

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003536.D
 Acq On : 21 Jul 2018 04:02
 Operator : JC/SP
 Sample : J4014-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-071218

Quant Time: Jul 23 12:07:19 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

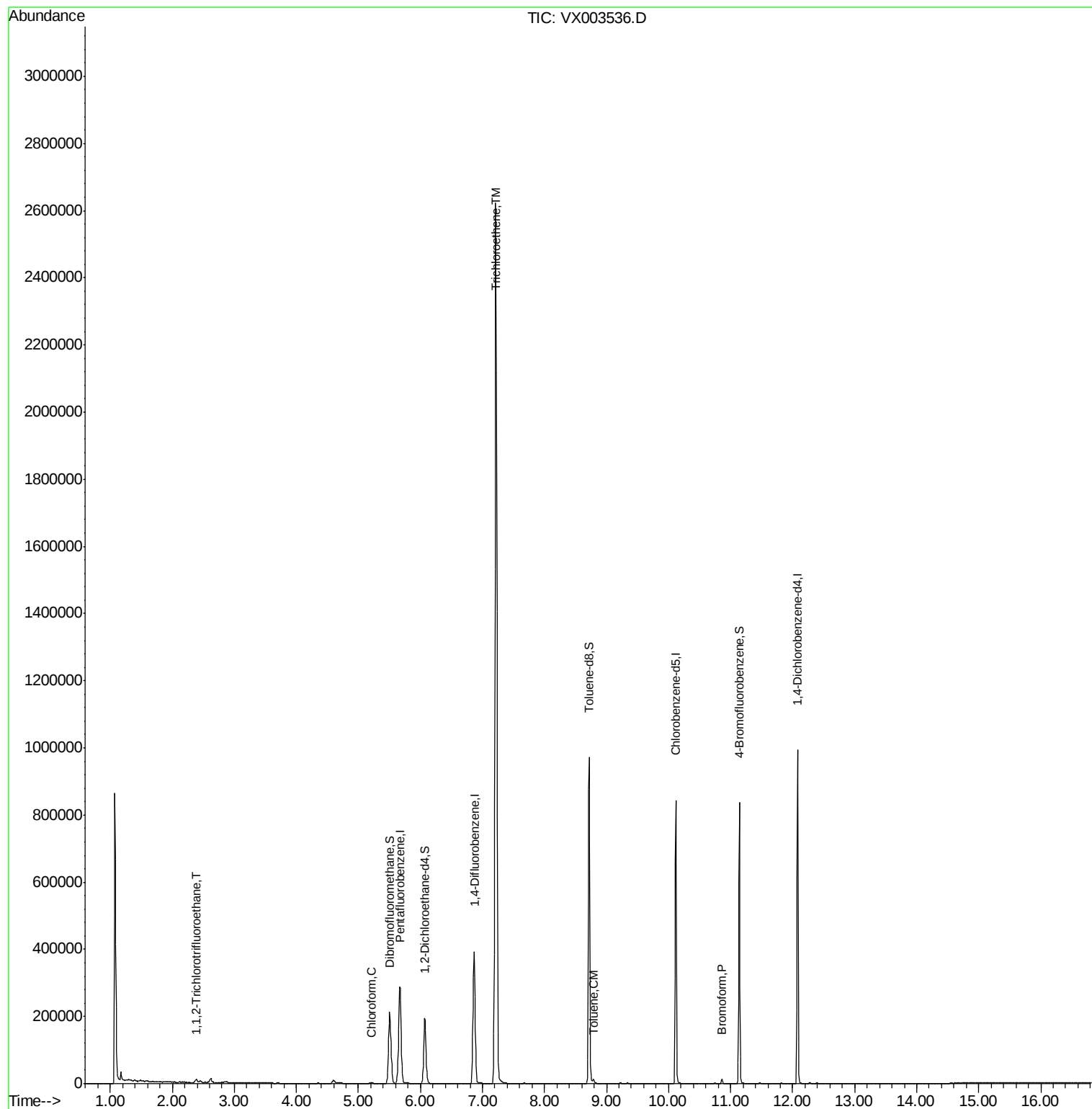
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	321283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	421896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177406	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
35) Dibromofluoromethane	5.50	113	176977	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
50) Toluene-d8	8.72	98	597982	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.14	95	205810	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3394	0.952	ug/l	97
30) Chloroform	5.21	83	3262	0.521	ug/l #	72
44) Trichloroethene	7.22	130	1108528	270.278	ug/l	98
52) Toluene	8.79	92	3801	0.439	ug/l	94
71) Bromoform	10.86	173	4920	1.793	ug/l #	98

