

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005959.D
 Acq On : 13 Nov 2018 19:54
 Operator : JC/MD
 Sample : J5931-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-181112

Quant Time: Nov 14 04:37:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

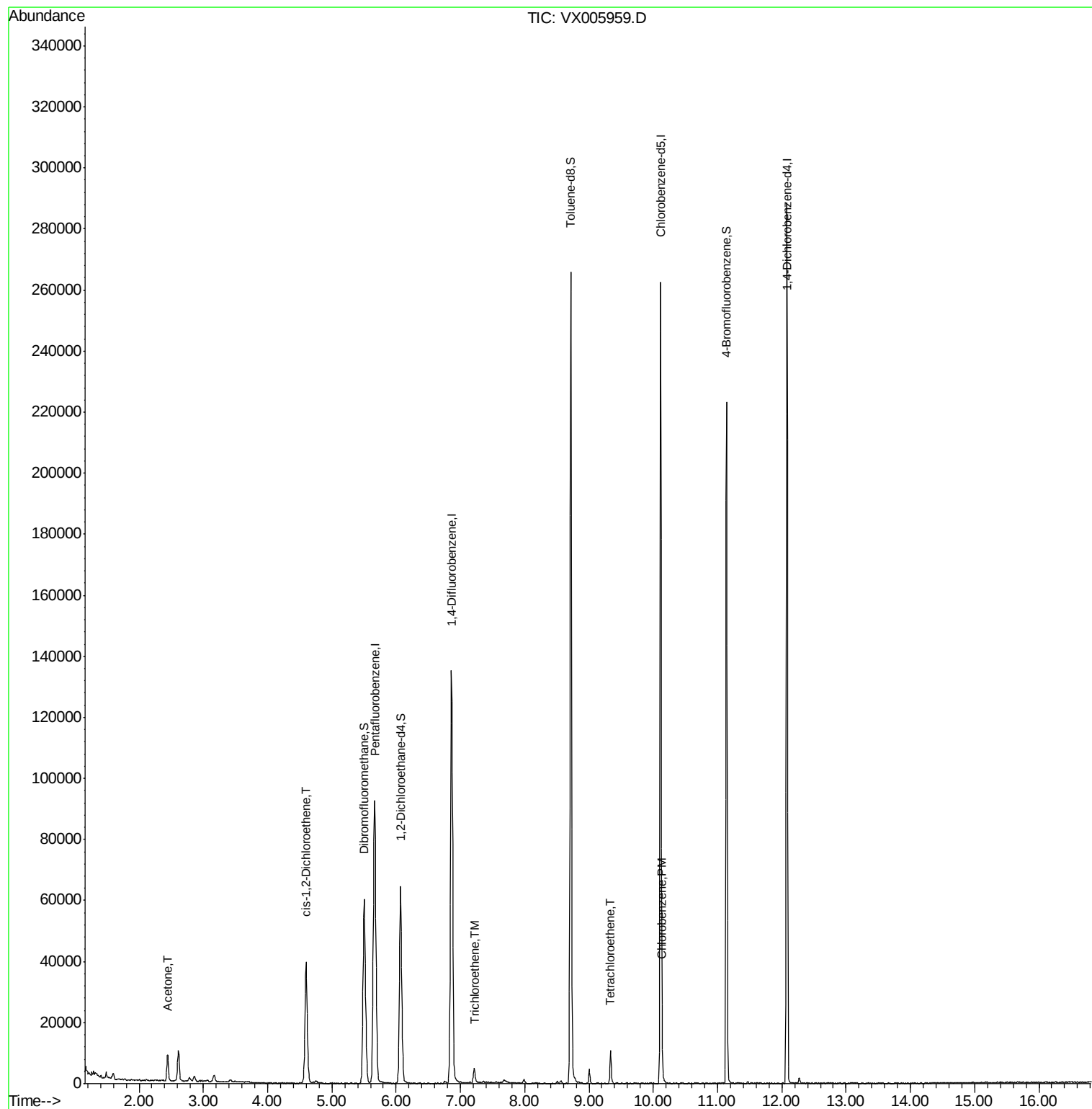
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	93193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	133479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	121665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	59338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	59315	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
35) Dibromofluoromethane	5.50	113	48865	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
50) Toluene-d8	8.71	98	160590	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	11.14	95	54216	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
16) Acetone	2.45	43	9550	16.555	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	23289	24.276	ug/l	91
44) Trichloroethene	7.21	130	1713	1.798	ug/l	97
64) Tetrachloroethene	9.34	164	2253	2.175	ug/l #	85
65) Chlorobenzene	10.14	112	1739	0.713	ug/l	97

