

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003632.D
 Acq On : 24 Jul 2018 04:56
 Operator : JC/SP
 Sample : J4073-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-071818

Quant Time: Jul 24 09:09:18 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

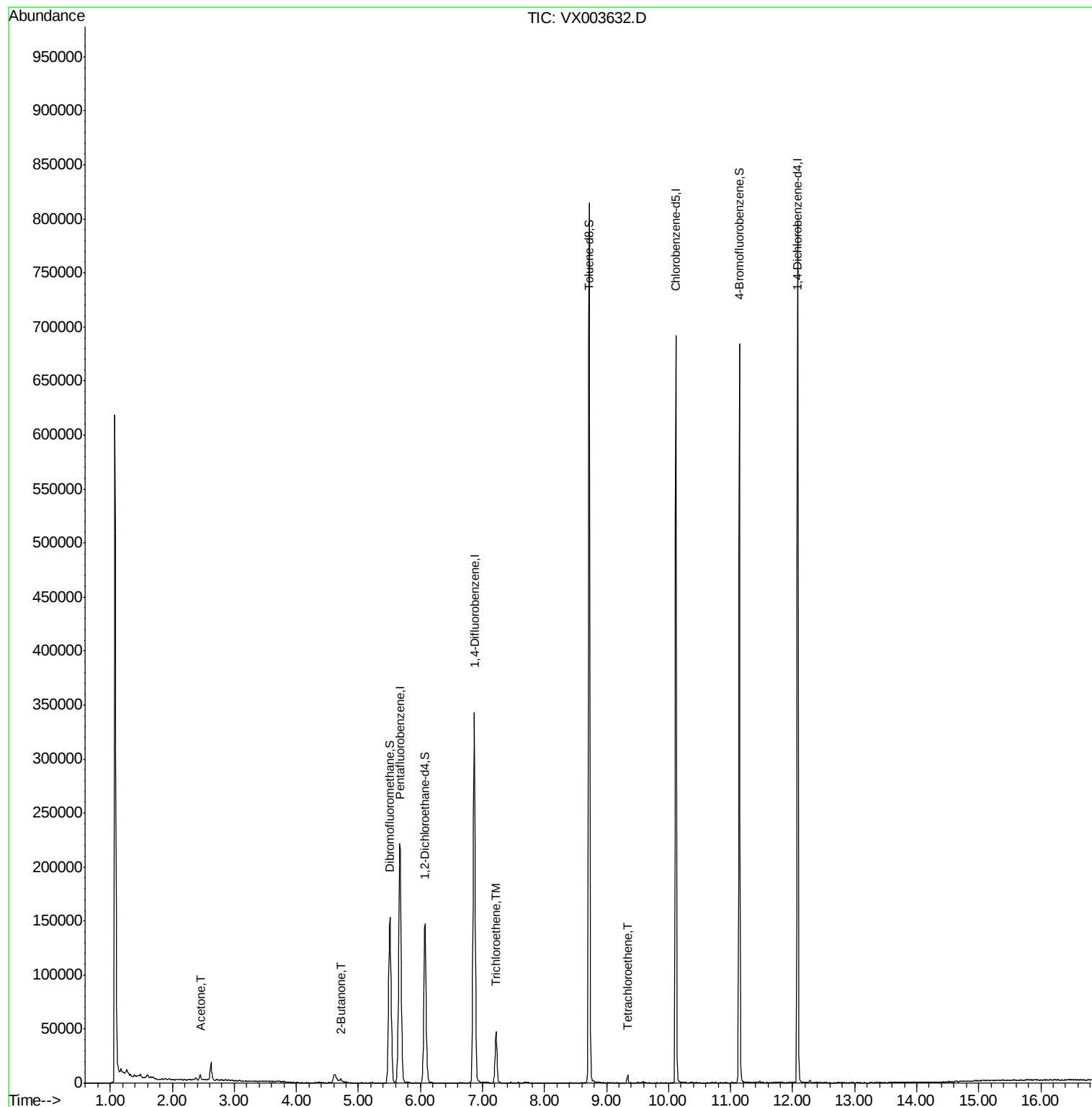
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136130	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	5.51	113	130150	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.72	98	486035	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.14	95	167761	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
16) Acetone	2.45	43	4714	4.34	ug/l	# 79
25) 2-Butanone	4.71	43	4807	2.63	ug/l	96
44) Trichloroethene	7.22	130	20545	6.03	ug/l	95
64) Tetrachloroethene	9.34	164	1703	0.42	ug/l	91

