

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004231.D
 Acq On : 23 Aug 2018 17:12
 Operator : JC/MD
 Sample : J4627-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB-N29937

Quant Time: Aug 24 11:48:43 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

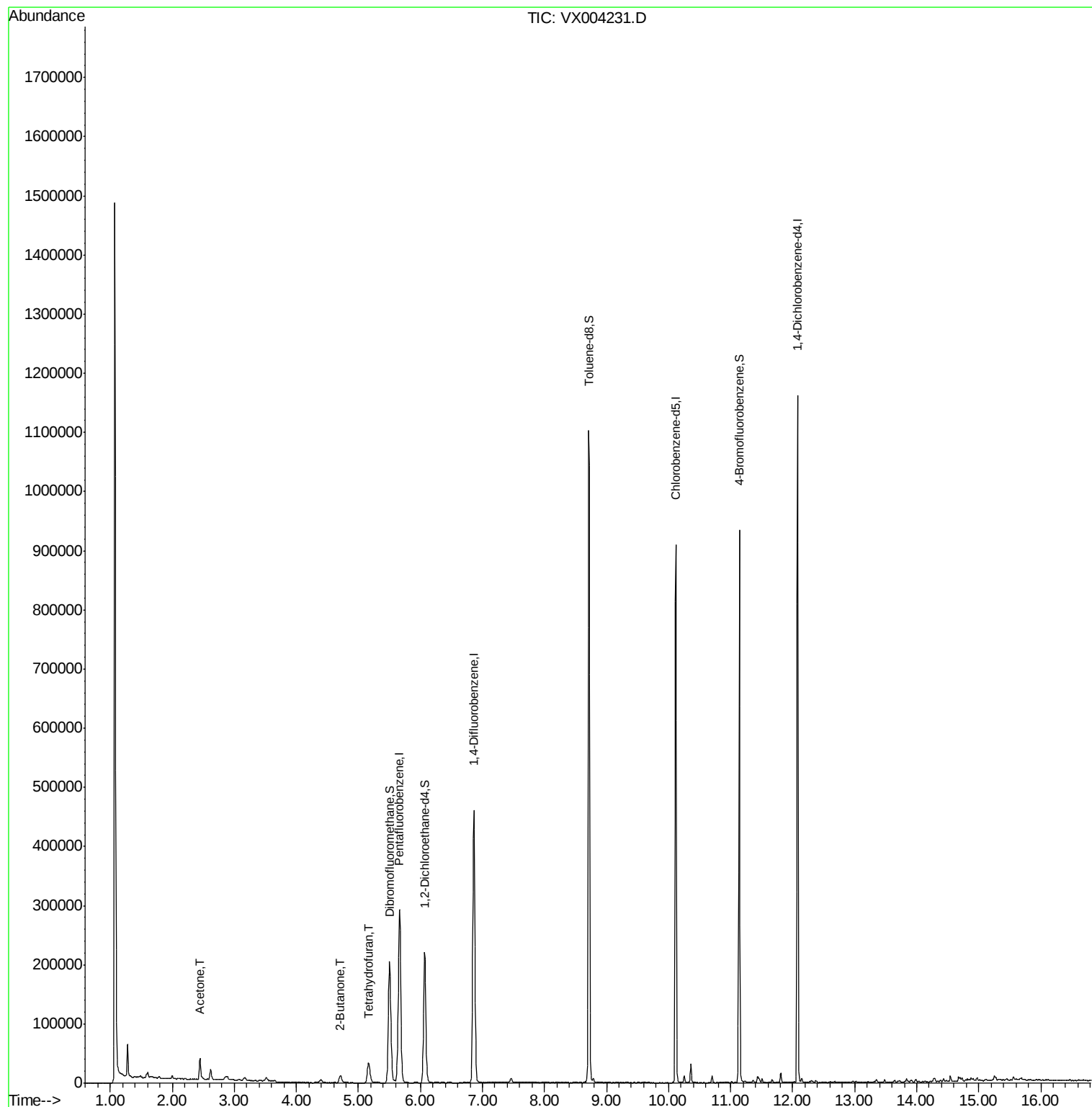
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201789	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	5.51	113	176703	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	8.71	98	658253	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.14	95	235856	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
16) Acetone	2.45	43	36073	14.49	ug/l	97
25) 2-Butanone	4.71	43	22144	5.48	ug/l	100
29) Tetrahydrofuran	5.16	42	29391	17.11	ug/l	98

