

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007987.D
 Acq On : 11 Mar 2019 22:56
 Operator : JC/SP
 Sample : K1841-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20190308

Quant Time: Mar 12 09:23:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

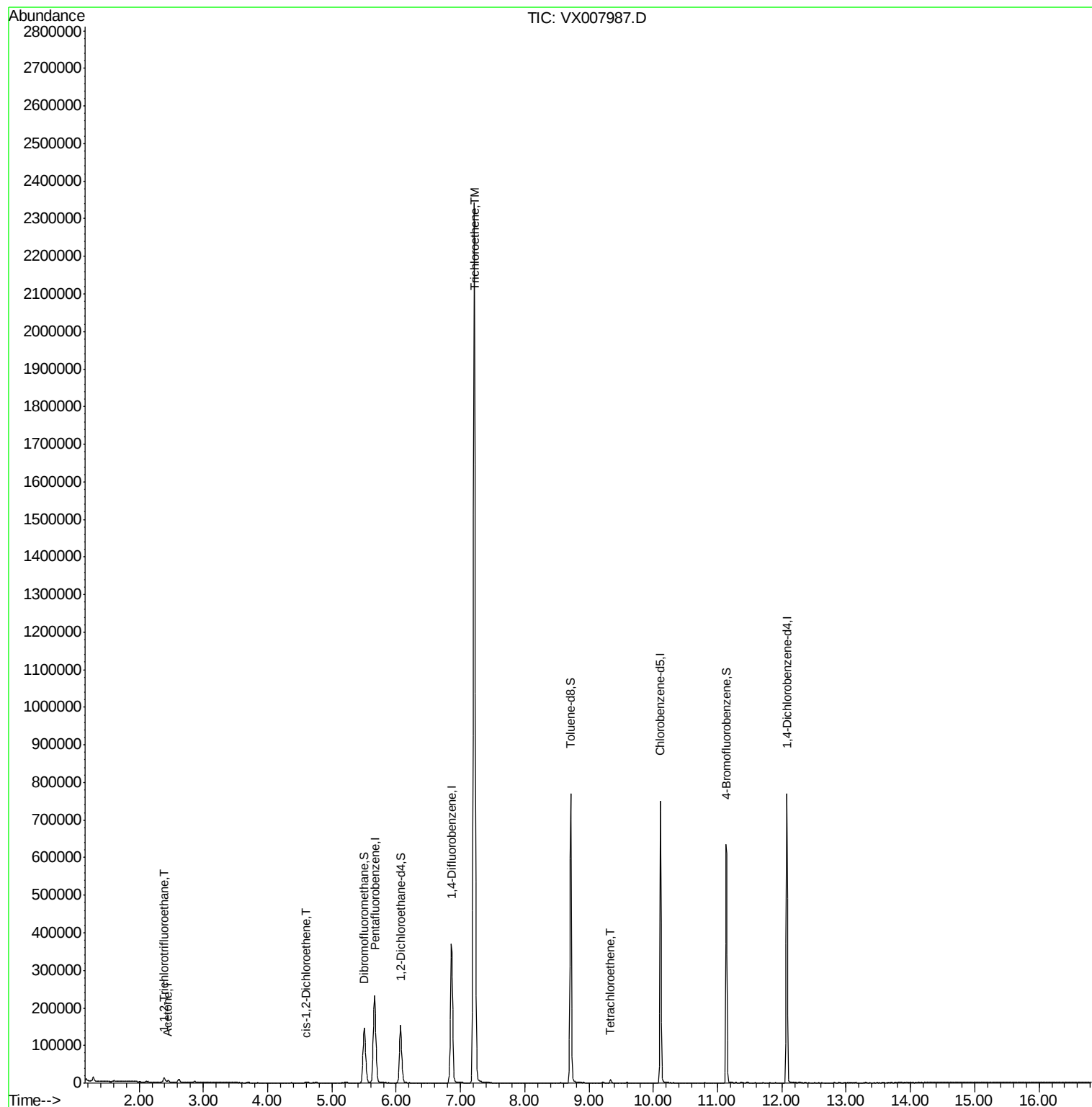
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	366849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137621	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	5.50	113	126715	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	8.71	98	472133	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	172159	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4619	2.094	ug/l	97
16) Acetone	2.45	43	4429	2.902	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	1475	0.551	ug/l	89
44) Trichloroethene	7.21	130	959590	329.316	ug/l	99
64) Tetrachloroethene	9.34	164	1629	0.536	ug/l	89

