

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005470.D
 Acq On : 22 Oct 2018 15:13
 Operator : JC/MD
 Sample : PB114041TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041TB

Quant Time: Oct 23 01:57:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

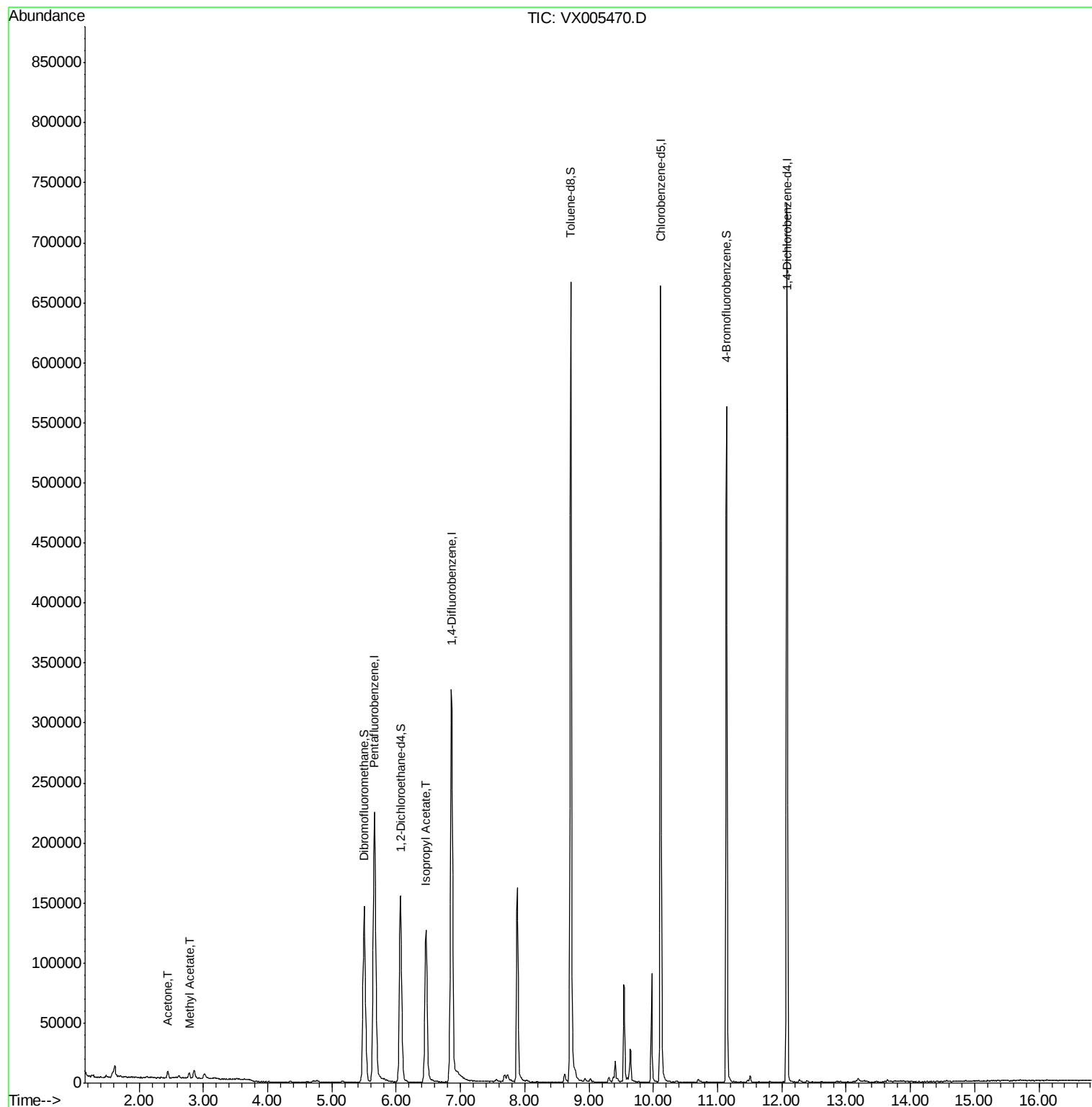
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151033	59.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.54%	
35) Dibromofluoromethane	5.50	113	115608	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	8.71	98	411462	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	136581	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
16) Acetone	2.45	43	6181	4.195	ug/l	92
18) Methyl Acetate	2.78	43	5049	1.204	ug/l	97
43) Isopropyl Acetate	6.47	43	175354	31.085	ug/l	95