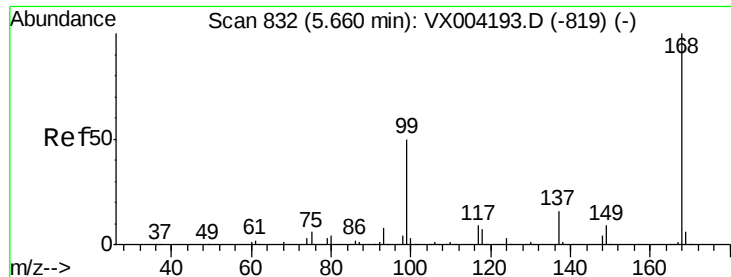
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004231.D

Acq: 23 Aug 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

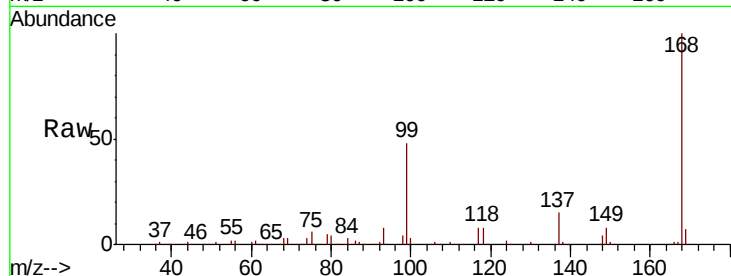
VB-N29937

Tot Ion:168 Resp: 306834

Ion Ratio Lower Upper

168 100

99 47.6 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

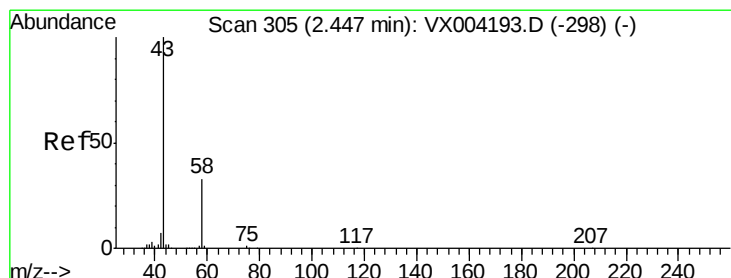
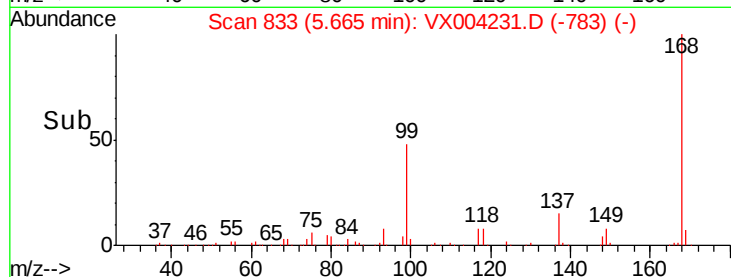
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004231.D