(#) = 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# 740

Delta R.T. 0.00 min

Lab File: VX007987.D

Acq: 11 Mar 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

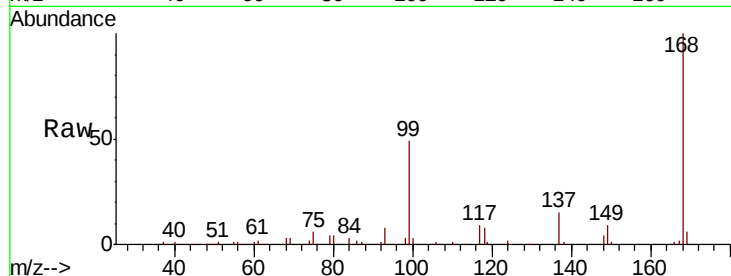
RE103D3-20190308

Tgt Ion:168 Resp: 249929

Ion Ratio Lower Upper

168 100

99 49.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

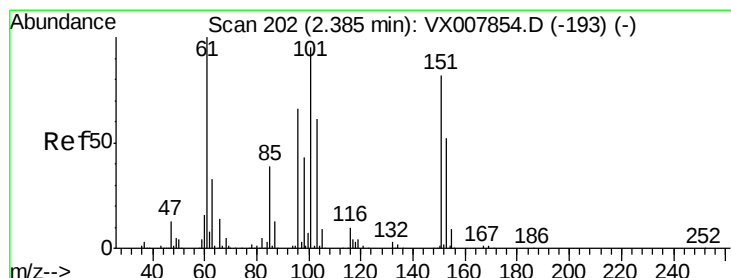
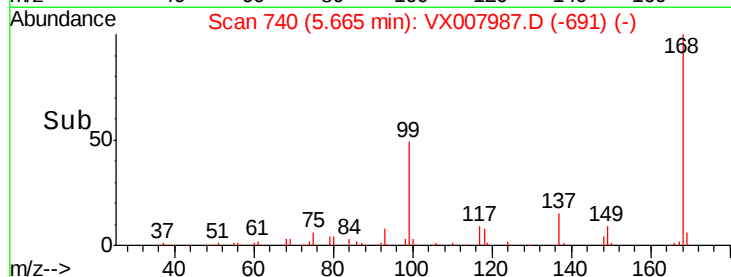
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.094 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007987.D

Acq: 11 Mar 2019 22:56

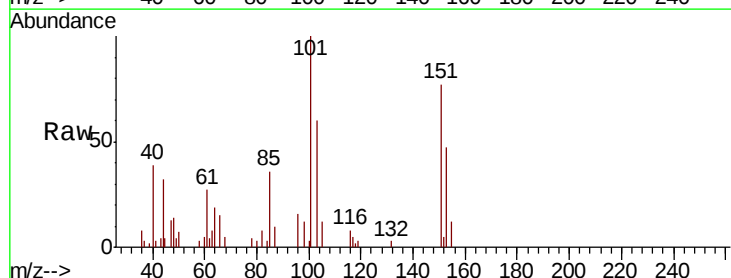
Tgt Ion:101 Resp: 4619

Ion Ratio Lower Upper

101 100

85 40.8 33.8 50.6

151 83.4 69.1 103.7



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

2.39

3000

2500

2000

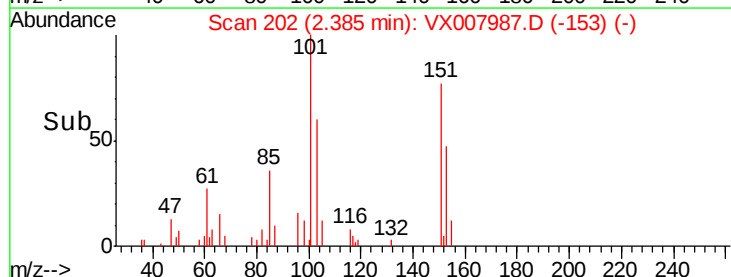
1500

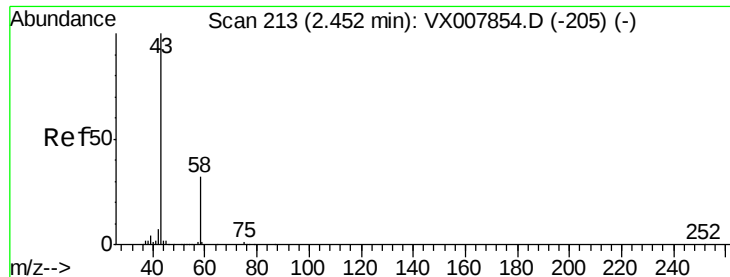
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 2.902 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007987.D

