

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004243.D
 Acq On : 24 Aug 2018 13:36
 Operator : JC/MD
 Sample : J4616-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB27184

Quant Time: Aug 25 11:51:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

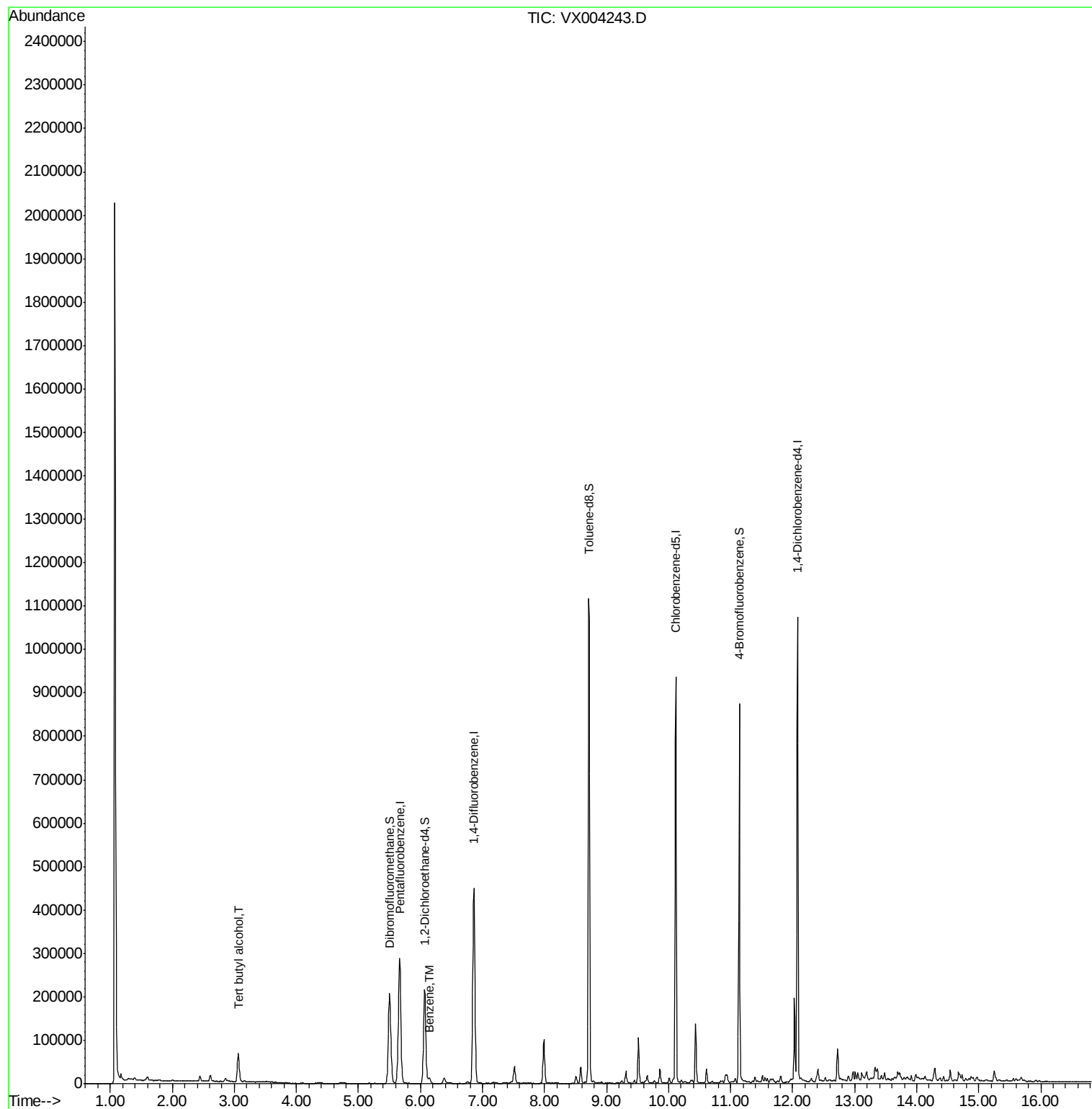
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	420891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201323	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	5.50	113	176458	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	8.71	98	668250	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	221675	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	81299	98.349	ug/l	100
40) Benzene	6.13	78	14340	0.906	ug/l	100

