

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003634.D
 Acq On : 24 Jul 2018 05:49
 Operator : JC/SP
 Sample : J4073-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-071618

Quant Time: Jul 24 09:16:02 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

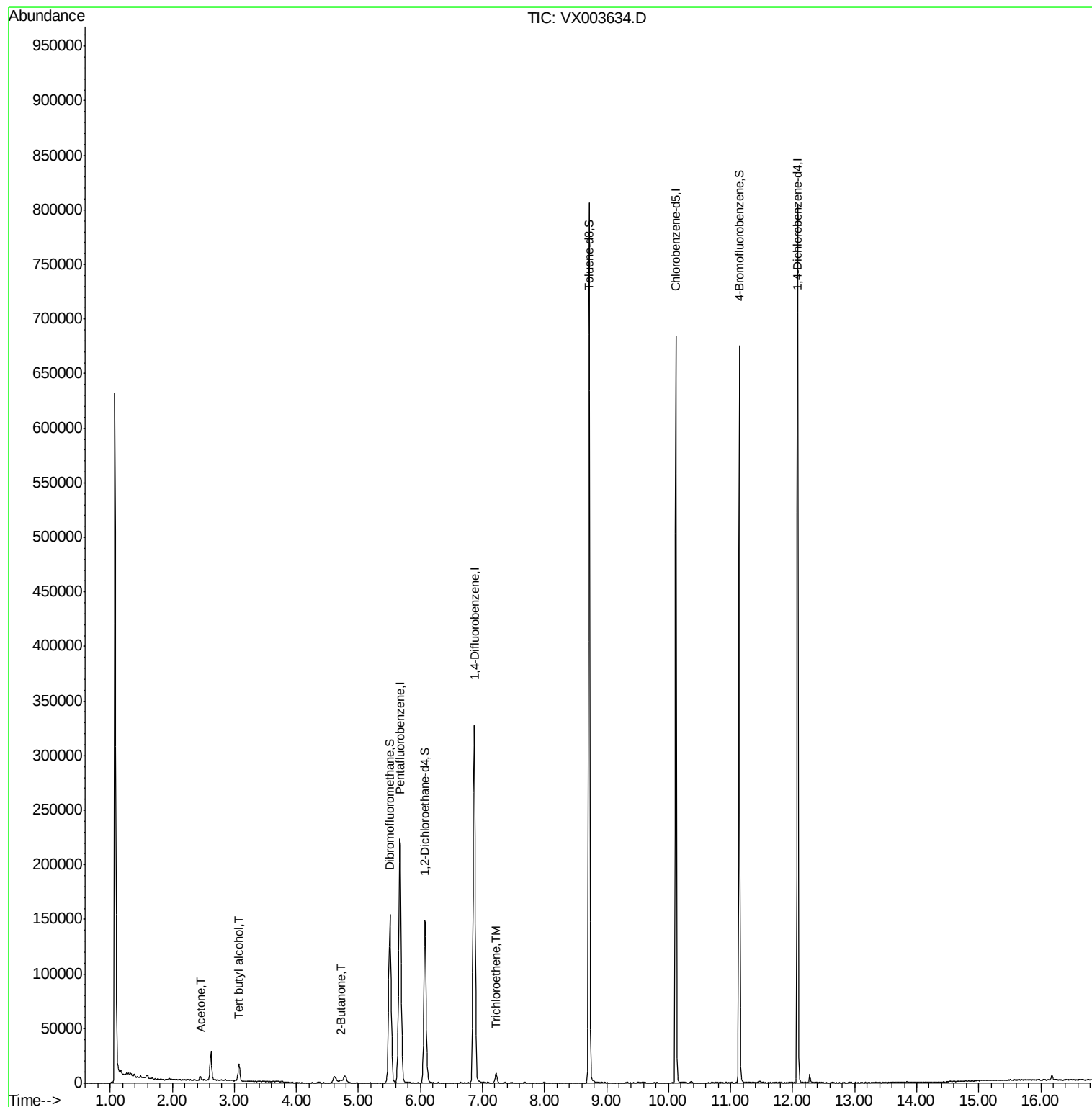
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138416	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	130676	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.72	98	487103	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.14	95	167105	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	19985	34.80	ug/l	Qvalue 100
16) Acetone	2.45	43	3715	3.39	ug/l #	87
25) 2-Butanone	4.71	43	4524	2.46	ug/l	96
44) Trichloroethene	7.22	130	3992	1.16	ug/l	96