(#) = 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. 0.01 min

Lab File: VX005959.D

Acq: 13 Nov 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

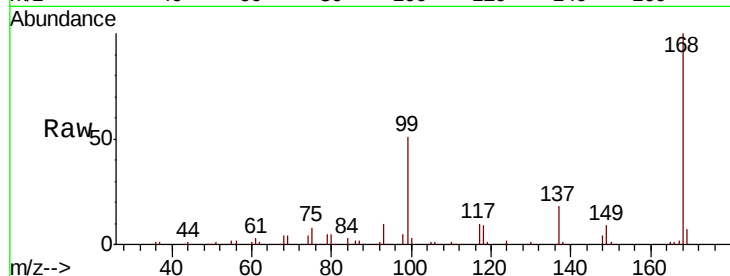
KY038PS035-181112

Tot Ion:168 Resp: 93193

Ion Ratio Lower Upper

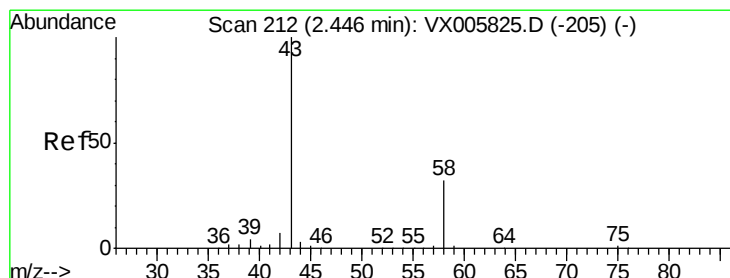
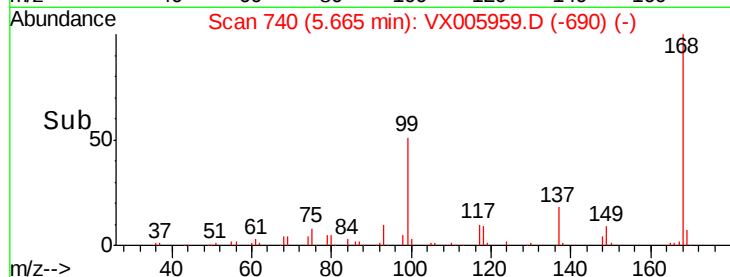
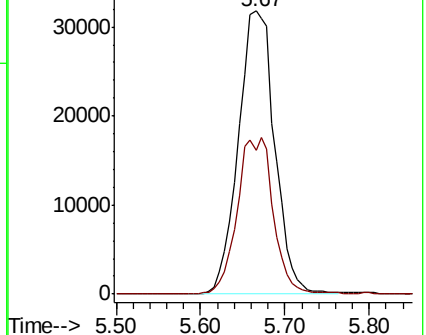
168 100

99 50.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005825.D (-727) (-)



#16

Acetone

Concen: 16.555 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005959.D

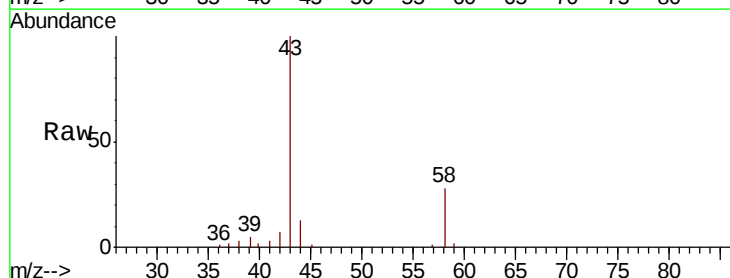
Acq: 13 Nov 2018 19:54

Tgt Ion: 43 Resp: 9550

Ion Ratio Lower Upper

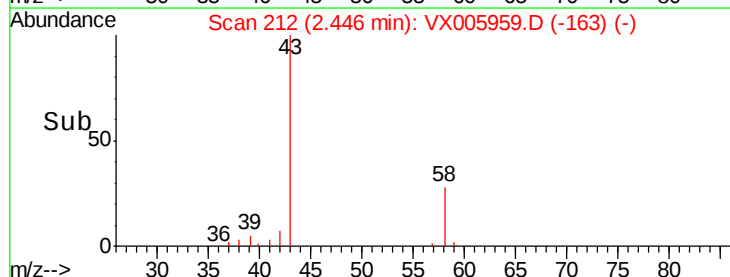
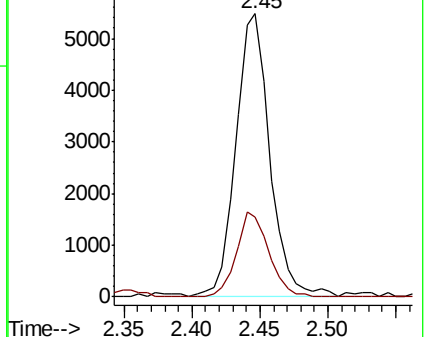
43 100

