

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003633.D
 Acq On : 24 Jul 2018 05:23
 Operator : JC/SP
 Sample : J4073-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-071618

Quant Time: Jul 24 09:11:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

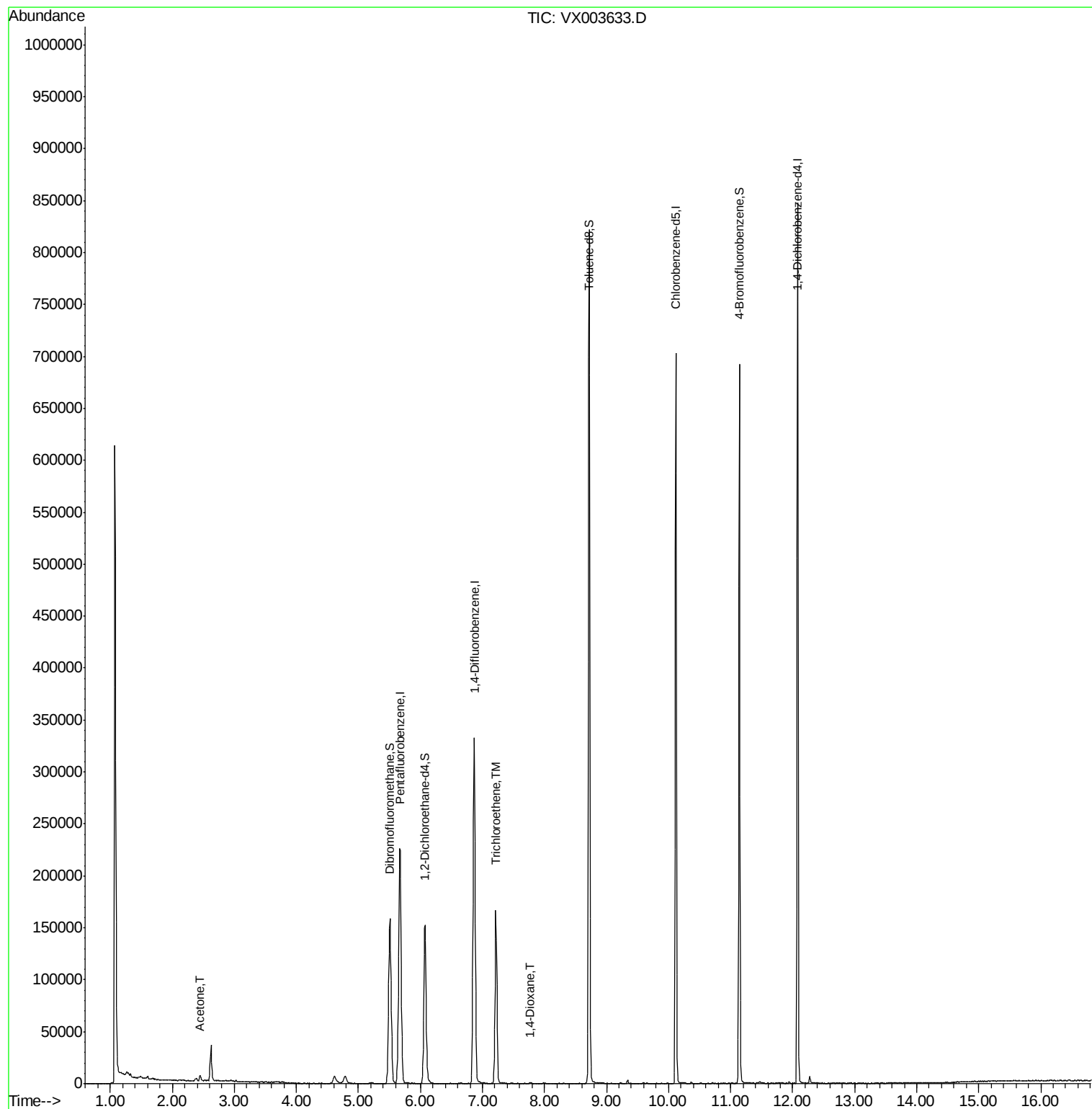
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140845	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	5.51	113	134637	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	8.72	98	503219	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	171516	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
Target Compounds						
16) Acetone	2.45	43	5449	4.86	ug/l	# 75
44) Trichloroethene	7.21	130	72699	21.09	ug/l	98
49) 1,4-Dioxane	7.77	88	631	9.58	ug/l	94