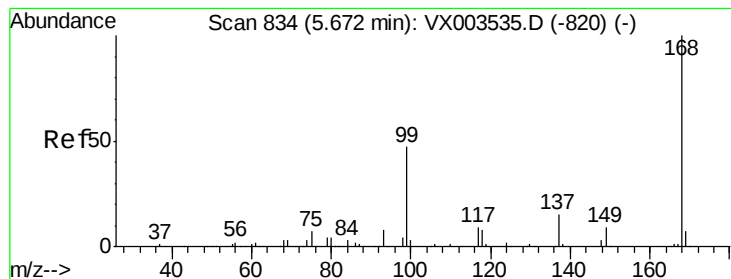
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003634.D

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Instrument :

MSVOA_X

ClientSampleId :

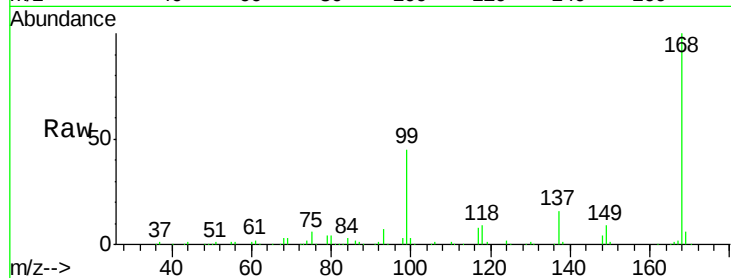
RE117D2-071618

Tot Ion:168 Resp: 245146

Ion Ratio Lower Upper

168 100

99 44.7 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

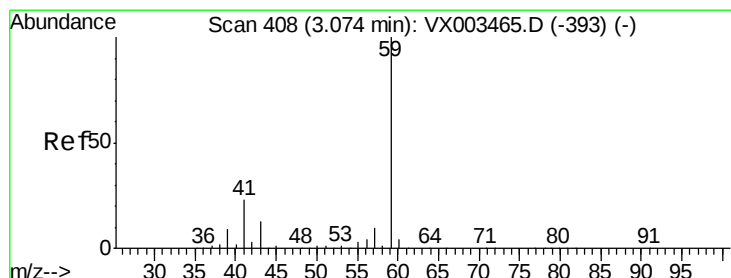
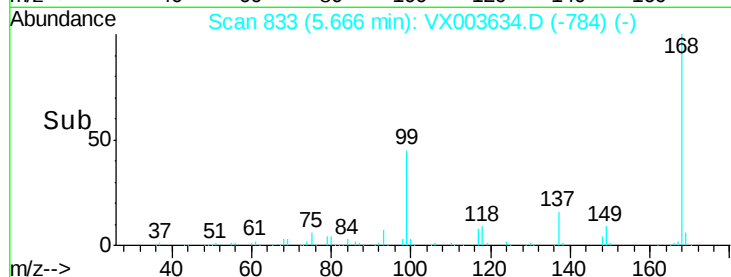
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 34.80 ug/l