(#) = 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: VX003632.D

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MSVOA_X

ClientSampleId :

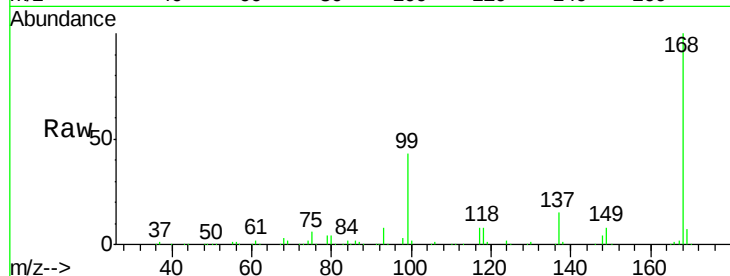
RE123D2-071818

Tot Ion:168 Resp: 243198

Ion Ratio Lower Upper

168 100

99 43.3 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

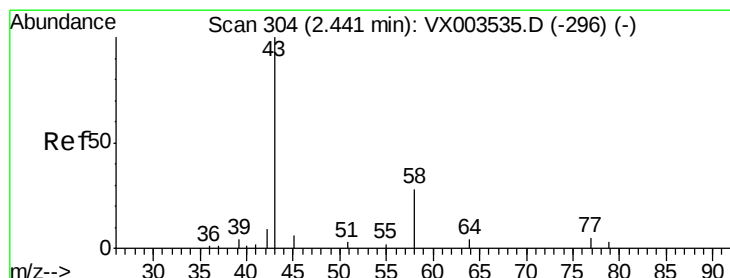
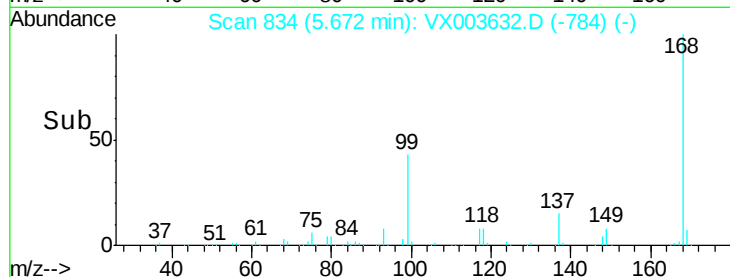
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003632.D

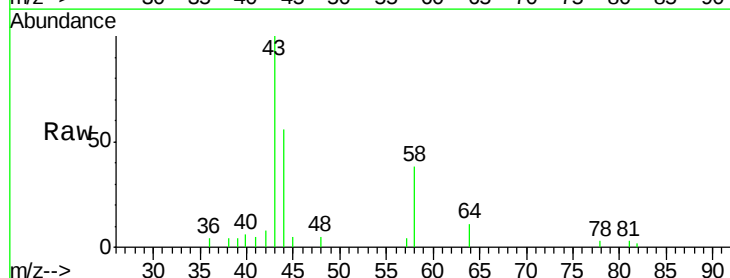
Acq: 24 Jul 2018 04:56

Tgt Ion: 43 Resp: 4714

Ion Ratio Lower Upper

43 100

58 38.8 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

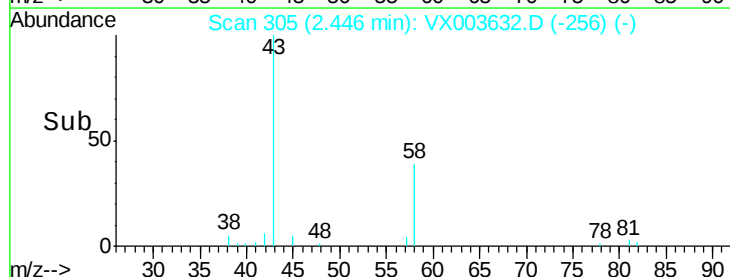
3000

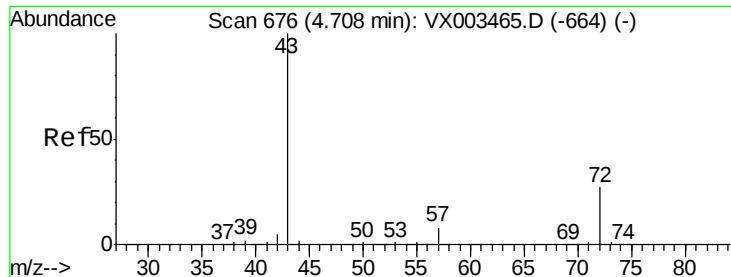
2000

1000

0

Time--> 2.40 2.45 2.50





#25

2-Butanone

Concen: 2.63 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003632.D

Acq: 24 Jul 2018 04:56

Instrument :