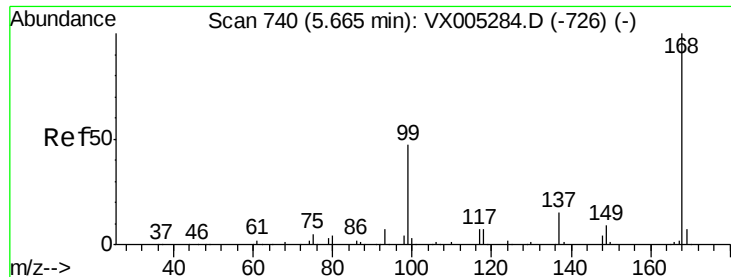
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005470.D

Acq: 22 Oct 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

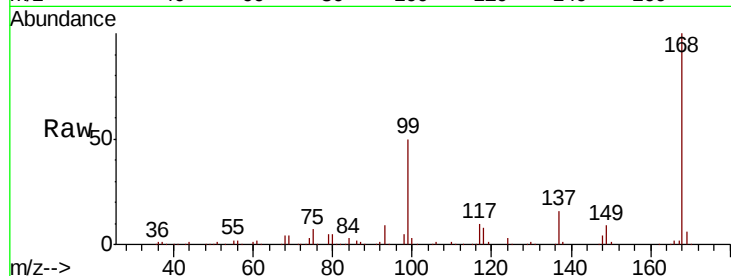
PB114041TB

Tot Ion:168 Resp: 229612

Ion Ratio Lower Upper

168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

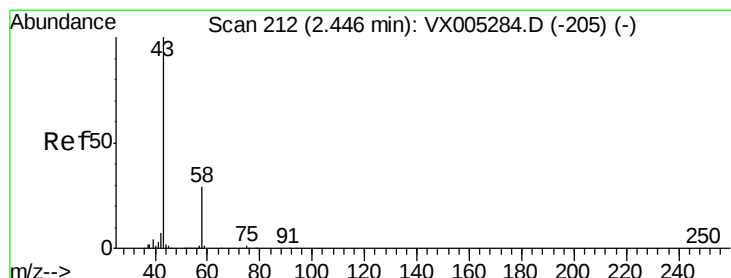
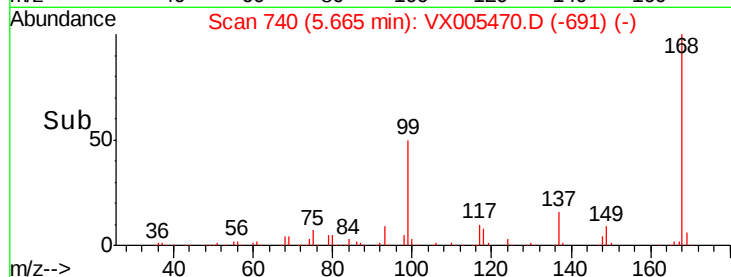
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.195 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005470.D

