

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005088.D
 Acq On : 06 Oct 2018 01:05
 Operator : JC/MD
 Sample : PB113539ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539ZHE#03

Quant Time: Oct 06 06:47:05 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

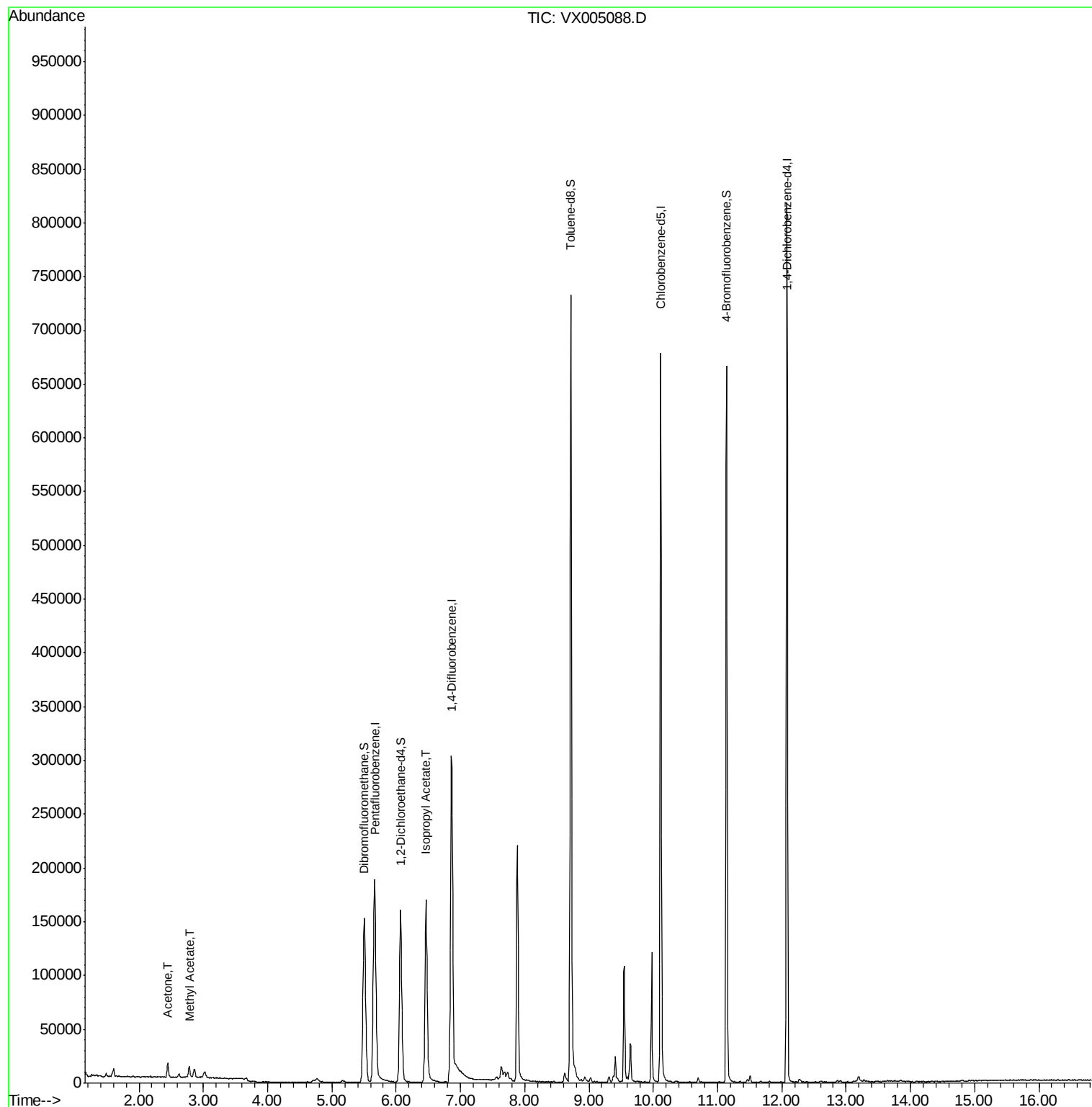
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149150	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
35) Dibromofluoromethane	5.50	113	129515	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	8.71	98	463917	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	164303	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	2.45	43	14258	8.722	ug/l	95
18) Methyl Acetate	2.78	43	12325	2.976	ug/l	99
43) Isopropyl Acetate	6.46	43	217848	30.660	ug/l	100