MSVOA_X

ClientSampleId :

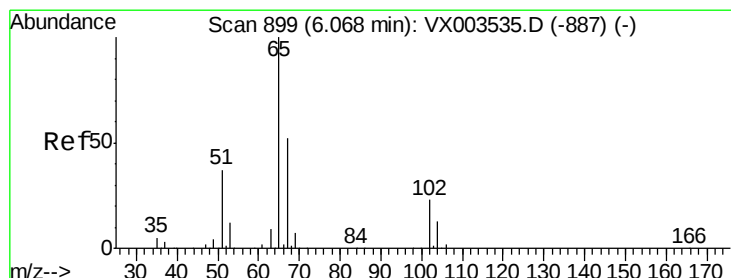
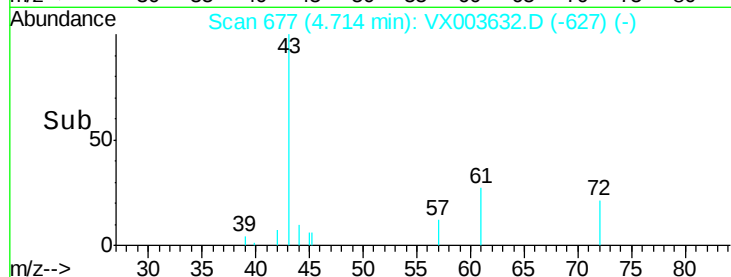
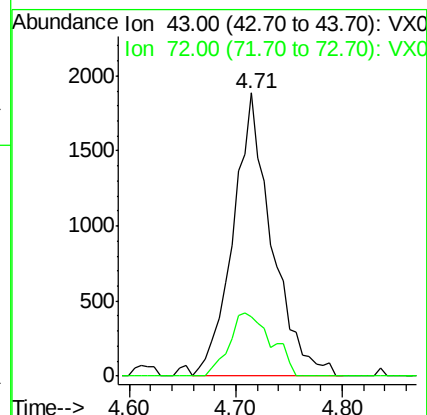
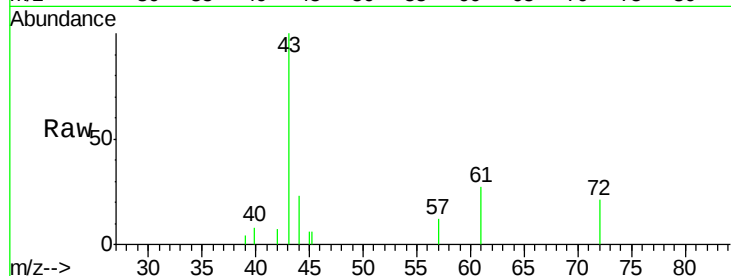
RE123D2-071818

Tot Ion: 43 Resp: 4807

Ion Ratio Lower Upper

43 100

72 21.2 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 47.29 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003632.D

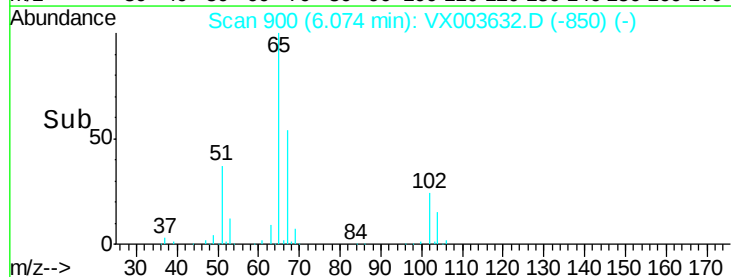
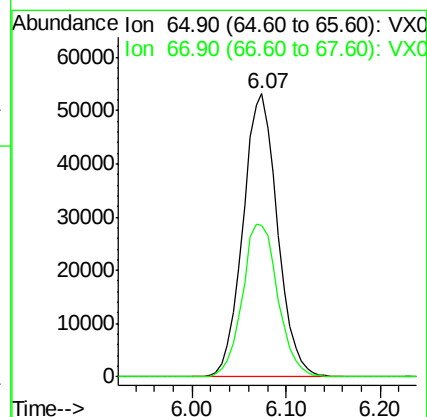
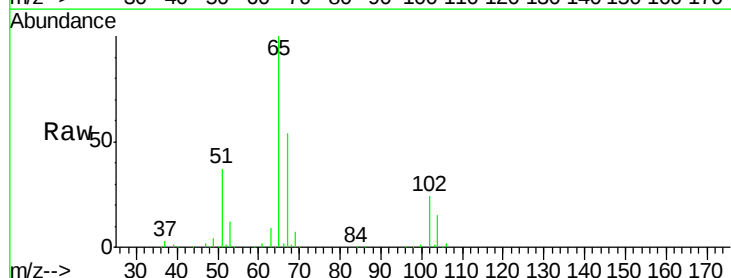
Acq: 24 Jul 2018 04:56

