

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003637.D
 Acq On : 24 Jul 2018 07:09
 Operator : JC/SP
 Sample : J4073-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-071818

Quant Time: Jul 24 09:19:14 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	260306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201819	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148273	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.51	113	140002	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	8.72	98	526278	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.14	95	181755	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	

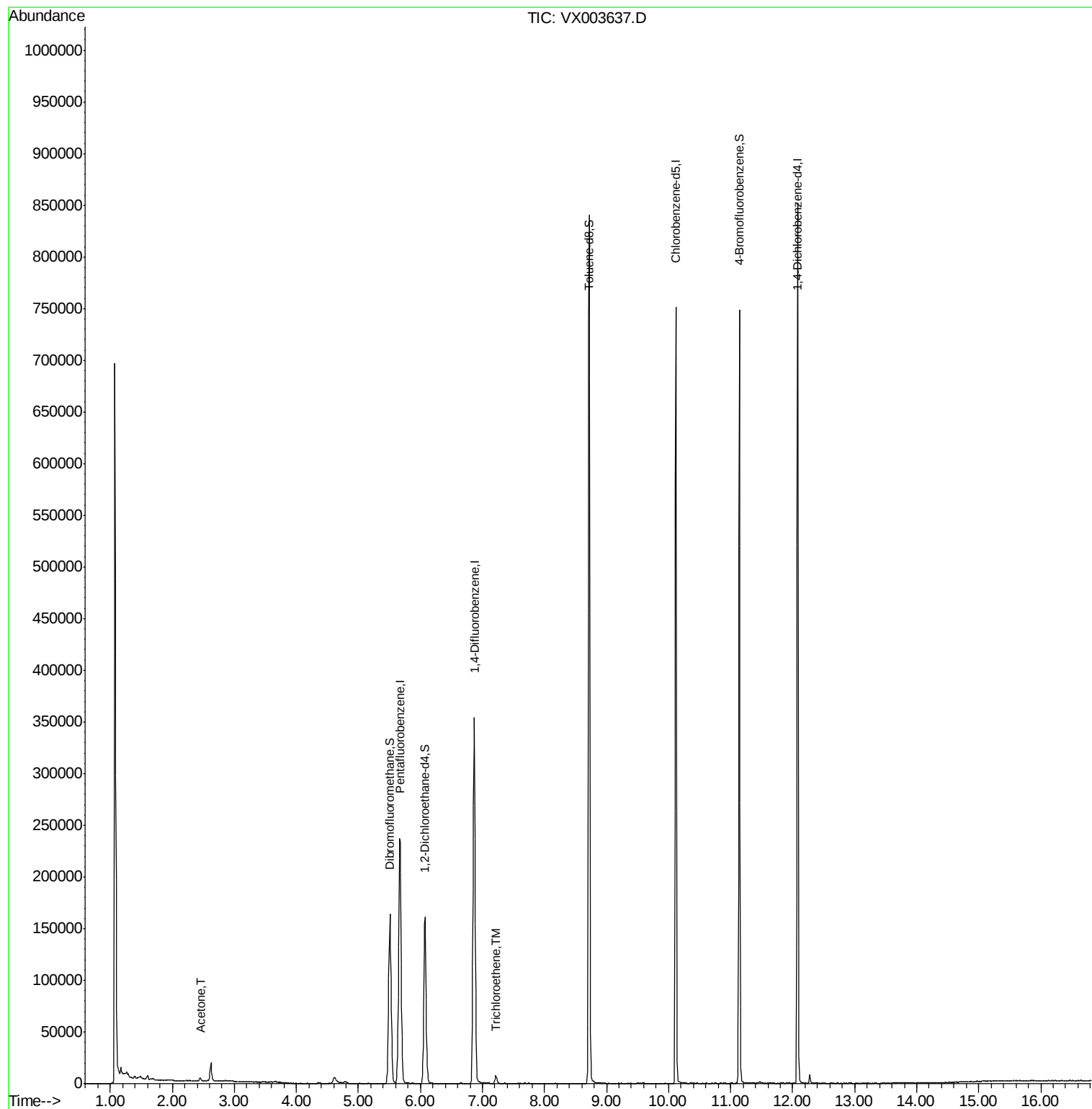
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3784	3.25	ug/l	93
44) Trichloroethene	7.22	130	3456	0.95	ug/l	94