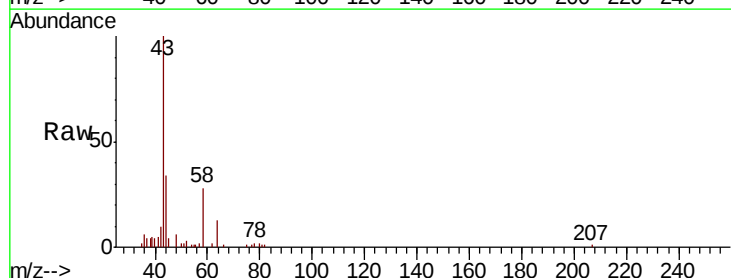
Acq: 22 Oct 2018 15:13

Tgt Ion: 43 Resp: 6181

Ion Ratio Lower Upper

43 100

58 28.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

3000

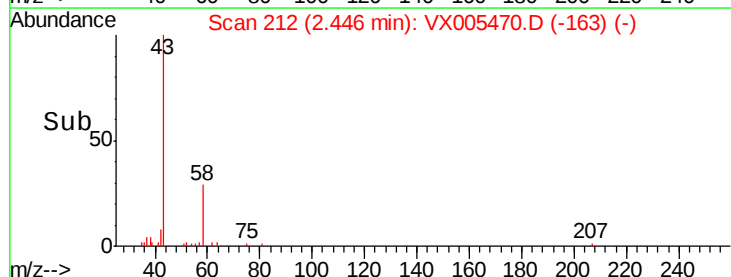
2000

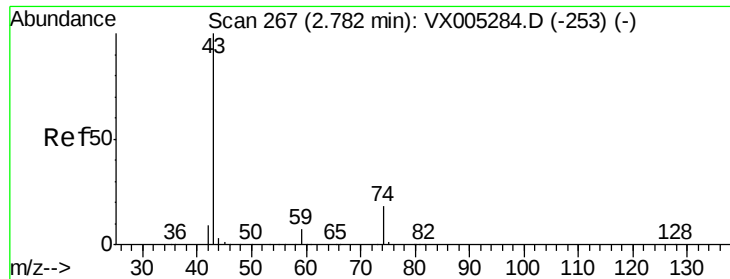
1000

0

Time-->

2.35 2.40 2.45 2.50

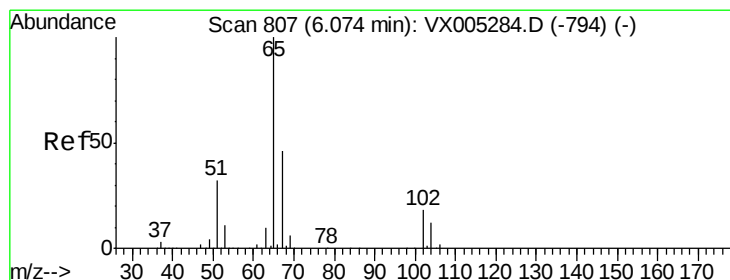
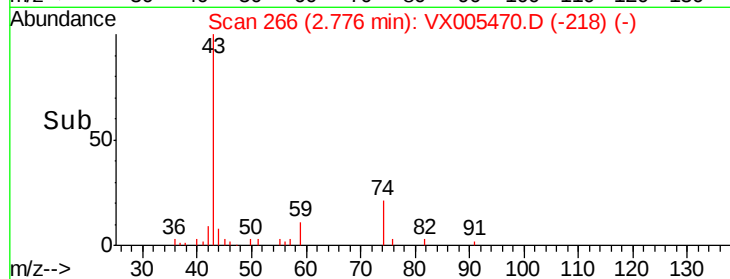
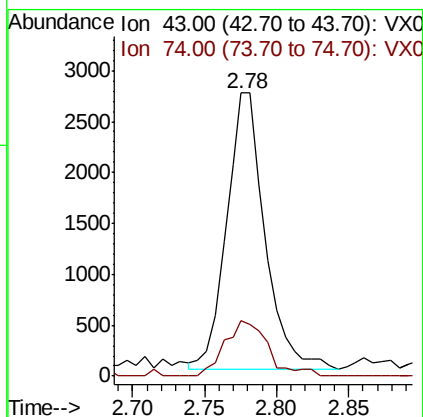
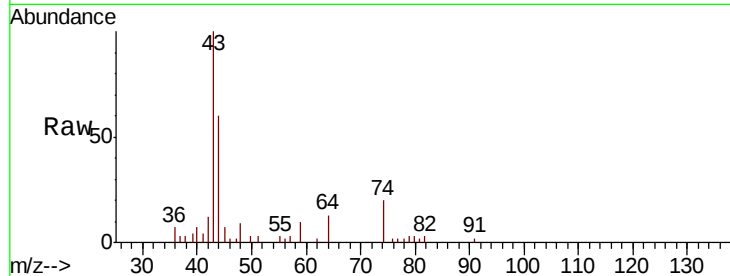