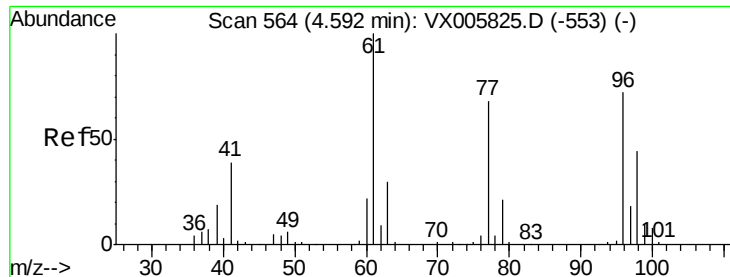
58 28.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005825.D (-205) (-)



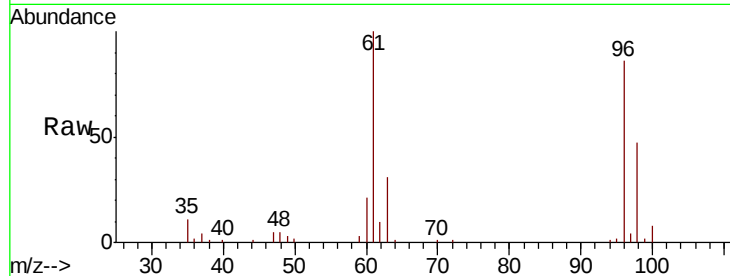


#27

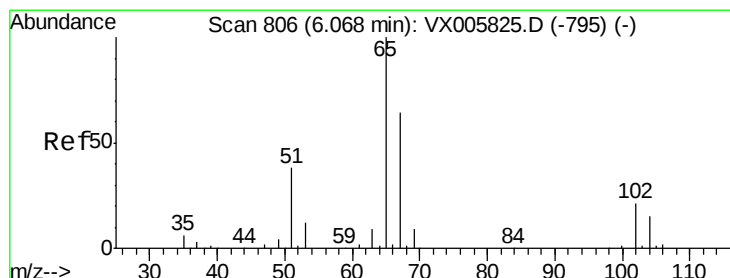
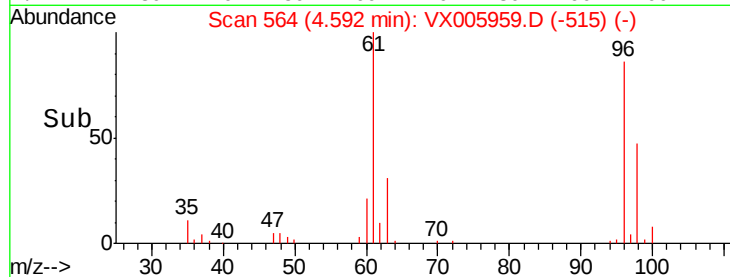
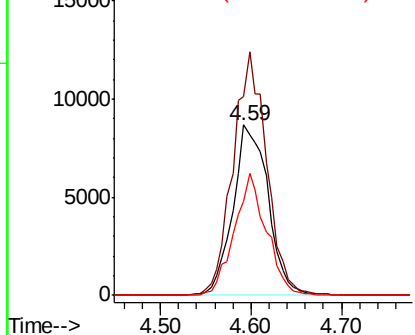
cis-1,2-Dichloroethene
 Concen: 24.276 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX005959.D
 Acq: 13 Nov 2018 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-181112

Tot Ion: 96 Resp: 23289
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 304.6
 98 65.3 0.0 127.4



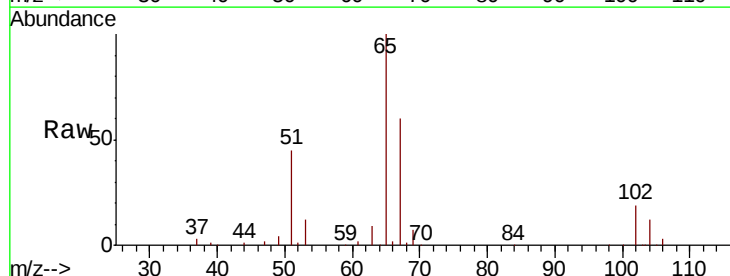
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