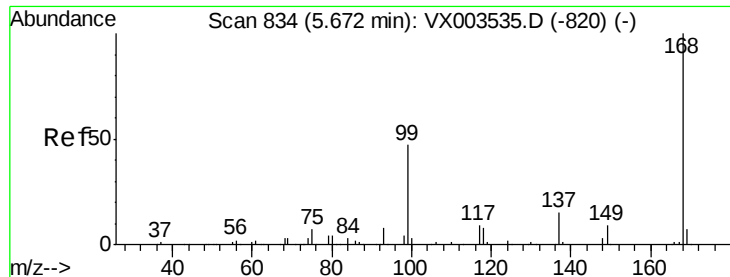
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003637.D

Acq: 24 Jul 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

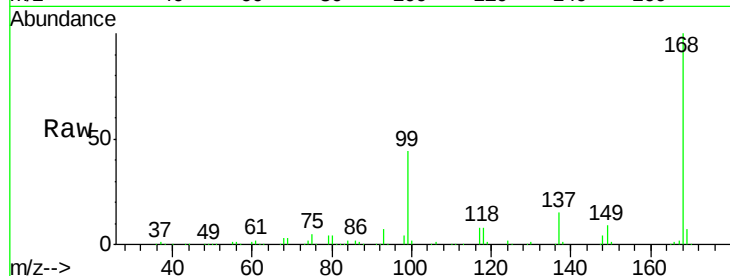
RE123D3-071818

Tot Ion:168 Resp: 260306

Ion Ratio Lower Upper

168 100

99 44.5 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

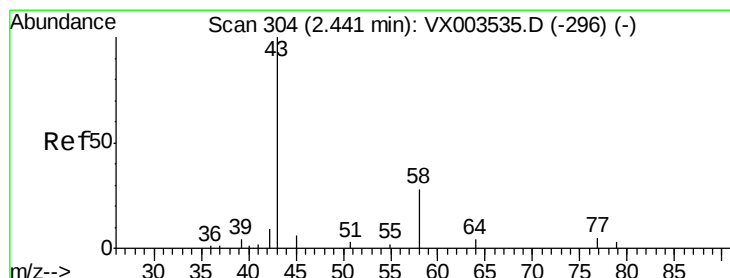
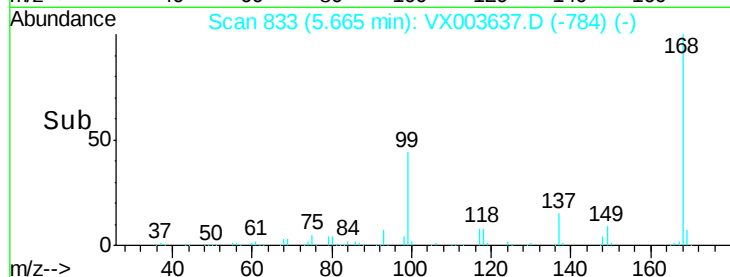
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003637.D

