

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005089.D
 Acq On : 06 Oct 2018 01:32
 Operator : JC/MD
 Sample : PB113539ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539ZHE#04

Quant Time: Oct 06 06:52:37 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

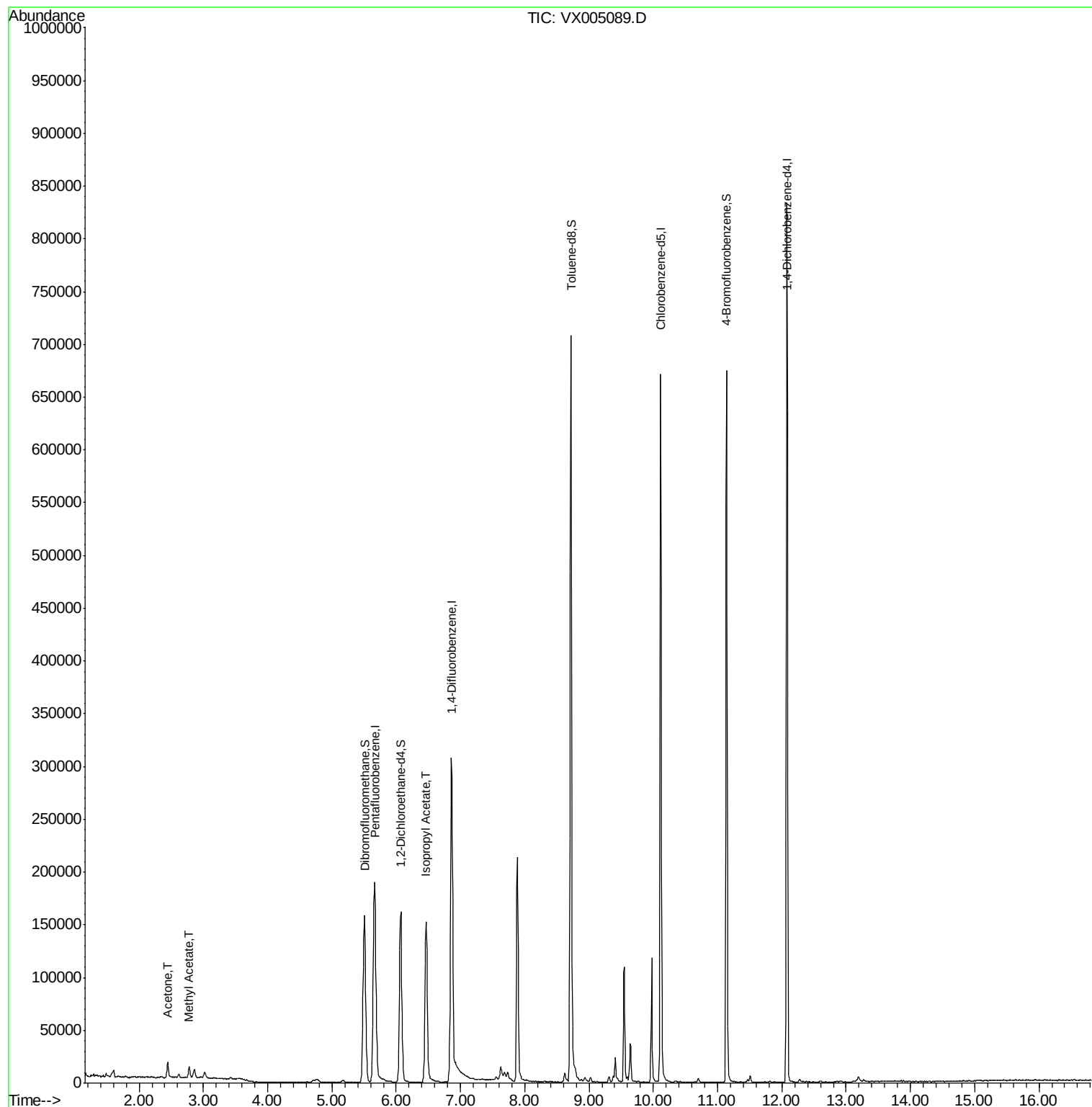
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155605	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	5.51	113	132456	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	8.72	98	459141	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	164972	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
Target Compounds						
16) Acetone	2.45	43	14851	8.397	ug/l	99
18) Methyl Acetate	2.78	43	13227	2.952	ug/l	98
43) Isopropyl Acetate	6.46	43	208179	29.456	ug/l	98