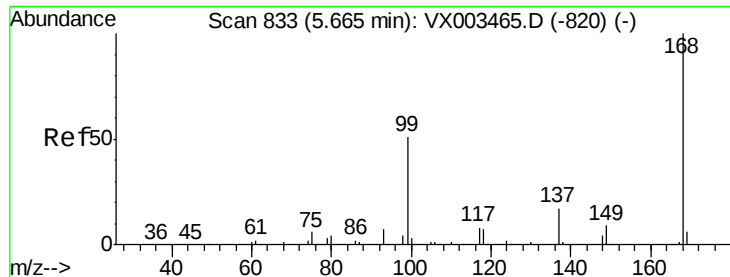
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003536.D

Acq: 21 Jul 2018 04:02

Instrument :

MSVOA_X

ClientSampleId :

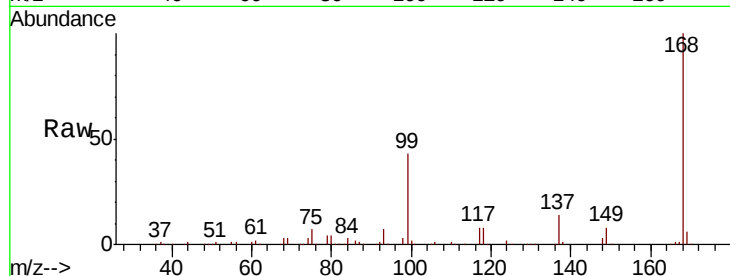
RE103D3-071218

Tgt Ion:168 Resp: 321283

Ion Ratio Lower Upper

168 100

99 43.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

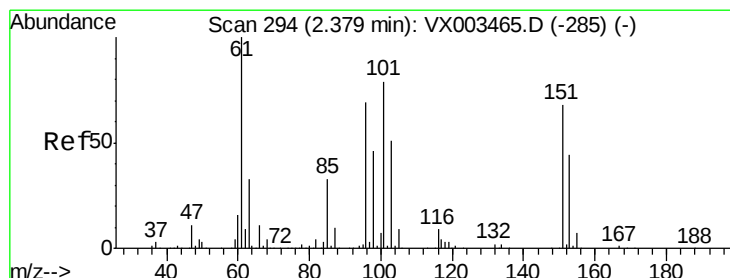
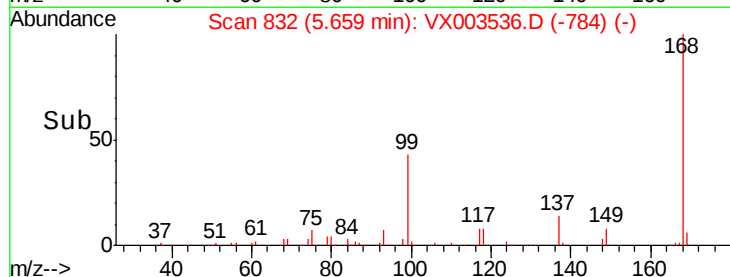
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.952 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003536.D