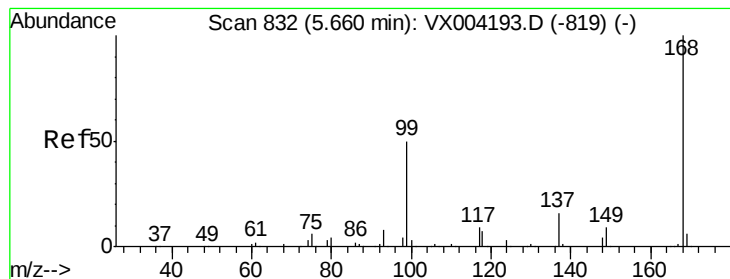
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004243.D

Acq: 24 Aug 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

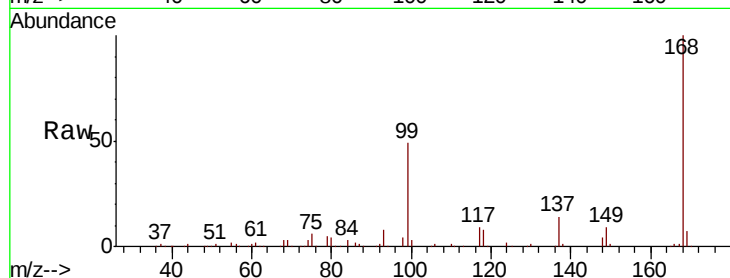
VB27184

Tgt Ion:168 Resp: 297534

Ion Ratio Lower Upper

168 100

99 48.6 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

120000

100000

80000

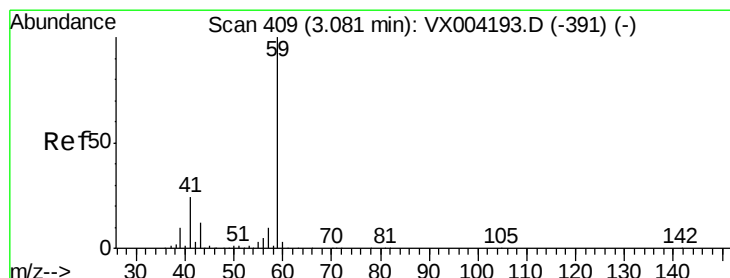
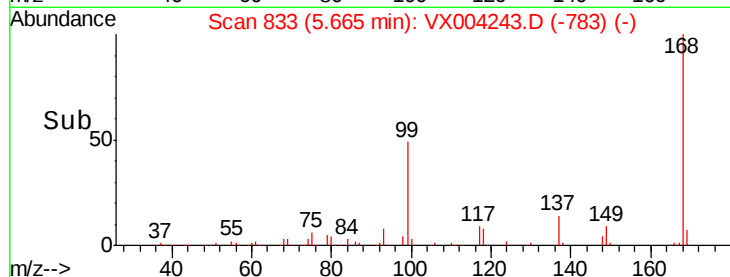
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 98.349 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.02 min

