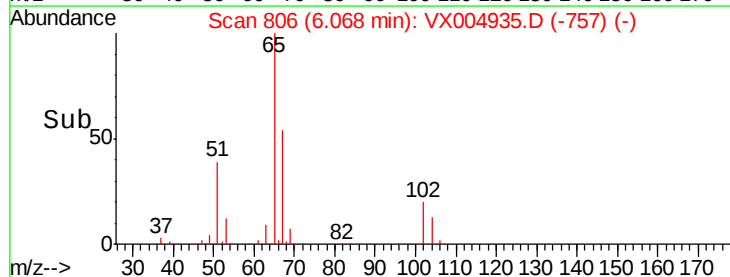
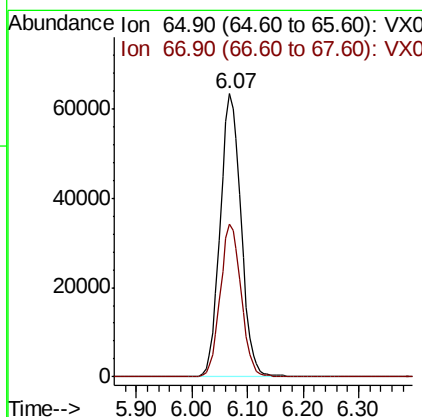
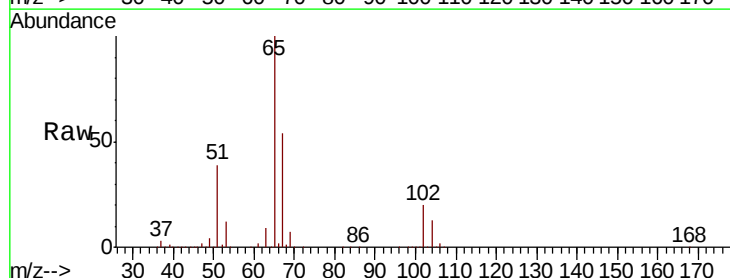
Instrument :
MSVOA_X
ClientSampleId :
PB113401ZHE#03

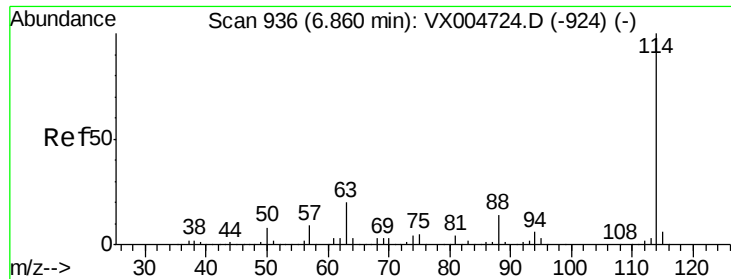
Tot Ion: 43 Resp: 12712
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 56.681 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004935.D
Acq: 02 Oct 2018 22:36

Tgt Ion: 65 Resp: 164734
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

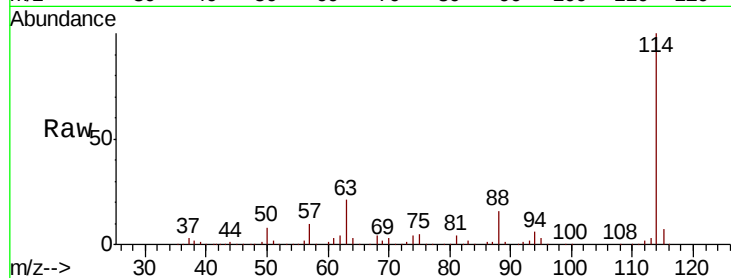




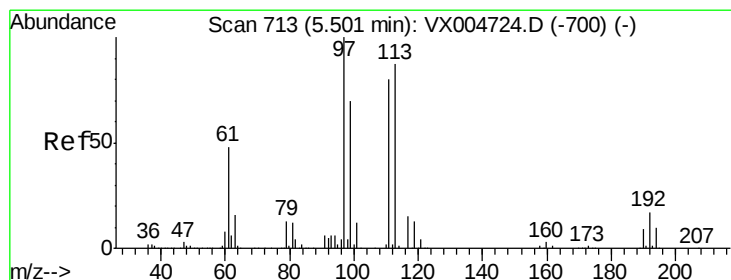
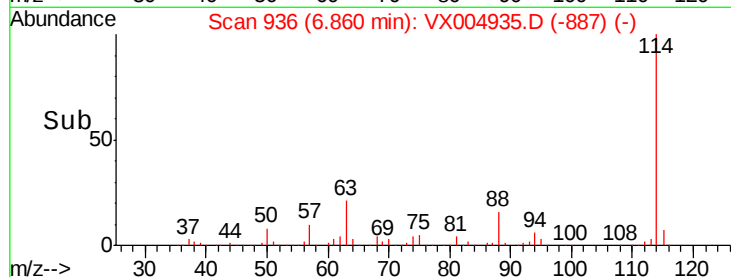
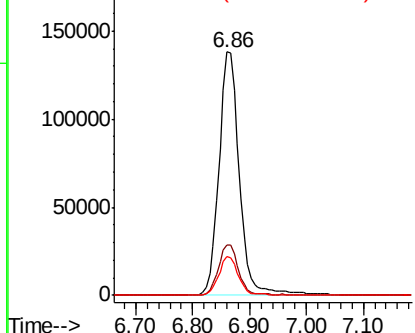
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004935.D
 Acq: 02 Oct 2018 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113401ZHE#03

