

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
 Data File : VX003554.D
 Acq On : 21 Jul 2018 14:54
 Operator : JC/SP
 Sample : J4014-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-071218DL

Quant Time: Jul 27 02:37:38 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

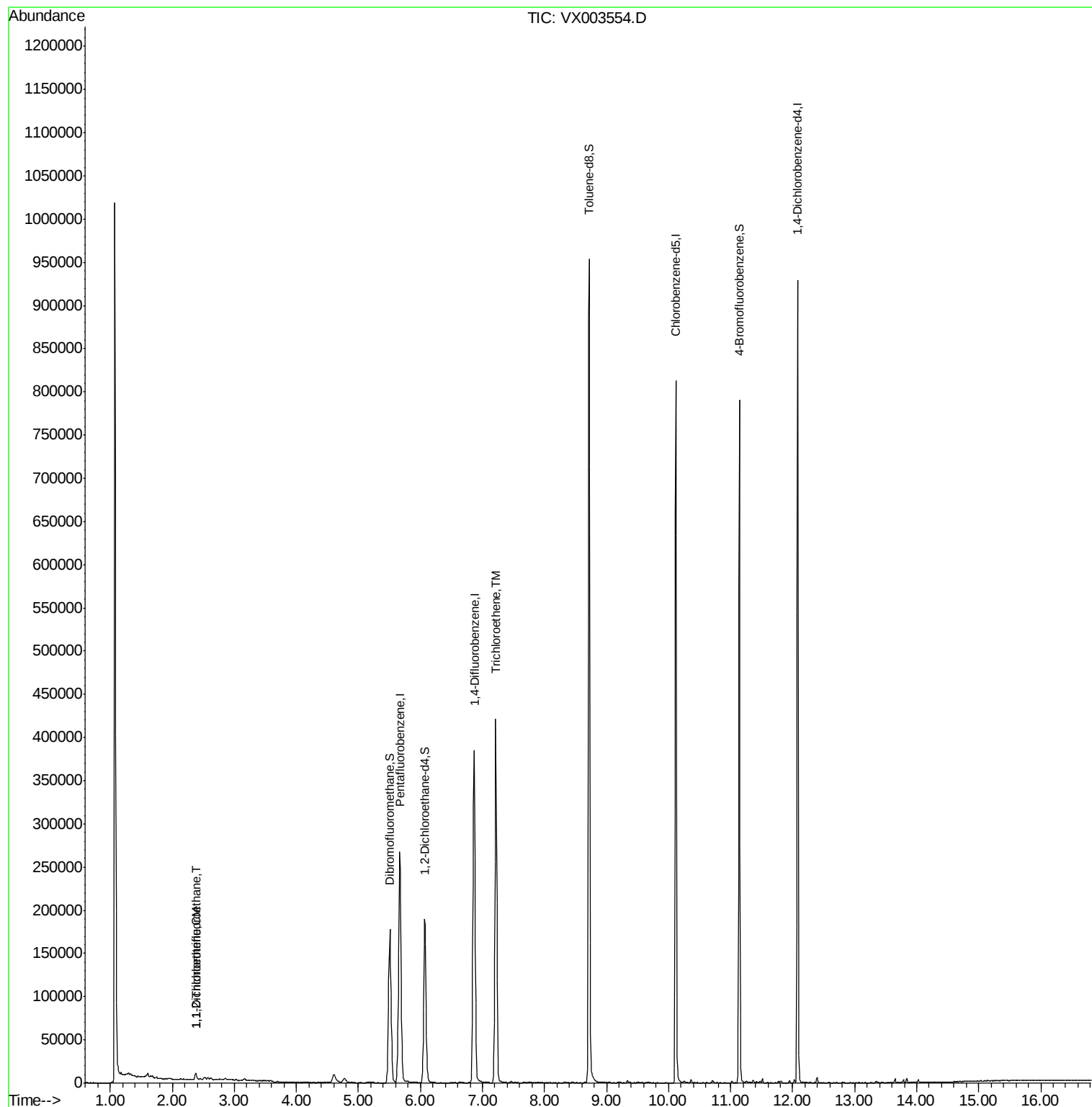
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175055	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
35) Dibromofluoromethane	5.51	113	155679	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	8.72	98	586918	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.14	95	195107	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1600	0.535	ug/l	96
12) 1,1-Dichloroethene	2.37	96	1391	0.505	ug/l #	72
44) Trichloroethene	7.21	130	171764	42.757	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