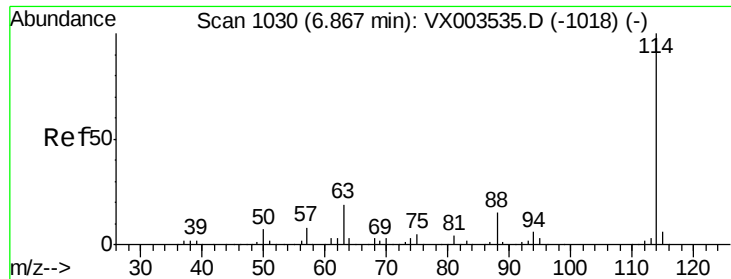
Tgt Ion: 65 Resp: 136130

Ion Ratio Lower Upper

65 100

67 55.6 0.0 102.6

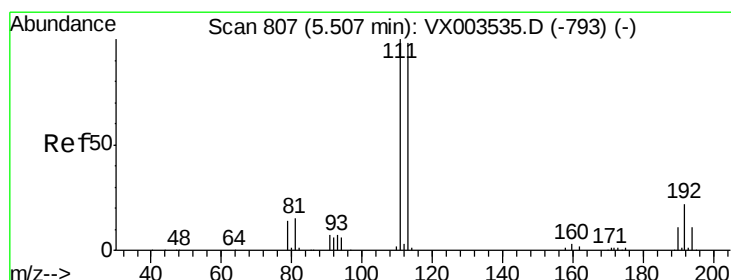
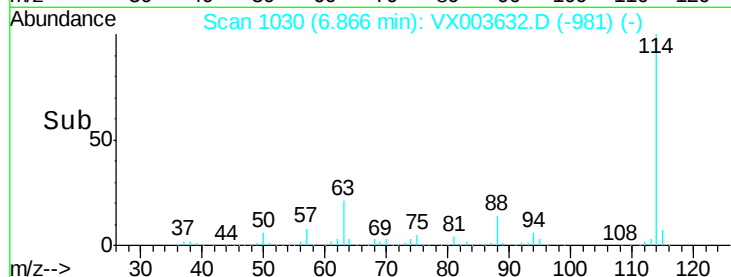
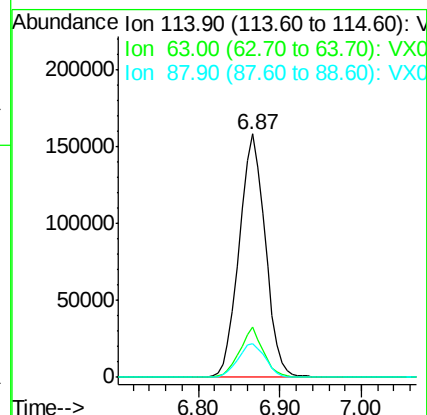
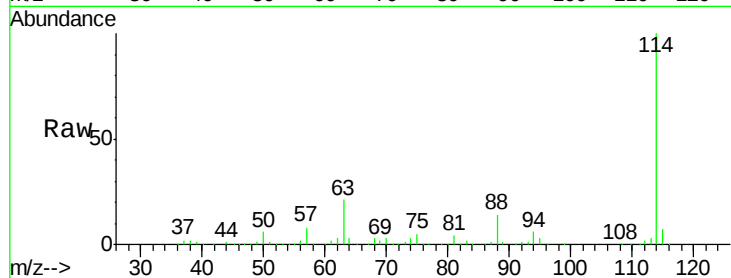




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003632.D
 Acq: 24 Jul 2018 04:56