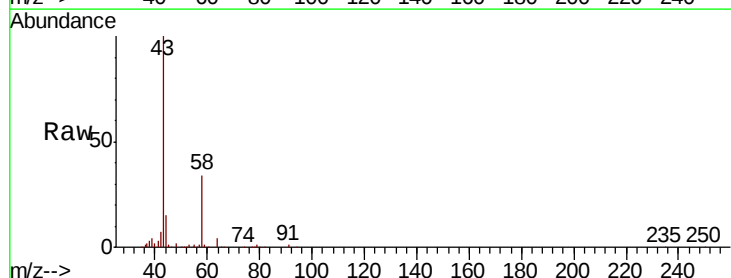
Acq: 23 Aug 2018 17:12

Tgt Ion: 43 Resp: 36073

Ion Ratio Lower Upper

43 100

58 34.7 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

25000

20000

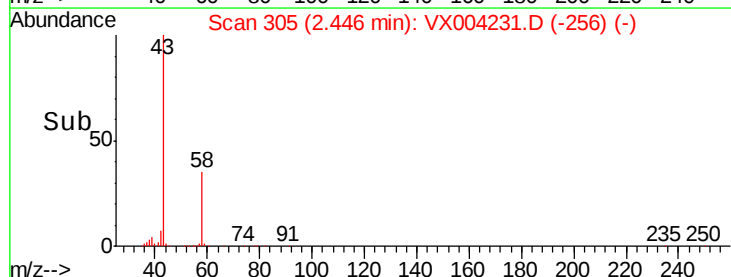
15000

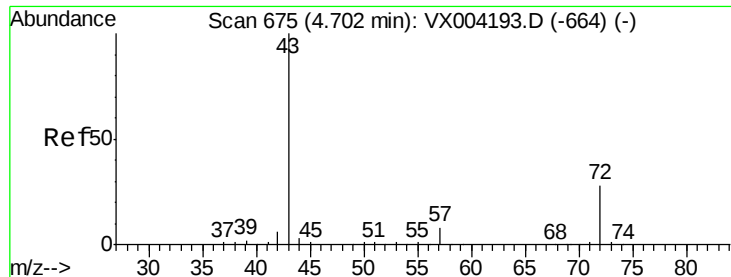
10000

5000

0

Time--> 2.40 2.50





#25

2-Butanone

Concen: 5.48 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004231.D

Acq: 23 Aug 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

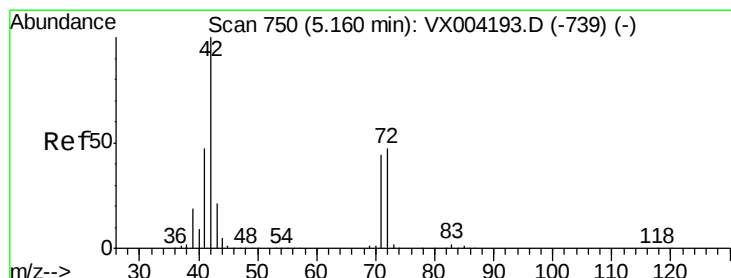
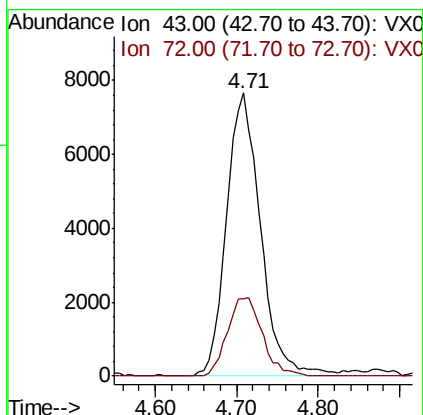
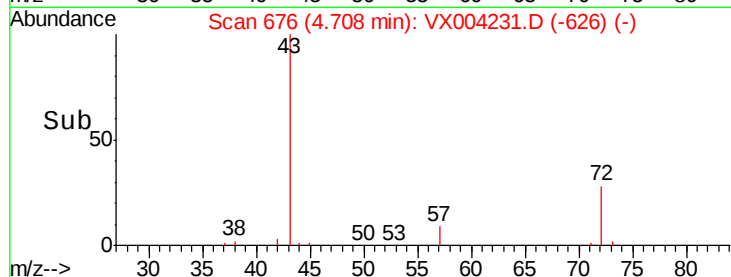
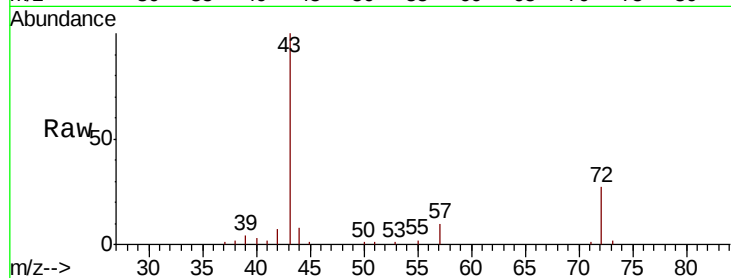
VB-N29937