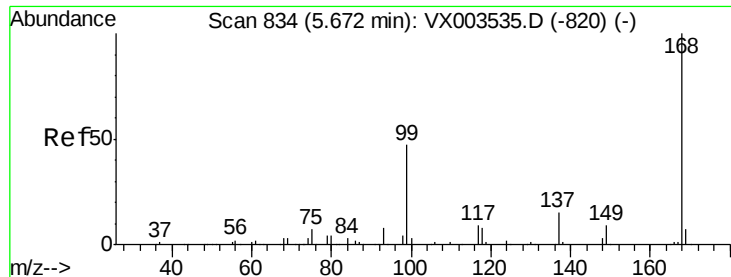
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003633.D

Acq: 24 Jul 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

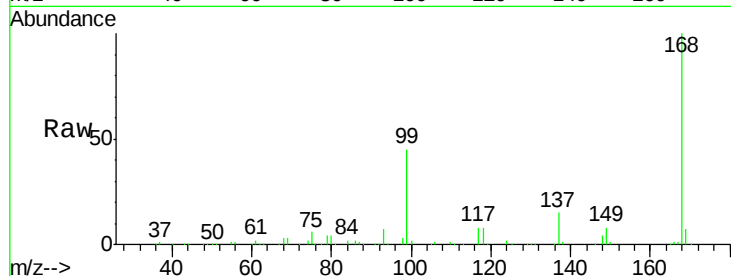
RE109D1-071618

Tot Ion:168 Resp: 250563

Ion Ratio Lower Upper

168 100

99 44.6 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

100000

80000

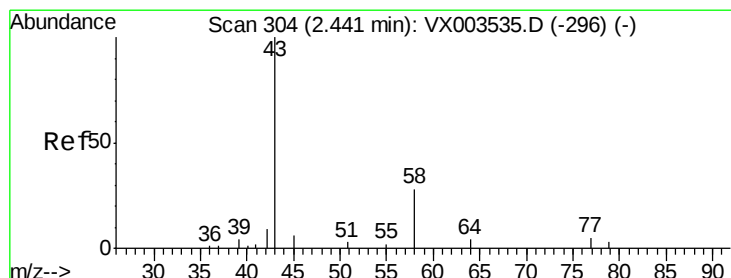
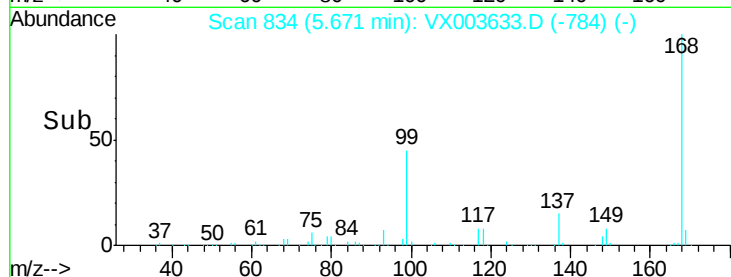
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.86 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003633.D