Lab File: VX004243.D

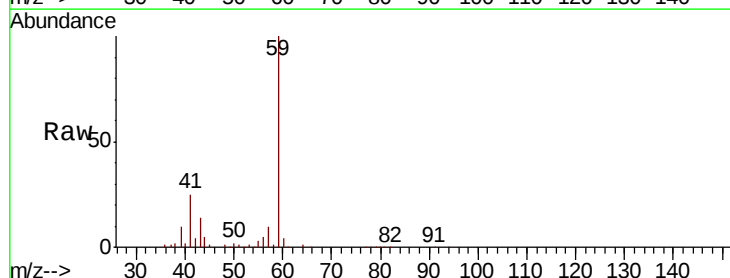
Acq: 24 Aug 2018 13:36

Tgt Ion: 59 Resp: 81299

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

40000

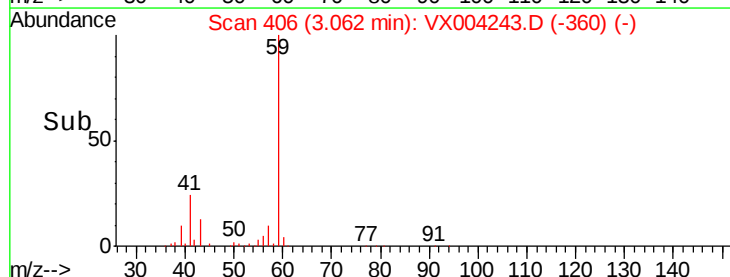
30000

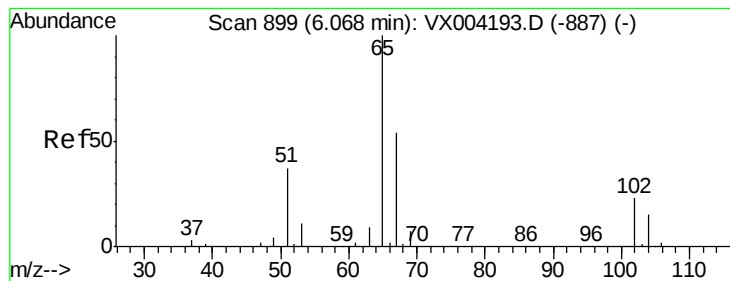
20000

10000

0

Time--> 3.00 3.10 3.20





#33

1,2-Dichloroethane-d4

Concen: 51.914 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004243.D

Acq: 24 Aug 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

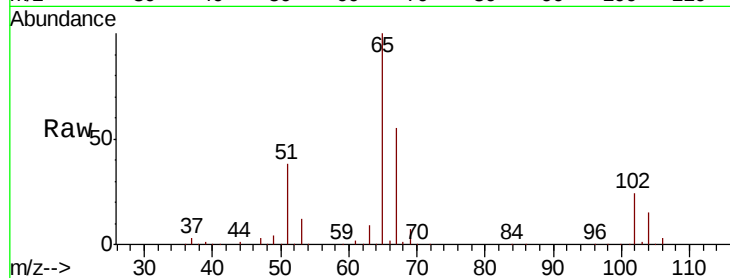
VB27184

Tgt Ion: 65 Resp: 201323

Ion Ratio Lower Upper

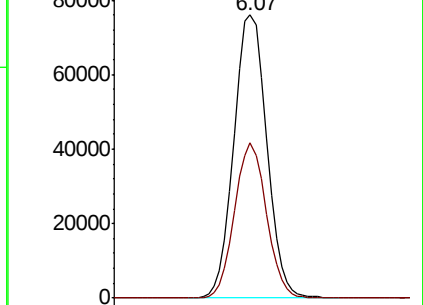
65 100

67 53.1 0.0 106.8

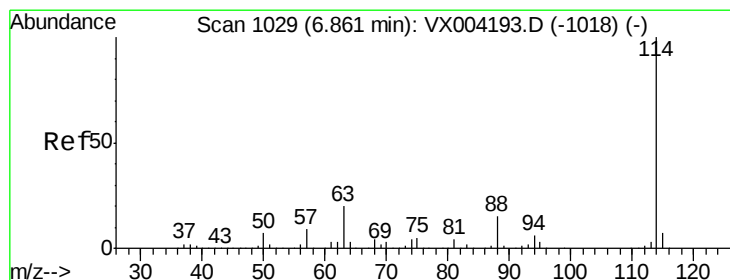
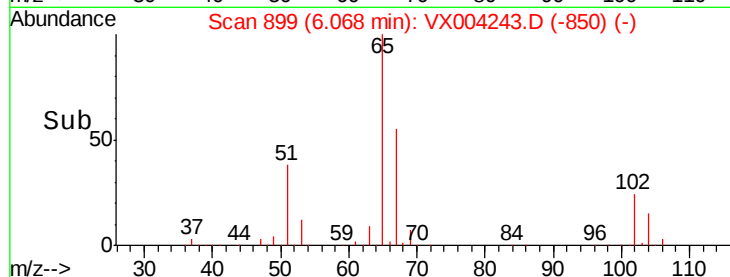