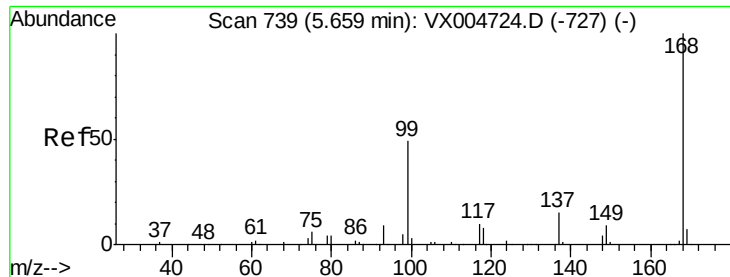
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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: VX005089.D

Acq: 06 Oct 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

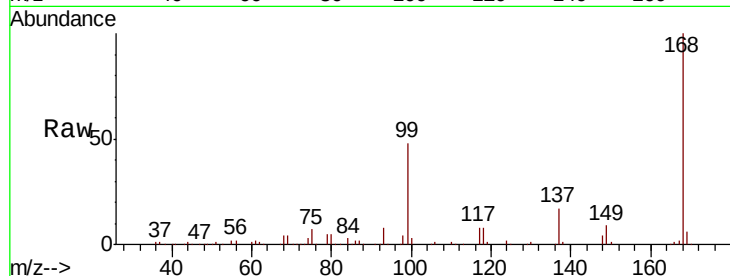
PB113539ZHE#04

Tot Ion:168 Resp: 212059

Ion Ratio Lower Upper

168 100

99 48.2 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

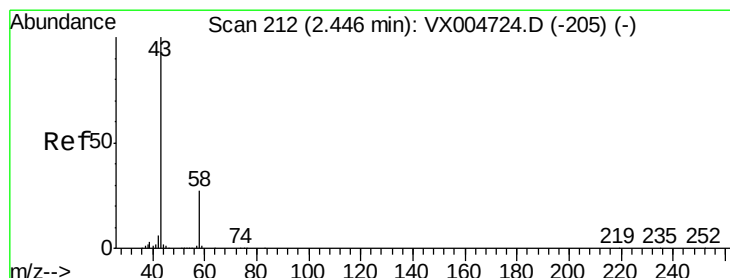
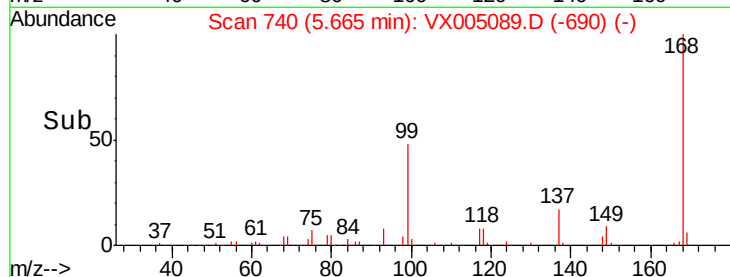
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.397 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005089.D