Tot Ion: 43 Resp: 22144

Ion Ratio Lower Upper

43 100

72 27.4 22.0 33.0



#29

Tetrahydrofuran

Concen: 17.11 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004231.D

Acq: 23 Aug 2018 17:12

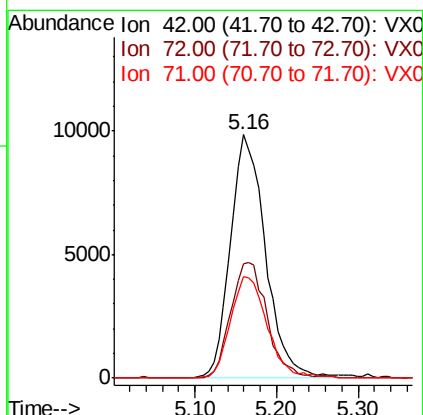
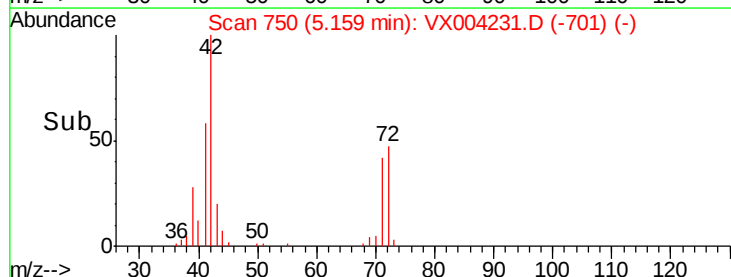
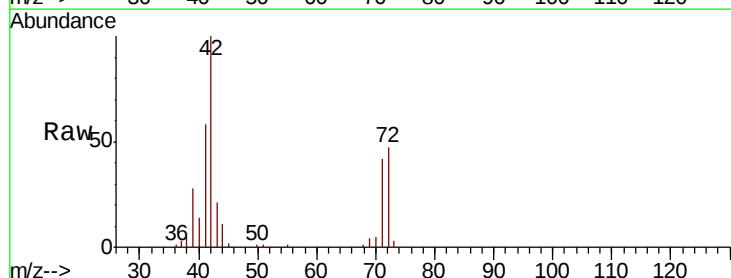
Tgt Ion: 42 Resp: 29391