Acq: 21 Jul 2018 04:02

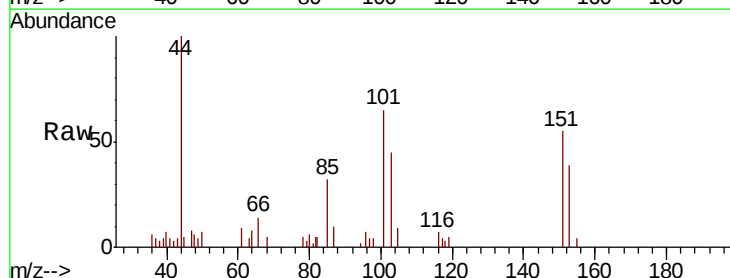
Tgt Ion:101 Resp: 3394

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

151 85.0 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

2000

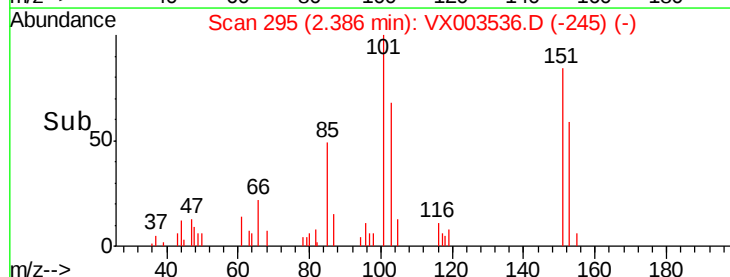
1500

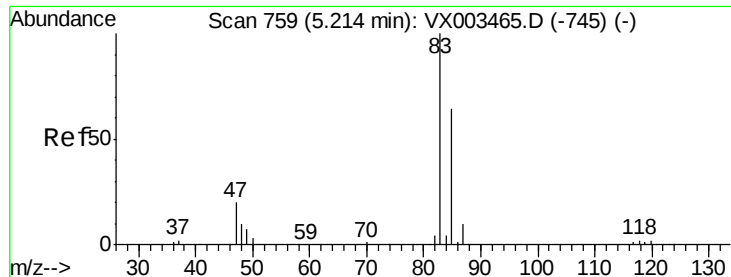
1000

500

0

Time--> 2.30 2.35 2.40 2.45

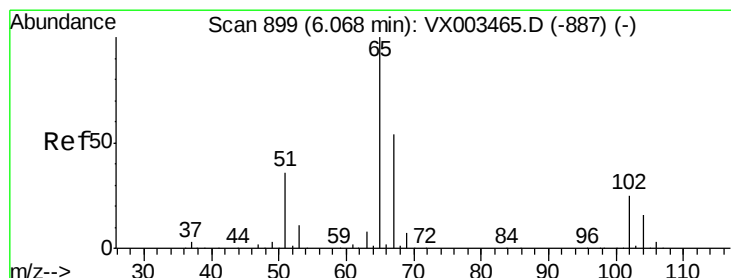
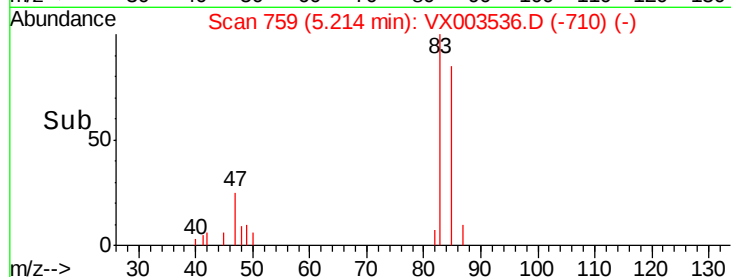
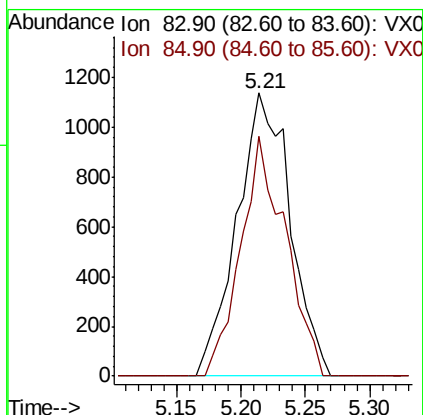
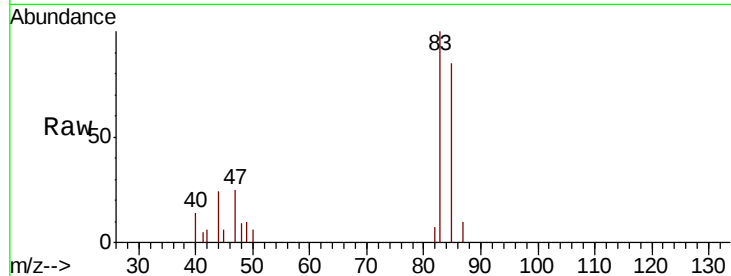




#30
Chloroform
Concen: 0.521 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003536.D
Acq: 21 Jul 2018 04:02

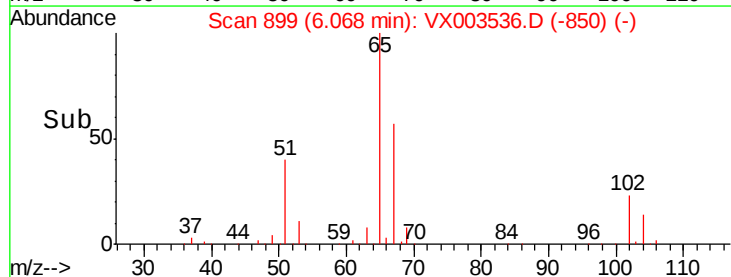
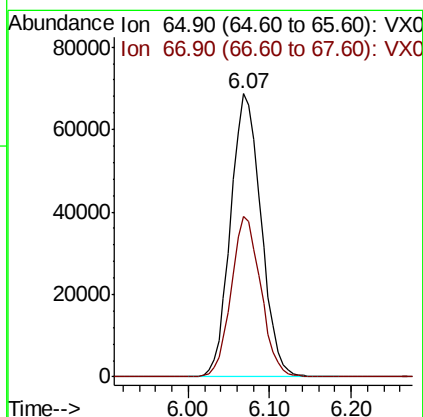
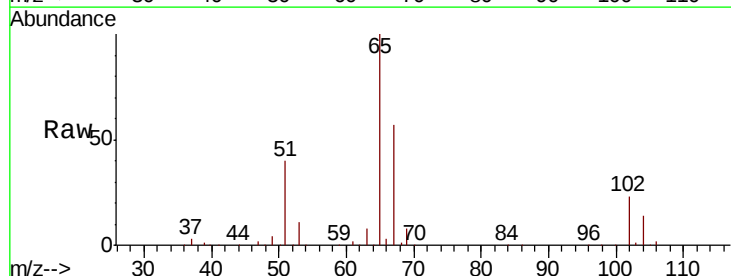
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-071218