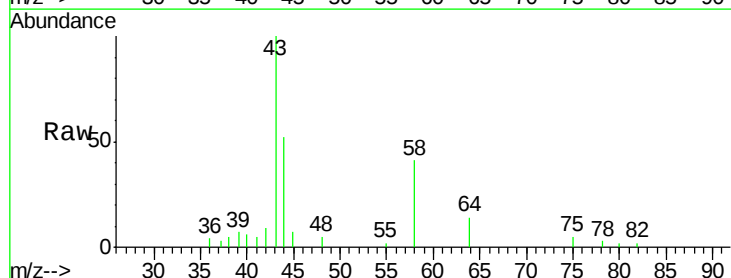
Acq: 24 Jul 2018 05:23

Tgt Ion: 43 Resp: 5449

Ion Ratio Lower Upper

43 100

58 40.5 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

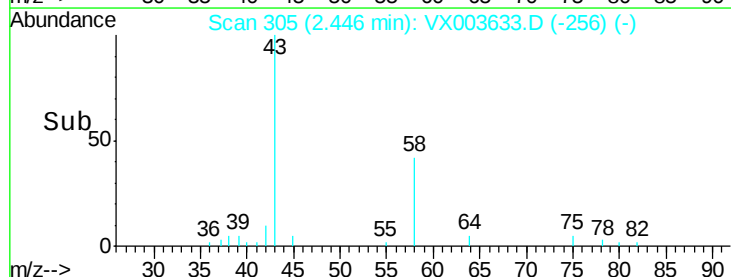
3000

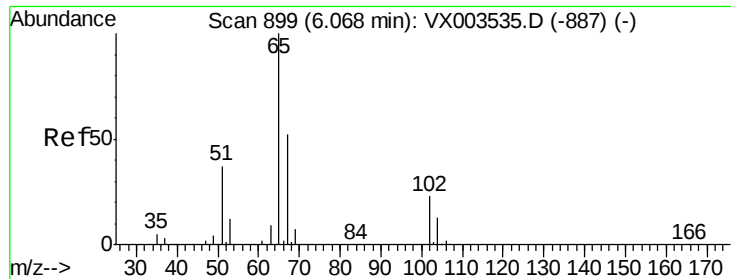
2000

1000

0

Time--> 2.40 2.45 2.50

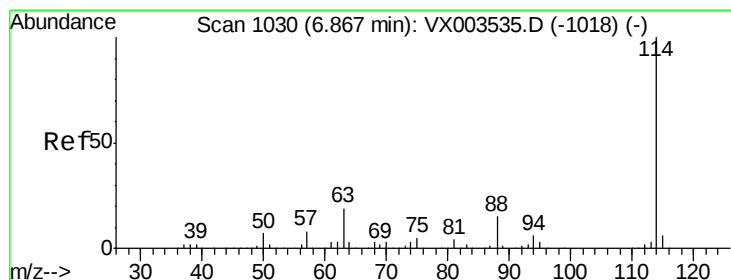
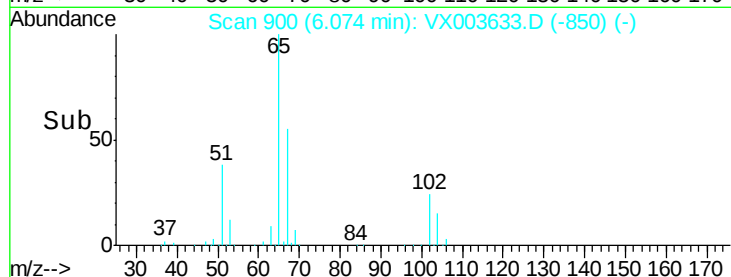
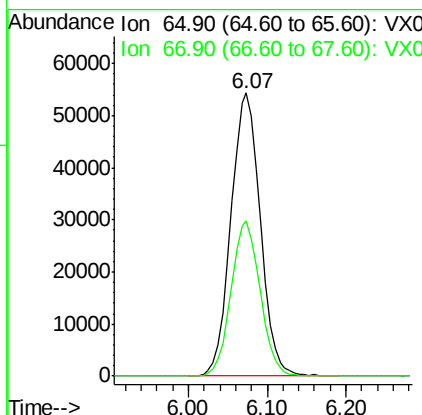
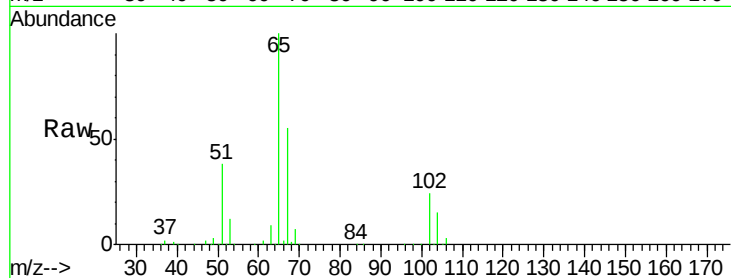




#33
 1,2-Dichloroethane-d4
 Concen: 47.49 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003633.D
 Acq: 24 Jul 2018 05:23