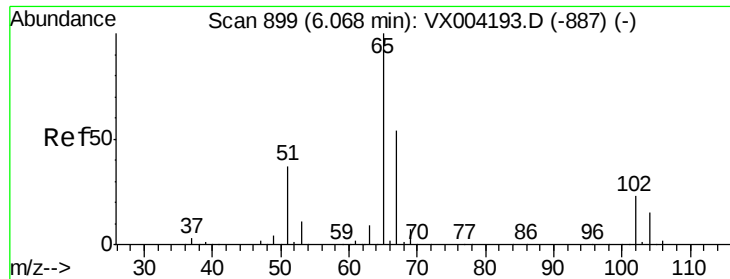
Ion Ratio Lower Upper

42 100

72 48.9 37.4 56.0

71 43.8 34.5 51.7

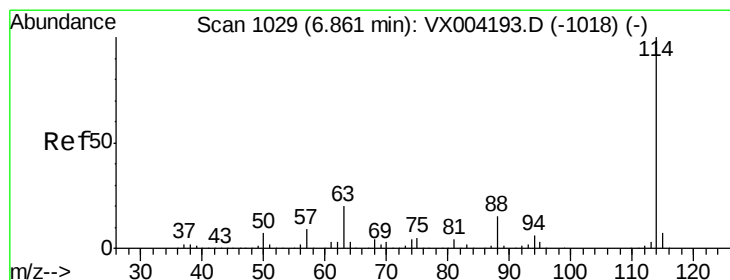
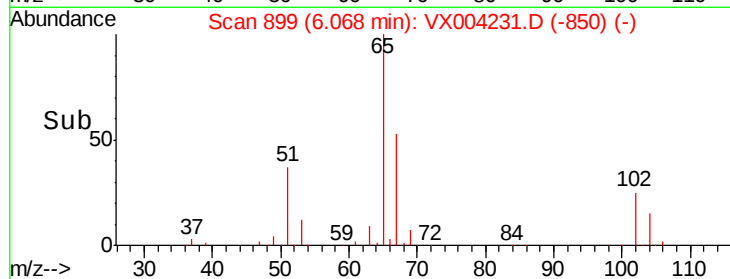
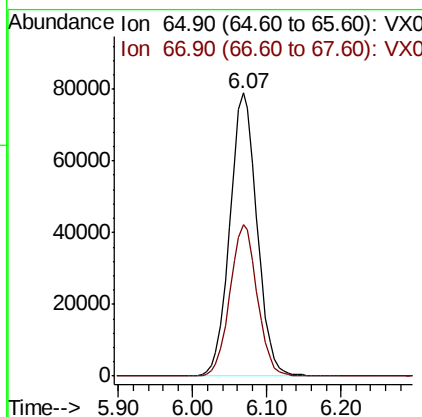
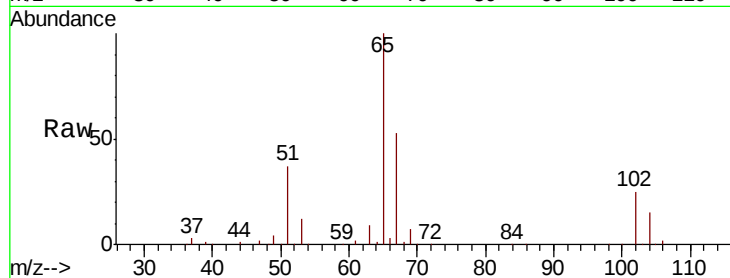




#33
 1,2-Dichloroethane-d4
 Concen: 50.46 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004231.D
 Acq: 23 Aug 2018 17:12

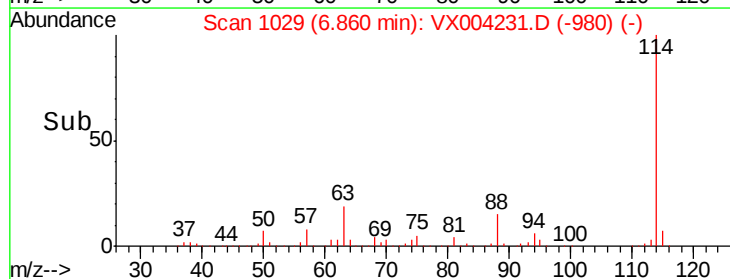
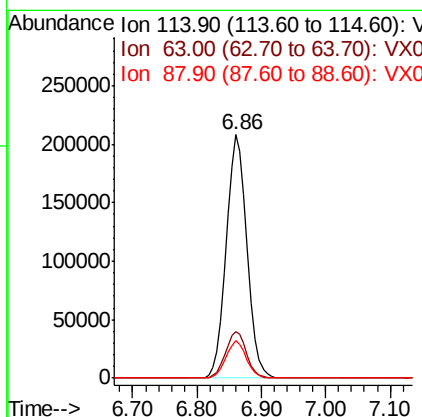
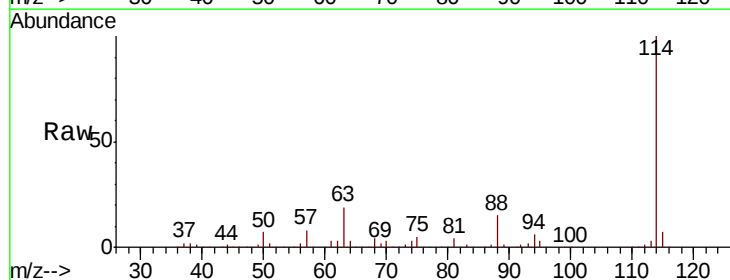
Instrument :
 MSVOA_X
 ClientSampleId :
 VB-N29937

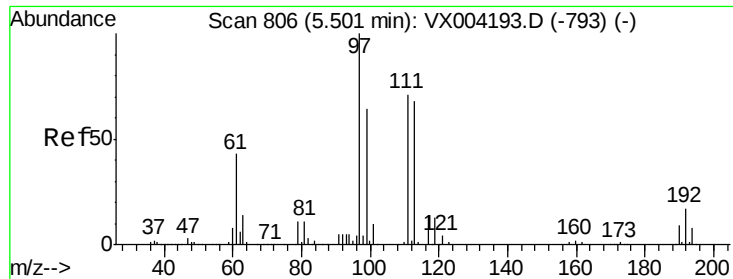
Tot Ion: 65 Resp: 201789
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004231.D
 Acq: 23 Aug 2018 17:12