RT: 3.07 min Scan# 408

Delta R.T. 0.00 min

Lab File: VX003634.D

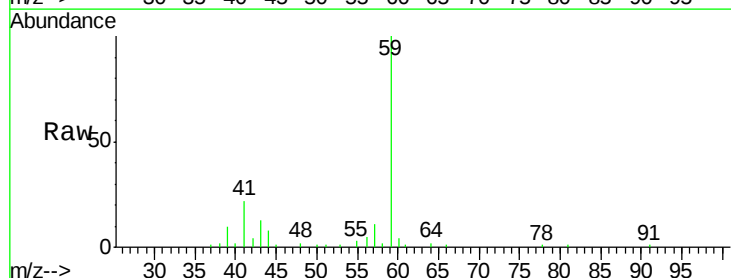
Acq: 24 Jul 2018 05:49

Tgt Ion: 59 Resp: 19985

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

10000

8000

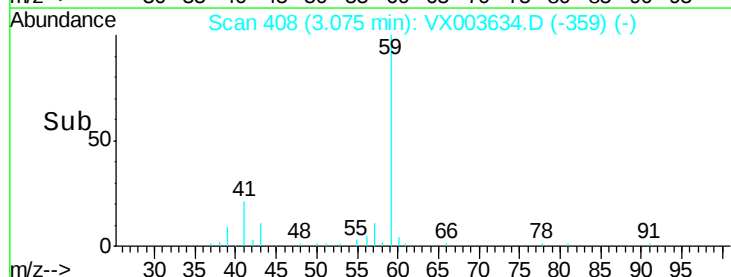
6000

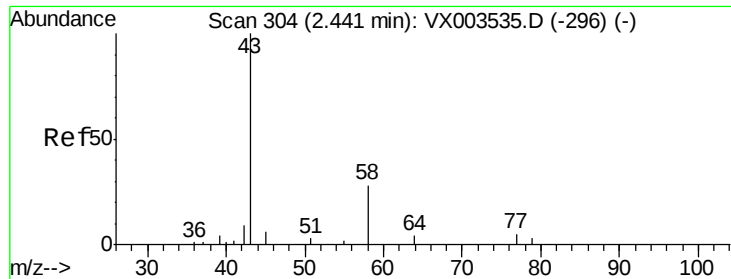
4000

2000

0

Time--> 2.90 3.00 3.10 3.20





#16

Acetone

Concen: 3.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

ClientSampleId :

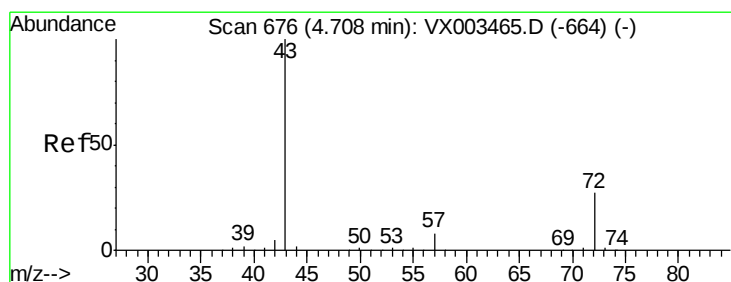
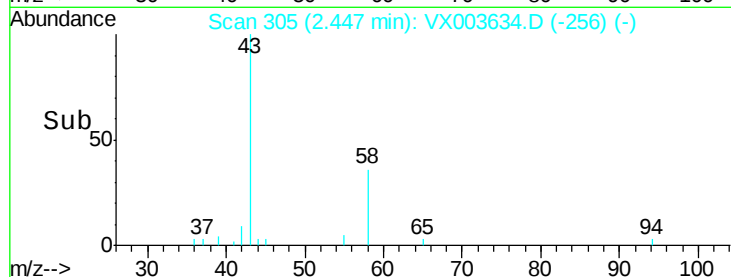
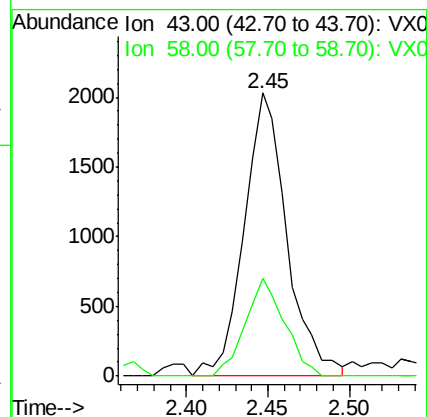
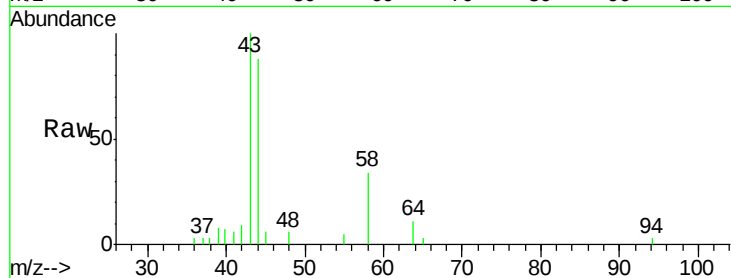
RE117D2-071618