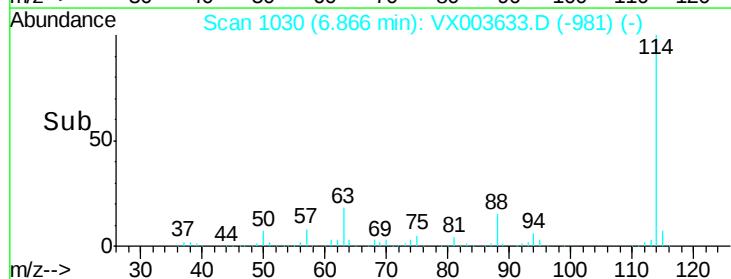
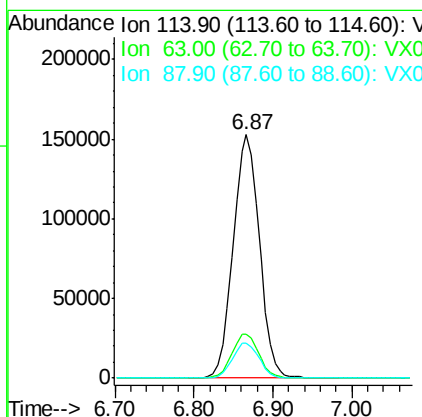
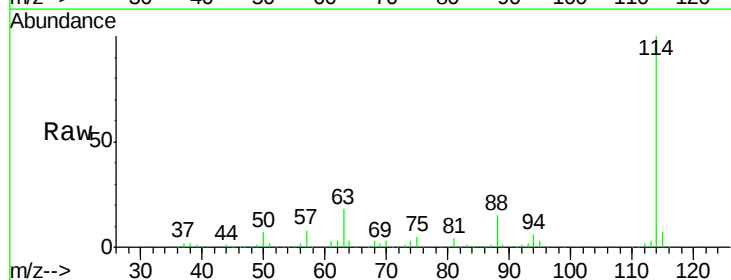
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-071618

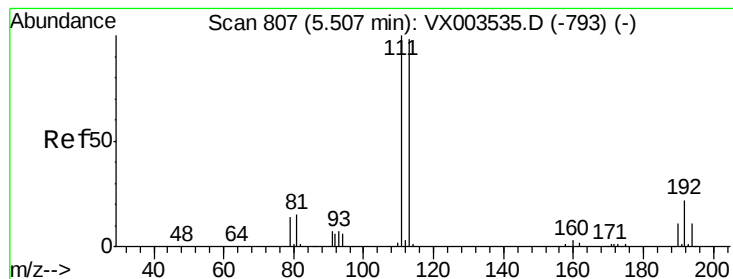
Tot Ion: 65 Resp: 140845
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003633.D
 Acq: 24 Jul 2018 05:23

Tgt Ion: 114 Resp: 354577
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 41.4
 88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.85 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003633.D