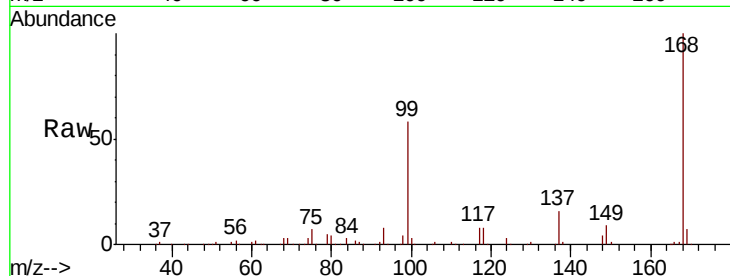
RE103D1-071218DL

Tgt Ion:168 Resp: 269818

Ion Ratio Lower Upper

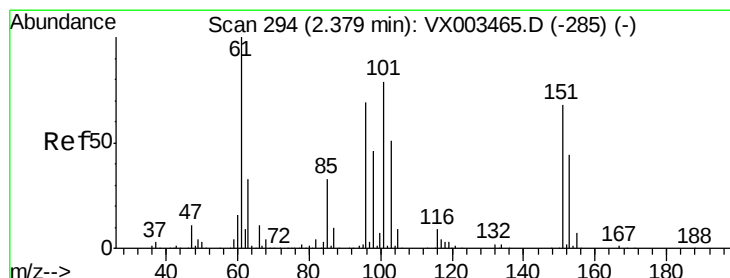
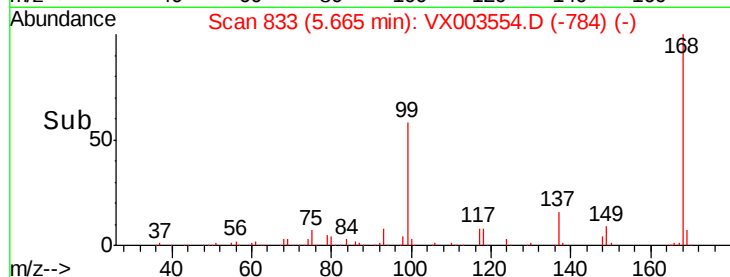
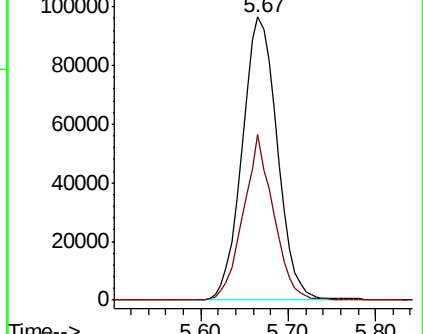
168 100

99 58.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.535 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003554.D