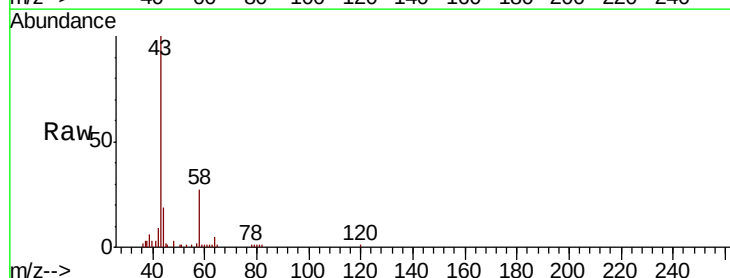
Acq: 06 Oct 2018 01:32

Tgt Ion: 43 Resp: 14851

Ion Ratio Lower Upper

43 100

58 27.6 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

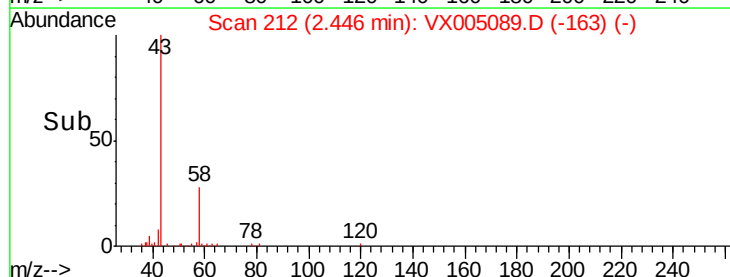
6000

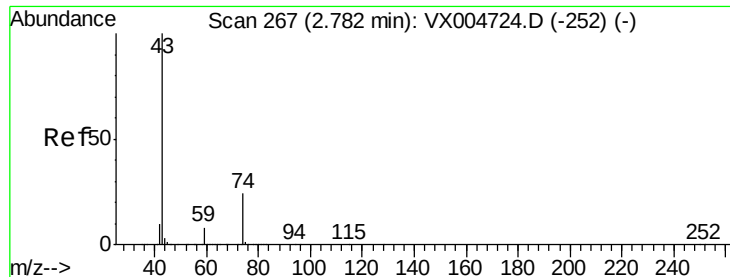
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

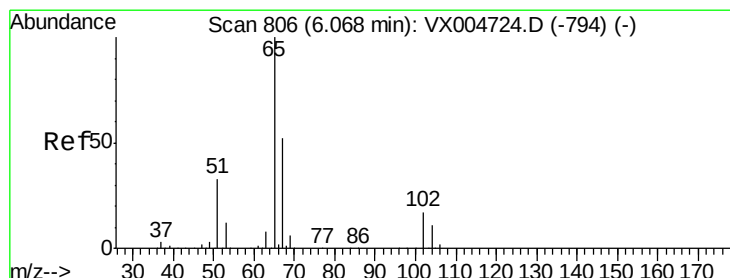
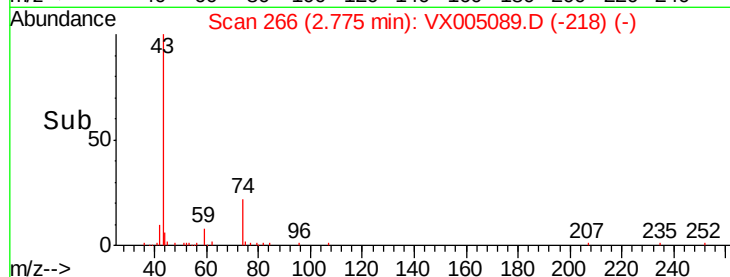
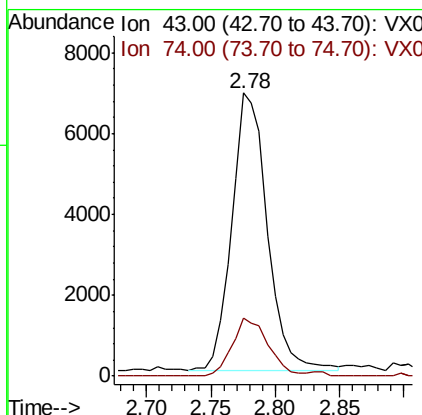
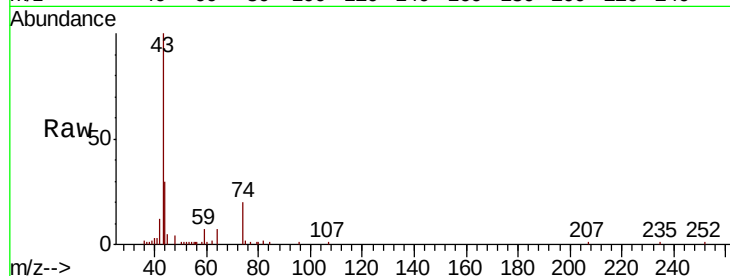