Acq: 24 Jul 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-071618

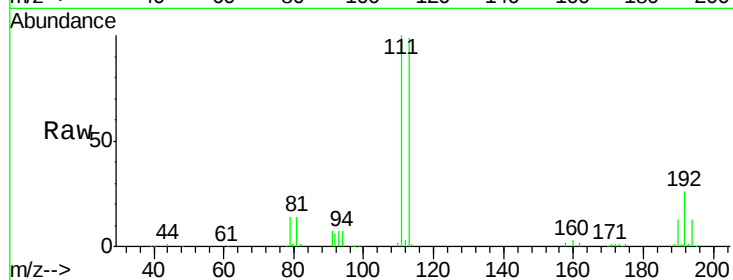
Tot Ion:113 Resp: 134637

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

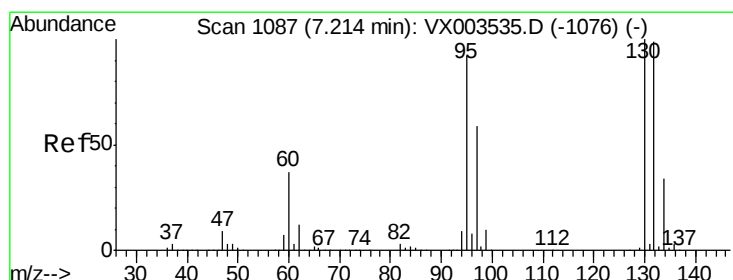
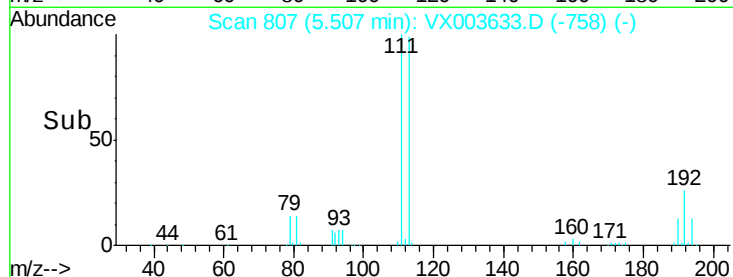
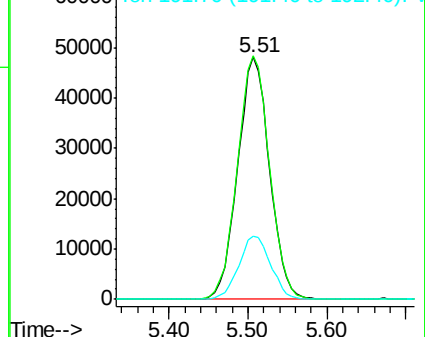
192 26.2 19.1 28.7



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



#44

Trichloroethene

Concen: 21.09 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003633.D

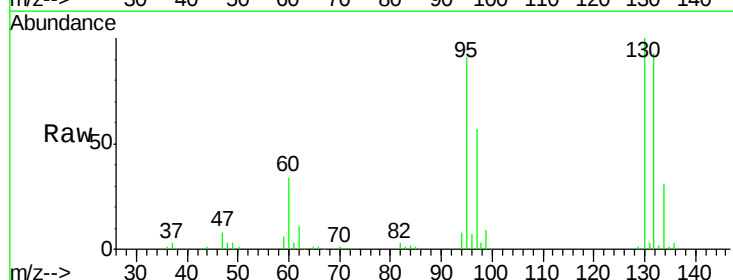
Acq: 24 Jul 2018 05:23

Tgt Ion:130 Resp: 72699

Ion Ratio Lower Upper

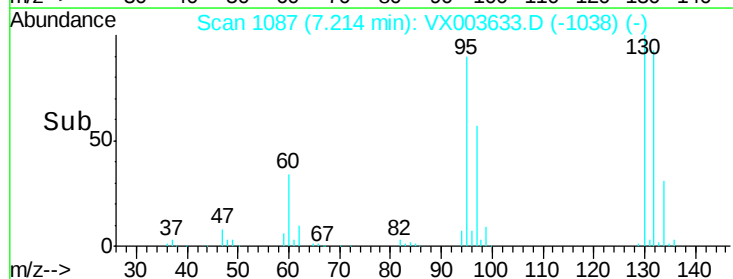
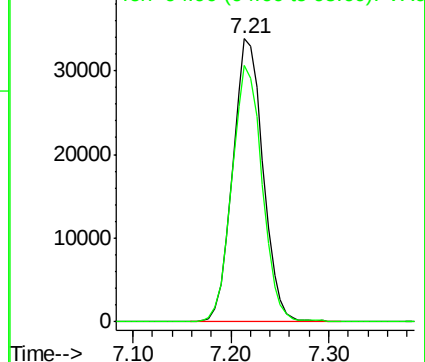
130 100

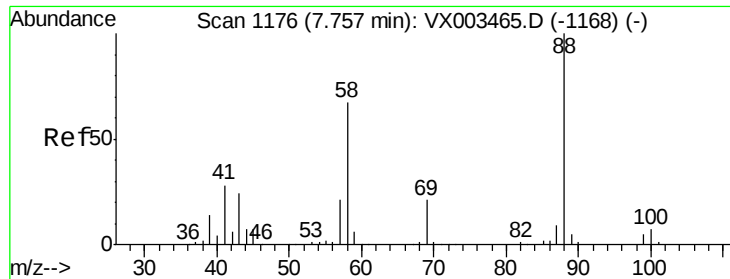
95 90.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