Acq: 21 Jul 2018 14:54

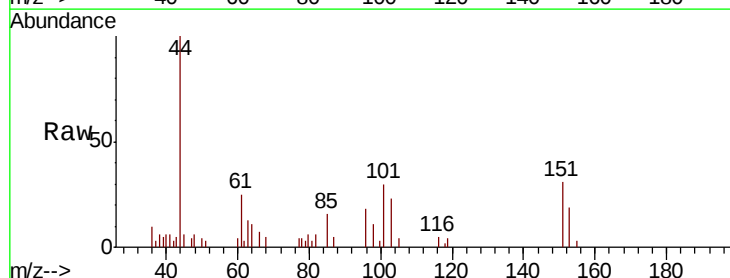
Tgt Ion:101 Resp: 1600

Ion Ratio Lower Upper

101 100

85 40.5 36.0 54.0

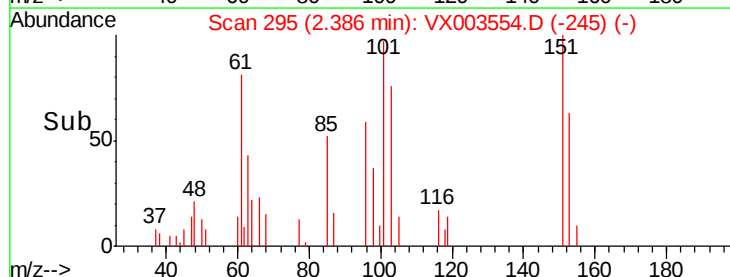
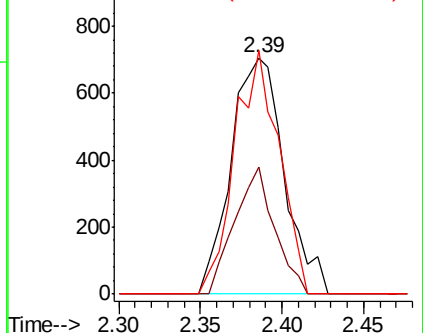
151 86.1 70.9 106.3

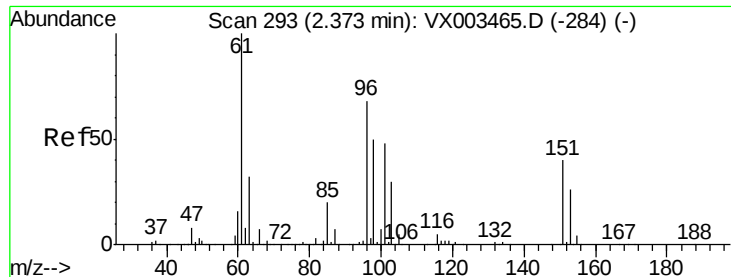


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.505 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003554.D

Acq: 21 Jul 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218DL

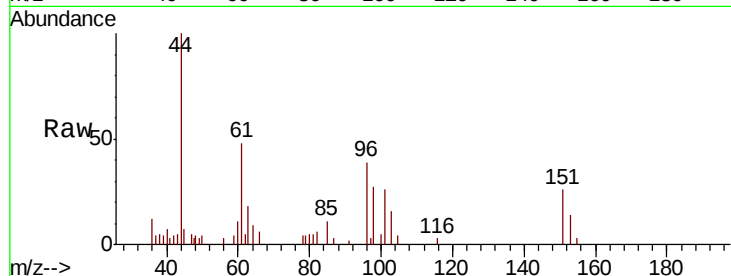
Tgt Ion: 96 Resp: 1391

Ion Ratio Lower Upper

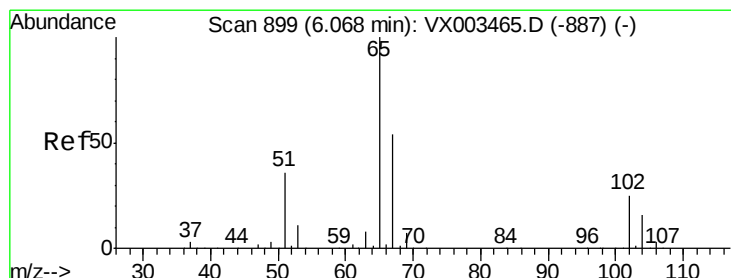
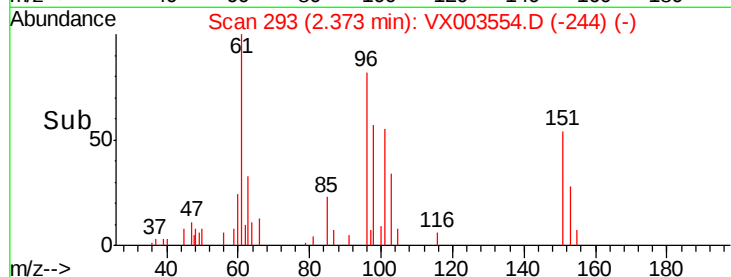
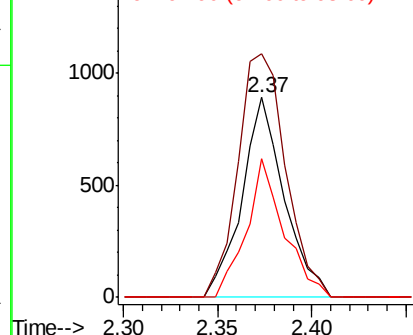
96 100