Acq: 11 Mar 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

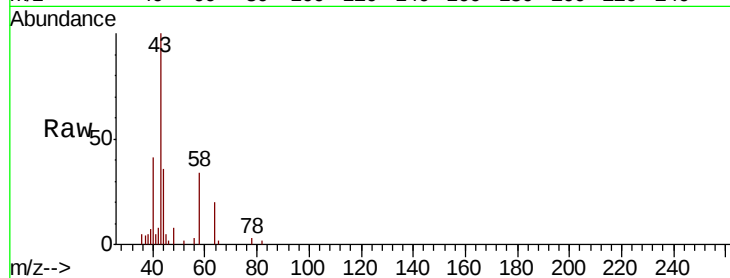
RE103D3-20190308

Tgt Ion: 43 Resp: 4429

Ion Ratio Lower Upper

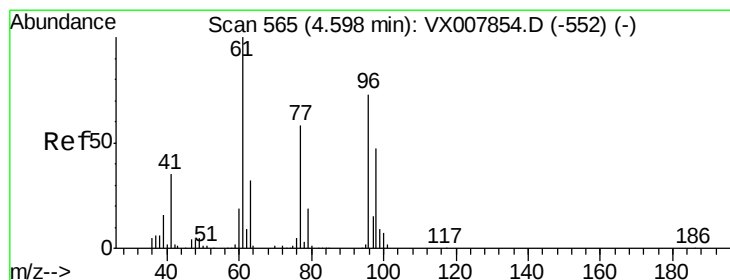
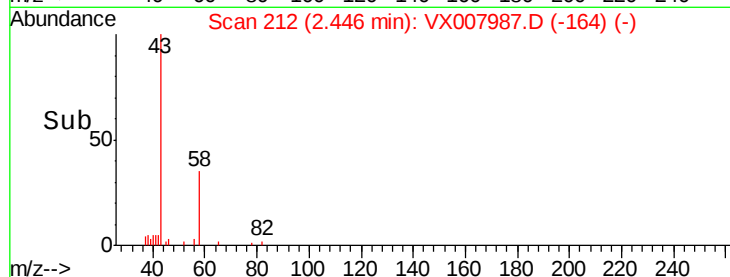
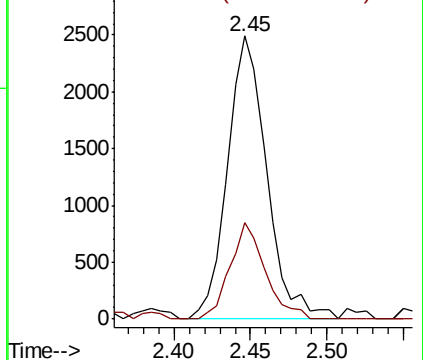
43 100

58 34.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.551 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX007987.D

Acq: 11 Mar 2019 22:56

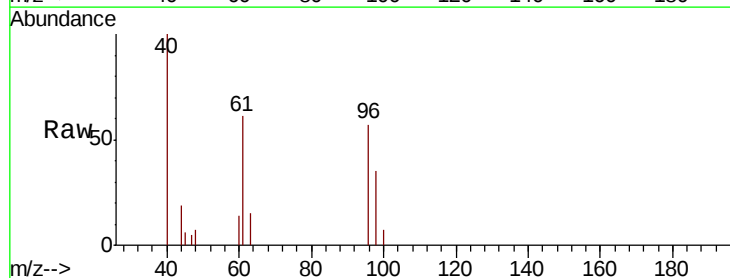
Tgt Ion: 96 Resp: 1475

Ion Ratio Lower Upper

96 100

61 127.6 0.0 288.0

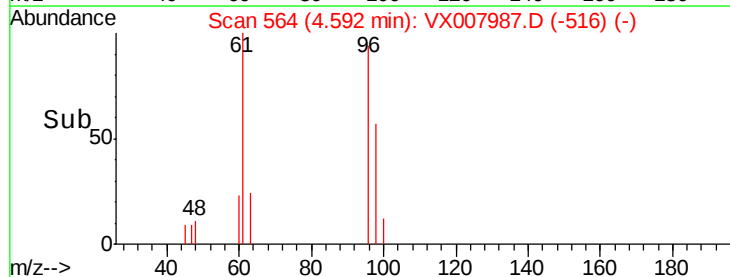
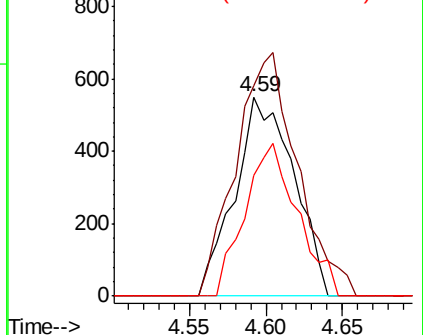
98 68.3 0.0 129.0