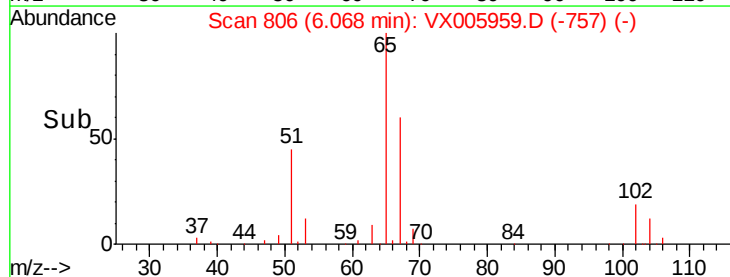
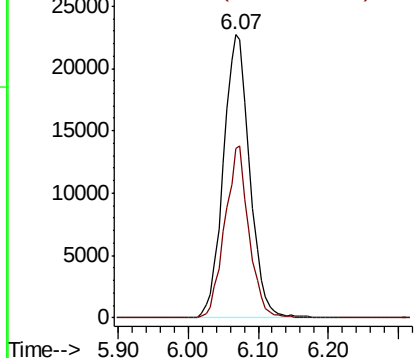
#33

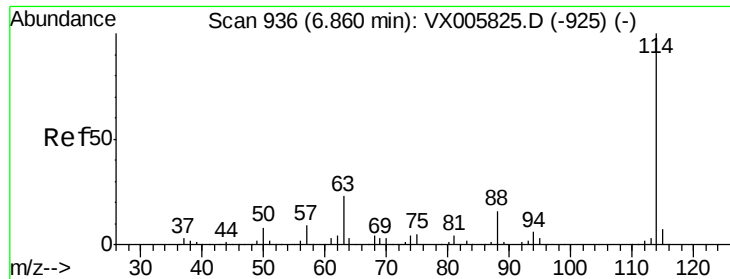
1,2-Dichloroethane-d4
 Concen: 55.364 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005959.D
 Acq: 13 Nov 2018 19:54

Tgt Ion: 65 Resp: 59315
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 105.0



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

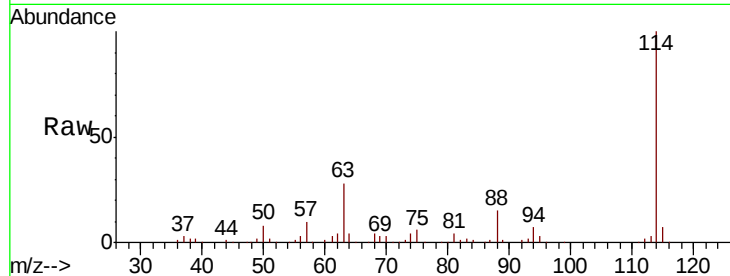




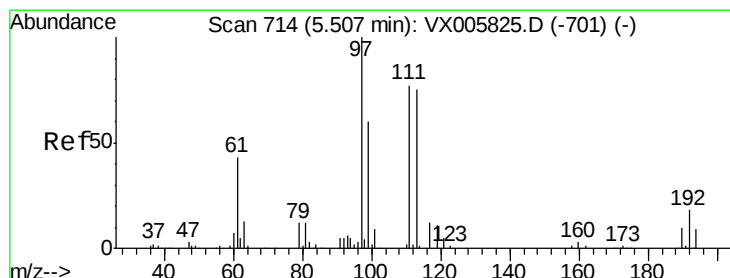
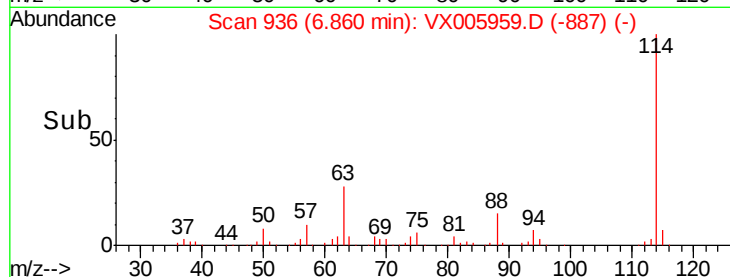
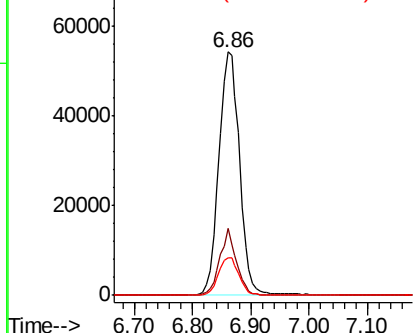
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005959.D
 Acq: 13 Nov 2018 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-181112