#18
Methvl Acetate
Concen: 2.952 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005089.D
Acq: 06 Oct 2018 01:32

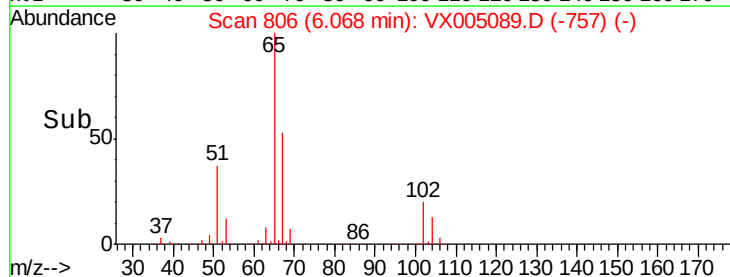
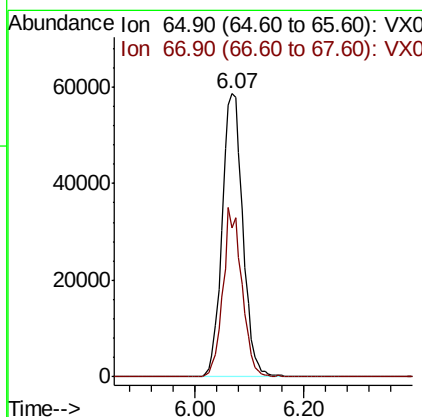
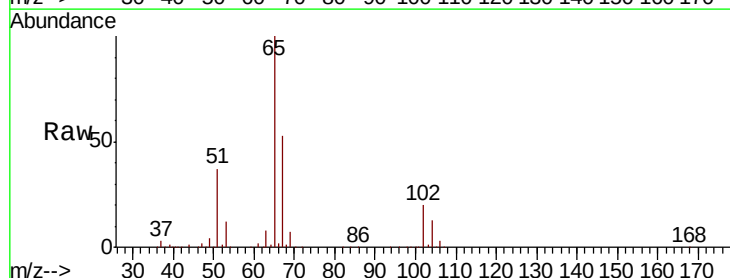
Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#04

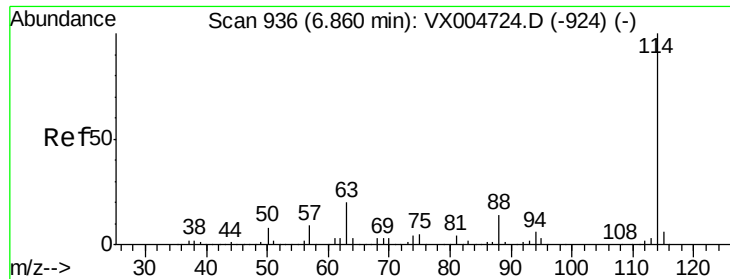
Tot Ion: 43 Resp: 13227
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 51.367 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005089.D
Acq: 06 Oct 2018 01:32