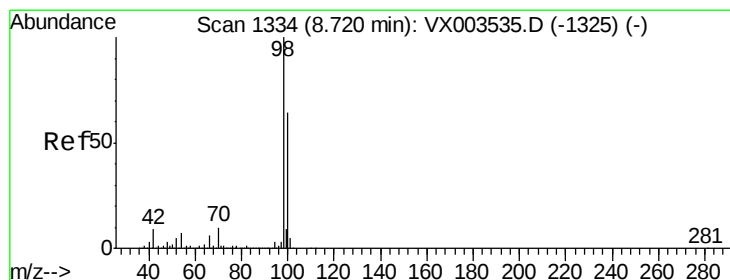
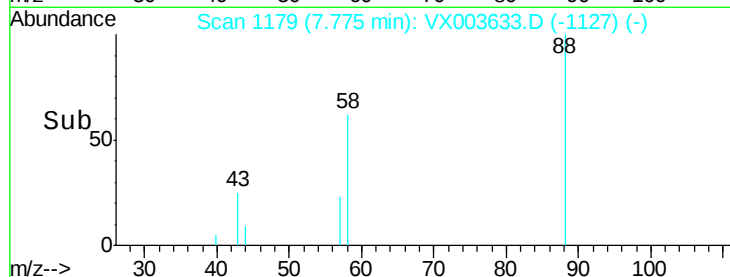
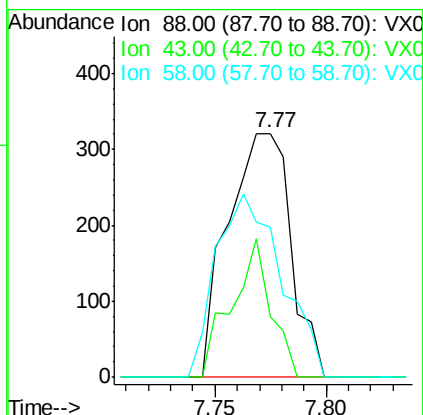
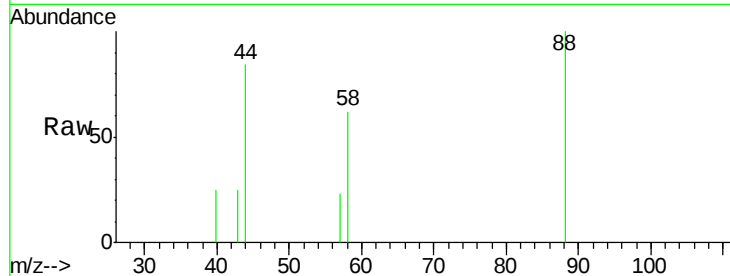




#49
1,4-Dioxane
Concen: 9.58 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX003633.D
Acq: 24 Jul 2018 05:23

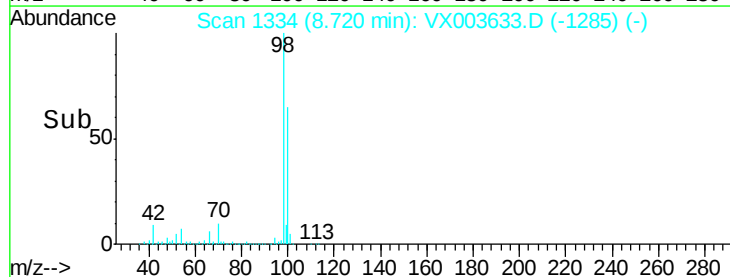
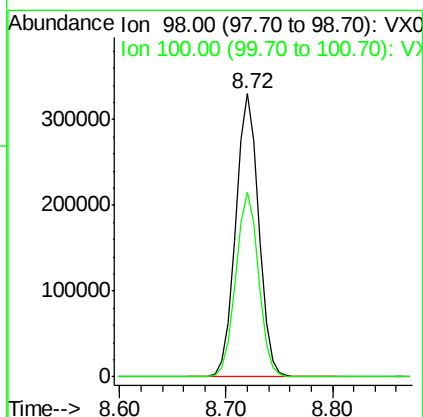
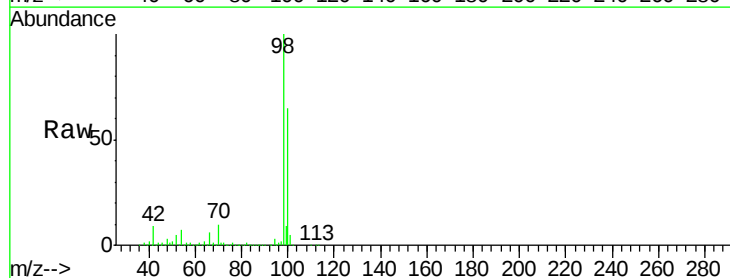
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-071618