#18
Methvl Acetate
Concen: 1.204 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005470.D
Acq: 22 Oct 2018 15:13

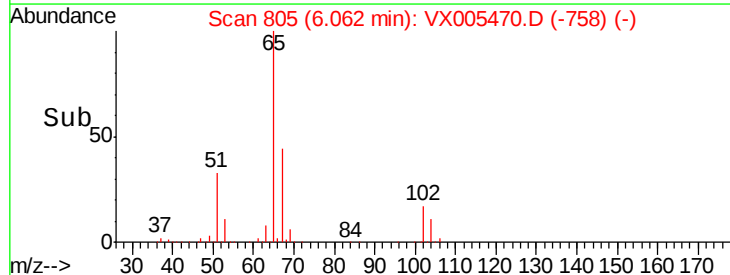
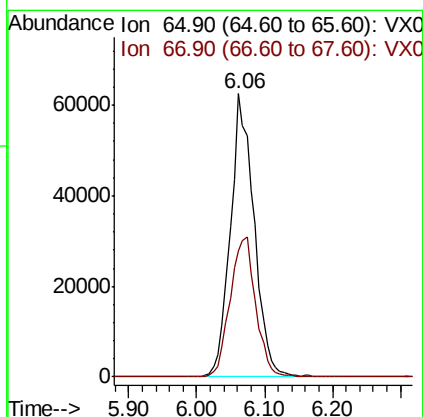
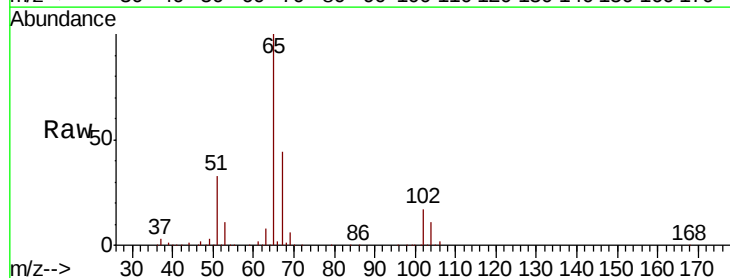
Instrument :
MSVOA_X
ClientSampleId :
PB114041TB

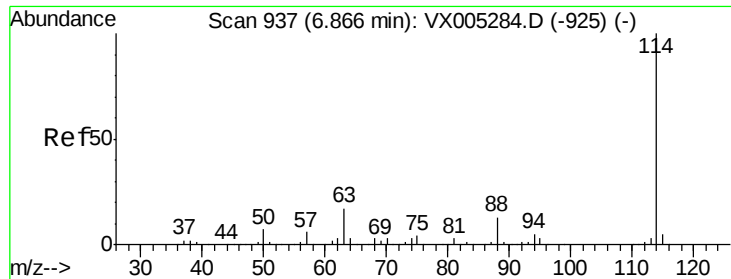
Tot Ion: 43 Resp: 5049
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 59.267 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005470.D
Acq: 22 Oct 2018 15:13