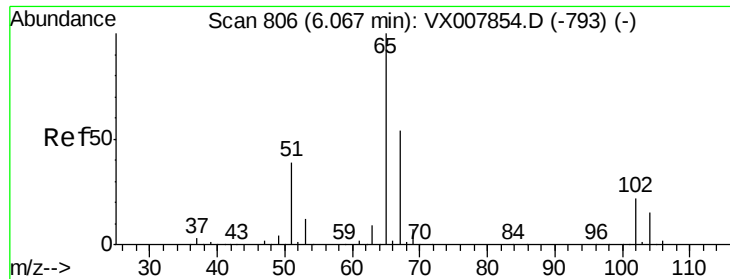


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

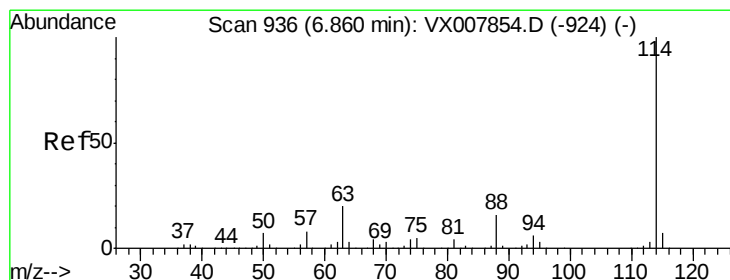
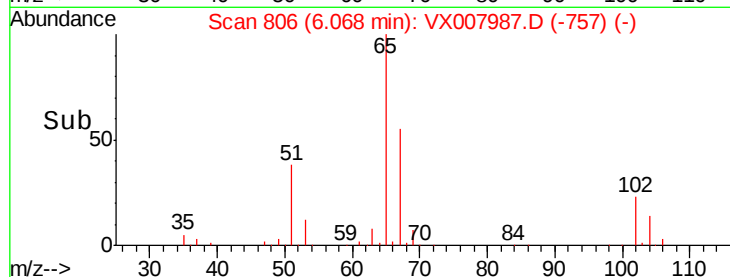
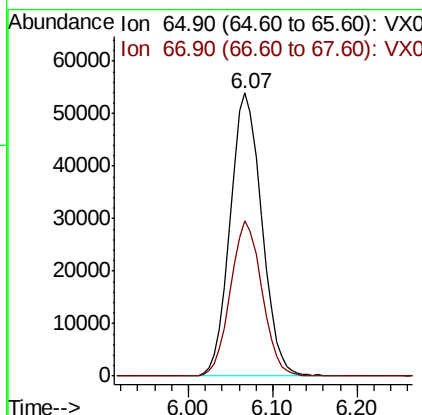
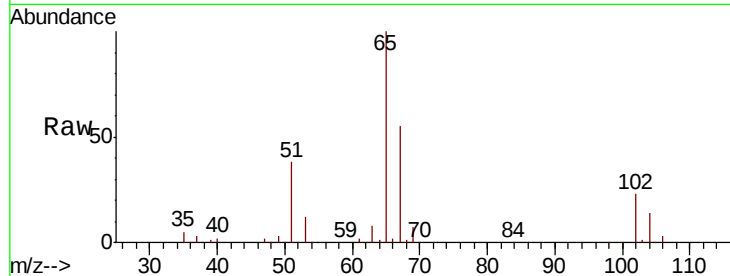




#33
 1,2-Dichloroethane-d4
 Concen: 52.198 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007987.D
 Acq: 11 Mar 2019 22:56

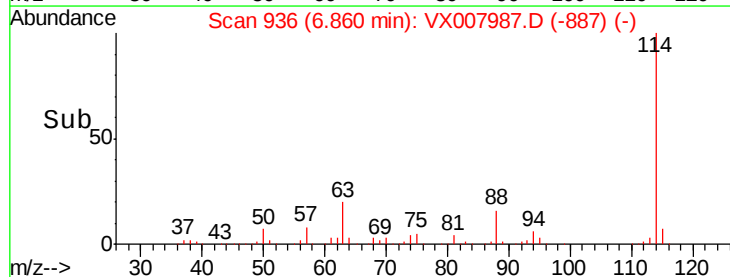
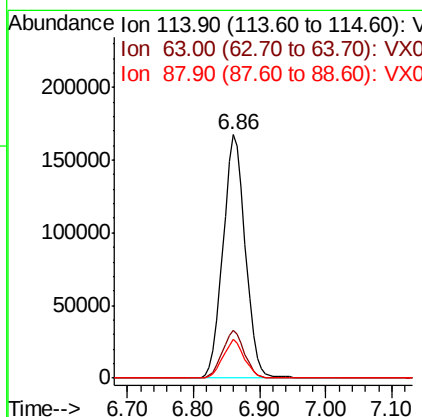
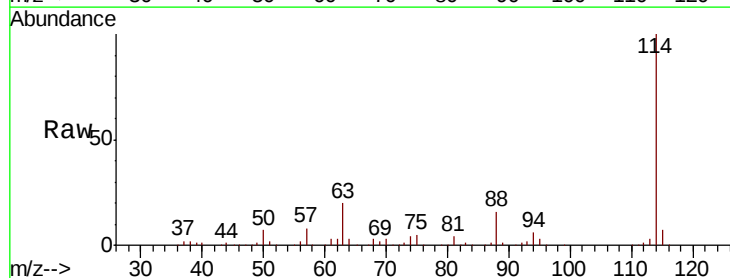
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20190308