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004243.D

Acq: 24 Aug 2018 13:36

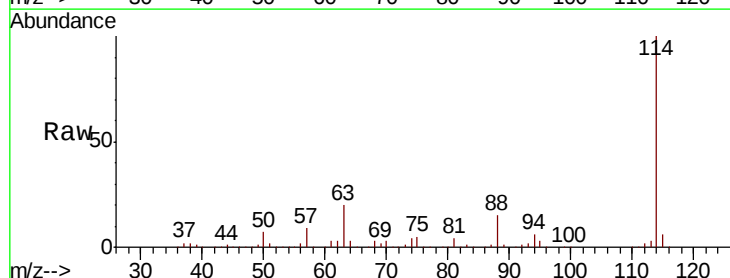
Tgt Ion: 114 Resp: 471290

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

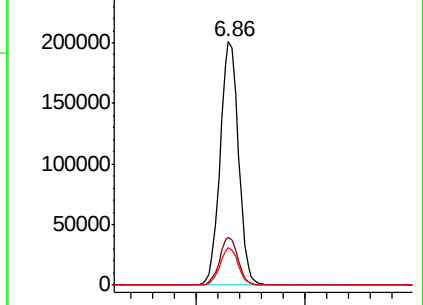
88 15.2 0.0 30.4



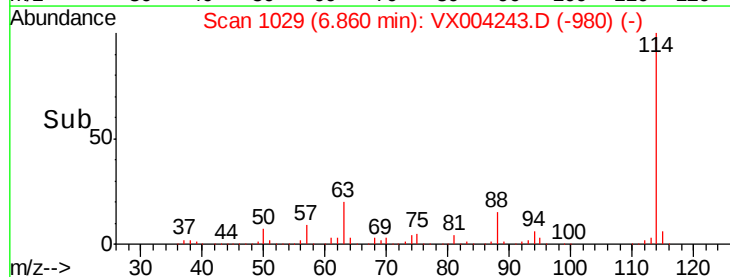
Abundance Ion 113.90 (113.60 to 114.60): V

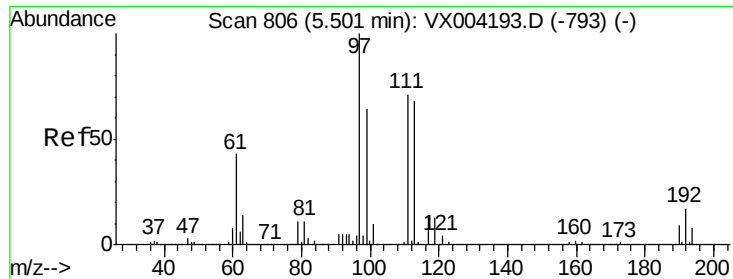
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->

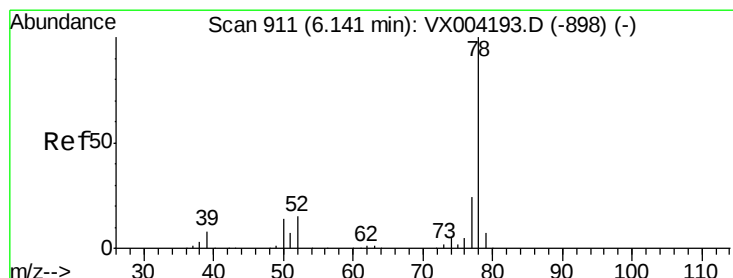
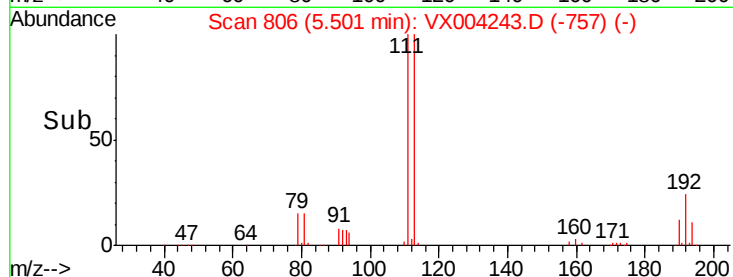
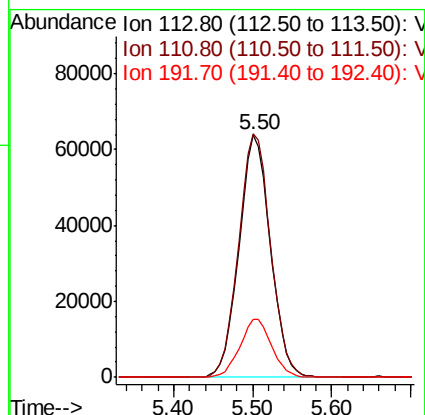
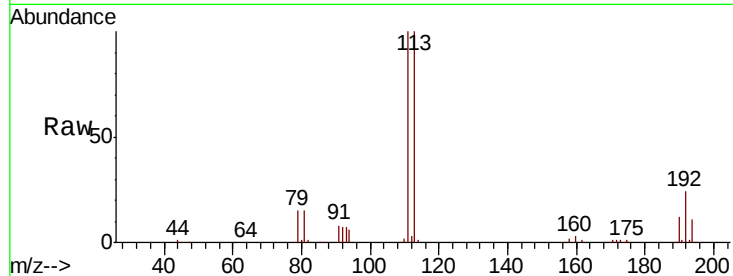