61 121.8 137.9 206.9#

98 69.4 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.809 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003554.D

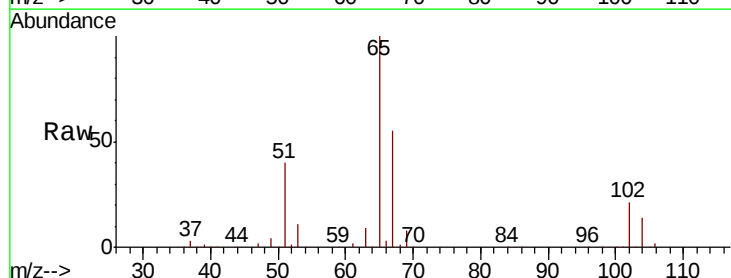
Acq: 21 Jul 2018 14:54

Tgt Ion: 65 Resp: 175055

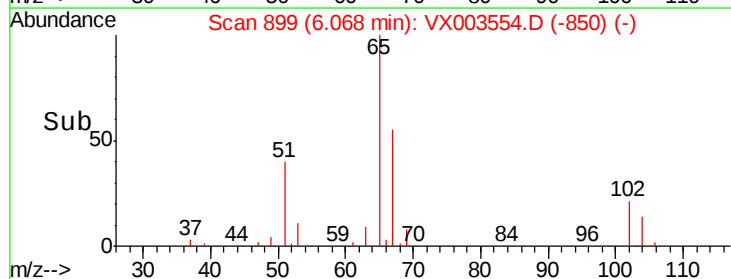
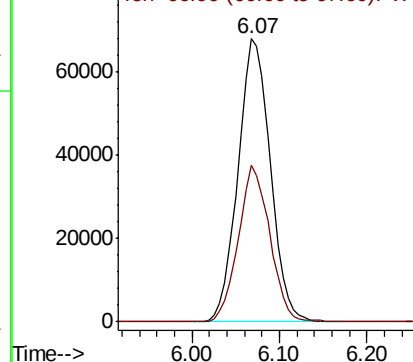
Ion Ratio Lower Upper