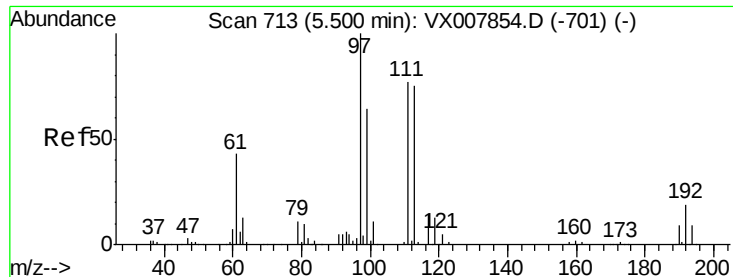
Tgt Ion: 65 Resp: 137621
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007987.D
 Acq: 11 Mar 2019 22:56

Tgt Ion: 114 Resp: 392245
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.8 0.0 31.4

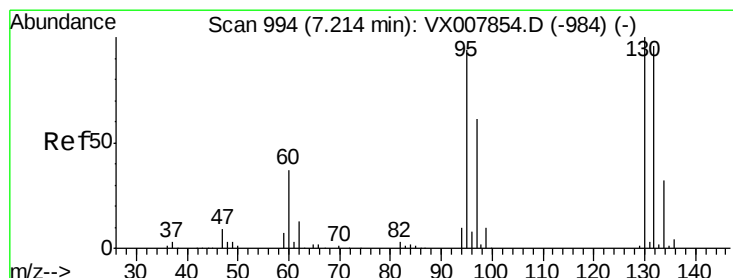
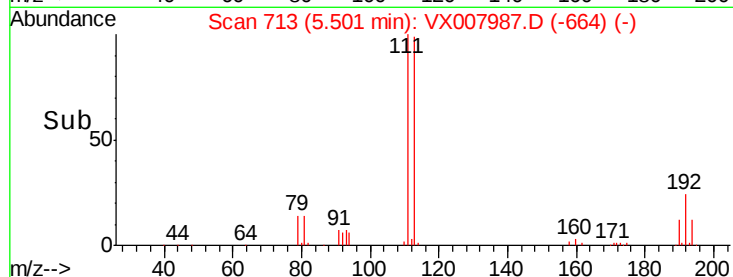
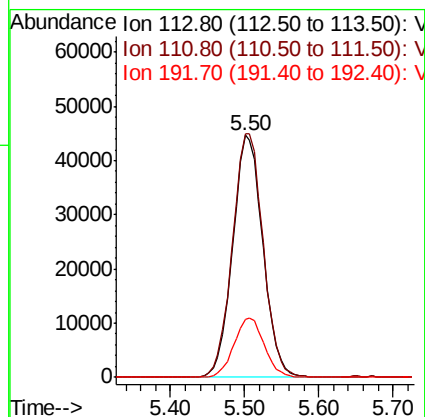
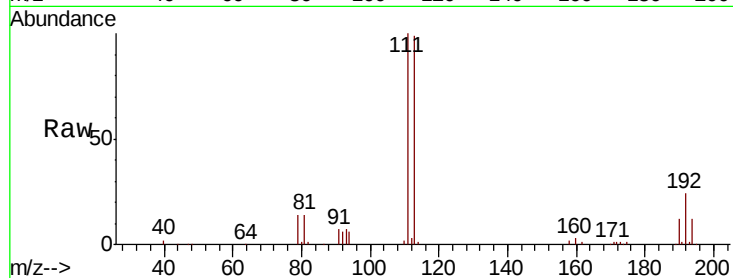




#35
 Dibromofluoromethane
 Concen: 50.503 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007987.D
 Acq: 11 Mar 2019 22:56

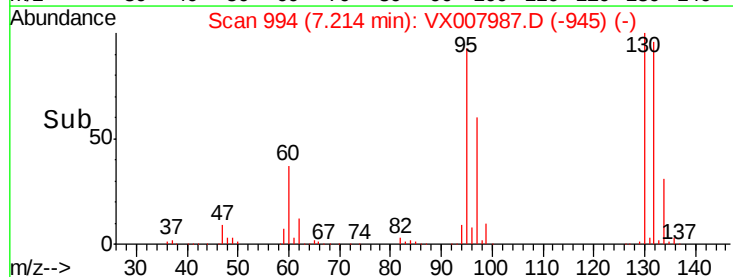
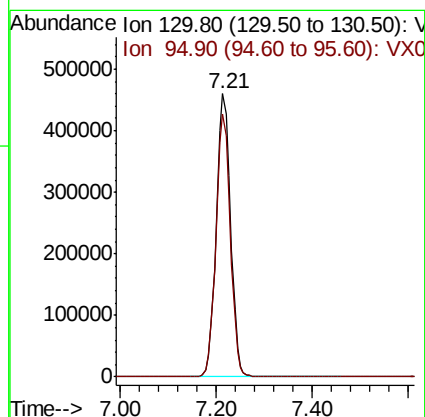
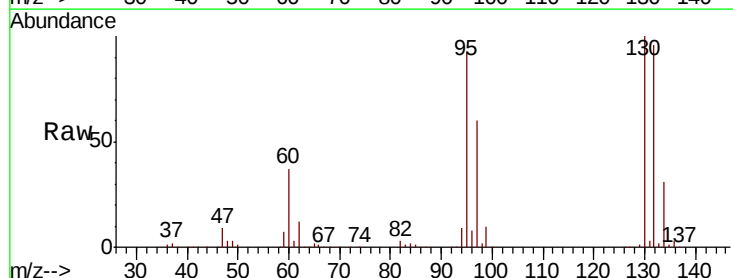
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20190308