Tot Ion:114 Resp: 133479
 Ion Ratio Lower Upper
 114 100
 63 27.7 0.0 42.8
 88 15.5 0.0 31.2

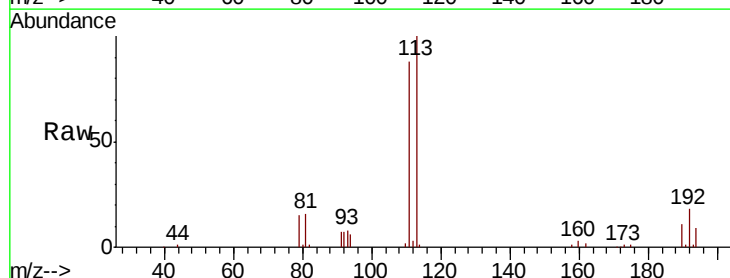


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

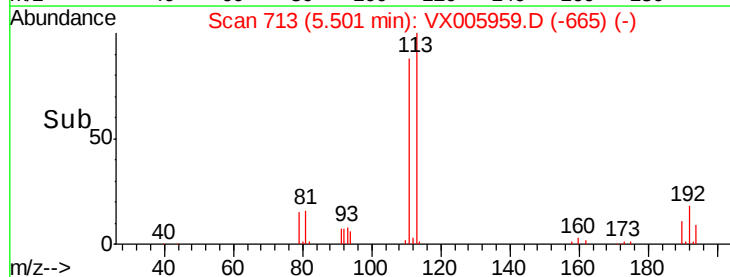
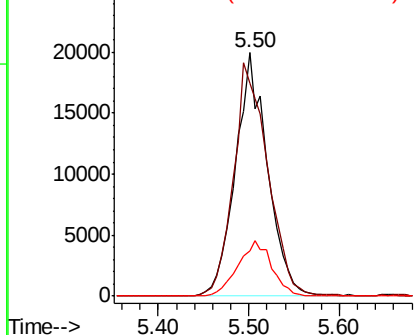


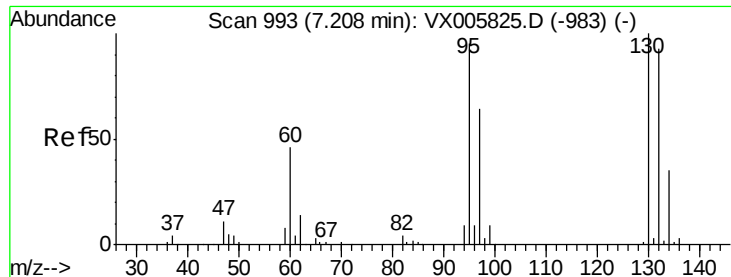
#35
 Dibromofluoromethane
 Concen: 53.824 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005959.D
 Acq: 13 Nov 2018 19:54

Tgt Ion:113 Resp: 48865
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 24.0 17.9 26.9



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: 1.798 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005959.D