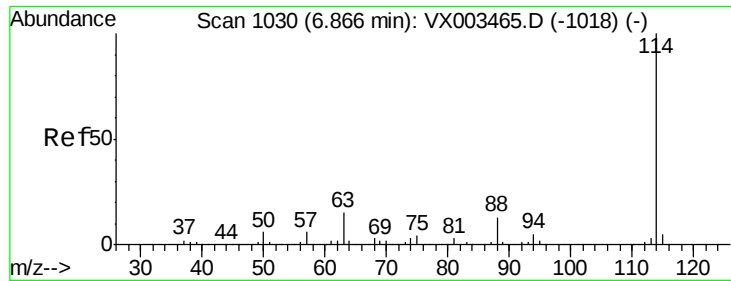
65 100

67 53.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

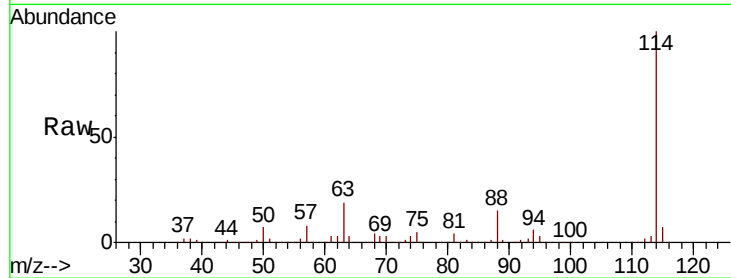




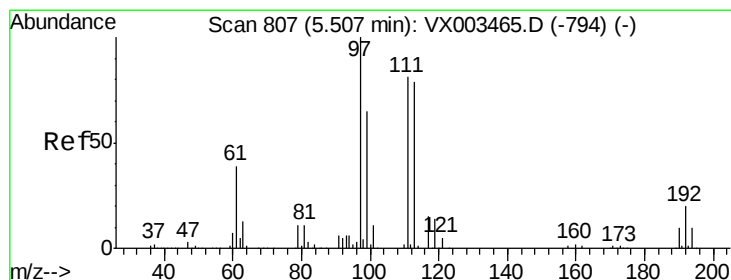
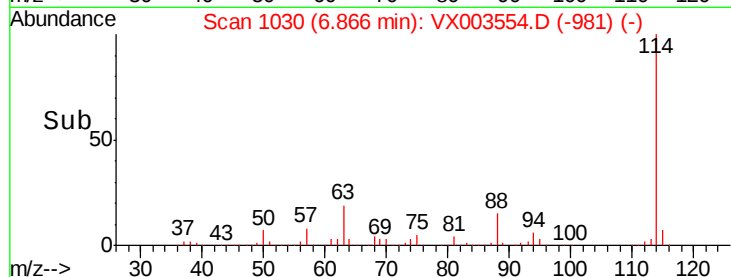
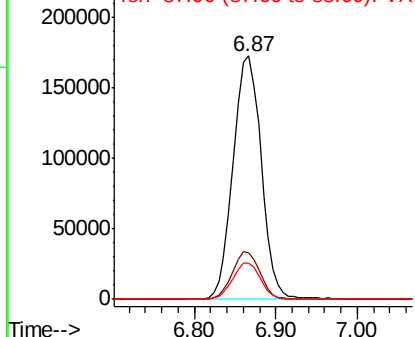
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003554.D
 Acq: 21 Jul 2018 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-071218DL

Tgt Ion:114 Resp: 413231
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 14.7 0.0 30.0

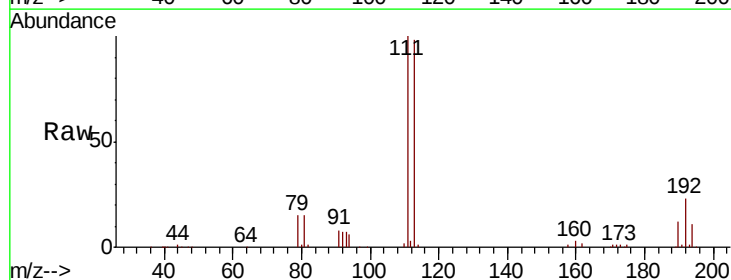


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

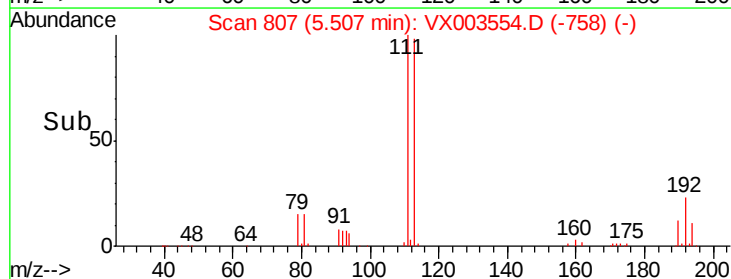
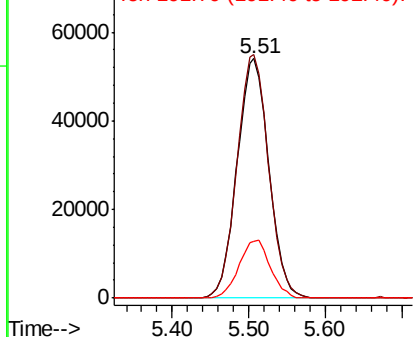