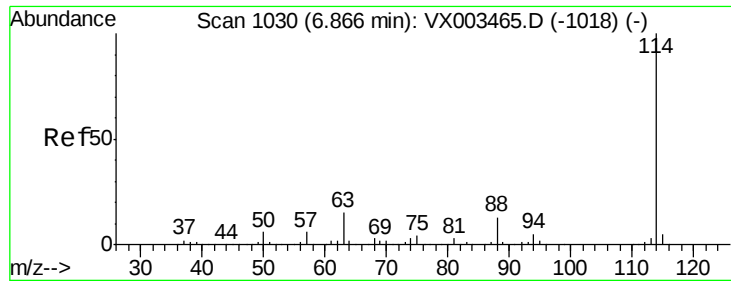
Tgt Ion: 83 Resp: 3262
Ion Ratio Lower Upper
83 100
85 84.8 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 46.648 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003536.D
Acq: 21 Jul 2018 04:02

Tgt Ion: 65 Resp: 177406
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.6

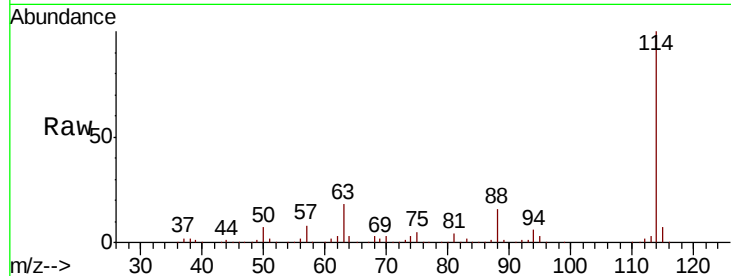




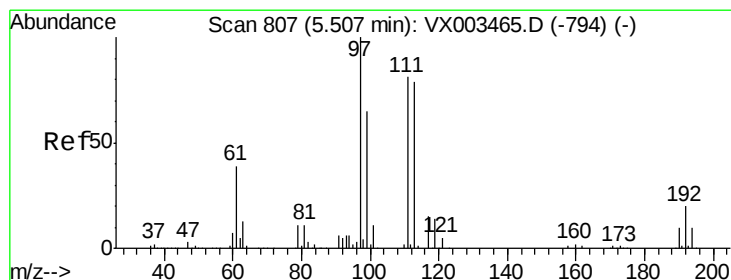
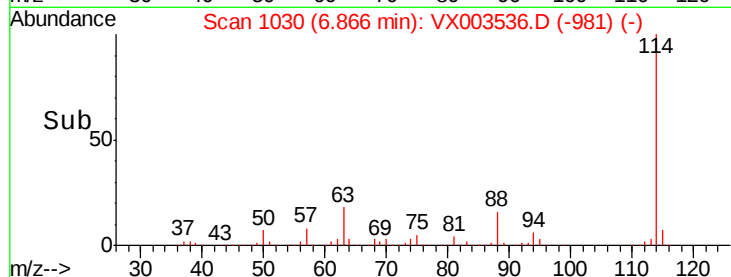
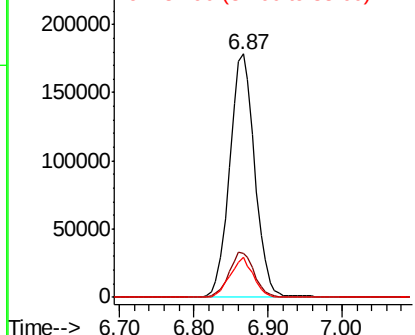
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003536.D
 Acq: 21 Jul 2018 04:02

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-071218

Tgt Ion:114 Resp: 421896
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 41.4
 88 16.3 0.0 30.0

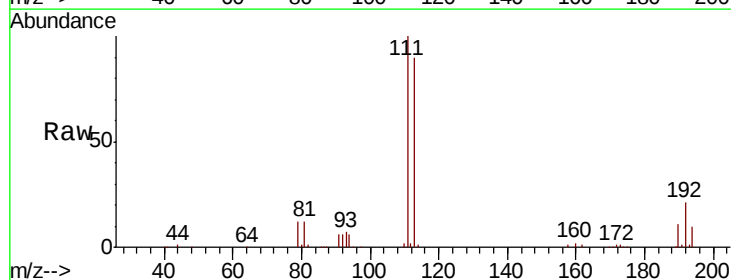


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

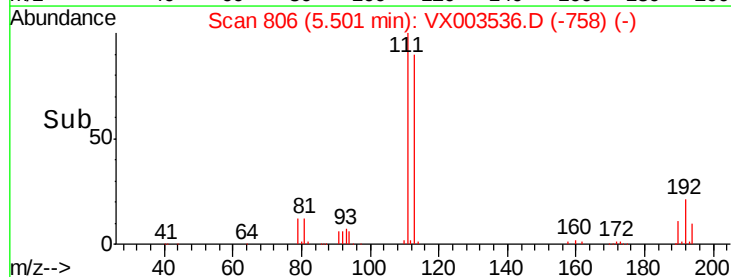
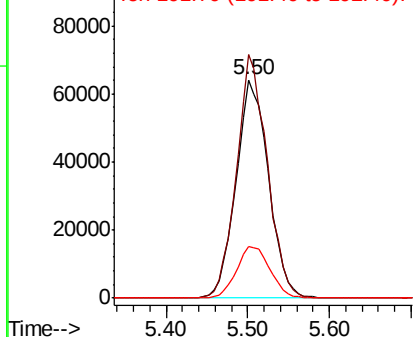