Acq: 13 Nov 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

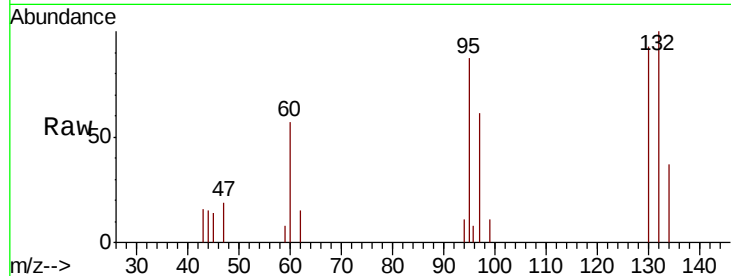
KY038PS035-181112

Tot Ion:130 Resp: 1713

Ion Ratio Lower Upper

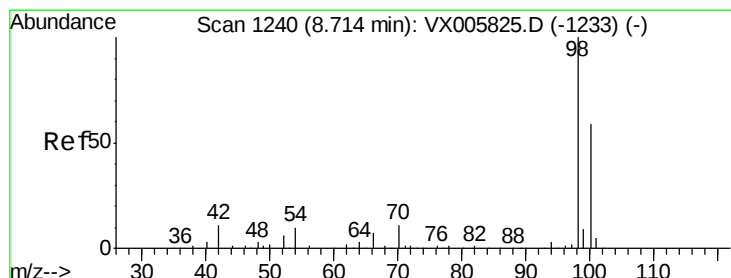
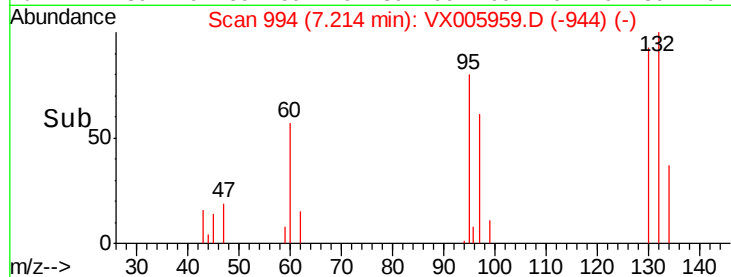
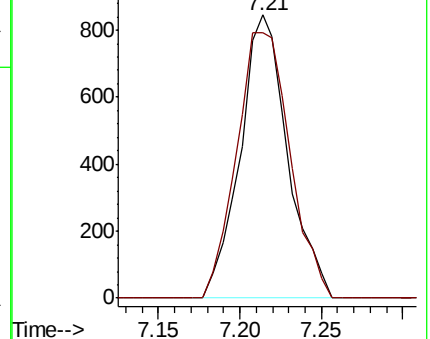
130 100

95 93.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.206 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005959.D

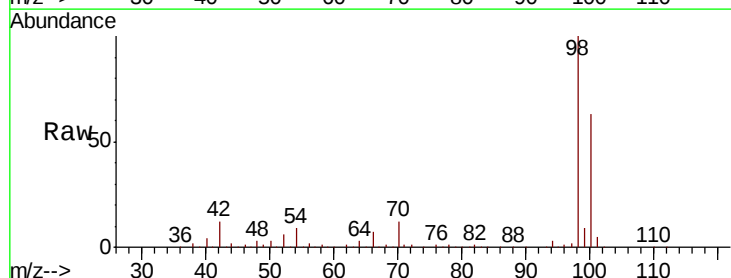
Acq: 13 Nov 2018 19:54

Tgt Ion: 98 Resp: 160590

Ion Ratio Lower Upper

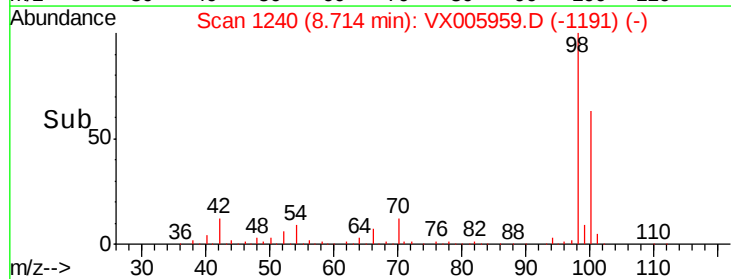
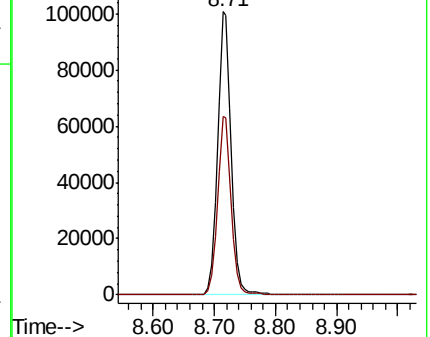
98 100

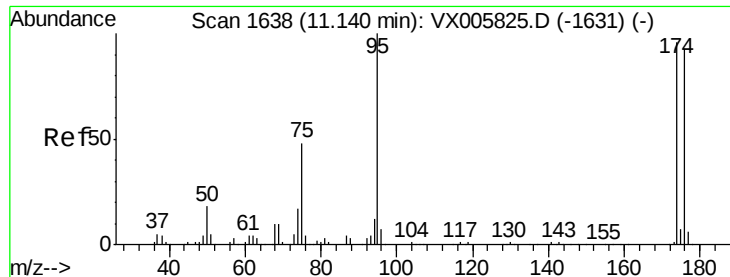
100 63.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.961 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005959.D