(#) = 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: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA_X

ClientSampleId :

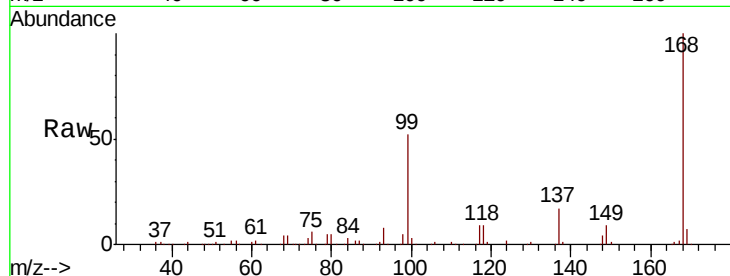
PB113539ZHE#03

Tot Ion:168 Resp: 196007

Ion Ratio Lower Upper

168 100

99 51.9 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

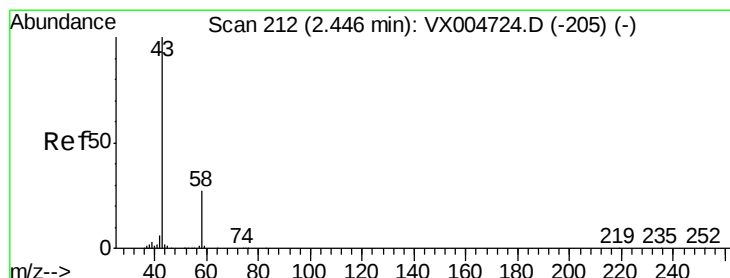
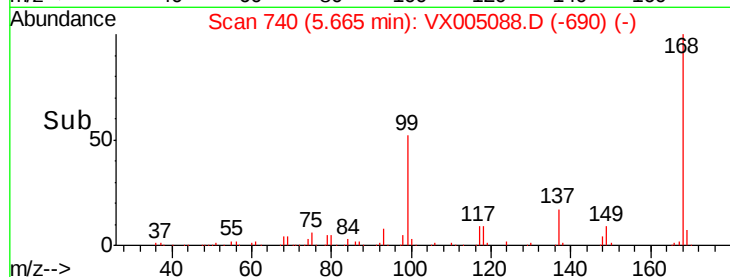
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.722 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005088.D