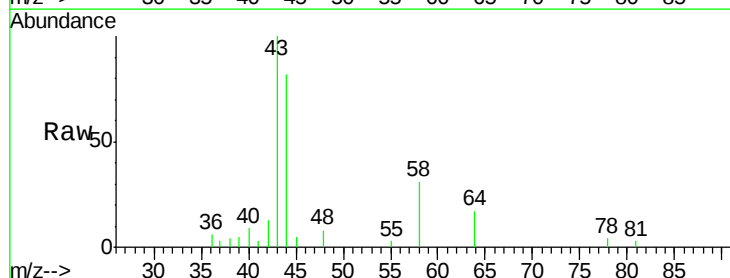
Acq: 24 Jul 2018 07:09

Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

43 100

58 31.3 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

2000

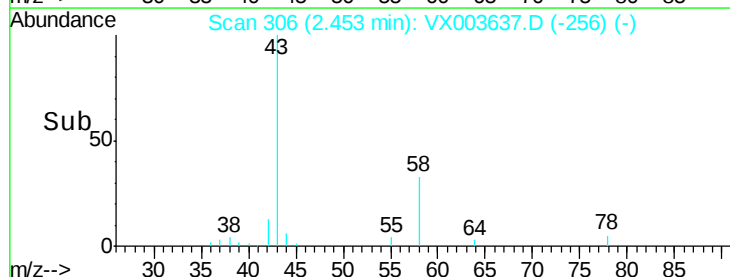
1500

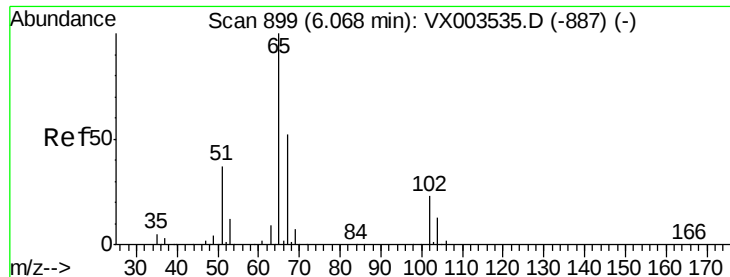
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.12 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003637.D

Acq: 24 Jul 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

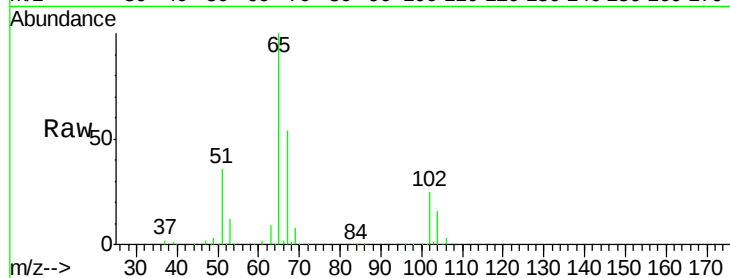
RE123D3-071818

Tot Ion: 65 Resp: 148273

Ion Ratio Lower Upper

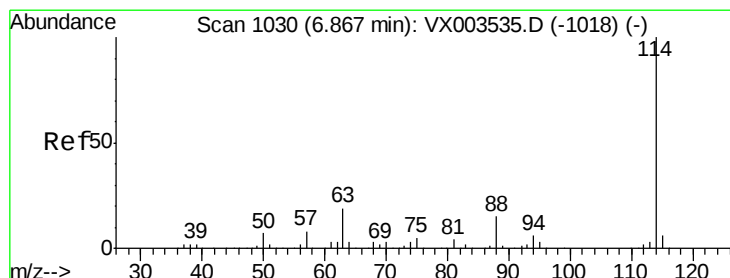
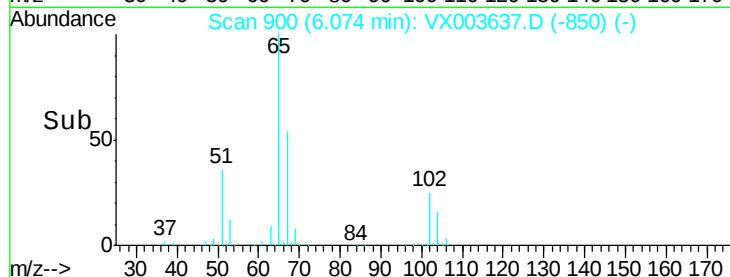
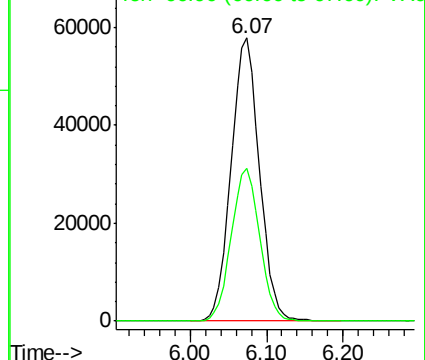
65 100