#35
 Dibromofluoromethane
 Concen: 50.329 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004243.D
 Acq: 24 Aug 2018 13:36

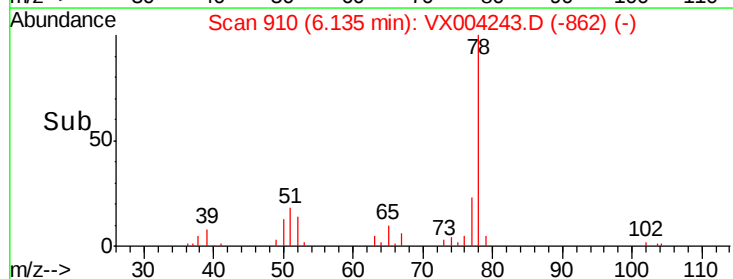
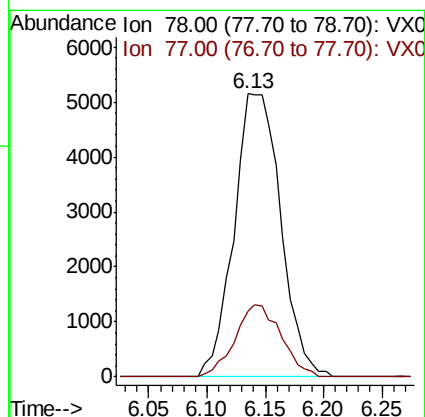
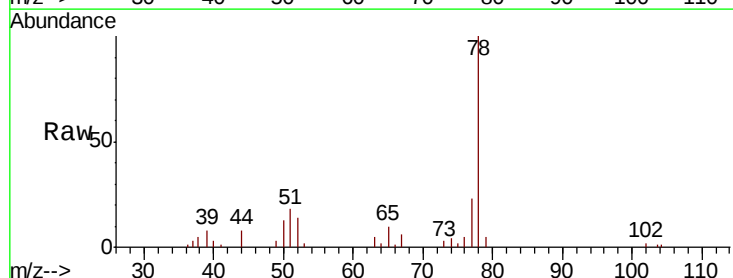
Instrument :
 MSVOA_X
 ClientSampleId :
 VB27184

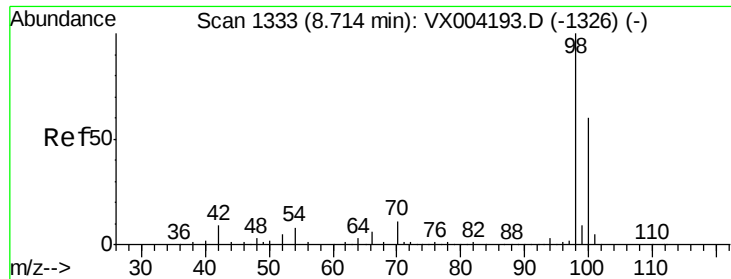
Tgt Ion:113 Resp: 176458
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 24.4 19.4 29.2



#40
 Benzene
 Concen: 0.906 ug/l
 RT: 6.13 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: VX004243.D
 Acq: 24 Aug 2018 13:36