Acq: 13 Nov 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-181112

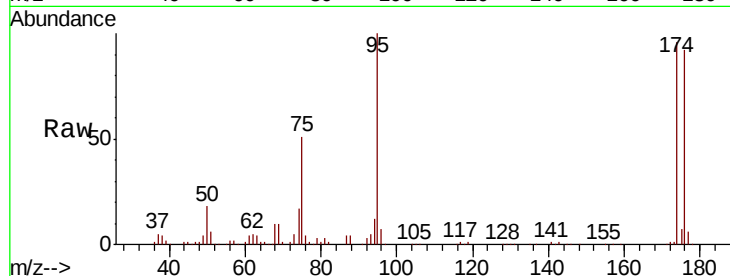
Tot Ion: 95 Resp: 54216

Ion Ratio Lower Upper

95 100

174 91.0 0.0 184.4

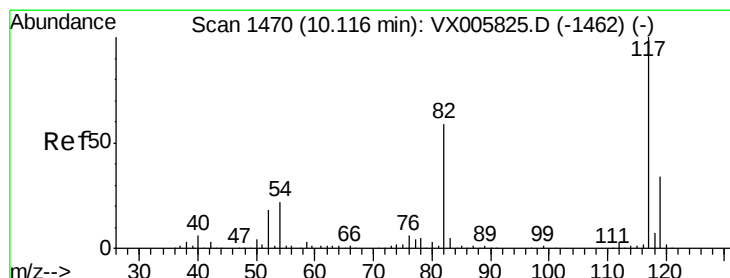
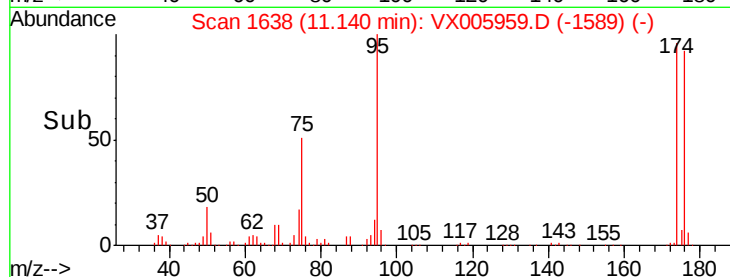
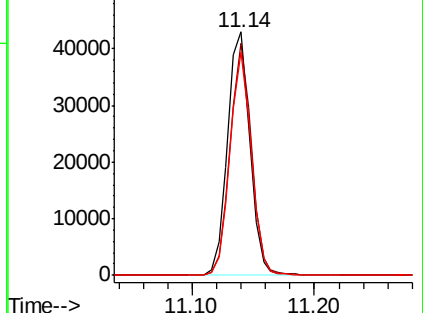
176 87.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005959.D

Acq: 13 Nov 2018 19:54

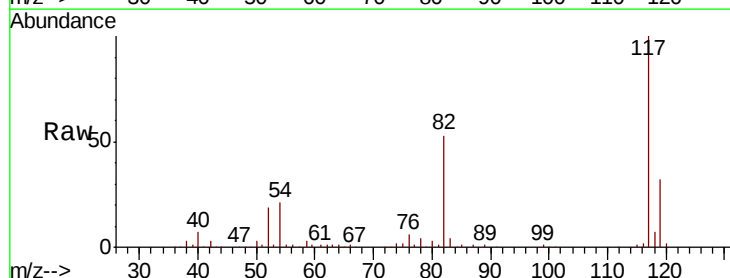
Tgt Ion: 117 Resp: 121665

Ion Ratio Lower Upper

117 100

82 53.5 44.1 66.1

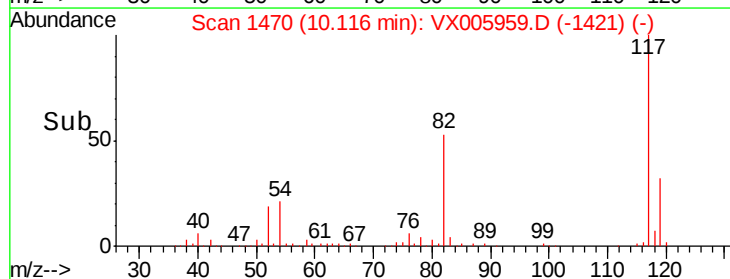
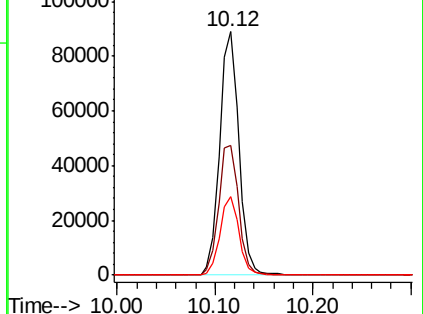
119 32.1 26.2 39.2

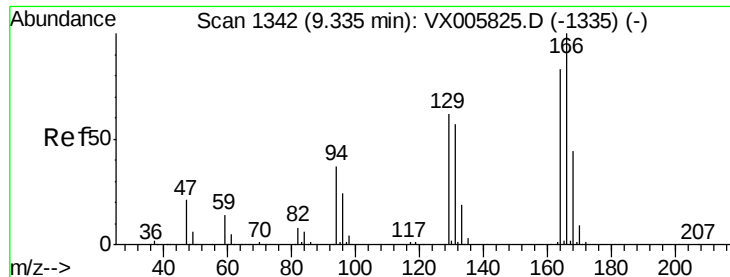


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)