Tgt Ion: 65 Resp: 155605
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.4

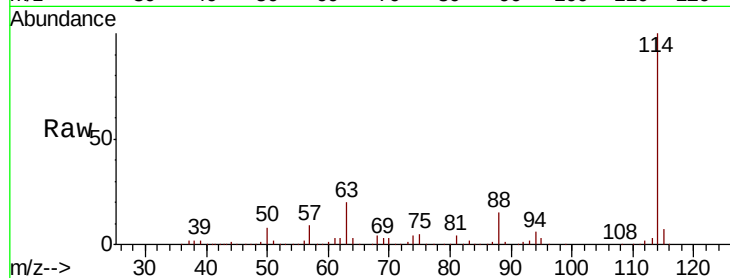




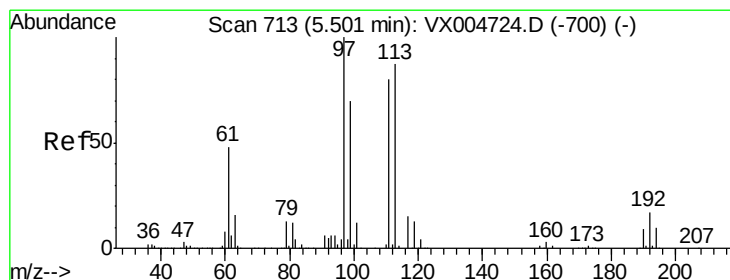
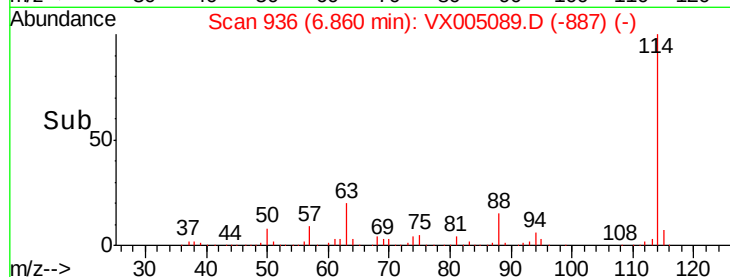
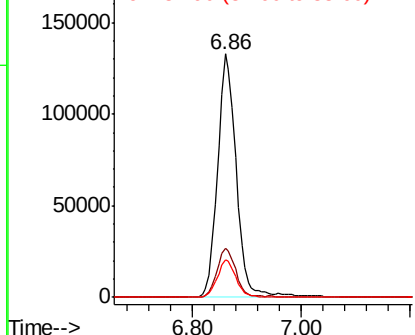
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005089.D
Acq: 06 Oct 2018 01:32

Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#04

Tot Ion:114 Resp: 319012
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.8
88 15.3 0.0 27.0

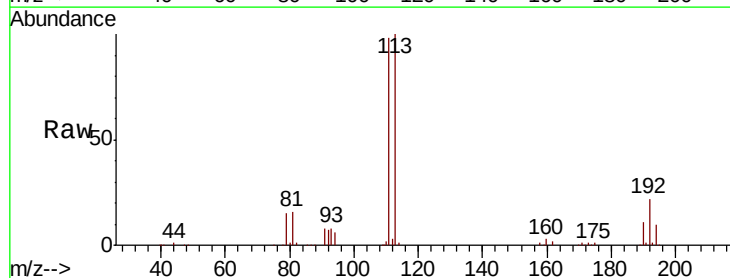


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

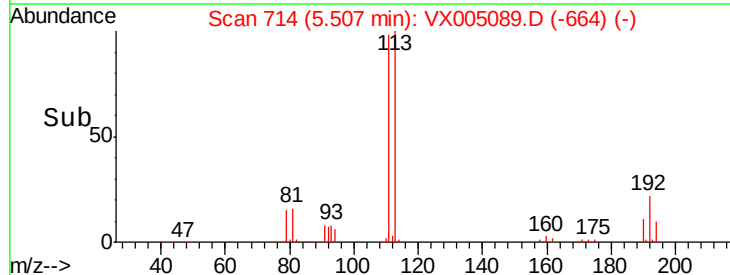
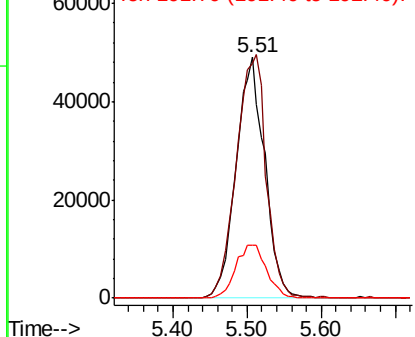


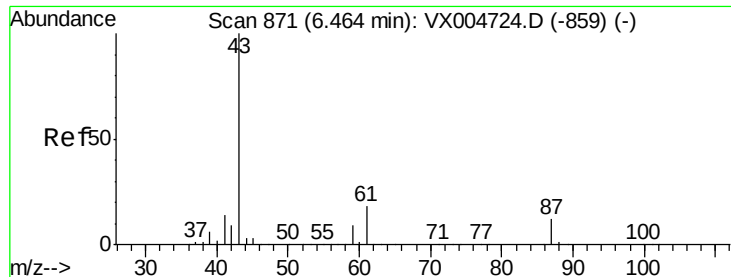
#35
Dibromofluoromethane
Concen: 48.991 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005089.D
Acq: 06 Oct 2018 01:32