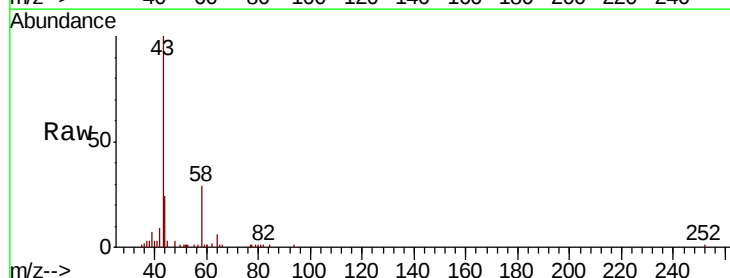
Acq: 06 Oct 2018 01:05

Tgt Ion: 43 Resp: 14258

Ion Ratio Lower Upper

43 100

58 30.0 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

8000

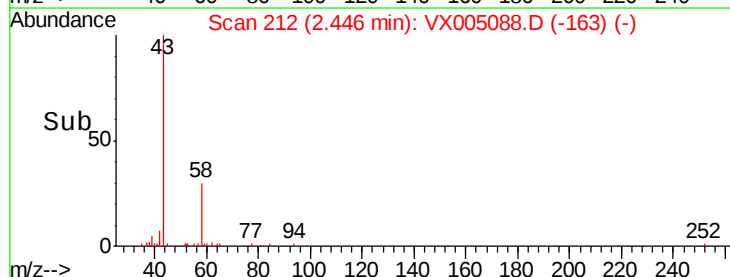
6000

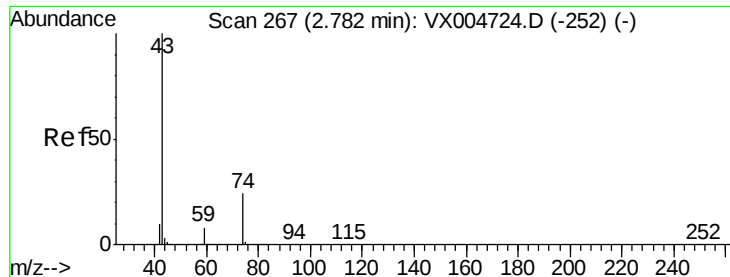
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

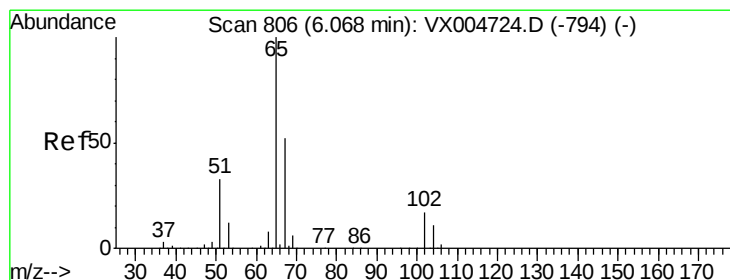
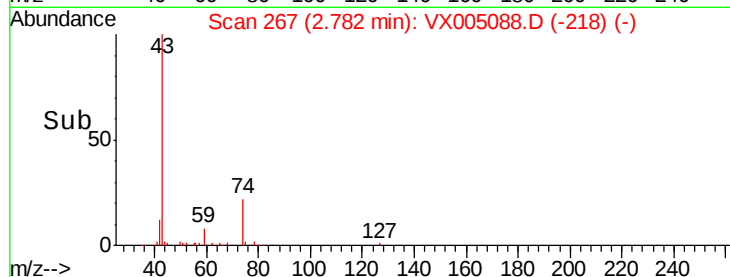
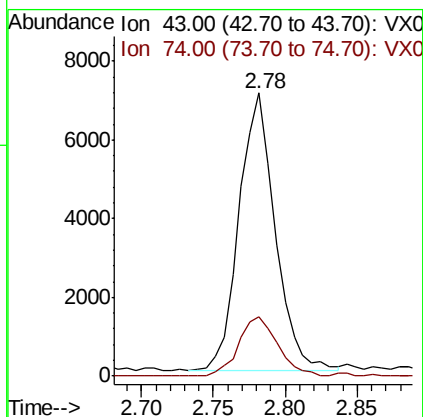
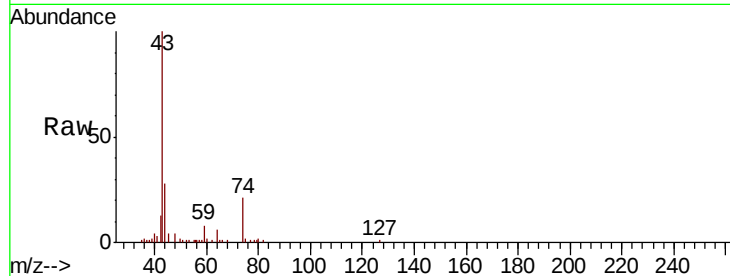




#18
Methvl Acetate
Concen: 2.976 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005088.D
Acq: 06 Oct 2018 01:05