Tgt Ion: 65 Resp: 151033
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8

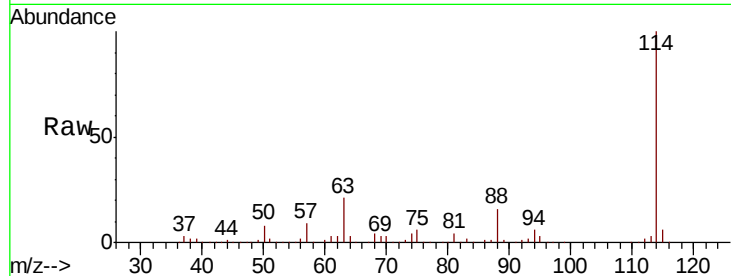




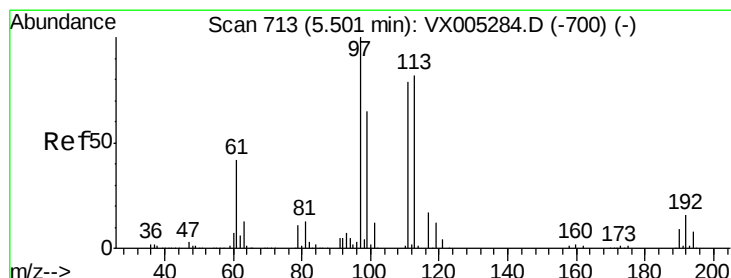
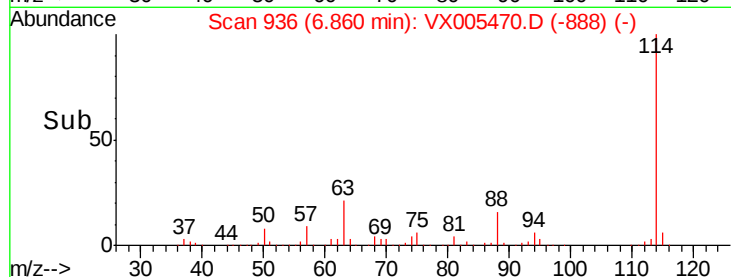
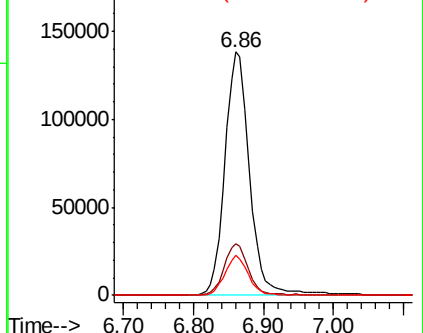
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005470.D
Acq: 22 Oct 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
PB114041TB

Tot Ion:114 Resp: 340005
Ion Ratio Lower Upper
114 100
63 21.4 0.0 39.0
88 16.3 0.0 30.4

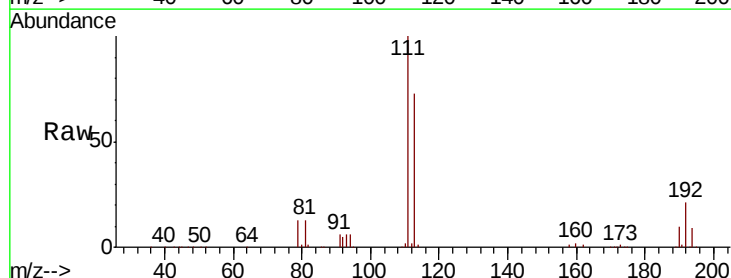


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

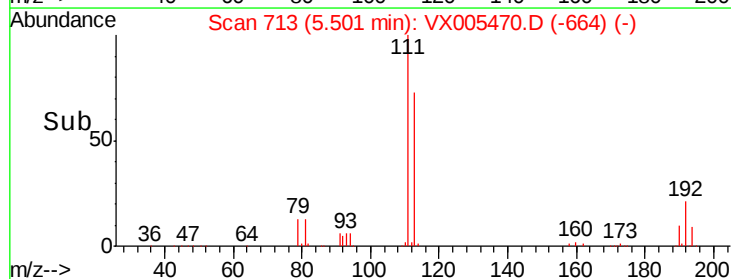
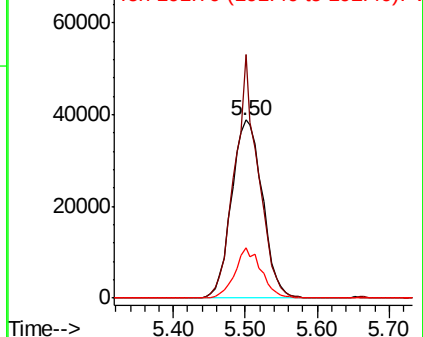