Tot Ion: 43 Resp: 3715

Ion Ratio Lower Upper

43 100

58 34.4 22.1 33.1#



#25

2-Butanone

Concen: 2.46 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003634.D

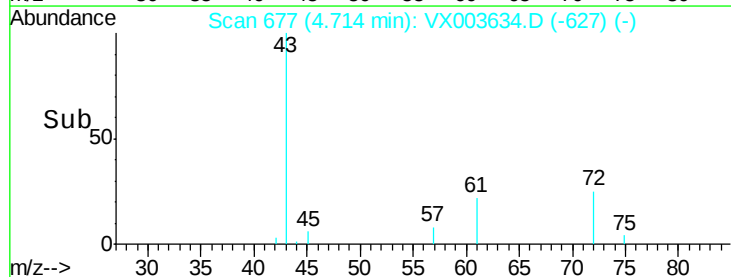
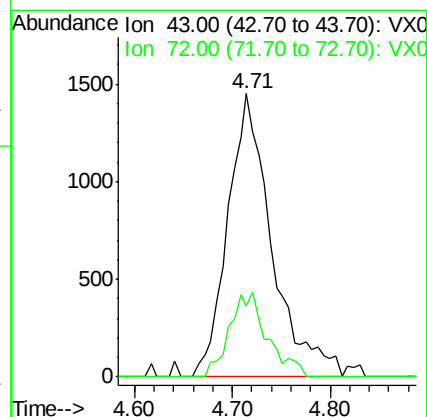
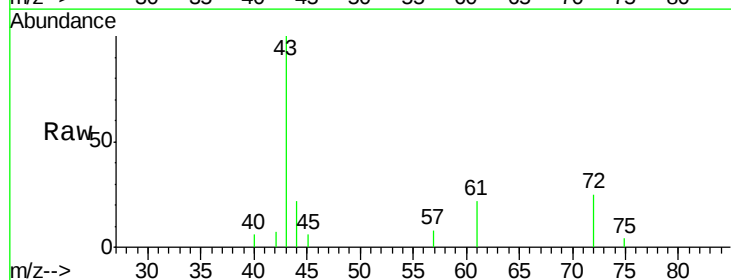
Acq: 24 Jul 2018 05:49

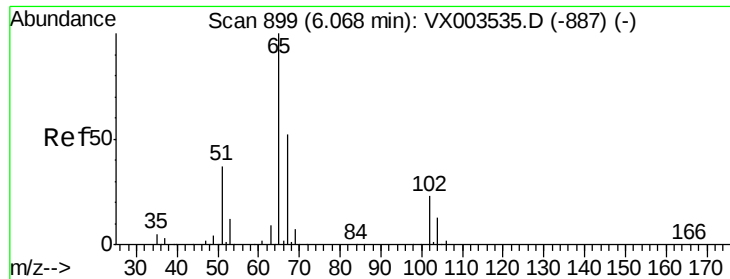
Tgt Ion: 43 Resp: 4524

Ion Ratio Lower Upper

43 100

72 25.0 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 47.70 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

ClientSampleId :

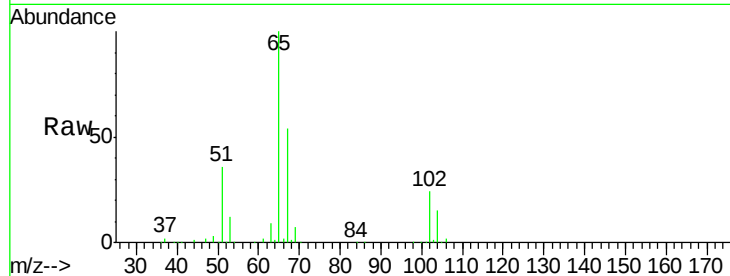
RE117D2-071618

Tot Ion: 65 Resp: 138416

Ion Ratio Lower Upper

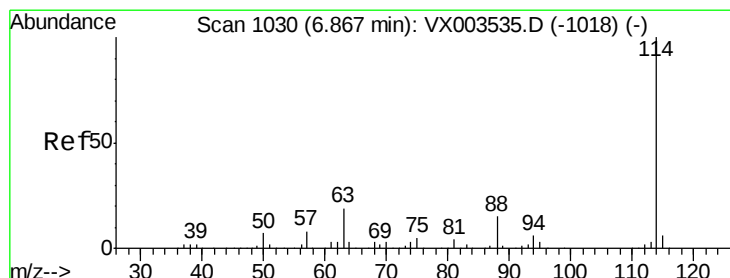
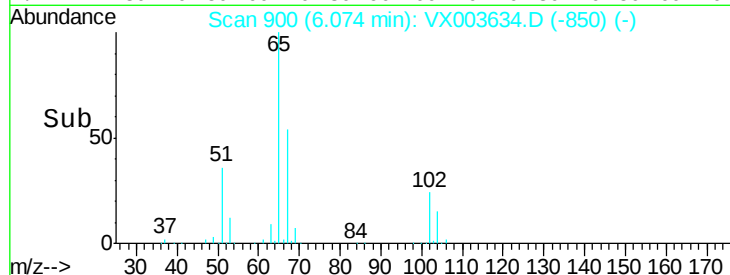
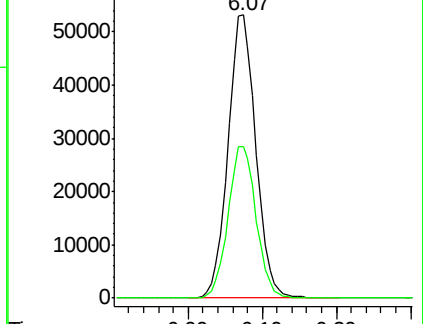
65 100