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: VX003637.D

Acq: 24 Jul 2018 07:09

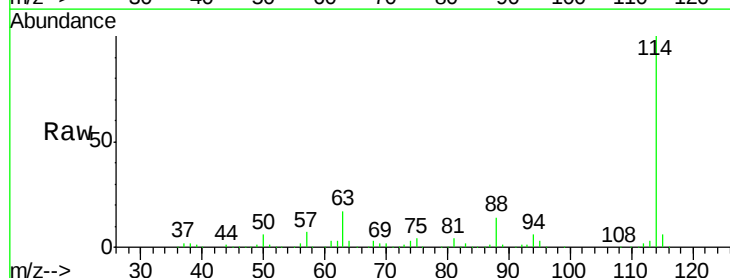
Tgt Ion: 114 Resp: 375676

Ion Ratio Lower Upper

114 100

63 17.2 0.0 41.4

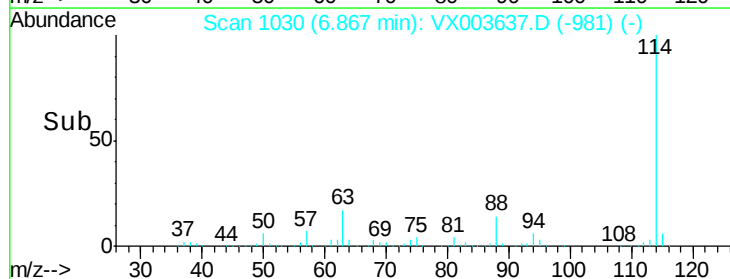
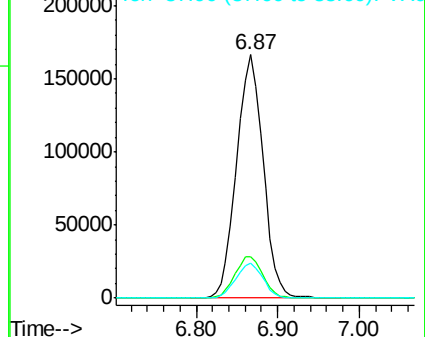
88 14.3 0.0 30.0

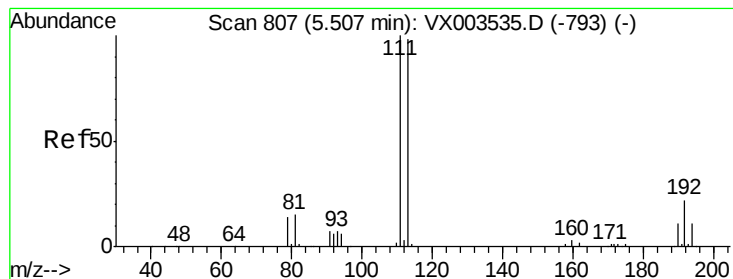


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003637.D

Acq: 24 Jul 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-071818

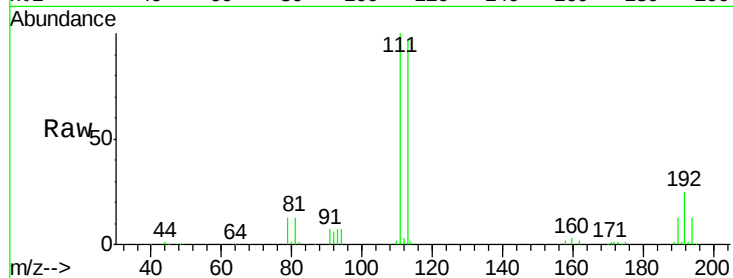
Tot Ion:113 Resp: 140002

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

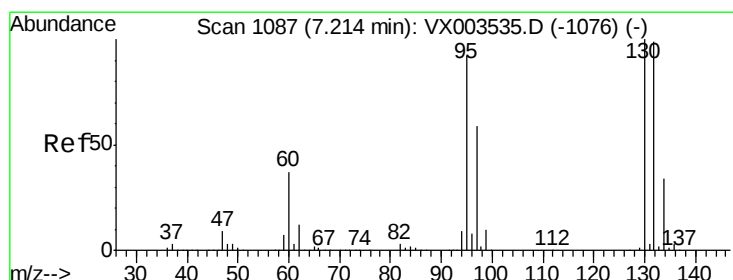
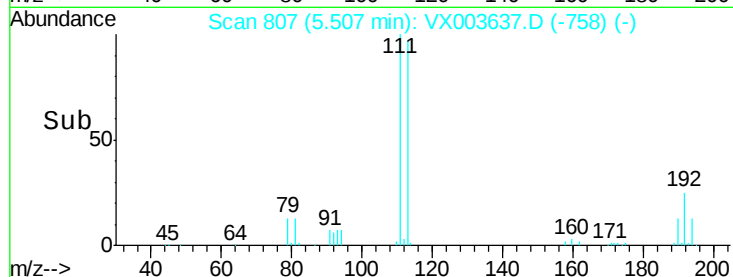
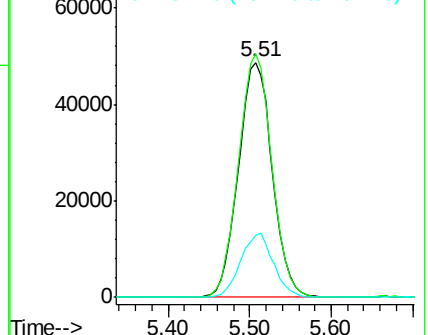
192 26.3 19.1 28.7