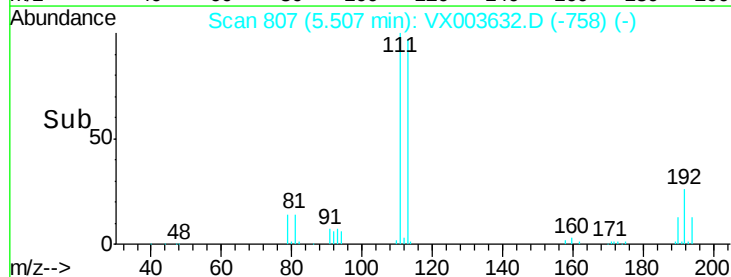
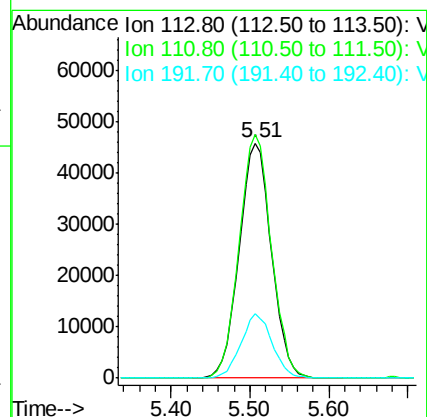
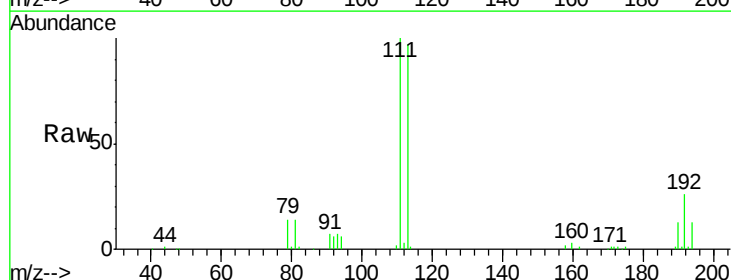
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-071818

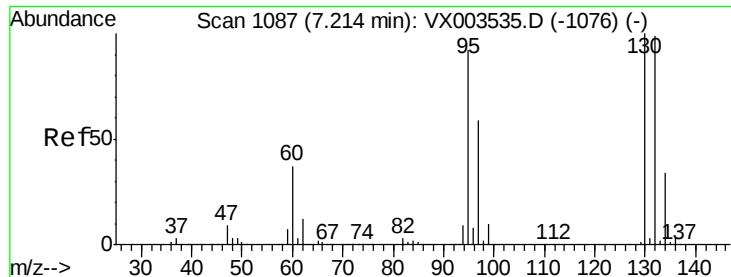
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	14.1	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.75 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003632.D
 Acq: 24 Jul 2018 04:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	26.4	19.1	28.7





#44

Trichloroethene

Concen: 6.03 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003632.D

Acq: 24 Jul 2018 04:56

Instrument :

MSVOA_X

ClientSampleId :