67 54.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

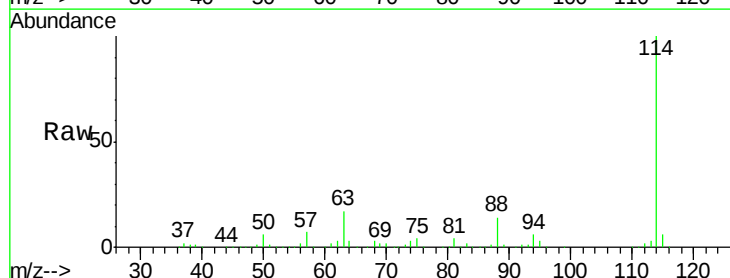
Tgt Ion: 114 Resp: 355283

Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.4

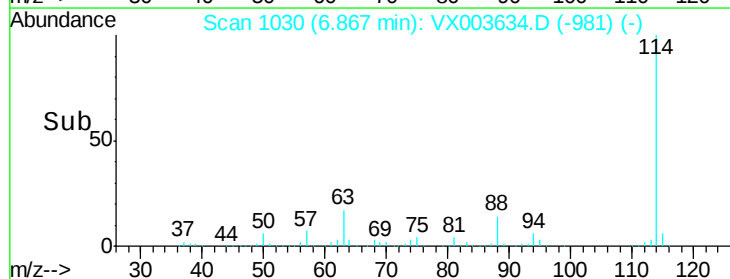
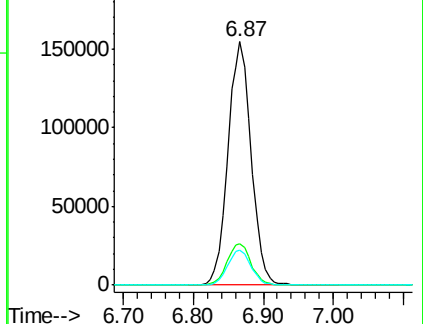
88 14.3 0.0 30.0