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: 0.95 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003637.D

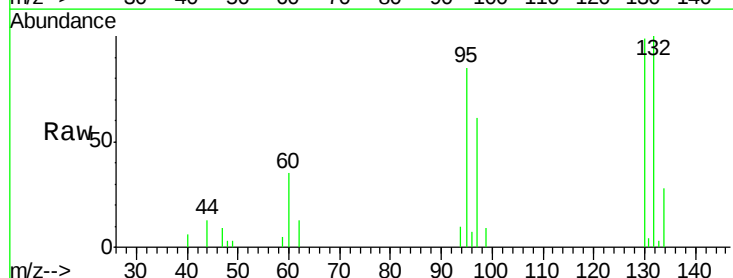
Acq: 24 Jul 2018 07:09

Tgt Ion:130 Resp: 3456

Ion Ratio Lower Upper

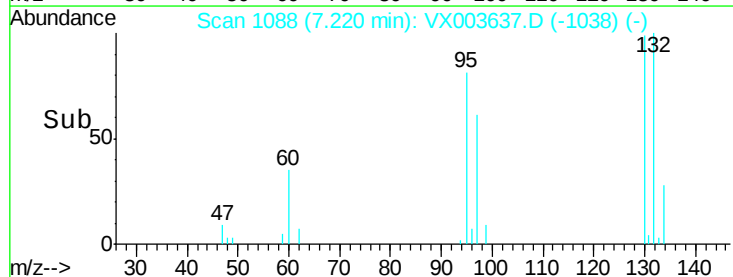
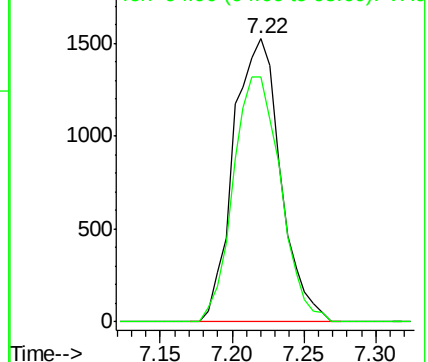
130 100

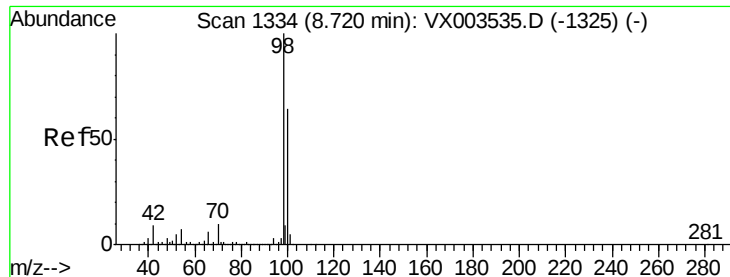
95 86.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.93 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003637.D