Tgt Ion:113 Resp: 132456
Ion Ratio Lower Upper
113 100
111 105.7 77.0 115.4
192 23.8 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: 29.456 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005089.D

Acq: 06 Oct 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#04

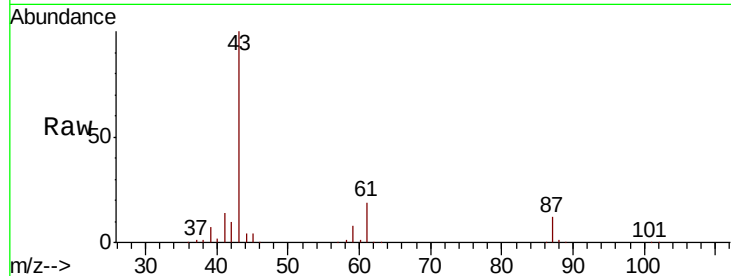
Tot Ion: 43 Resp: 208179

Ion Ratio Lower Upper

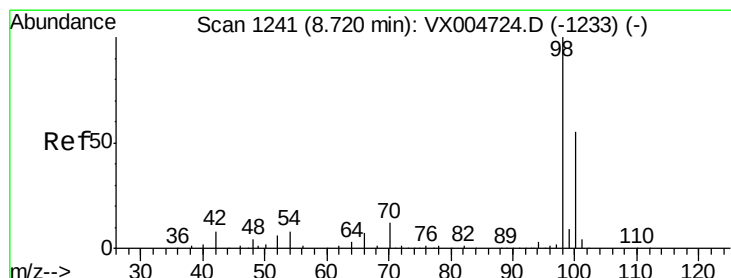
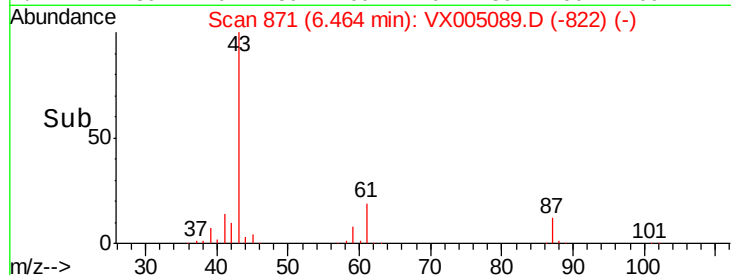
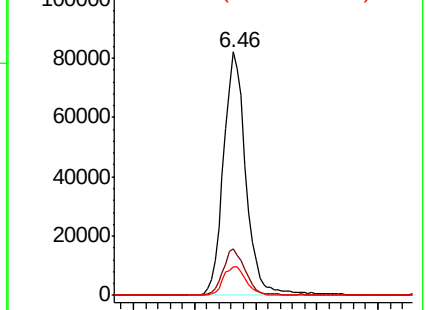
43 100

61 18.9 14.2 21.4

87 12.2 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: 51.082 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005089.D