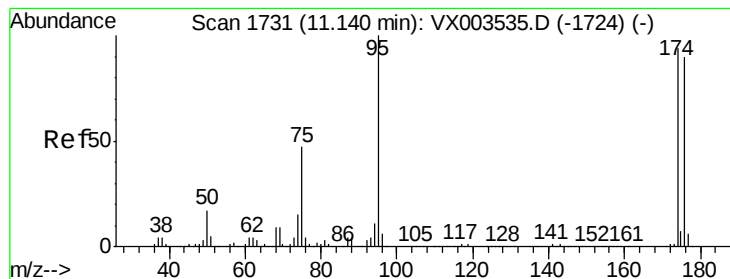
Tot Ion: 88 Resp: 631
Ion Ratio Lower Upper
88 100
43 35.3 29.8 44.6
58 78.1 57.1 85.7



#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003633.D
Acq: 24 Jul 2018 05:23

Tgt Ion: 98 Resp: 503219
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 46.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003633.D

Acq: 24 Jul 2018 05:23

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-071618

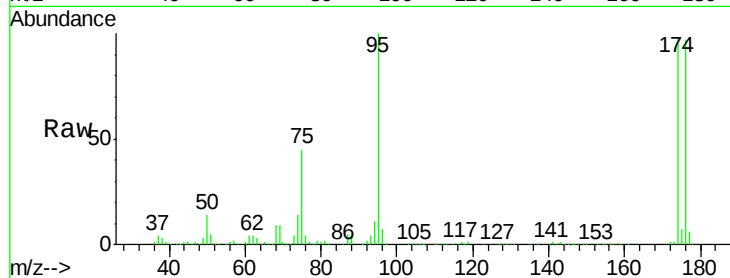
Tot Ion: 95 Resp: 171516

Ion Ratio Lower Upper

95 100

174 102.4 0.0 187.4

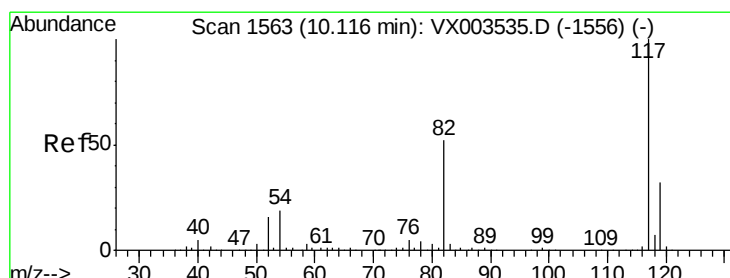
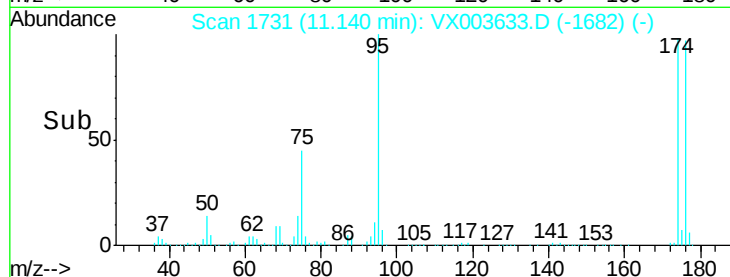
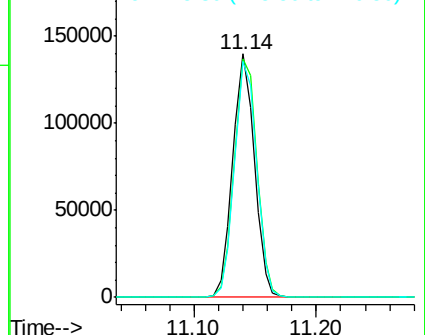
176 99.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003633.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003633.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003633.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003633.D