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.8
88	15.7	0.0	27.0

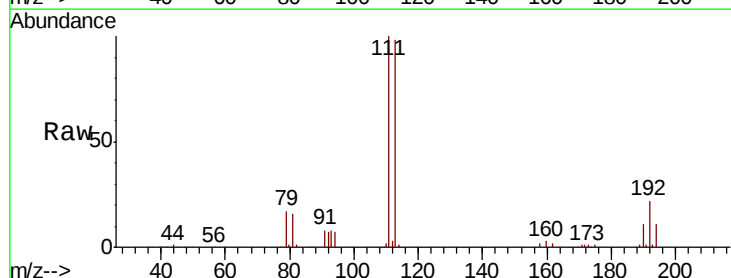


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

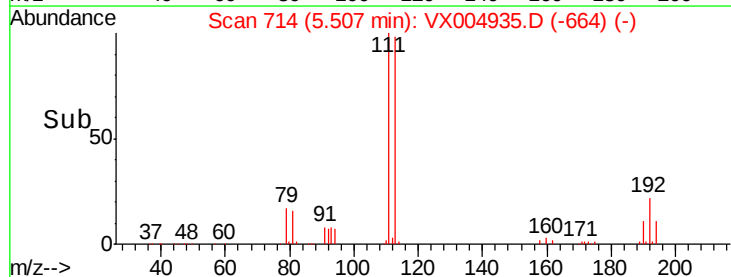
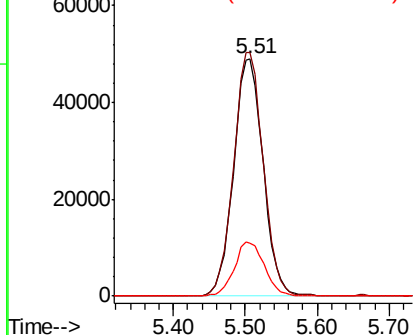


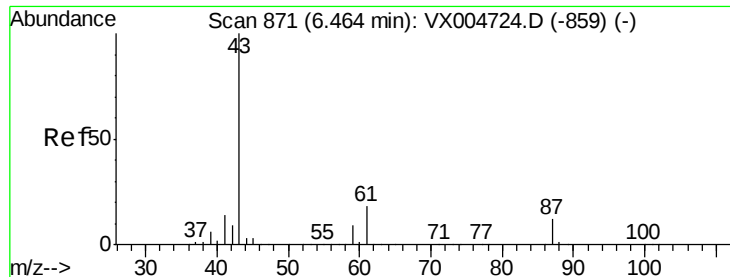
#35
 Dibromofluoromethane
 Concen: 47.684 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004935.D
 Acq: 02 Oct 2018 22:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	77.0	115.4
192	23.1	17.0	25.6



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: 25.647 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004935.D

Acq: 02 Oct 2018 22:36

Instrument :

MSVOA_X

ClientSampleId :