Tgt Ion: 114 Resp: 473442
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.5 0.0 30.4

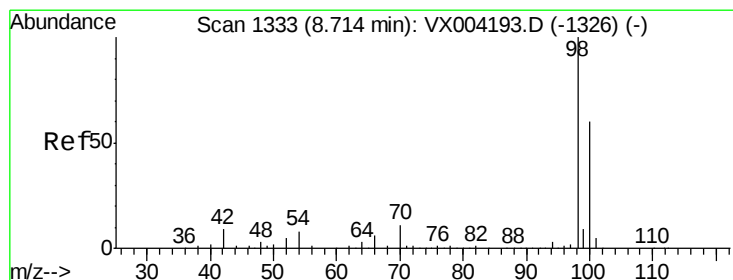
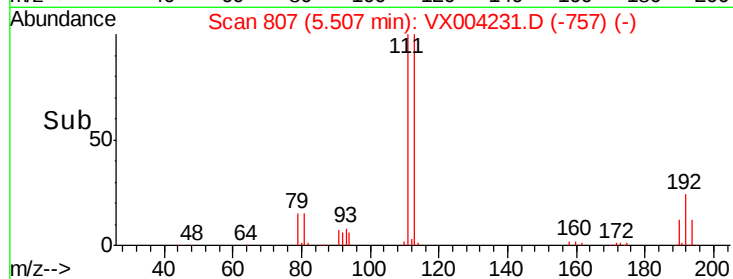
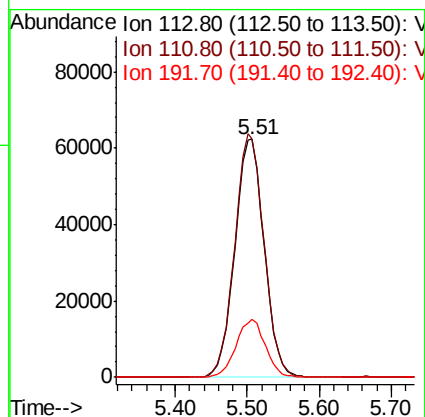
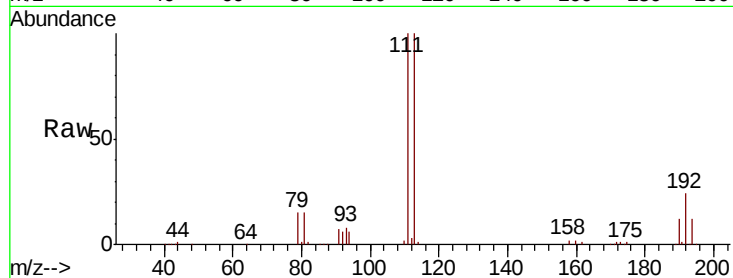




#35
 Dibromofluoromethane
 Concen: 50.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004231.D
 Acq: 23 Aug 2018 17:12

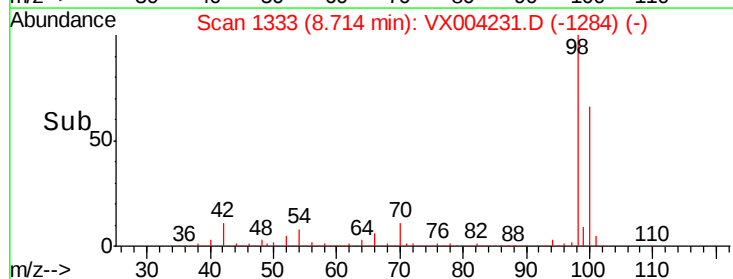
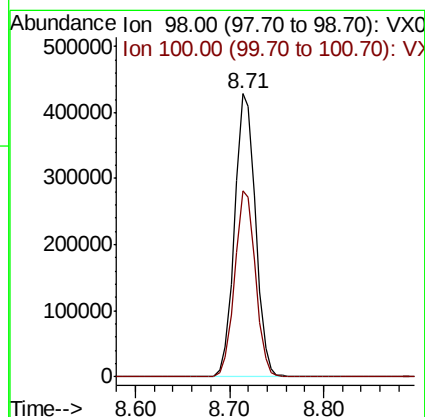
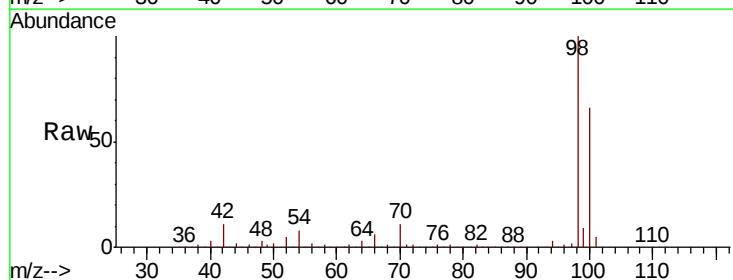
Instrument :
 MSVOA_X
 ClientSampleId :
 VB-N29937