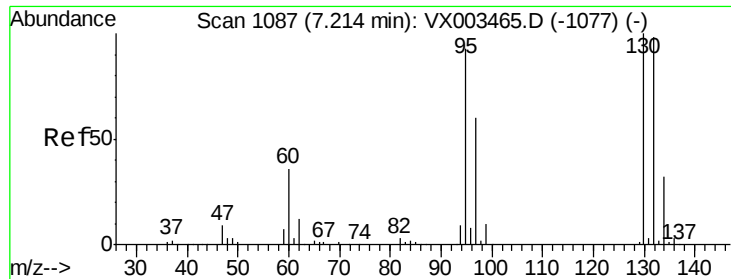
#35
 Dibromofluoromethane
 Concen: 55.074 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003536.D
 Acq: 21 Jul 2018 04:02

Tgt Ion:113 Resp: 176977
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.4 122.0
 192 24.5 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

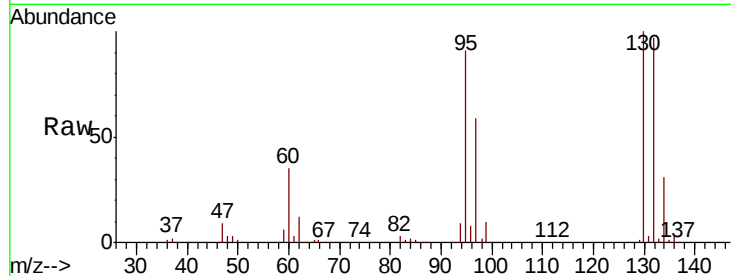




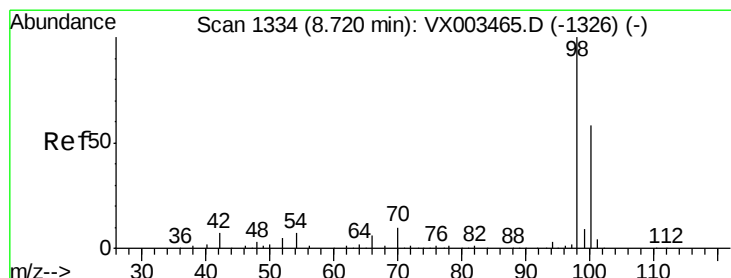
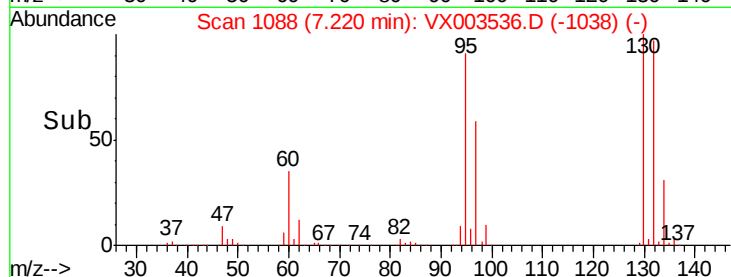
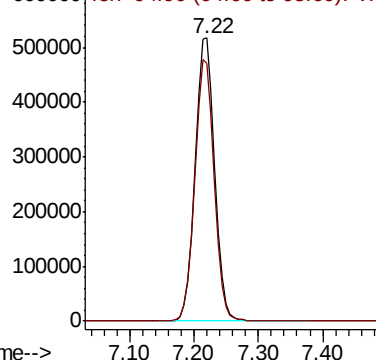
#44
 Trichloroethene
 Concen: 270.278 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003536.D
 Acq: 21 Jul 2018 04:02

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-071218

Tgt Ion:130 Resp: 1108528
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 185.4