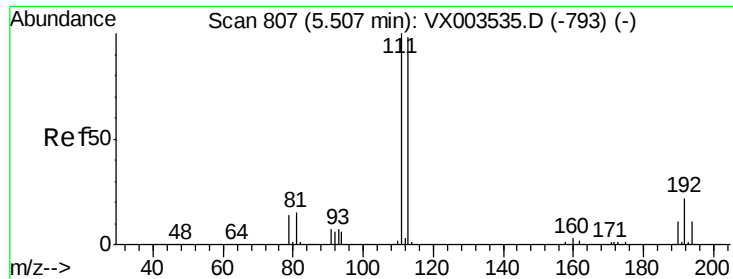


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

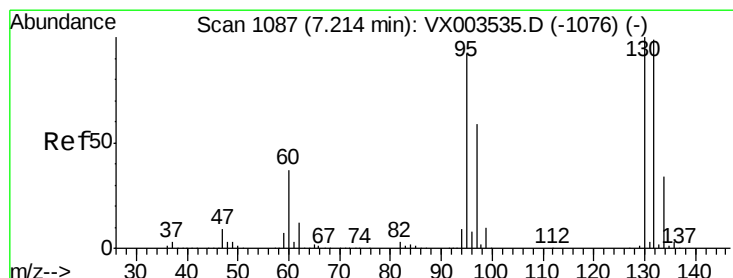
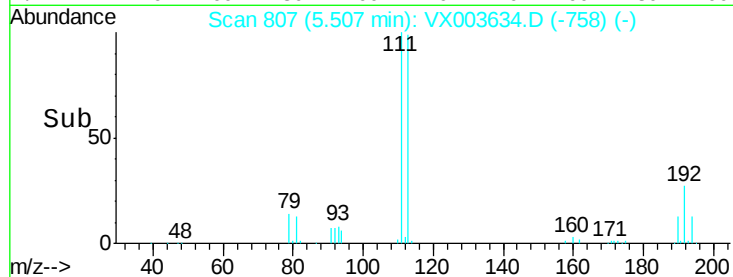
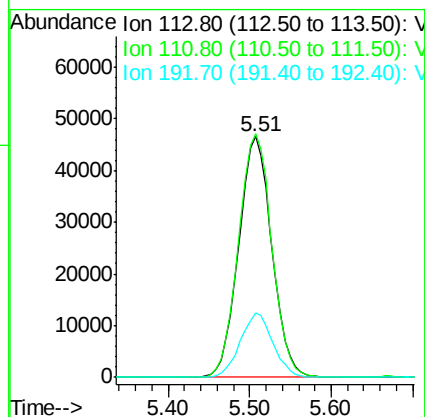
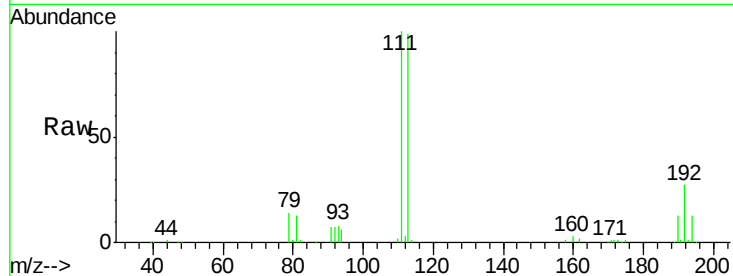




#35
Dibromofluoromethane
Concen: 48.29 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003634.D
Acq: 24 Jul 2018 05:49

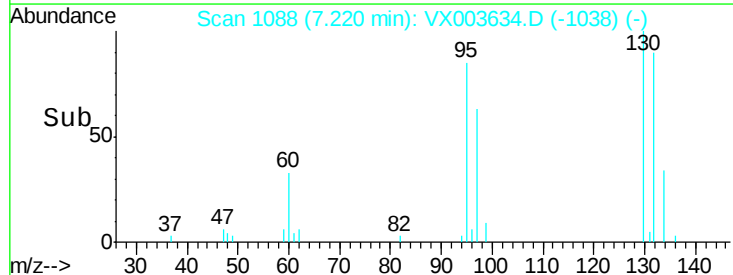
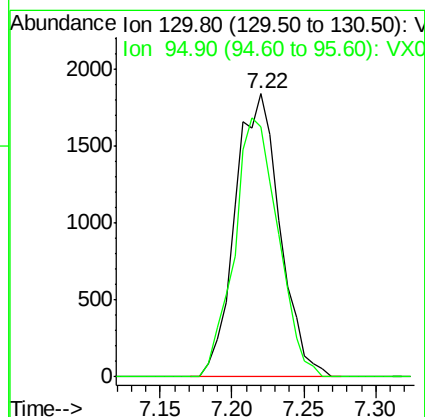
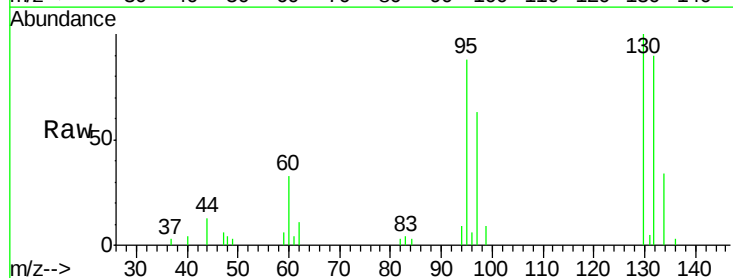
Instrument :
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ClientSampleId :
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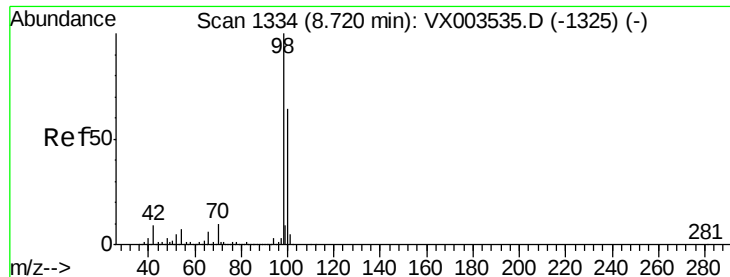
Tot Ion:113 Resp: 130676
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 26.4 19.1 28.7



#44
Trichloroethene
Concen: 1.16 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003634.D
Acq: 24 Jul 2018 05:49