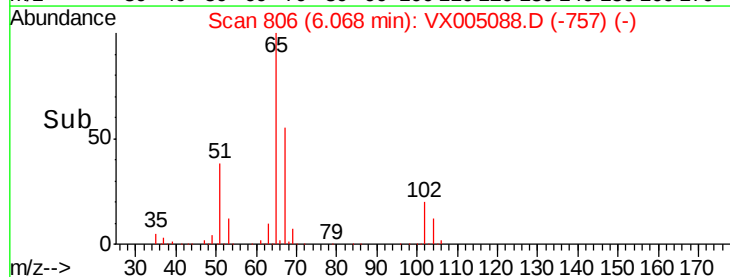
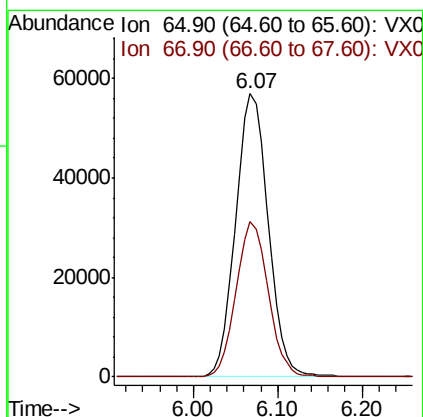
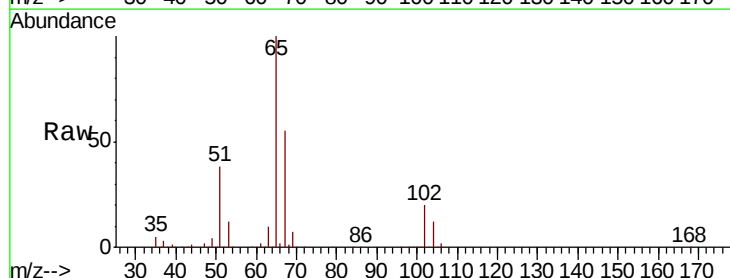
Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#03

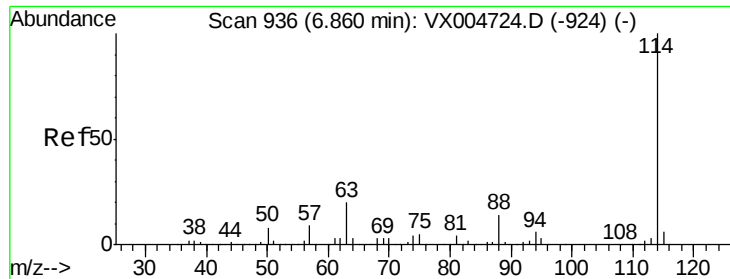
Tot Ion: 43 Resp: 12325
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 53.269 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005088.D
Acq: 06 Oct 2018 01:05

Tgt Ion: 65 Resp: 149150
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.4

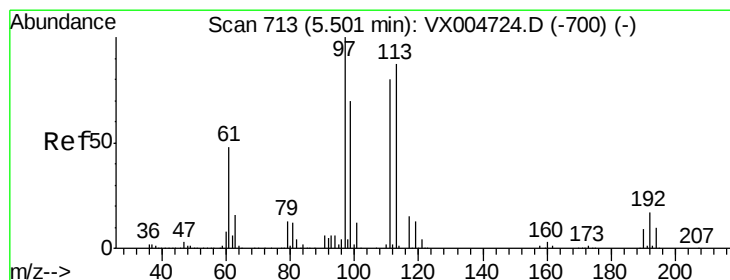
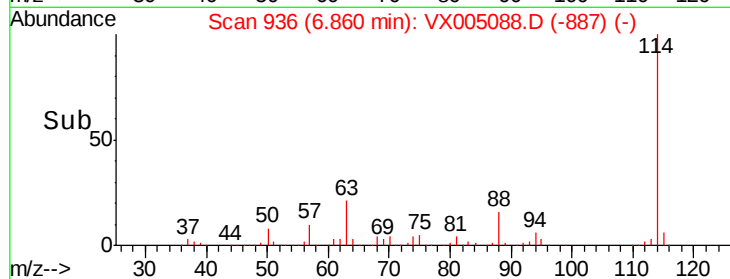
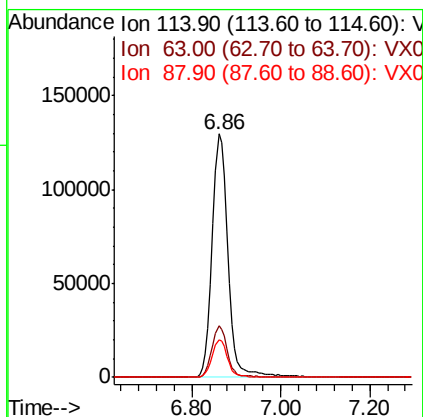
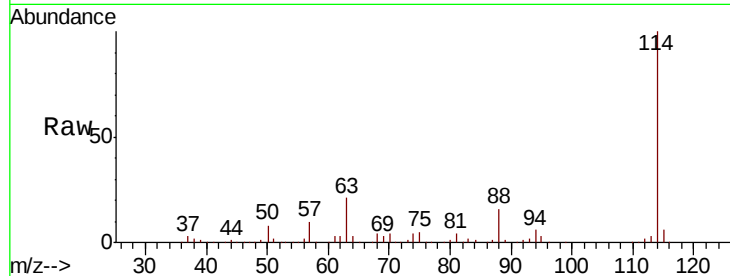