PB113401ZHE#03

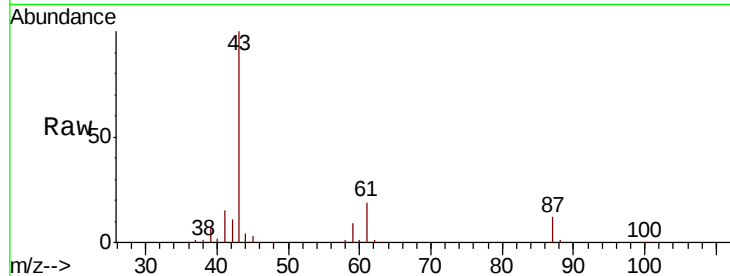
Tot Ion: 43 Resp: 196148

Ion Ratio Lower Upper

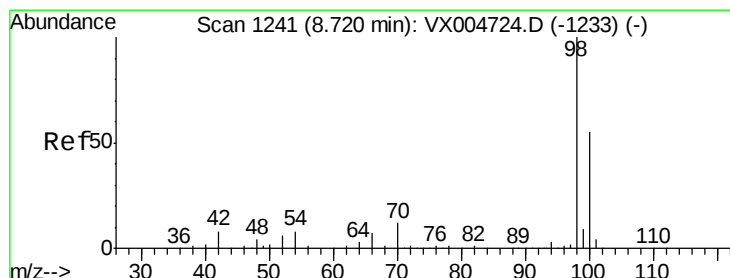
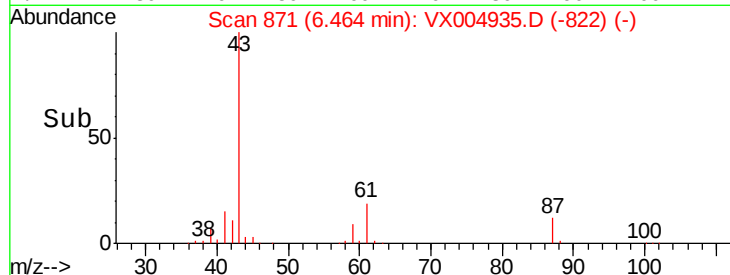
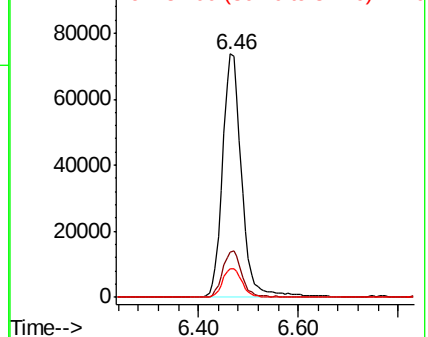
43 100

61 18.9 14.2 21.4

87 12.1 9.3 13.9



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: 52.467 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004935.D

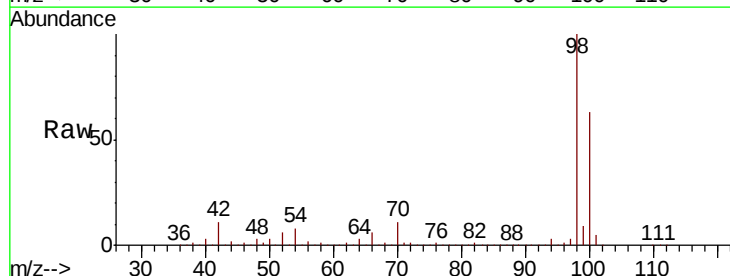
Acq: 02 Oct 2018 22:36

Tgt Ion: 98 Resp: 510333

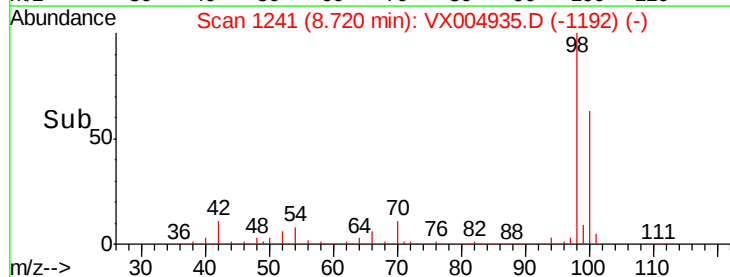
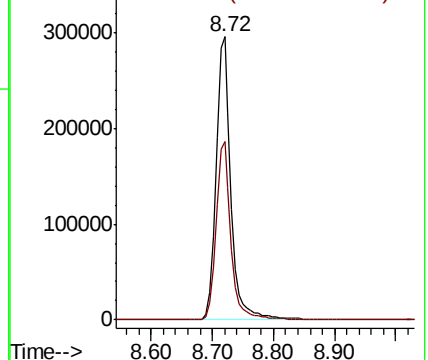
Ion Ratio Lower Upper

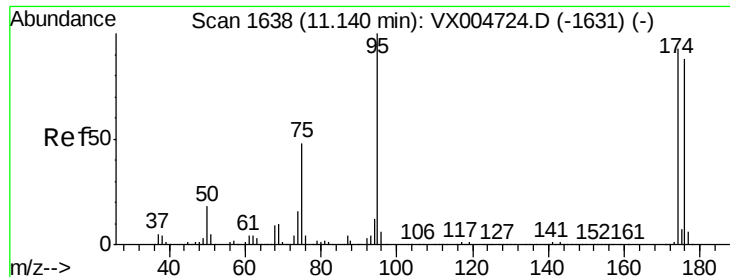
98 100

100 62.9 51.9 77.9



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





#62

4-Bromofluorobenzene

Concen: 51.943 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004935.D

Acq: 02 Oct 2018 22:36

Instrument :