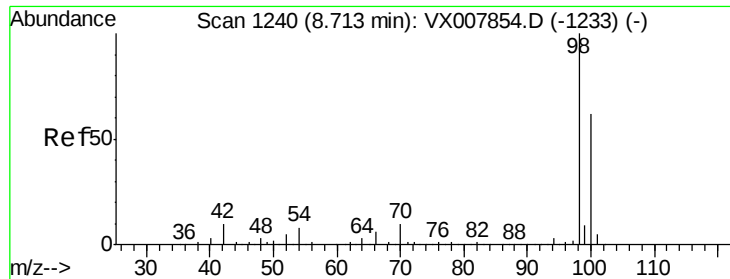
Tgt Ion:113 Resp: 126715
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 24.7 19.4 29.0



#44
 Trichloroethene
 Concen: 329.316 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007987.D
 Acq: 11 Mar 2019 22:56

Tgt Ion:130 Resp: 959590
 Ion Ratio Lower Upper
 130 100
 95 92.7 0.0 188.0





#50

Toluene-d8

Concen: 51.237 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007987.D

Acq: 11 Mar 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

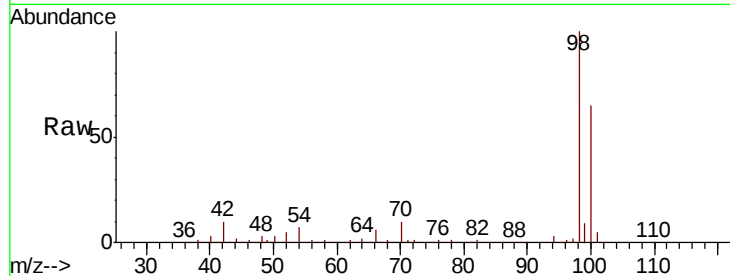
RE103D3-20190308

Tgt Ion: 98 Resp: 472133

Ion Ratio Lower Upper

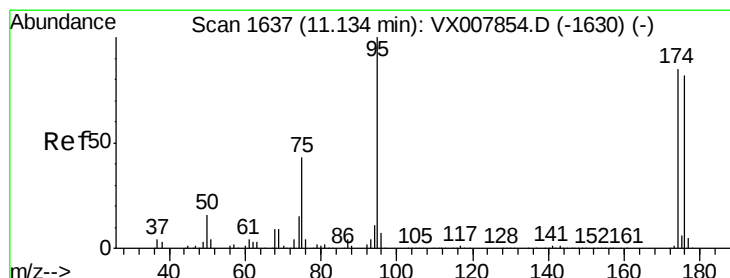
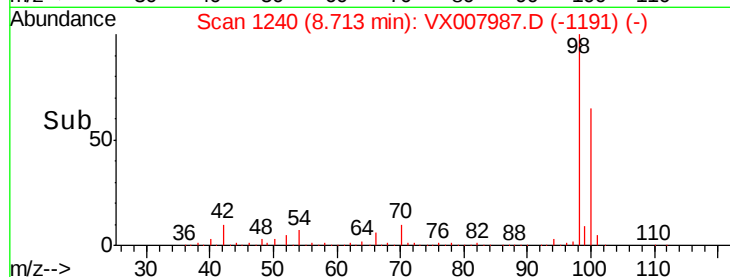
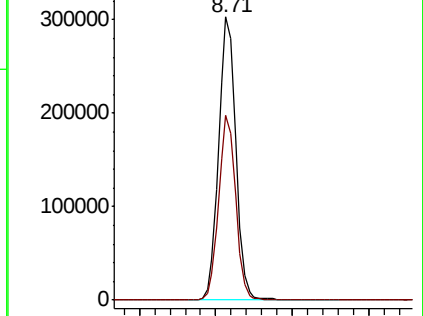
98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 53.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007987.D