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005088.D
 Acq: 06 Oct 2018 01:05

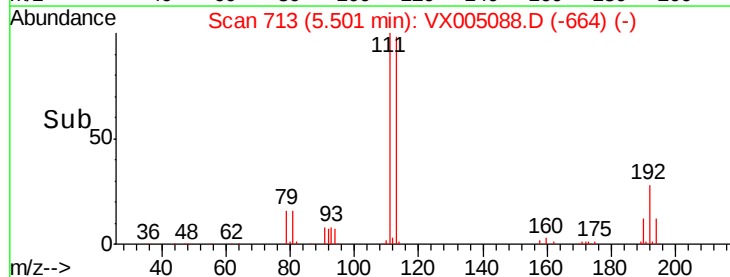
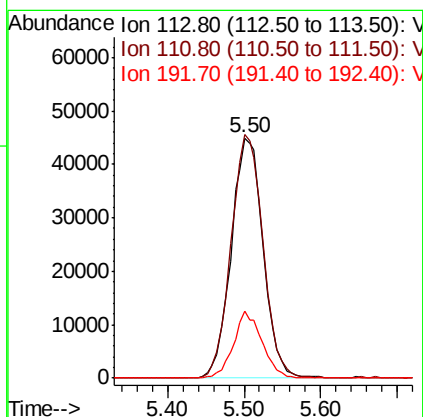
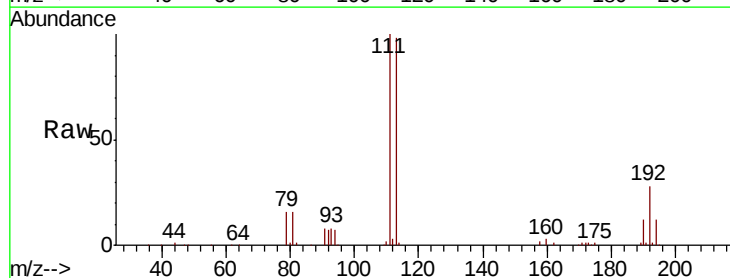
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539ZHE#03

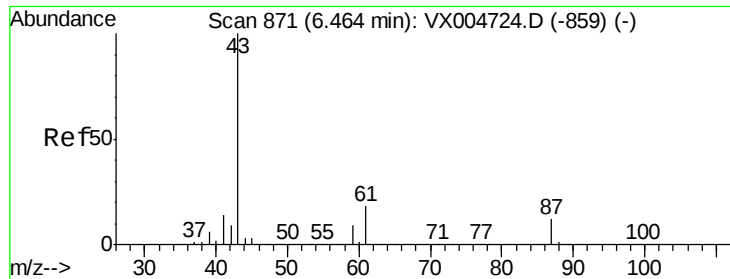
Tot Ion:114 Resp: 320724
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.8
 88 15.6 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 47.648 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005088.D
 Acq: 06 Oct 2018 01:05