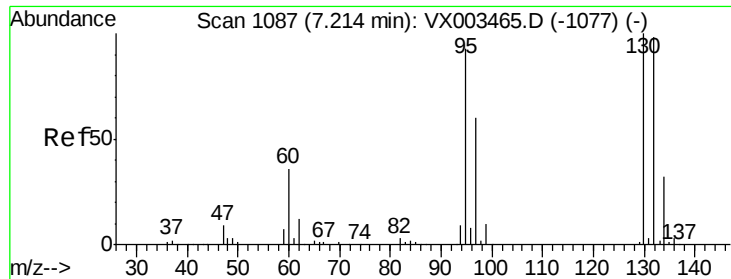
#35
 Dibromofluoromethane
 Concen: 49.462 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003554.D
 Acq: 21 Jul 2018 14:54

Tgt Ion:113 Resp: 155679
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.4 122.0
 192 23.8 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: 42.757 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003554.D

Acq: 21 Jul 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

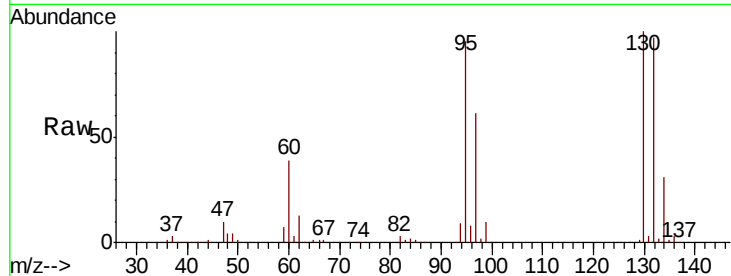
RE103D1-071218DL

Tgt Ion:130 Resp: 171764

Ion Ratio Lower Upper

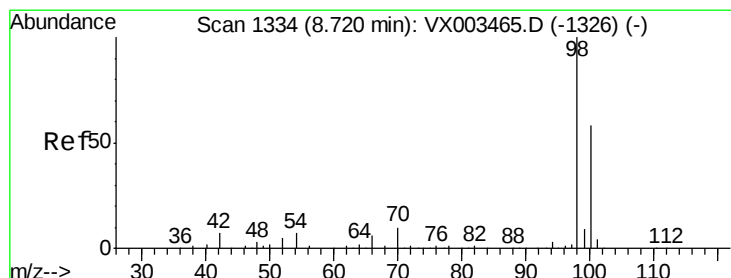
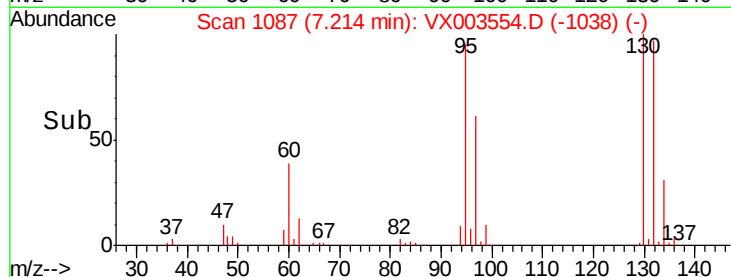
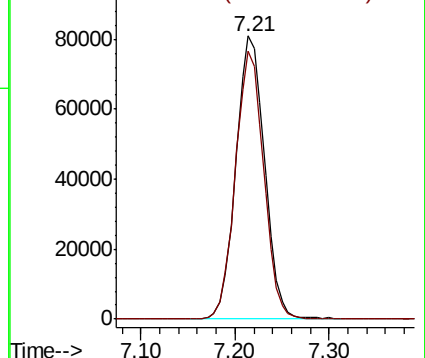
130 100

95 94.8 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: 49.612 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003554.D