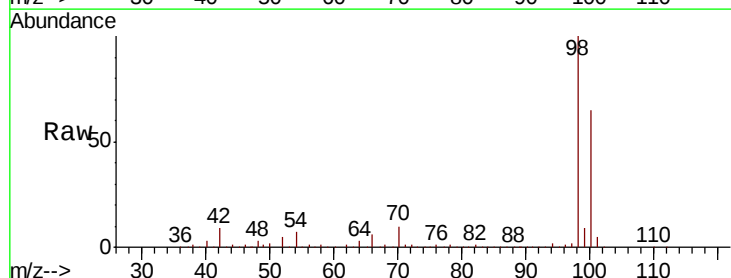


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

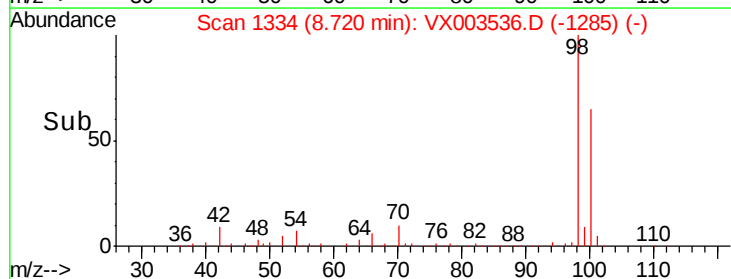
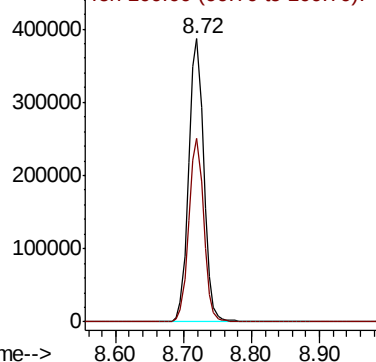


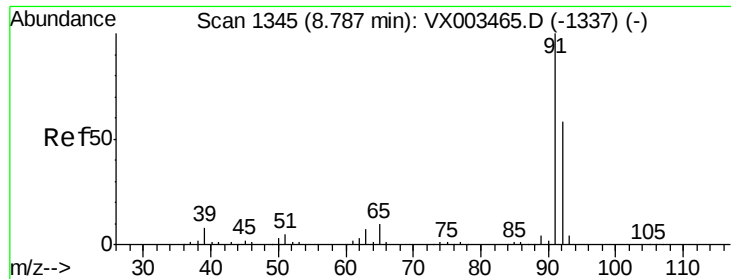
#50
 Toluene-d8
 Concen: 49.509 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003536.D
 Acq: 21 Jul 2018 04:02

Tgt Ion: 98 Resp: 597982
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.439 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003536.D

Acq: 21 Jul 2018 04:02

Instrument :

MSVOA_X

ClientSampleId :

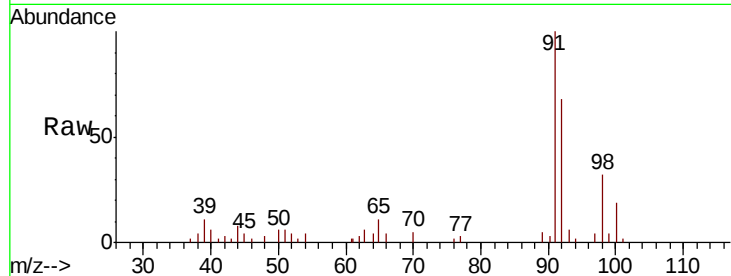
RE103D3-071218

Tgt Ion: 92 Resp: 3801

Ion Ratio Lower Upper

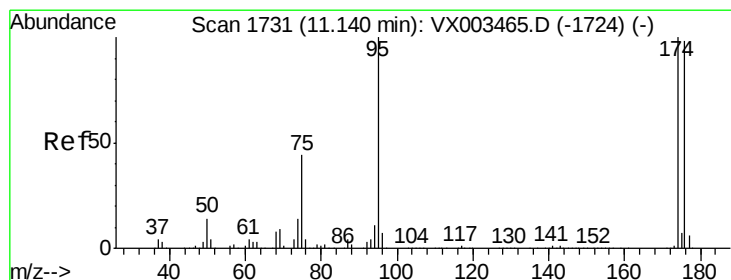
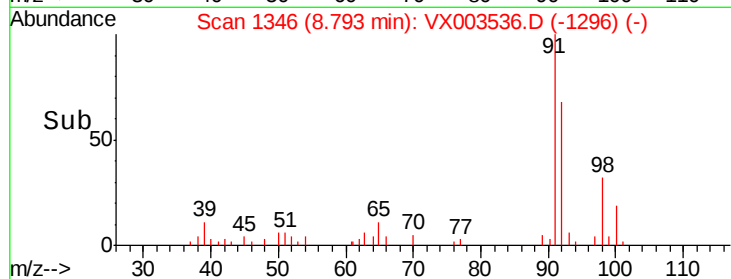
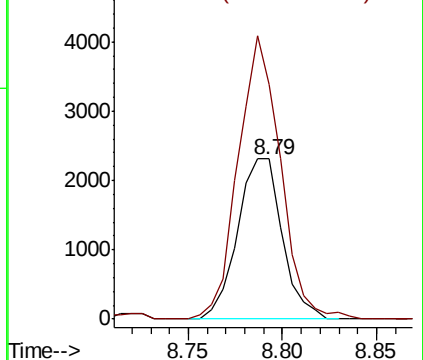
92 100

91 167.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.692 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003536.D