Acq: 11 Mar 2019 22:56

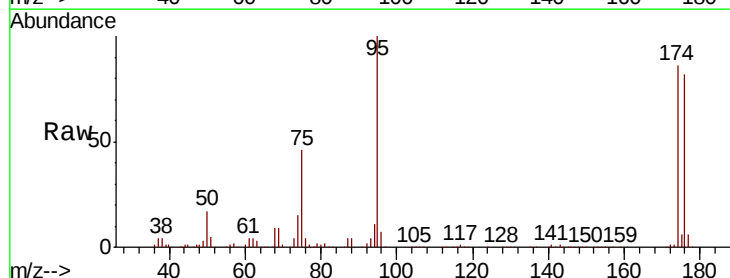
Tgt Ion: 95 Resp: 172159

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

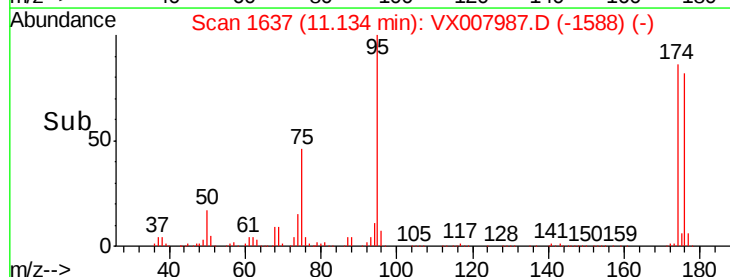
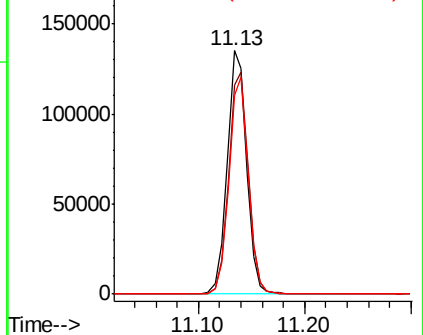
176 88.9 0.0 178.0

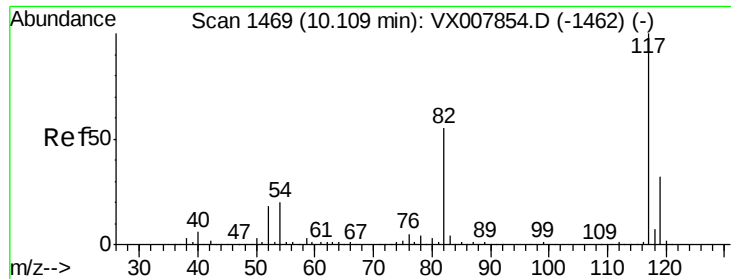


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

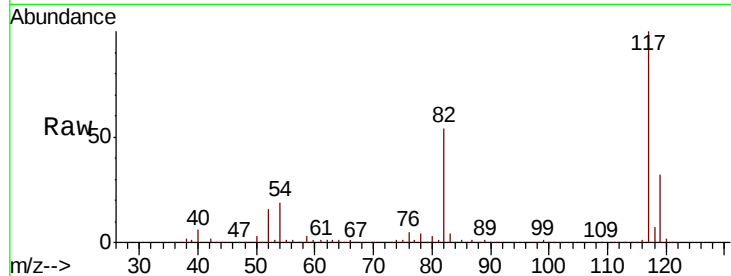




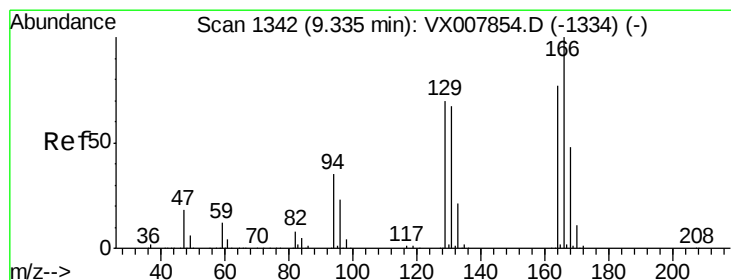
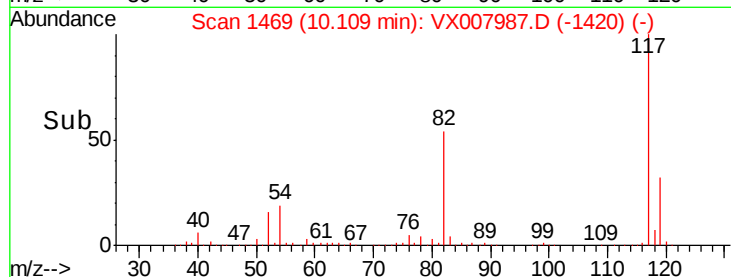
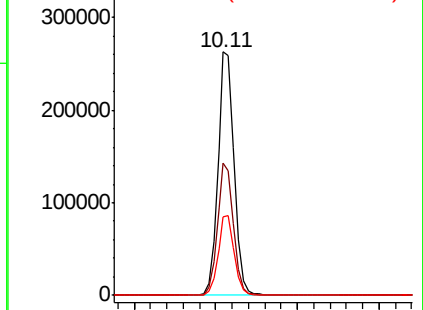
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007987.D
Acq: 11 Mar 2019 22:56