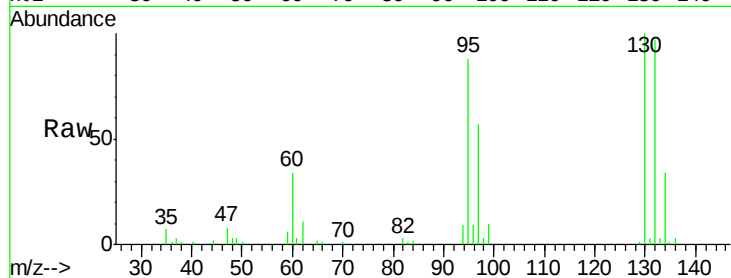
RE123D2-071818

Tot Ion:130 Resp: 20545

Ion Ratio Lower Upper

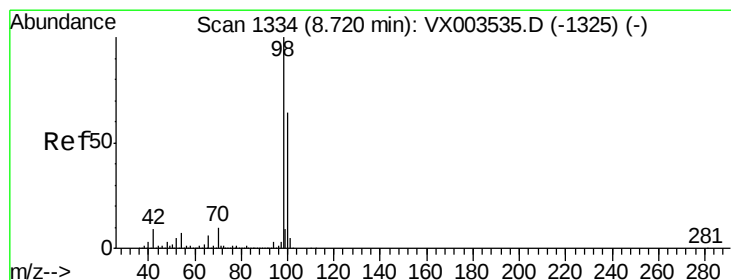
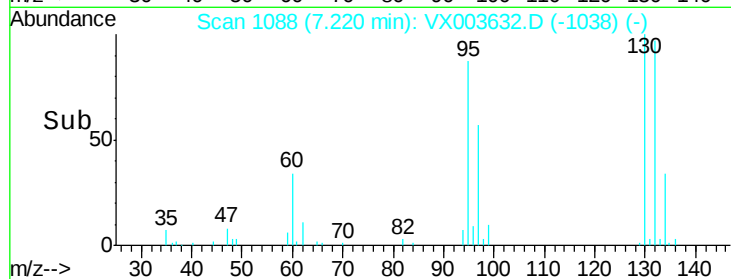
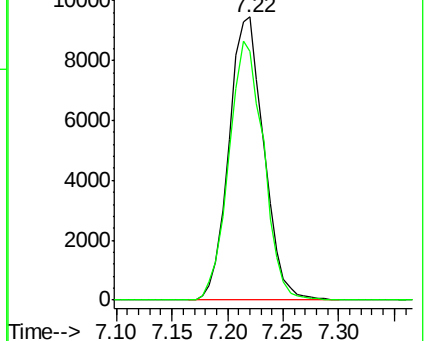
130 100

95 87.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003632.D

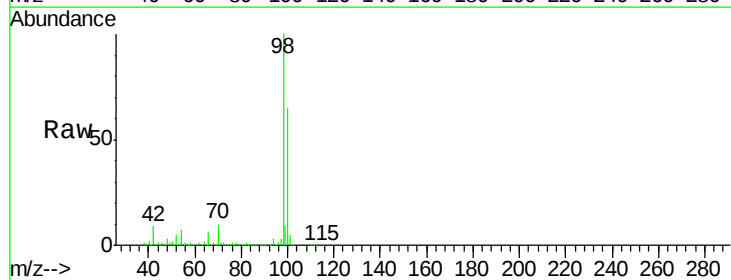
Acq: 24 Jul 2018 04:56

Tgt Ion: 98 Resp: 486035

Ion Ratio Lower Upper

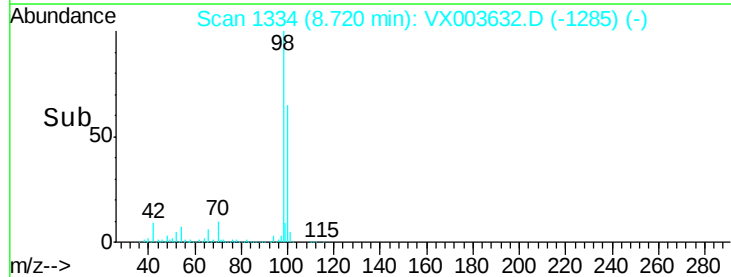
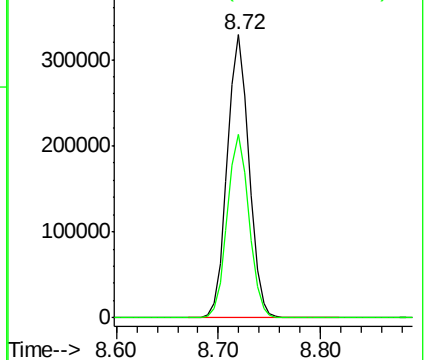
98 100

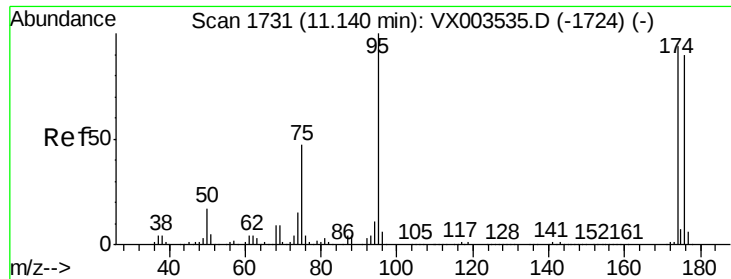
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