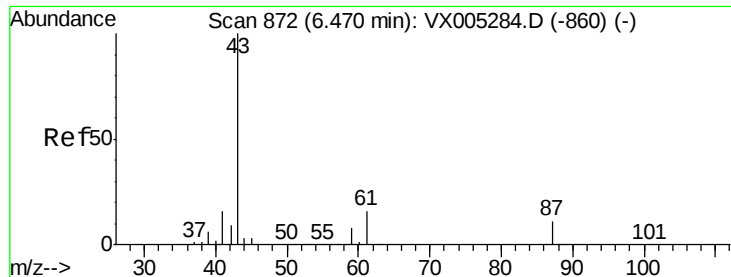
#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005470.D
Acq: 22 Oct 2018 15:13

Tgt Ion:113 Resp: 115608
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 24.0 19.4 29.2



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: 31.085 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX005470.D

Acq: 22 Oct 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

PB114041TB

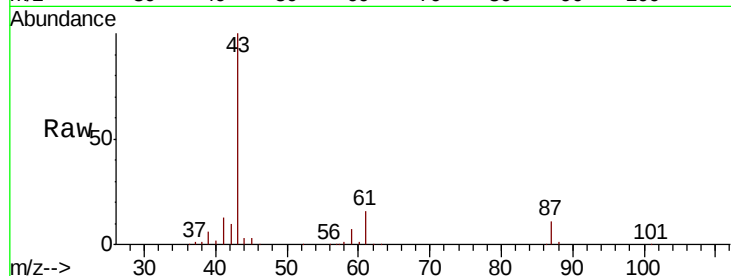
Tot Ion: 43 Resp: 175354

Ion Ratio Lower Upper

43 100

61 19.7 17.0 25.4

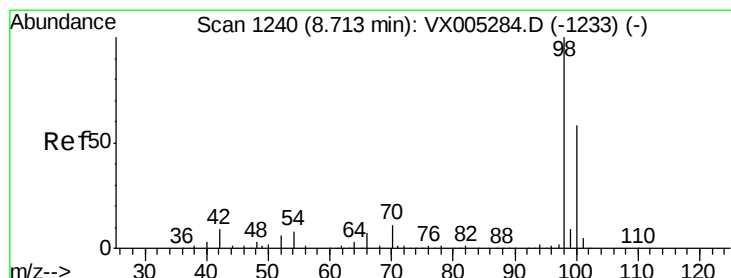
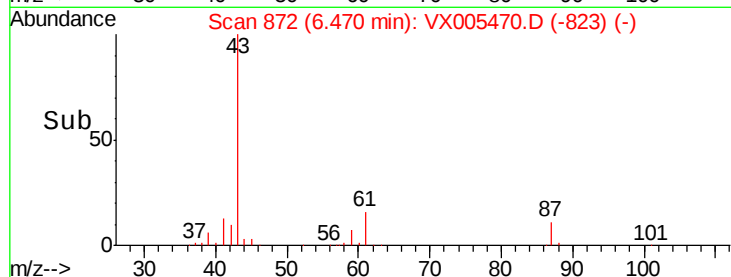
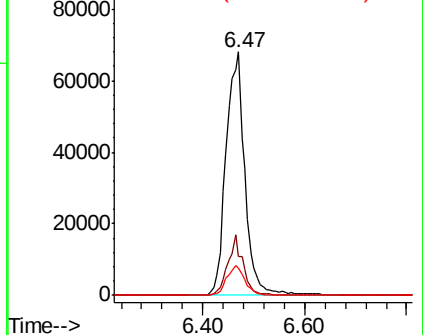
87 11.6 11.4 17.2



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: 53.222 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005470.D