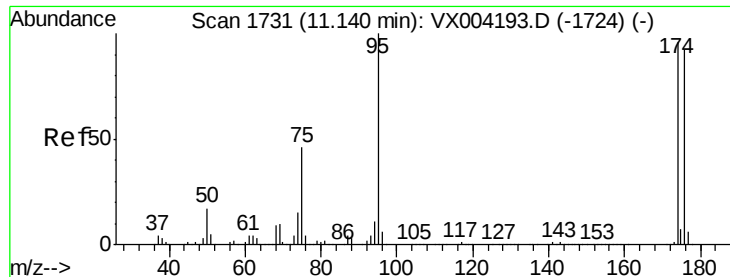
Tot Ion:113 Resp: 176703
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.4 123.6
 192 24.2 19.4 29.2



#50
 Toluene-d8
 Concen: 49.51 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VX004231.D
 Acq: 23 Aug 2018 17:12

Tgt Ion: 98 Resp: 658253
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.9 79.3

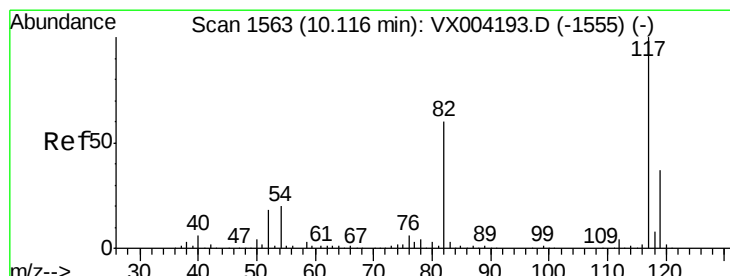
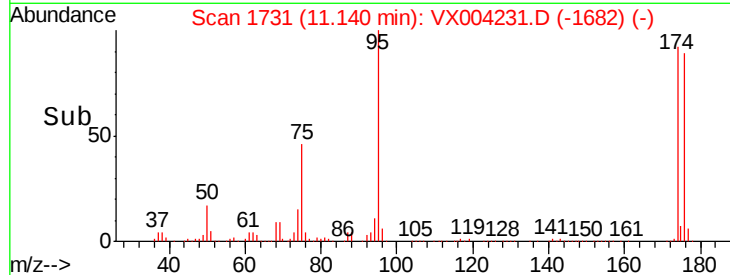
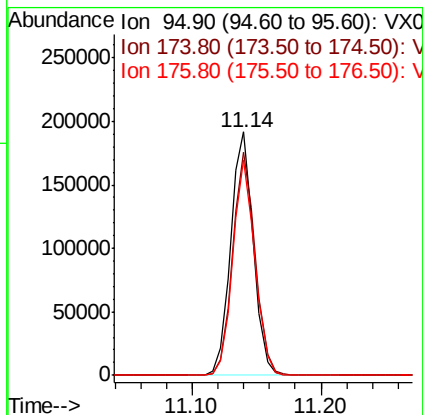
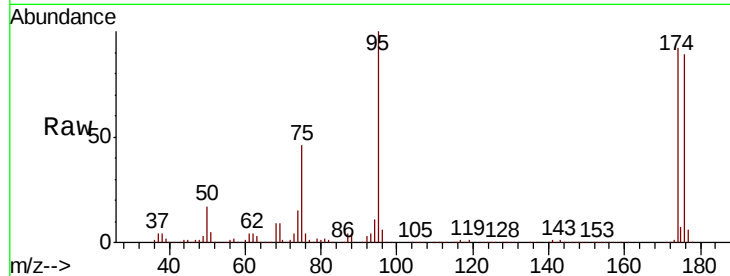