Acq: 21 Jul 2018 04:02

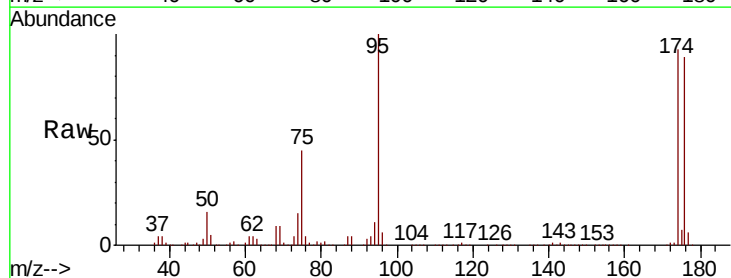
Tgt Ion: 95 Resp: 205810

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

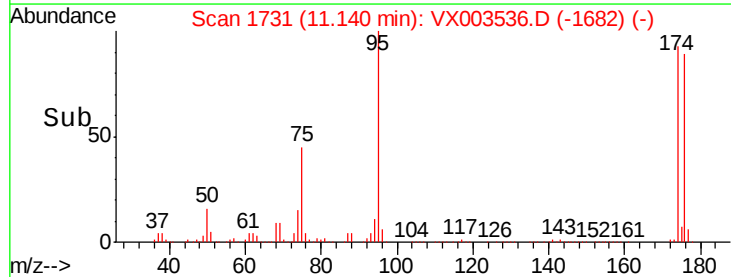
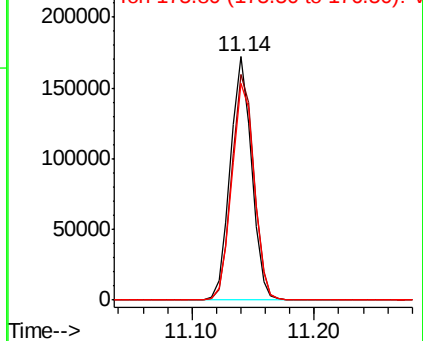
176 93.1 0.0 181.0

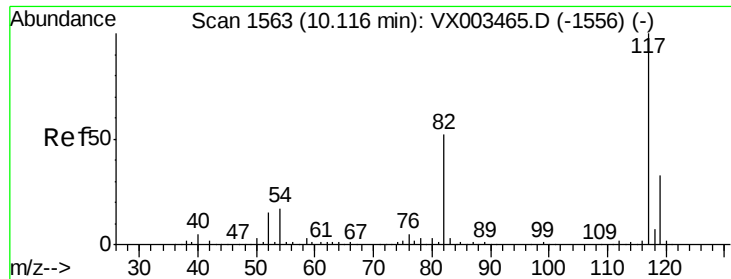


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

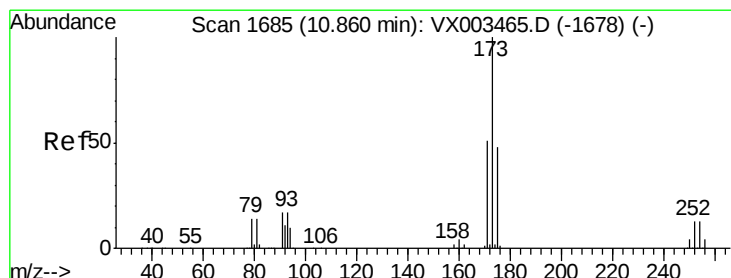
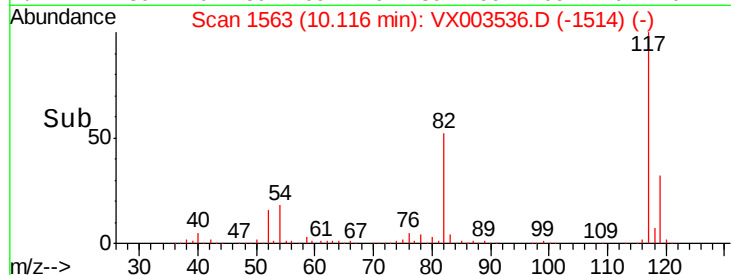
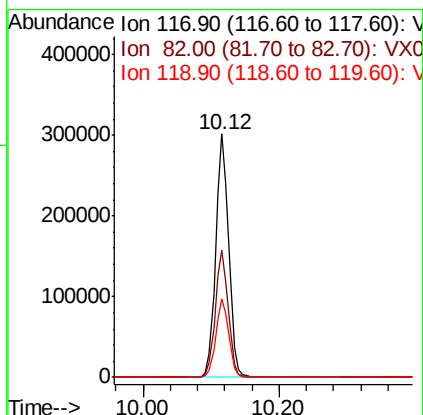
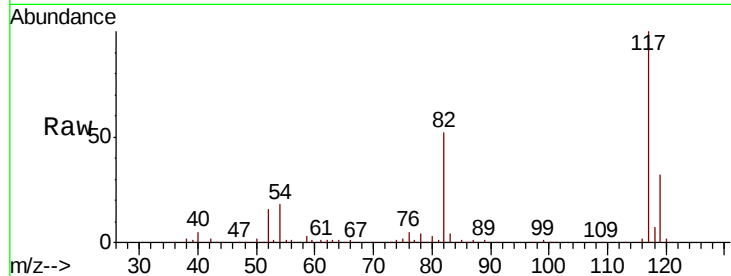