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20190308

Tgt Ion:117 Resp: 366849
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.0 25.3 37.9

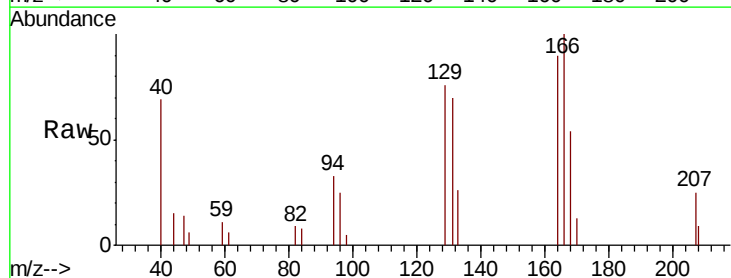


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

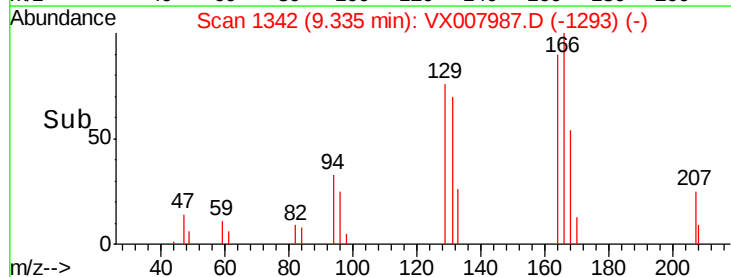
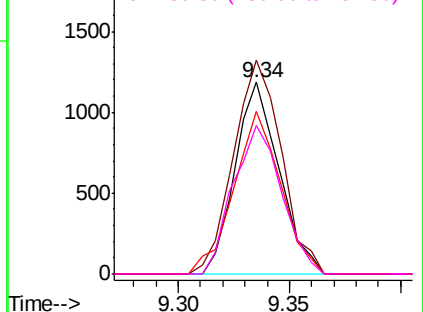


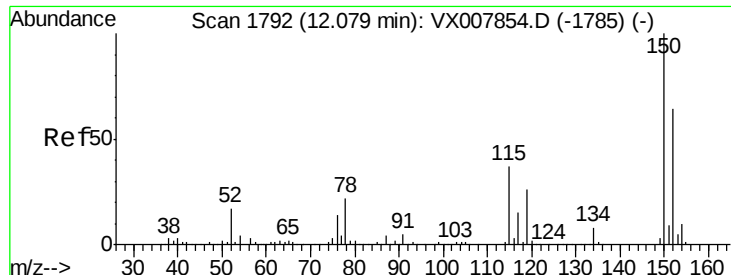
#64
Tetrachloroethene
Concen: 0.536 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007987.D
Acq: 11 Mar 2019 22:56

Tgt Ion:164 Resp: 1629
Ion Ratio Lower Upper
164 100
166 111.5 103.4 155.0
129 84.7 72.2 108.4
131 77.6 69.4 104.2



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007987.D

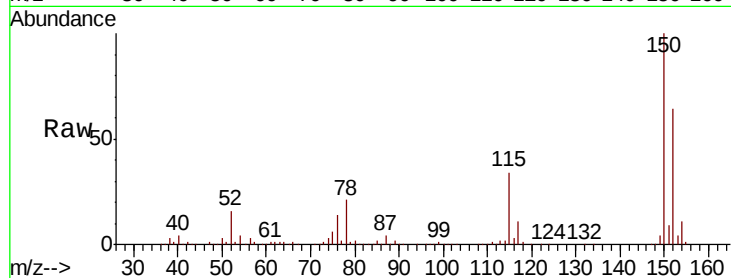
Acq: 11 Mar 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

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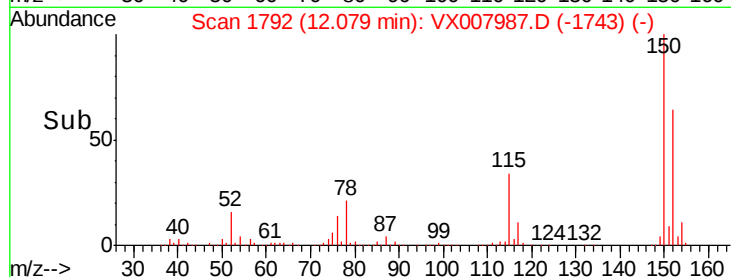
Tgt Ion:152 Resp: 175565

Ion Ratio Lower Upper

152 100

115 55.5 38.6 115.7

150 157.2 0.0 348.4



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