Acq: 24 Jul 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

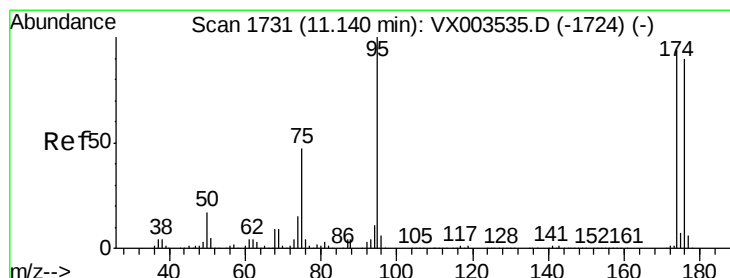
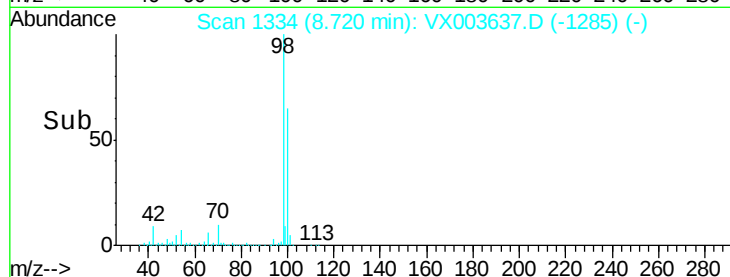
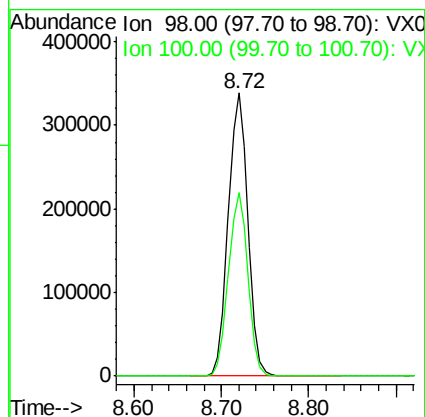
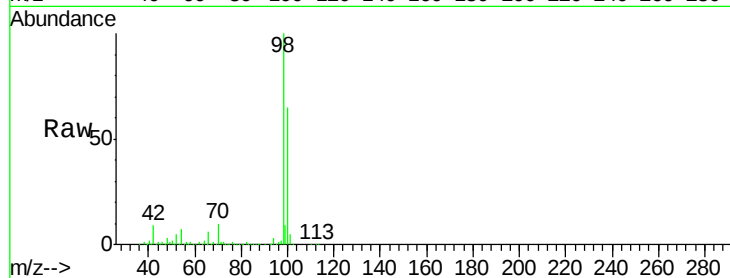
RE123D3-071818

Tot Ion: 98 Resp: 526278

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003637.D

Acq: 24 Jul 2018 07:09

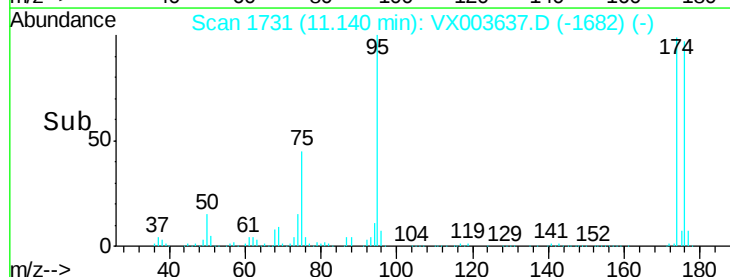
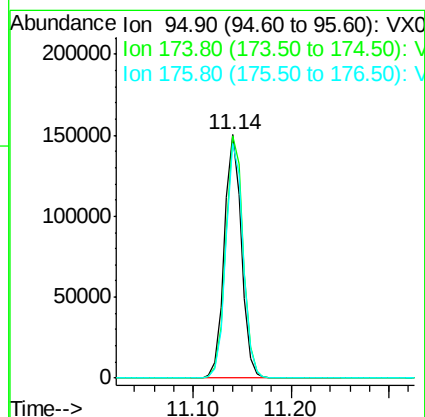
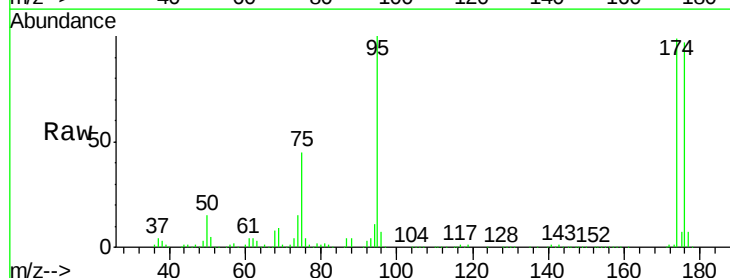
Tgt Ion: 95 Resp: 181755