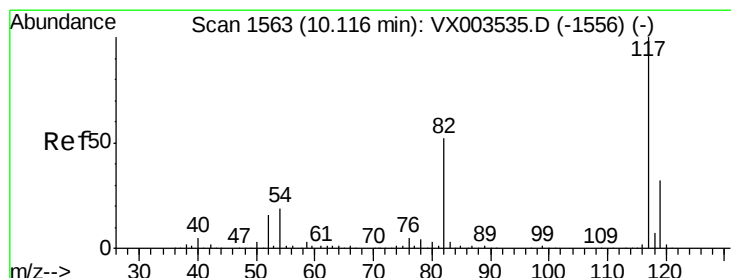
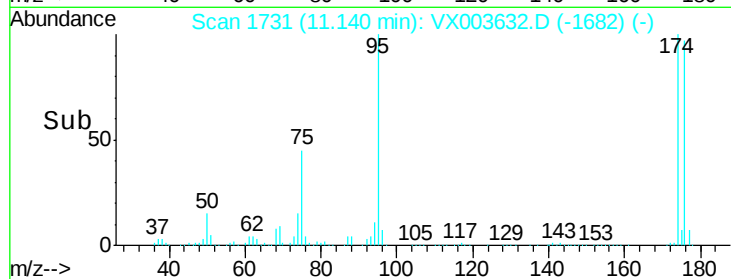
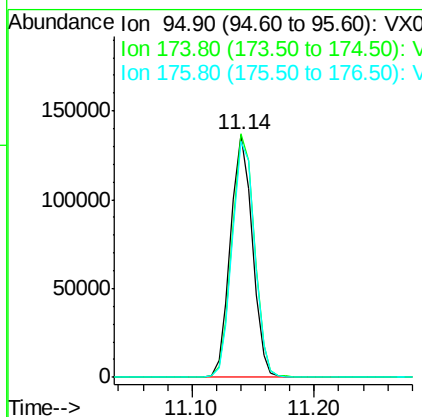
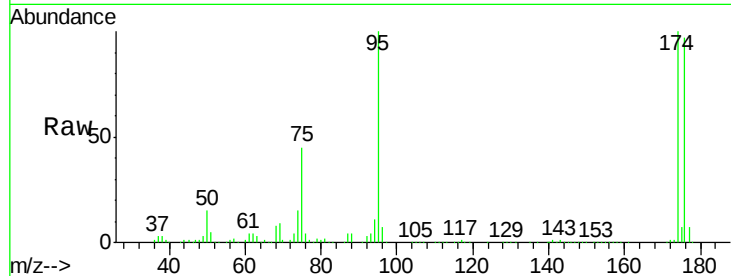




#62
4-Bromofluorobenzene
Concen: 45.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003632.D
Acq: 24 Jul 2018 04:56

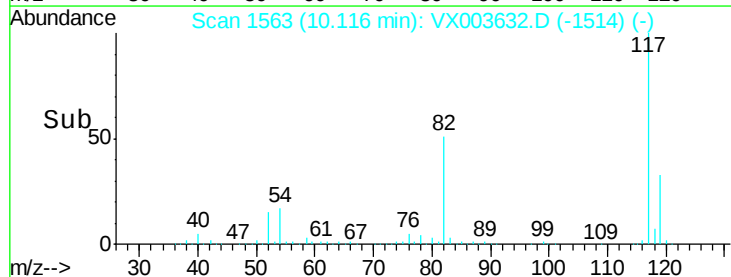
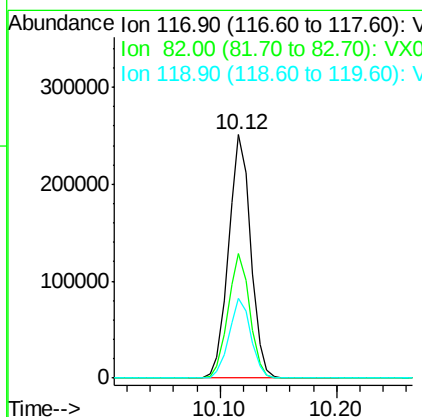
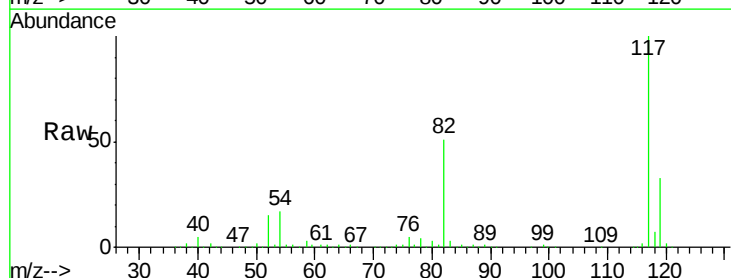
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-071818