#62
4-Bromofluorobenzene
Concen: 47.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

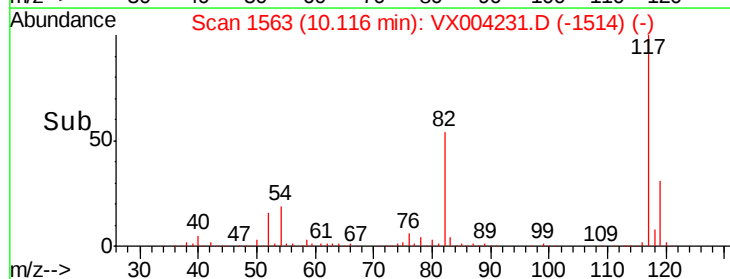
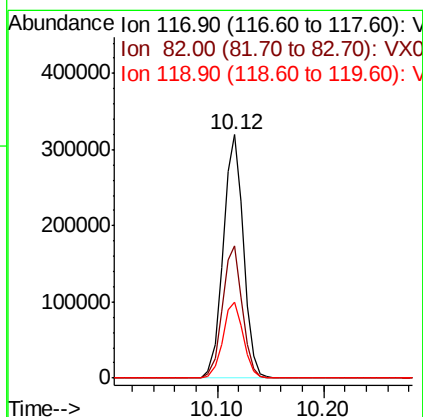
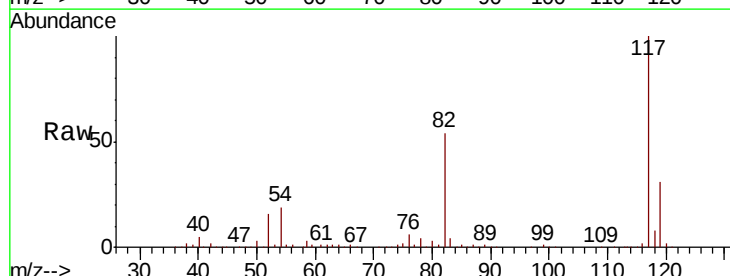
Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

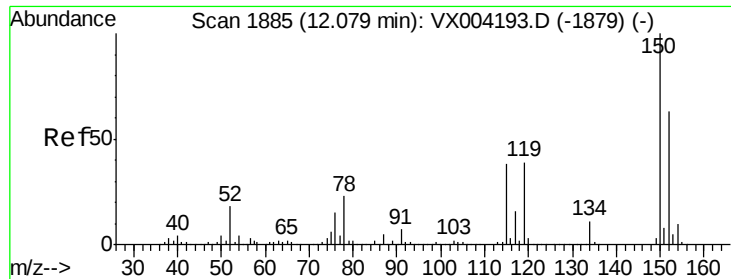
Tot Ion	95	Resp	235856
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	185.2
176	86.7	0.0	178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion	117	Resp	422650
Ion	Ratio	Lower	Upper
117	100		
82	54.1	47.8	71.6
119	31.3	29.3	43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004231.D

Acq: 23 Aug 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

VB-N29937

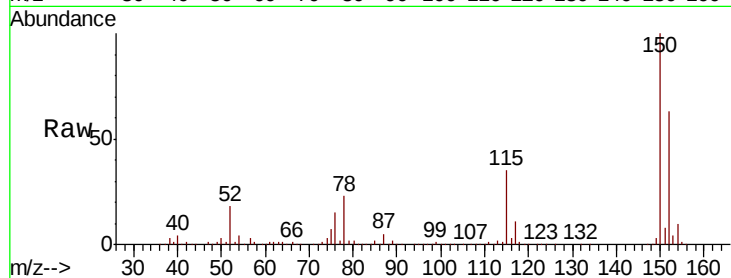
Tot Ion:152 Resp: 242381

Ion Ratio Lower Upper

152 100

115 54.8 39.0 117.0

150 158.7 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