Acq: 24 Jul 2018 05:23

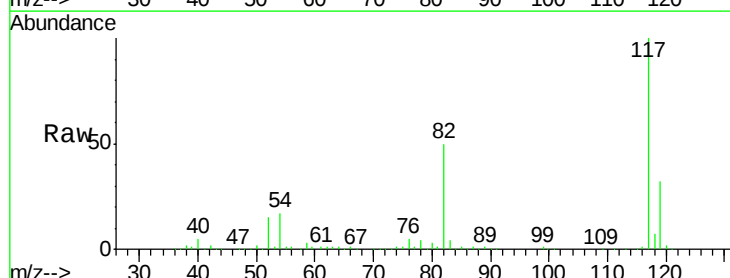
Tgt Ion: 117 Resp: 340906

Ion Ratio Lower Upper

117 100

82 50.3 45.0 67.4

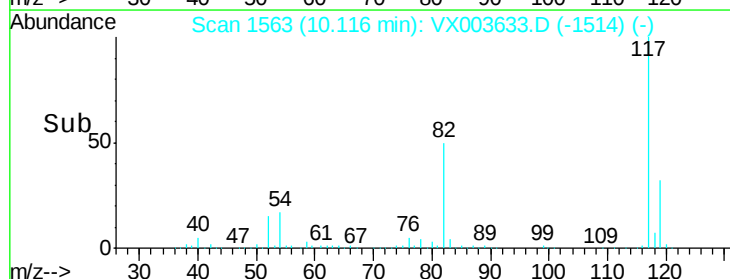
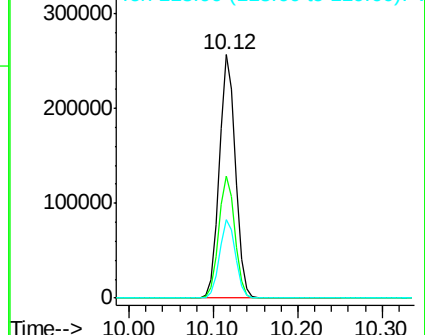
119 32.2 25.8 38.6

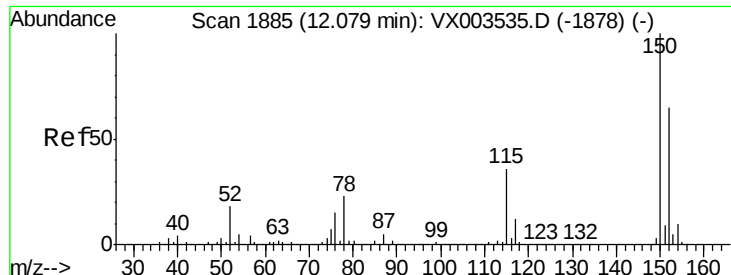


Abundance Ion 116.90 (116.60 to 117.60): VX003633.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003633.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003633.D (-1514) (-)

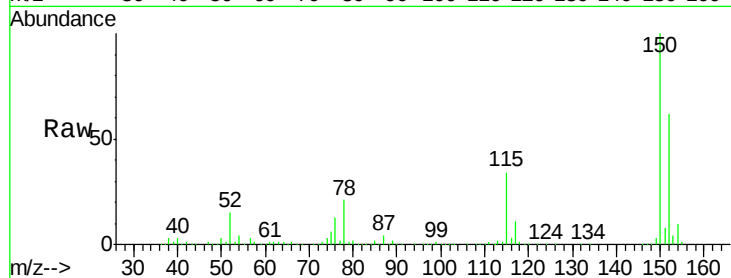




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX003633.D
 Acq: 24 Jul 2018 05:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-071618

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.2	40.1	120.2
150	158.5	0.0	347.2



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