Tgt Ion: 78 Resp: 14340
 Ion Ratio Lower Upper
 78 100
 77 23.5 19.0 28.4

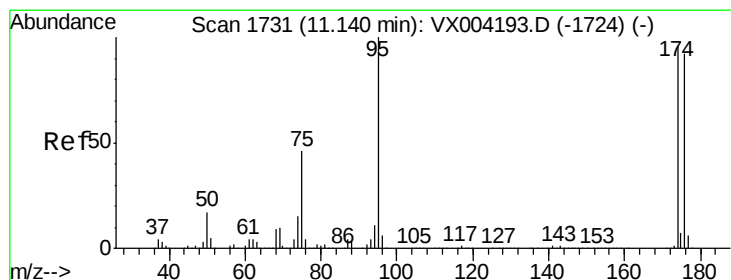
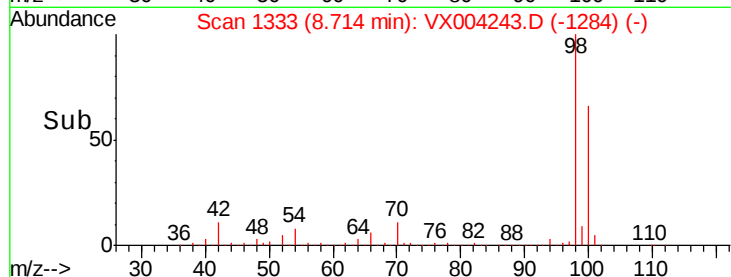
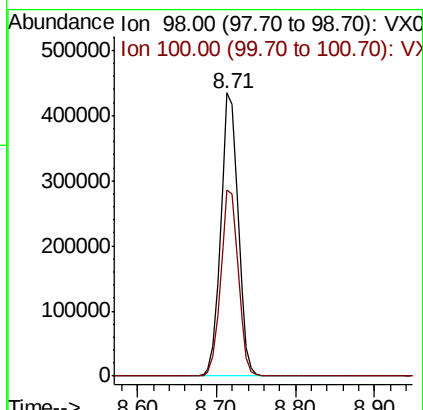
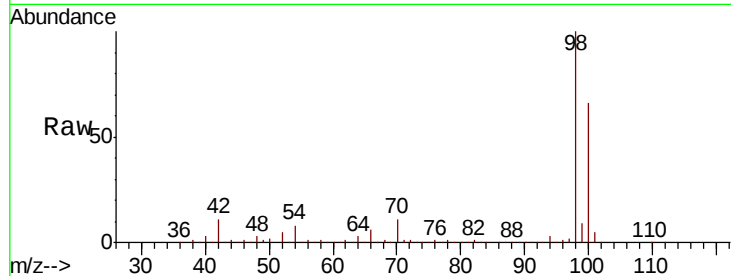




#50
Toluene-d8
Concen: 50.494 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

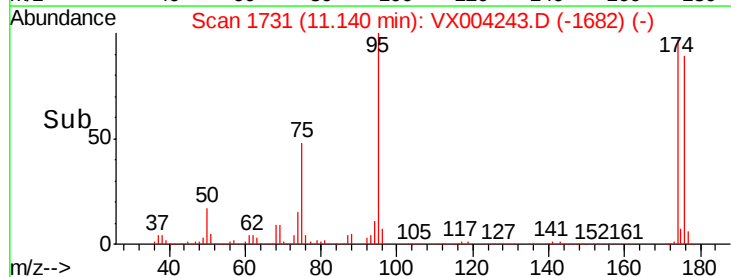
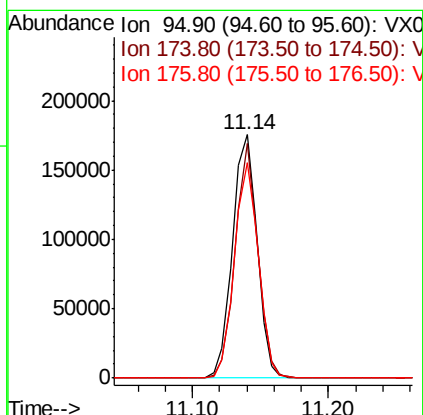
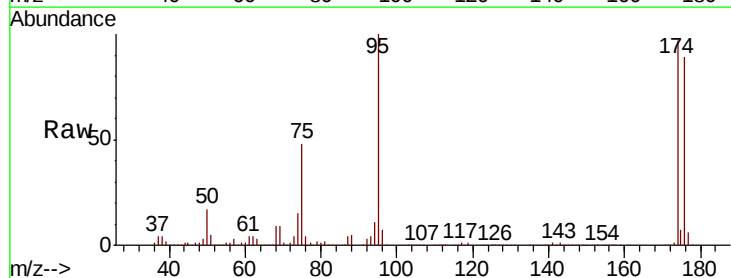
Instrument :
MSVOA_X
ClientSampleId :
VB27184