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003536.D
 Acq: 21 Jul 2018 04:02

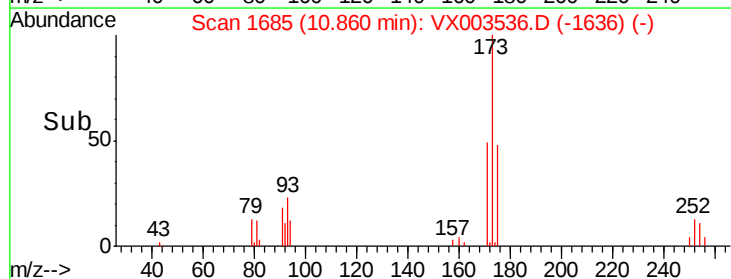
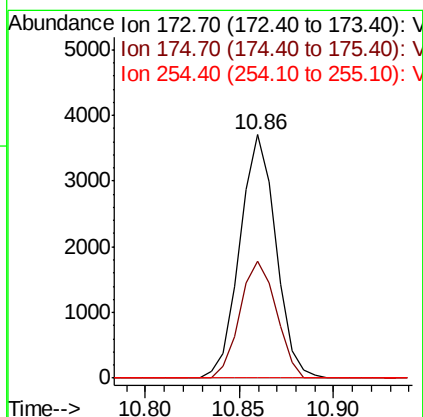
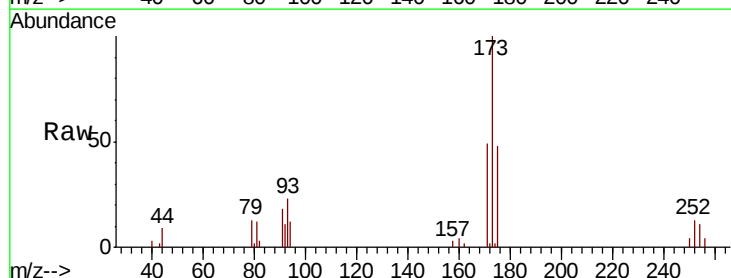
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-071218

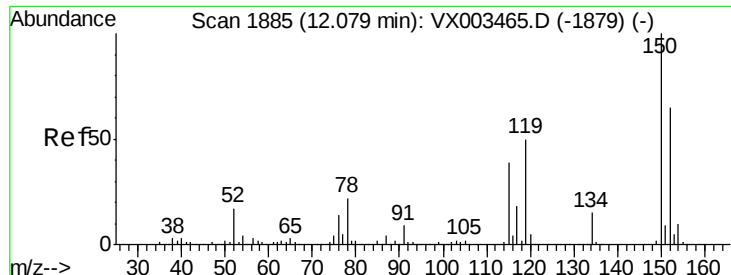
Tgt Ion:117 Resp: 398385
 Ion Ratio Lower Upper
 117 100
 82 52.3 45.0 67.4
 119 32.4 25.8 38.6



#71
 Bromoform
 Concen: 1.793 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VX003536.D
 Acq: 21 Jul 2018 04:02

Tgt Ion:173 Resp: 4920
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.7 74.1
 254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003536.D

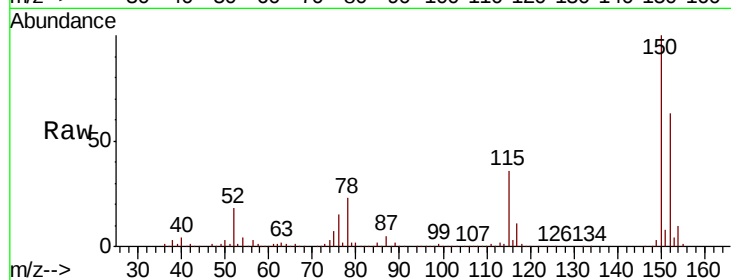
Acq: 21 Jul 2018 04:02

Instrument :

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RE103D3-071218



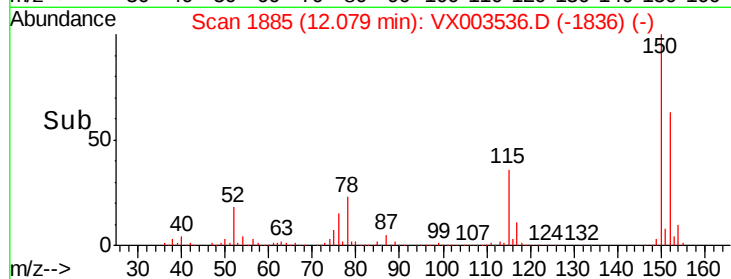
Tgt Ion:152 Resp: 214348

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

150 157.5 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