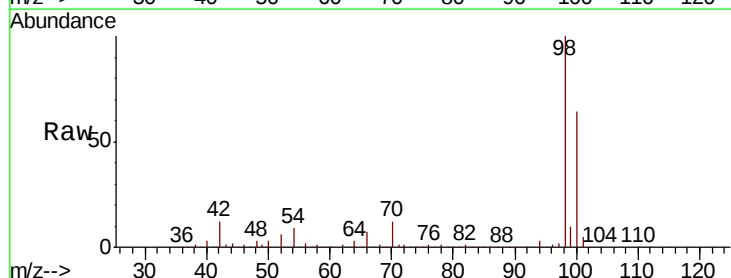
Acq: 22 Oct 2018 15:13

Tgt Ion: 98 Resp: 411462

Ion Ratio Lower Upper

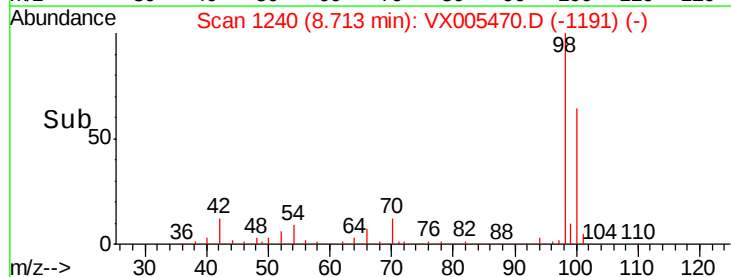
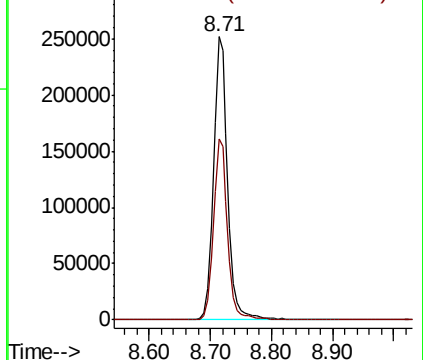
98 100

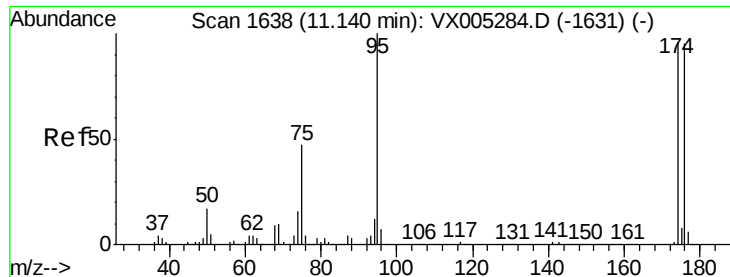
100 64.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

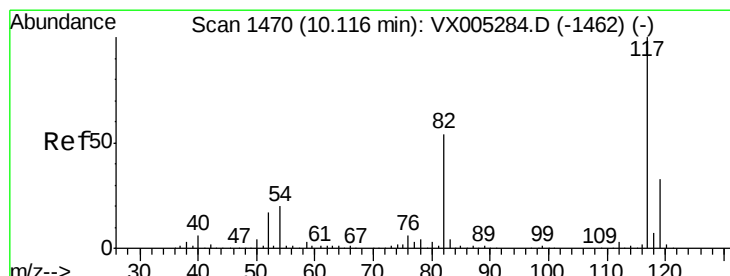
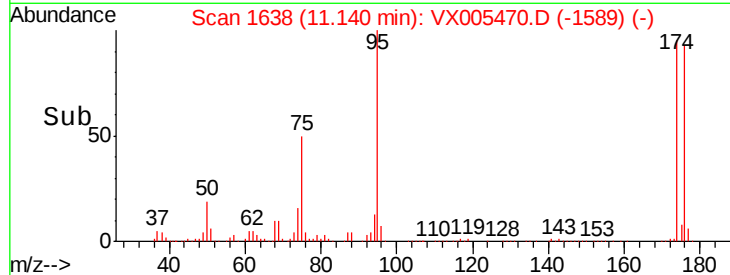
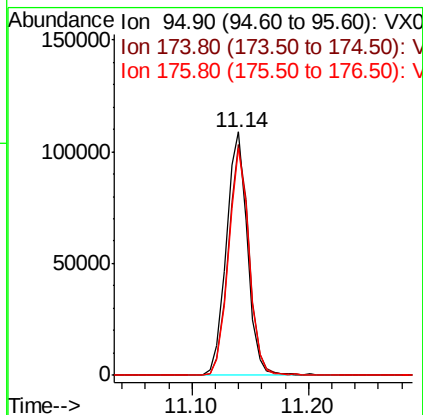
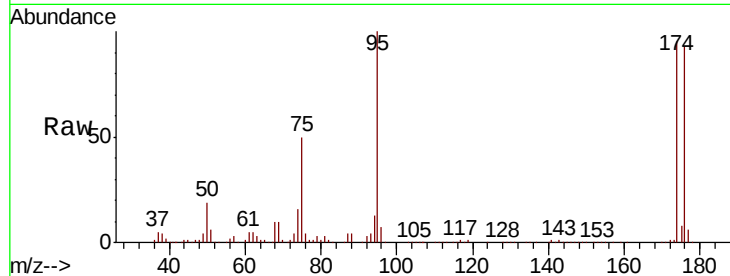