MSVOA_X

ClientSampleId :

PB113401ZHE#03

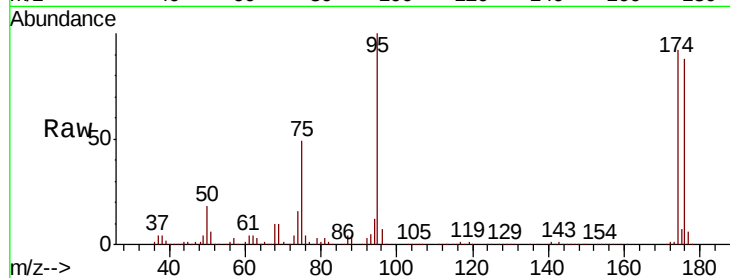
Tot Ion: 95 Resp: 182011

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

176 87.5 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

11.14

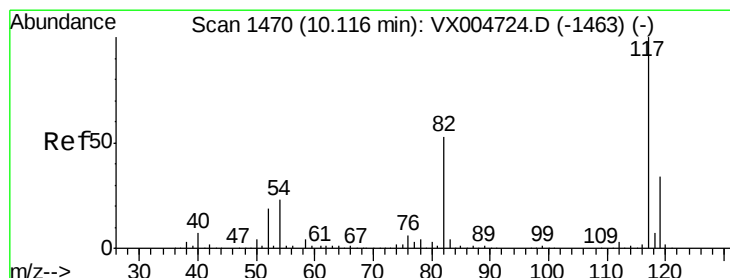
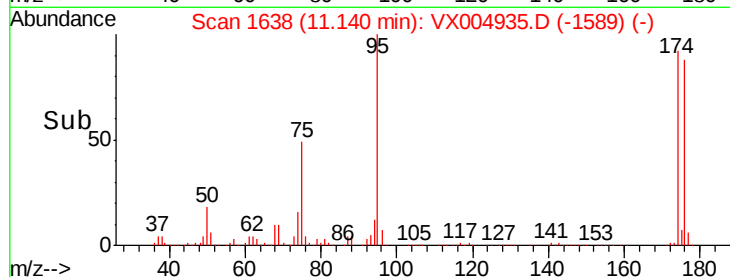
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004935.D

Acq: 02 Oct 2018 22:36

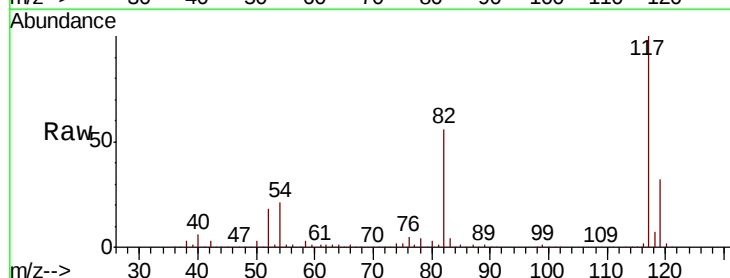
Tgt Ion: 117 Resp: 350171

Ion Ratio Lower Upper

117 100

82 55.5 42.2 63.4

119 32.2 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

10.12

300000

250000

200000

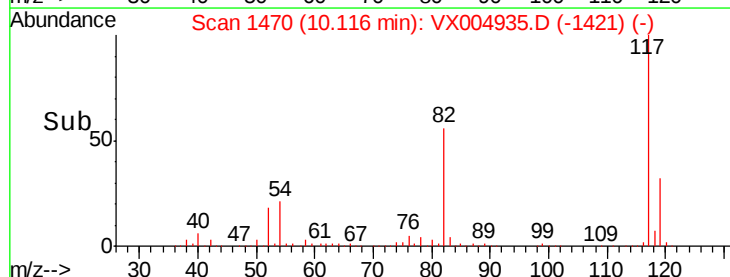
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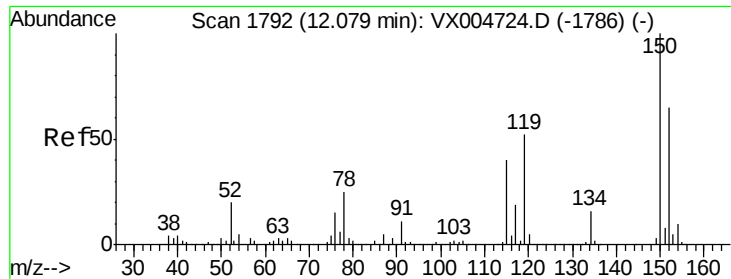
100000

50000

0

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004935.D
 Acq: 02 Oct 2018 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113401ZHE#03

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	40.2	120.6
150	158.7	0.0	351.0