Tgt Ion:130 Resp: 3992
Ion Ratio Lower Upper
130 100
95 88.5 0.0 185.4





#50

Toluene-d8

Concen: 47.89 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

Instrument :

MSVOA_X

ClientSampleId :

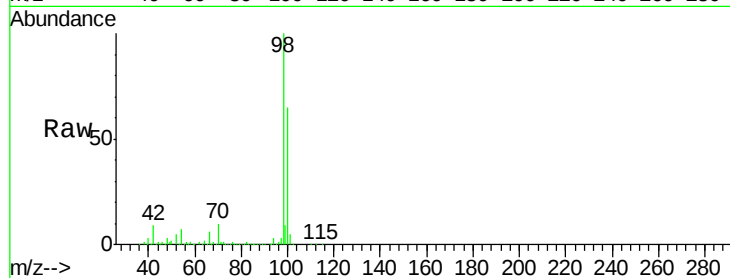
RE117D2-071618

Tot Ion: 98 Resp: 487103

Ion Ratio Lower Upper

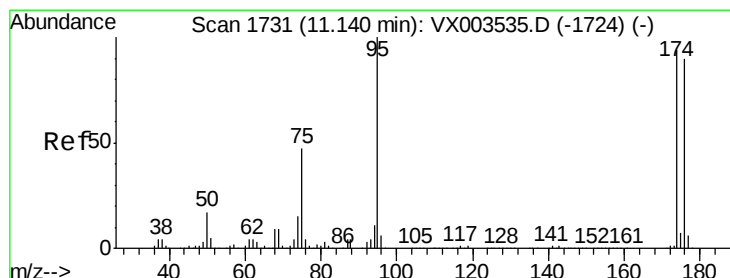
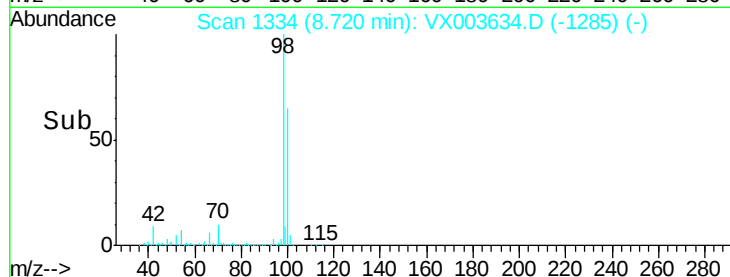
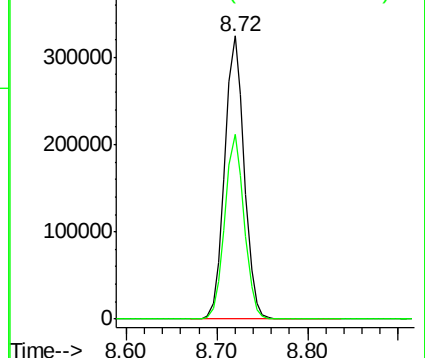
98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003634.D

Acq: 24 Jul 2018 05:49

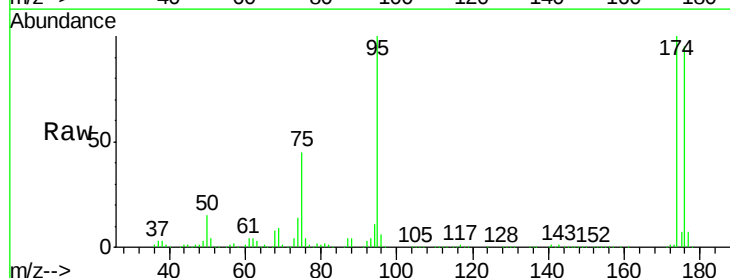
Tgt Ion: 95 Resp: 167105

Ion Ratio Lower Upper

95 100

174 102.2 0.0 187.4

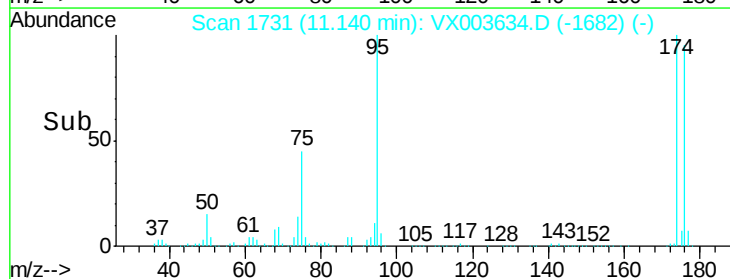
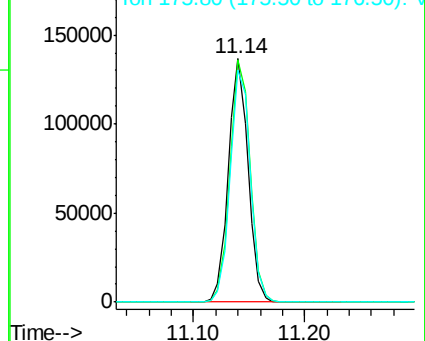
176 97.8 0.0 181.0