Tgt Ion:113 Resp: 129515
 Ion Ratio Lower Upper
 113 100
 111 101.7 77.0 115.4
 192 24.9 17.0 25.6





#43

Isopropyl Acetate

Concen: 30.660 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#03

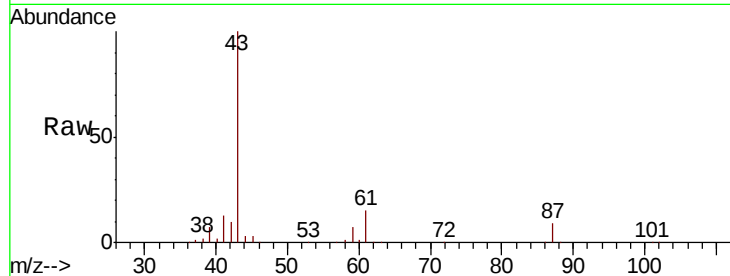
Tot Ion: 43 Resp: 217848

Ion Ratio Lower Upper

43 100

61 18.0 14.2 21.4

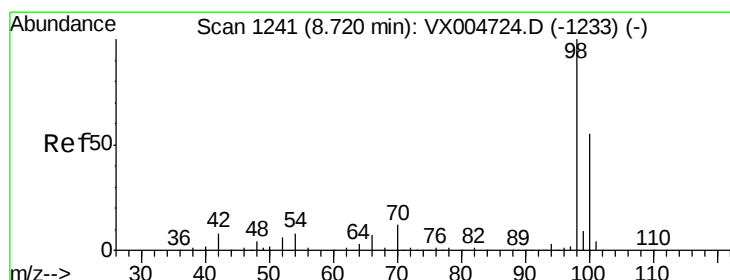
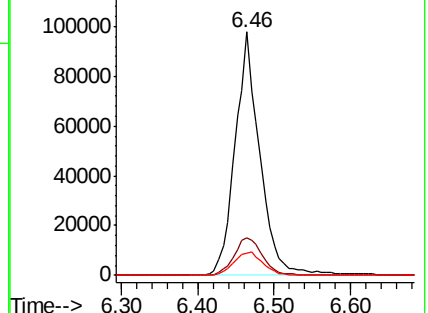
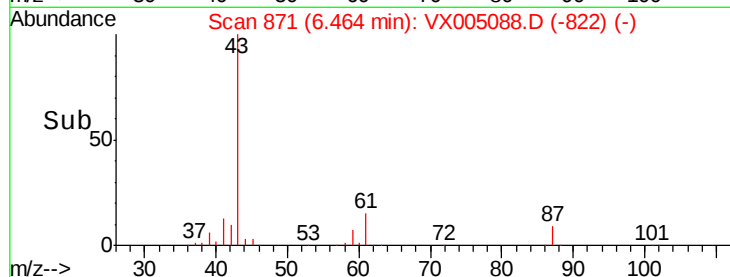
87 11.5 9.3 13.9



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: 51.338 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005088.D