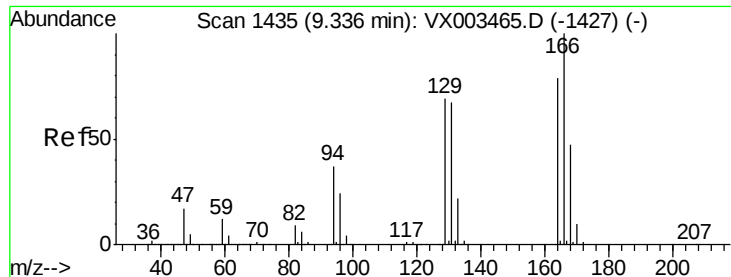
Tot Ion: 95 Resp: 167761
Ion Ratio Lower Upper
95 100
174 102.9 0.0 187.4
176 99.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003632.D
Acq: 24 Jul 2018 04:56

Tgt Ion: 117 Resp: 331451
Ion Ratio Lower Upper
117 100
82 51.1 45.0 67.4
119 32.9 25.8 38.6





#64

Tetrachloroethene

Concen: 0.42 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX003632.D

Acq: 24 Jul 2018 04:56

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-071818

Tot Ion:164 Resp: 1703

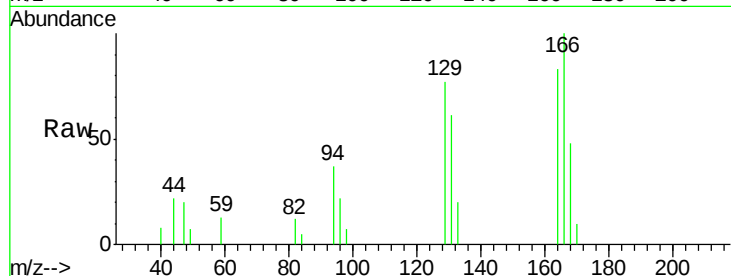
Ion Ratio Lower Upper

164 100

166 119.9 102.9 154.3

129 91.8 68.6 102.8

131 72.6 66.8 100.2

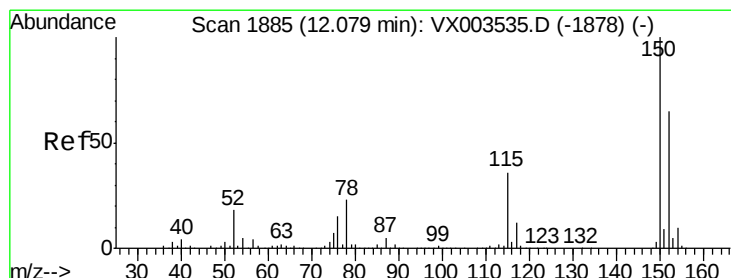
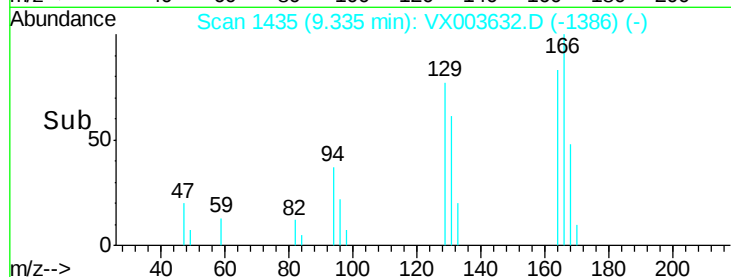
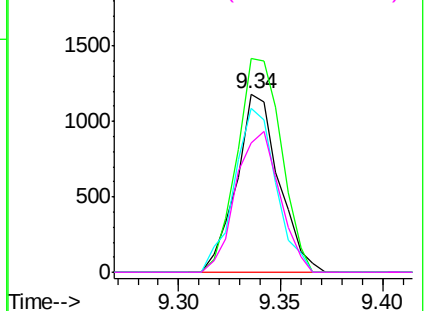


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003632.D

Acq: 24 Jul 2018 04:56

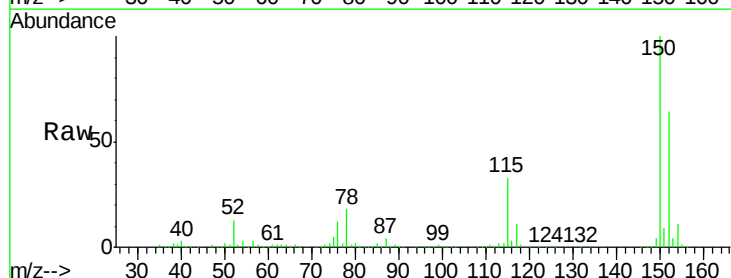
Tgt Ion:152 Resp: 189419

Ion Ratio Lower Upper

152 100

115 52.0 40.1 120.2

150 155.8 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