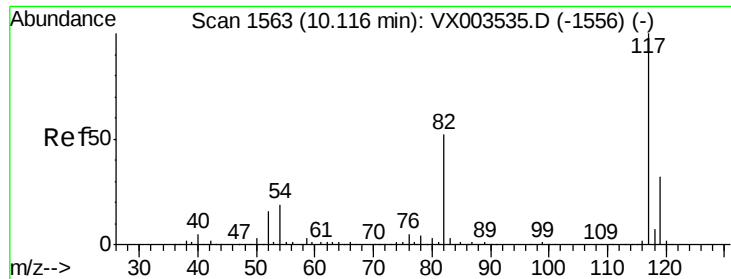


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

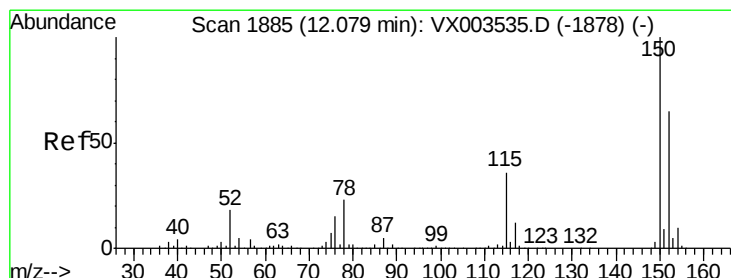
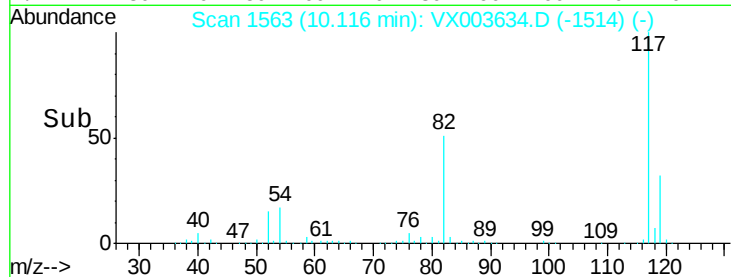
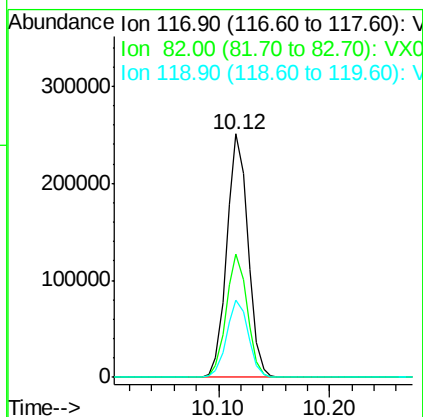
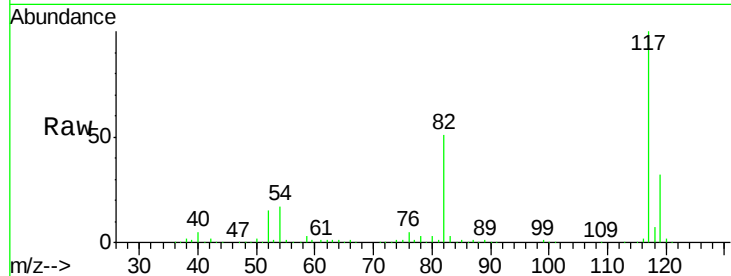




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003634.D
Acq: 24 Jul 2018 05:49

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-071618

Tot Ion:117 Resp: 330170
Ion Ratio Lower Upper
117 100
82 50.7 45.0 67.4
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003634.D
Acq: 24 Jul 2018 05:49

Tgt Ion:152 Resp: 185954
Ion Ratio Lower Upper
152 100
115 51.9 40.1 120.2
150 156.5 0.0 347.2