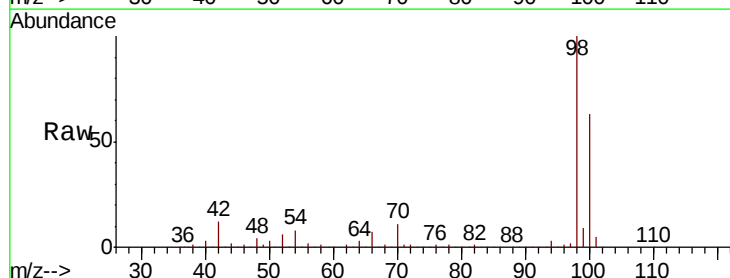
Acq: 06 Oct 2018 01:05

Tgt Ion: 98 Resp: 463917

Ion Ratio Lower Upper

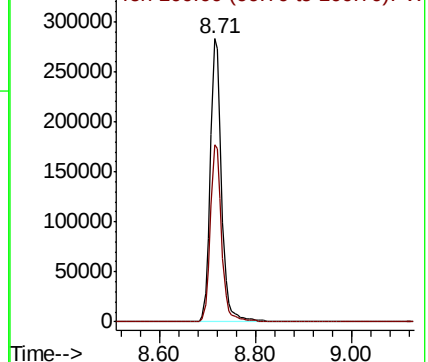
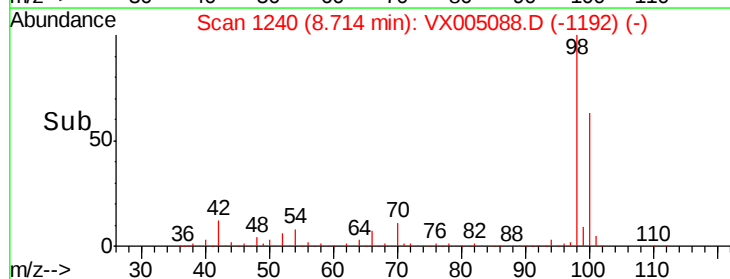
98 100

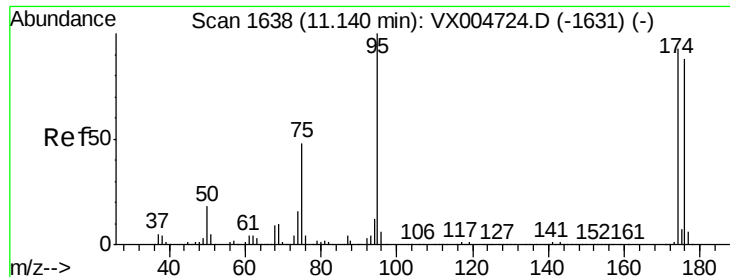
100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.470 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#03

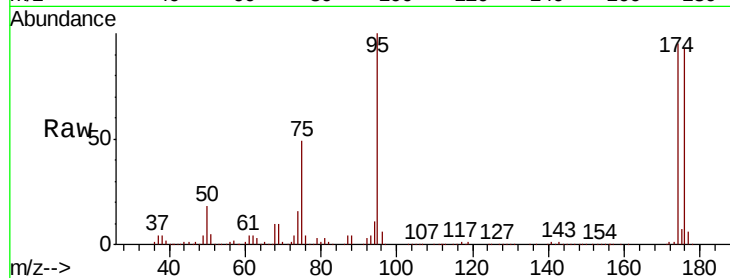
Tot Ion: 95 Resp: 164303

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.0

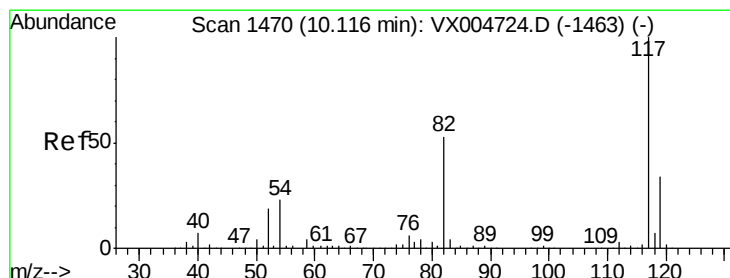
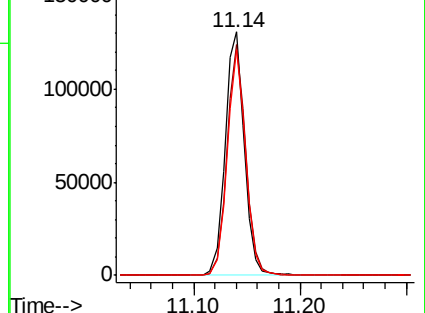
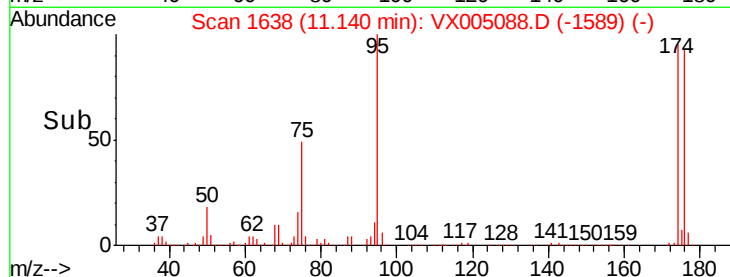
176 89.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX005088.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005088.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005088.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005088.D