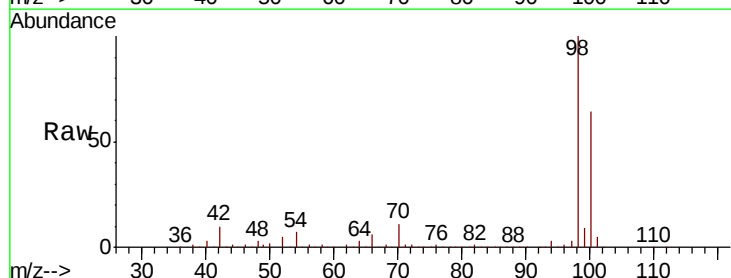
Acq: 21 Jul 2018 14:54

Tgt Ion: 98 Resp: 586918

Ion Ratio Lower Upper

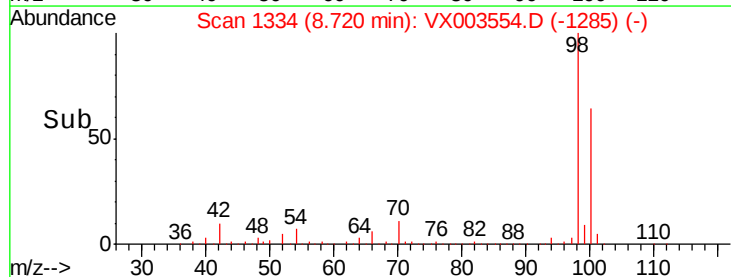
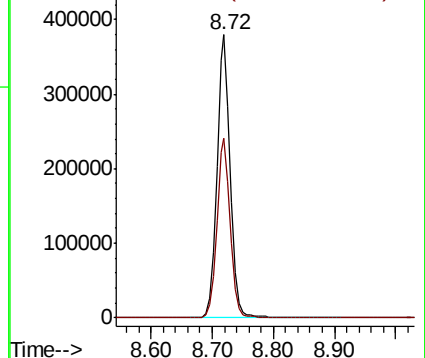
98 100

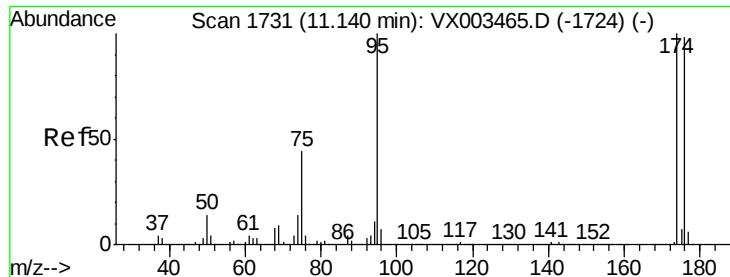
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.192 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003554.D