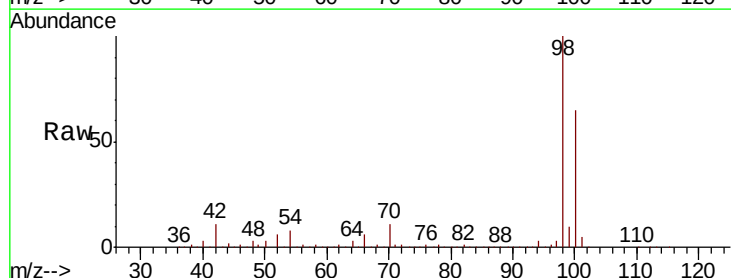
Acq: 06 Oct 2018 01:32

Tgt Ion: 98 Resp: 459141

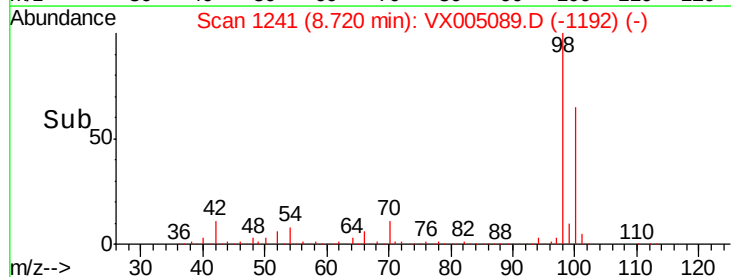
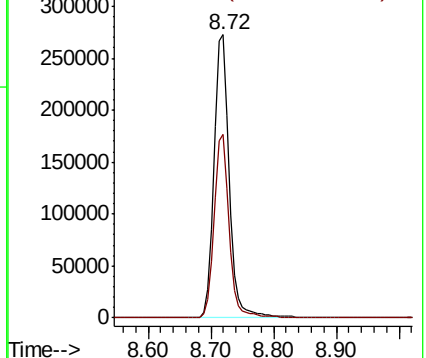
Ion Ratio Lower Upper

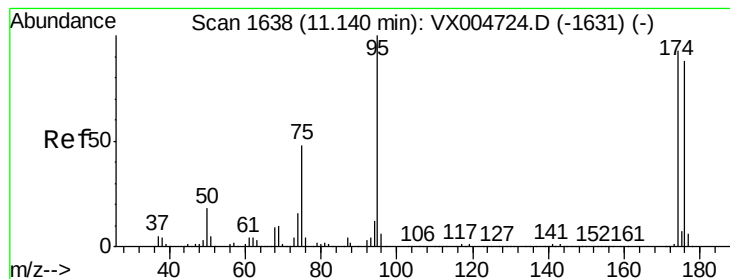
98 100

100 64.1 51.9 77.9



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





#62

4-Bromofluorobenzene

Concen: 50.947 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005089.D

Acq: 06 Oct 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#04

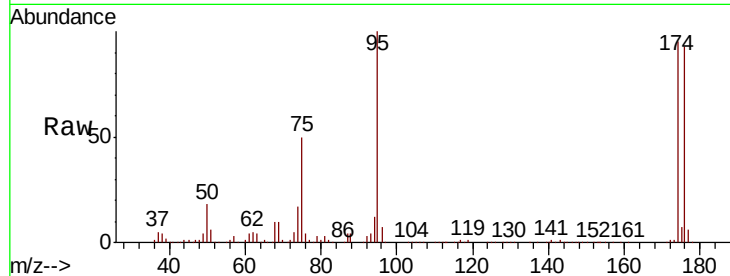
Tot Ion: 95 Resp: 164972

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.0

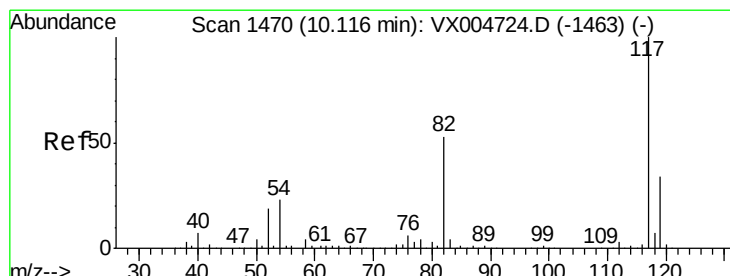
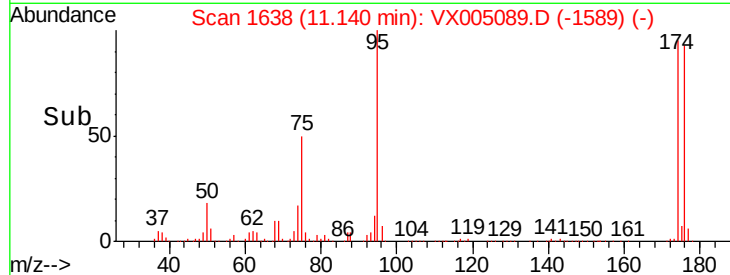
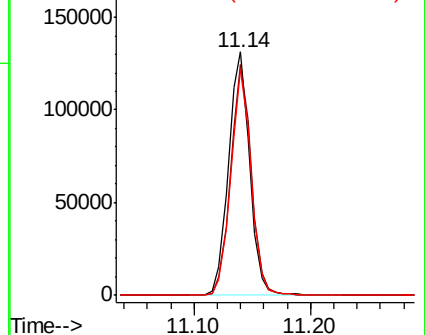
176 89.2 0.0 180.2