Acq: 06 Oct 2018 01:05

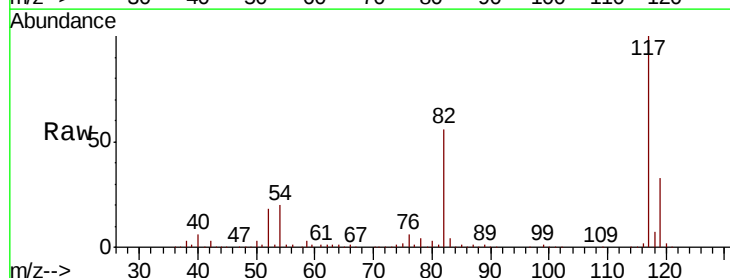
Tgt Ion: 117 Resp: 316262

Ion Ratio Lower Upper

117 100

82 55.6 42.2 63.4

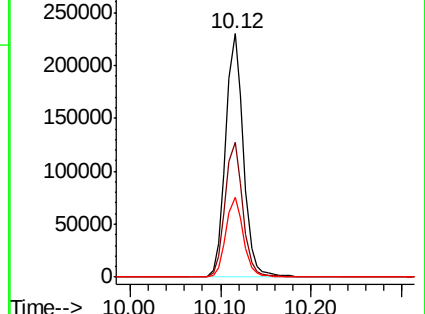
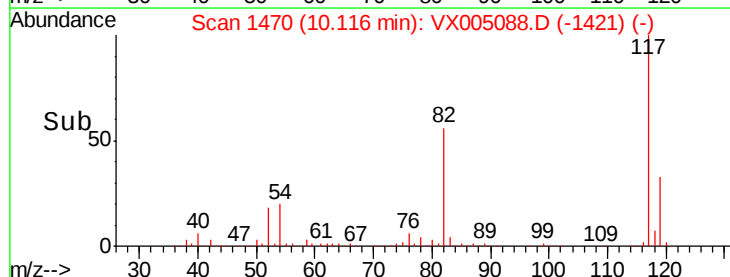
119 32.6 27.4 41.0

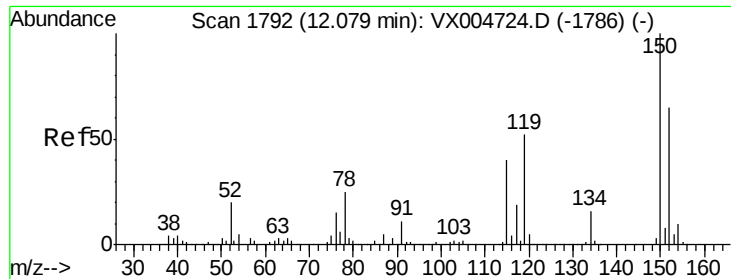


Abundance Ion 116.90 (116.60 to 117.60): VX005088.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005088.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005088.D (-1421) (-)

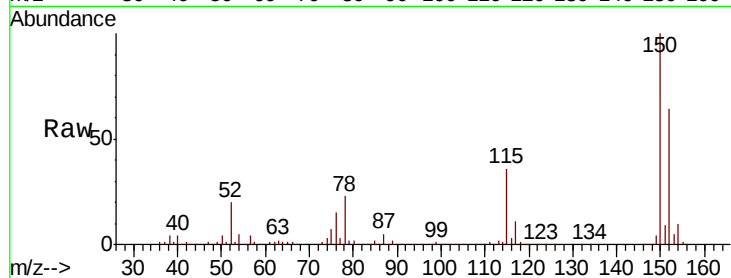




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005088.D
 Acq: 06 Oct 2018 01:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539ZHE#03

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.2	120.6
150	156.5	0.0	351.0



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