#62
4-Bromofluorobenzene
Concen: 47.027 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005470.D
Acq: 22 Oct 2018 15:13

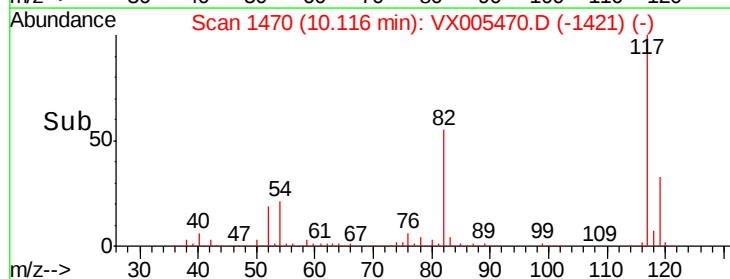
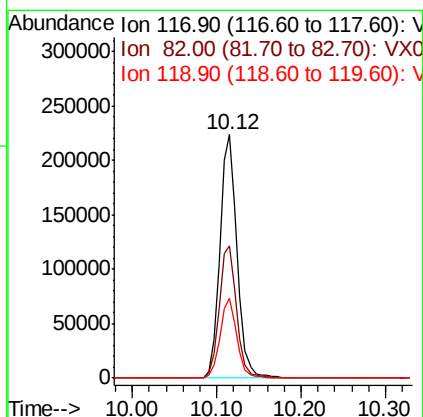
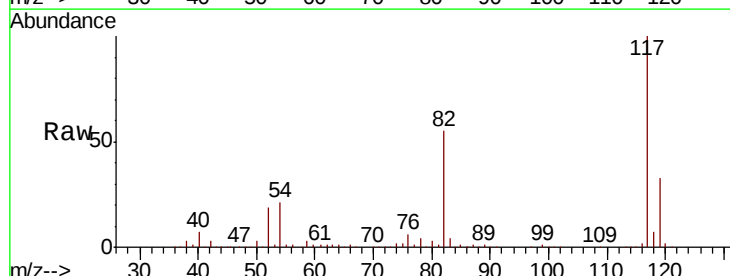
Instrument :
MSVOA_X
ClientSampleId :
PB114041TB

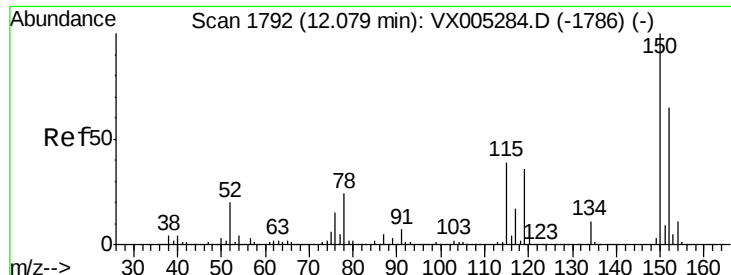
Tot Ion: 95 Resp: 136581
Ion Ratio Lower Upper
95 100
174 93.8 0.0 185.2
176 90.9 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005470.D
Acq: 22 Oct 2018 15:13

Tgt Ion: 117 Resp: 312635
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 32.5 29.3 43.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005470.D
 Acq: 22 Oct 2018 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	117.0
150	155.8	0.0	351.0