Acq: 21 Jul 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-071218DL

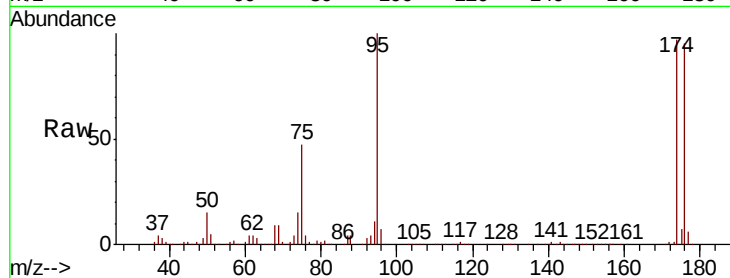
Tgt Ion: 95 Resp: 195107

Ion Ratio Lower Upper

95 100

174 99.3 0.0 187.4

176 95.9 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

11.14

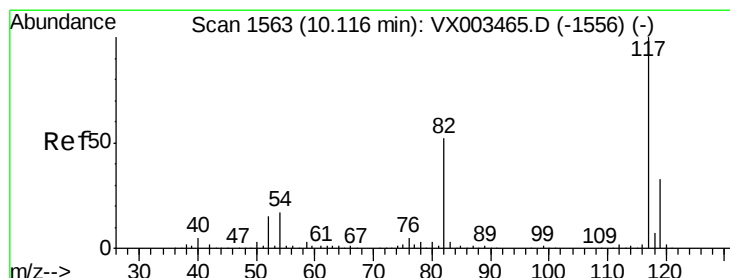
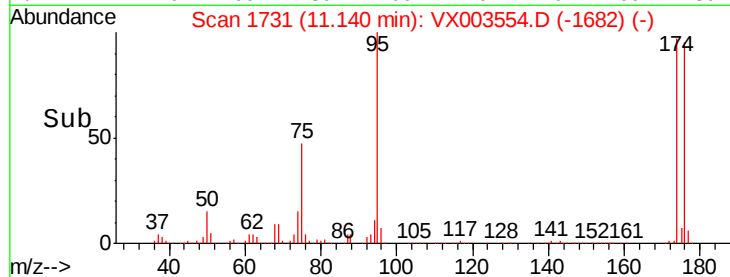
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003554.D

Acq: 21 Jul 2018 14:54

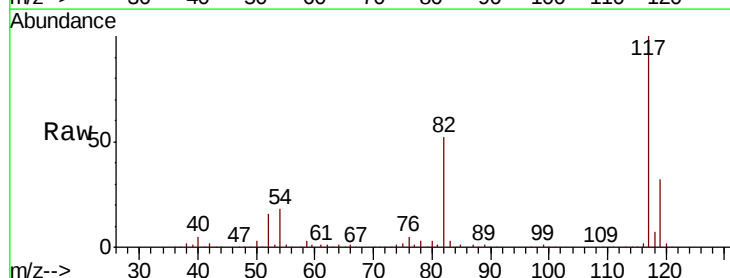
Tgt Ion: 117 Resp: 390638

Ion Ratio Lower Upper

117 100

82 51.6 45.0 67.4

119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.12

400000

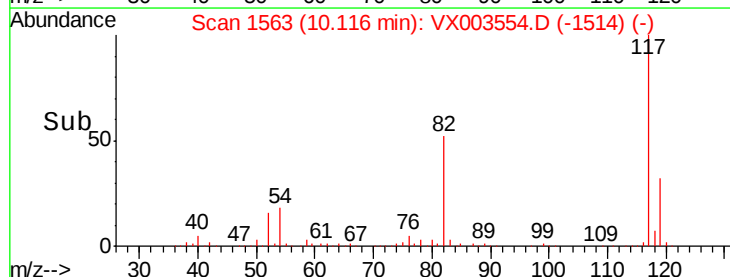
300000

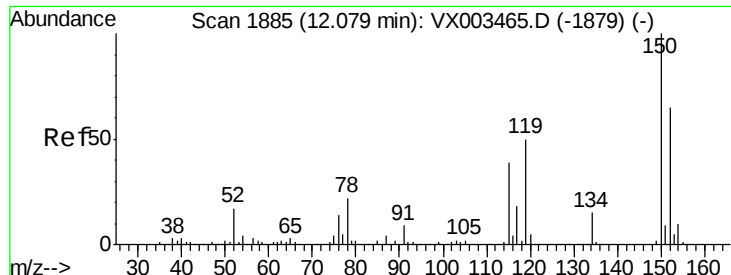
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003554.D

Acq: 21 Jul 2018 14:54

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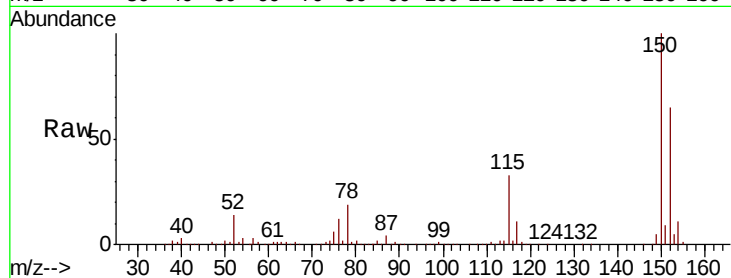
Tgt Ion:152 Resp: 211205

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

150 157.4 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