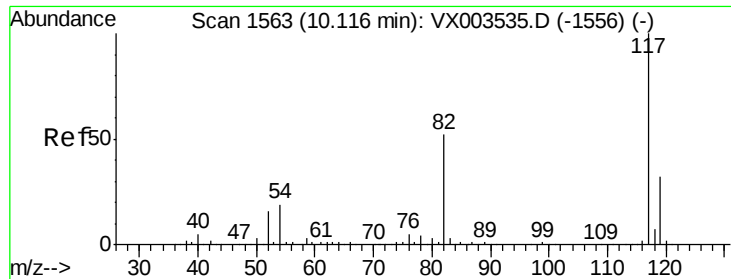
Ion Ratio Lower Upper

95 100

174 101.6 0.0 187.4

176 97.7 0.0 181.0

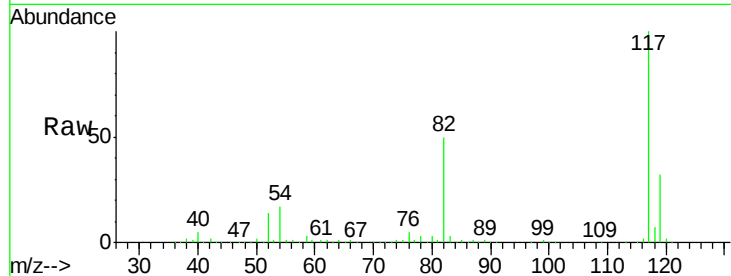




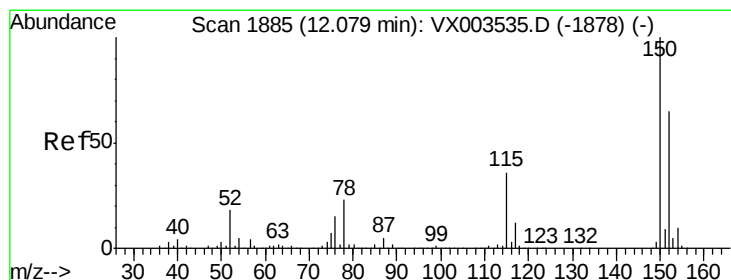
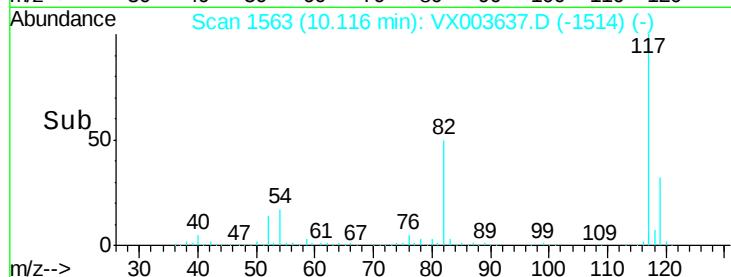
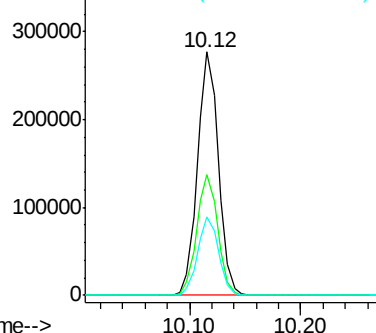
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003637.D
Acq: 24 Jul 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-071818

Tot Ion:117 Resp: 359261
Ion Ratio Lower Upper
117 100
82 49.7 45.0 67.4
119 32.1 25.8 38.6

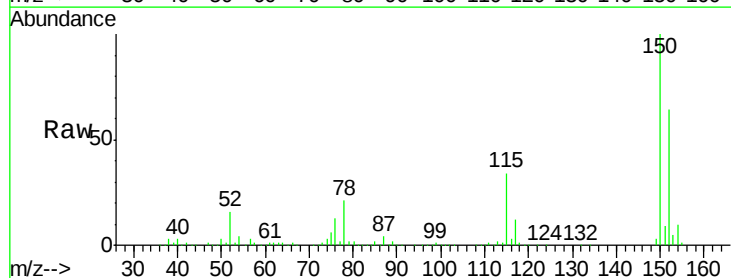


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003637.D
Acq: 24 Jul 2018 07:09

Tgt Ion:152 Resp: 201819
Ion Ratio Lower Upper
152 100
115 51.8 40.1 120.2
150 155.0 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