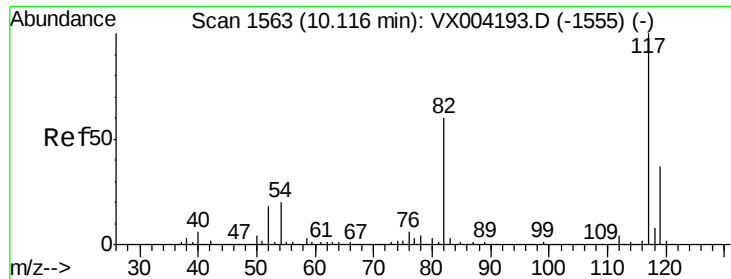
Tgt Ion: 98 Resp: 668250
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.891 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 95 Resp: 221675
Ion Ratio Lower Upper
95 100
174 89.0 0.0 185.2
176 86.4 0.0 178.6

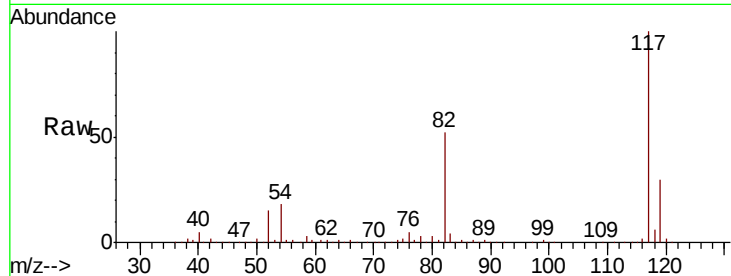




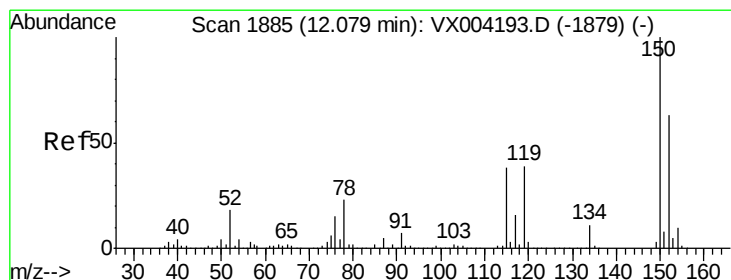
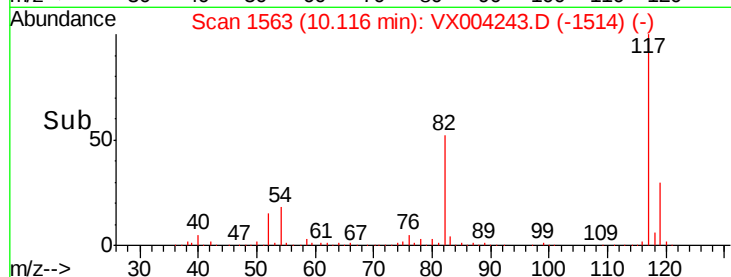
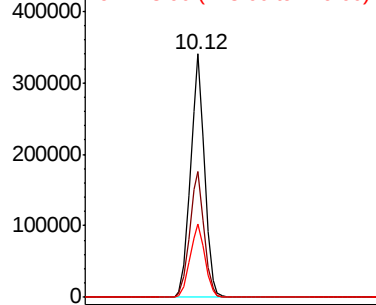
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument :
MSVOA_X
ClientSampled :
VB27184

Tgt Ion:117 Resp: 420891
Ion Ratio Lower Upper
117 100
82 51.5 47.8 71.6
119 30.3 29.3 43.9

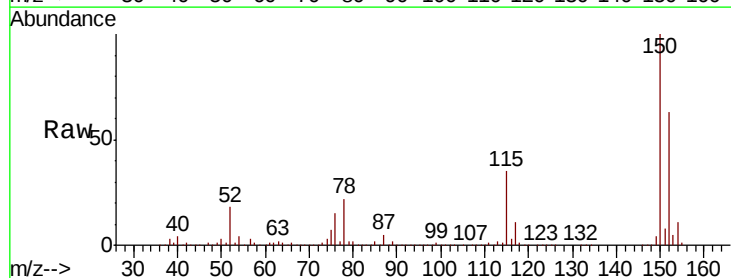


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion:152 Resp: 220334
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 156.7 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