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: VX005089.D

Acq: 06 Oct 2018 01:32

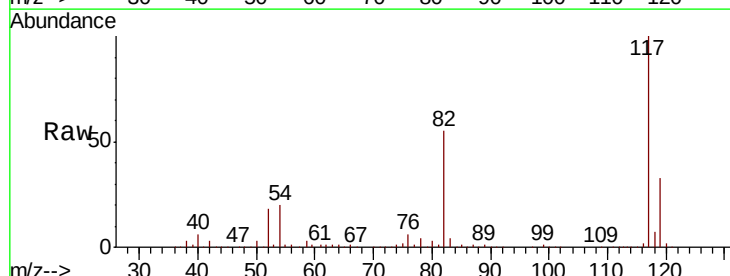
Tgt Ion: 117 Resp: 317272

Ion Ratio Lower Upper

117 100

82 55.2 42.2 63.4

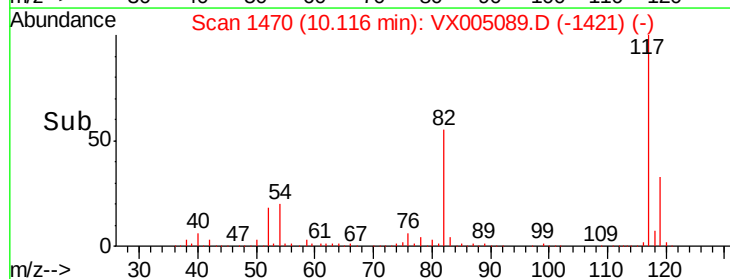
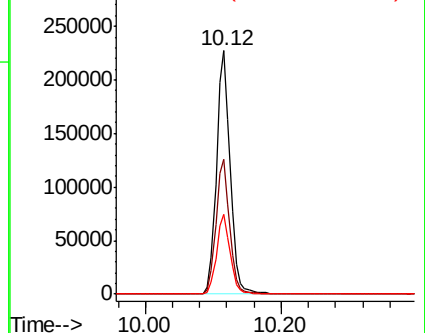
119 32.6 27.4 41.0

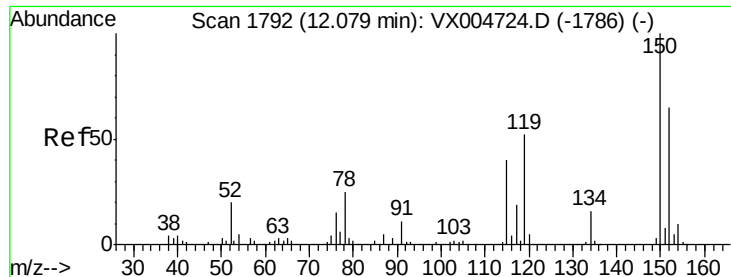


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX005089.D

Acq: 06 Oct 2018 01:32

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#04

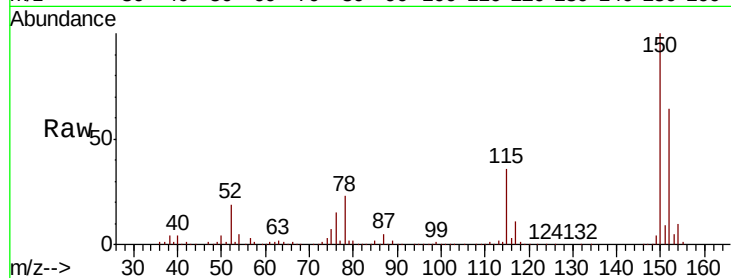
Tot Ion:152 Resp: 175439

Ion Ratio Lower Upper

152 100

115 54.8 40.2 120.6

150 155.7 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

300000

250000

200000

150000

100000

50000

0

12.00 12.10 12.20

Time-->