#64

Tetrachloroethene

Concen: 2.175 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005959.D

Acq: 13 Nov 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-181112

Tot Ion:164 Resp: 2253

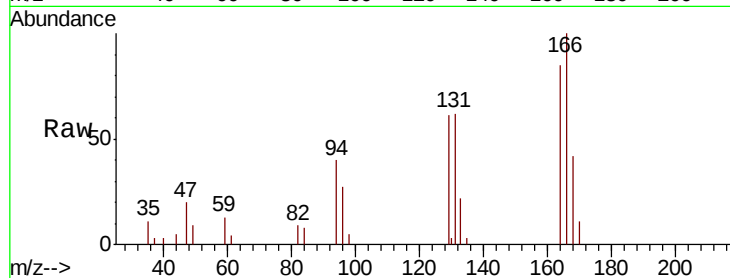
Ion Ratio Lower Upper

164 100

166 117.5 101.9 152.9

129 71.2 72.6 109.0#

131 72.7 71.1 106.7

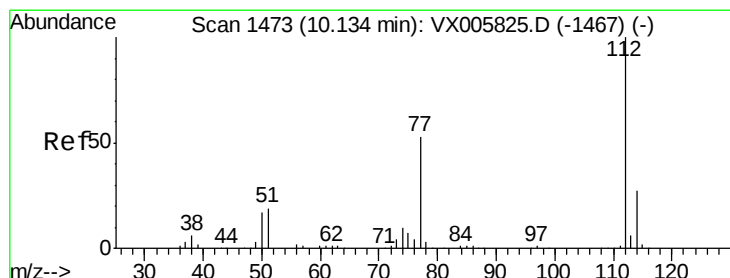
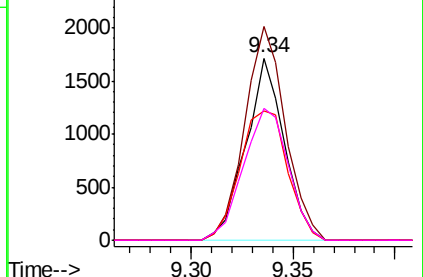
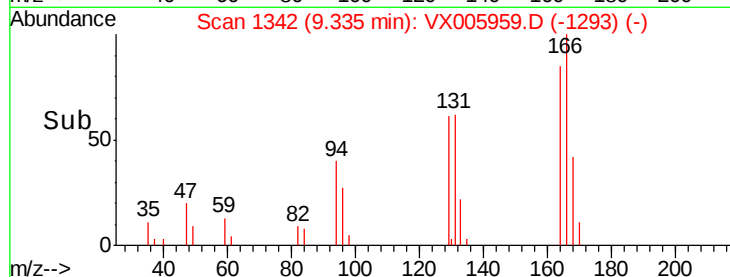


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 0.713 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005959.D

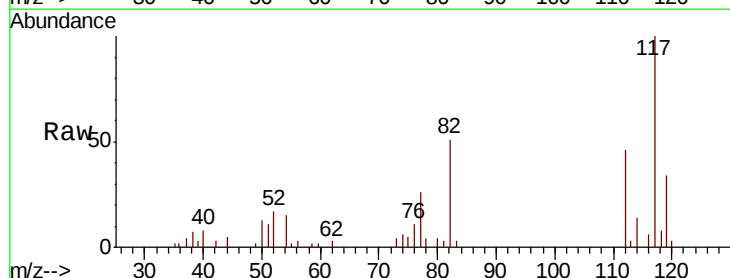
Acq: 13 Nov 2018 19:54

Tgt Ion:112 Resp: 1739

Ion Ratio Lower Upper

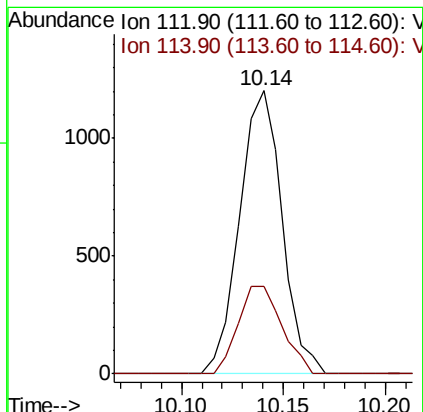
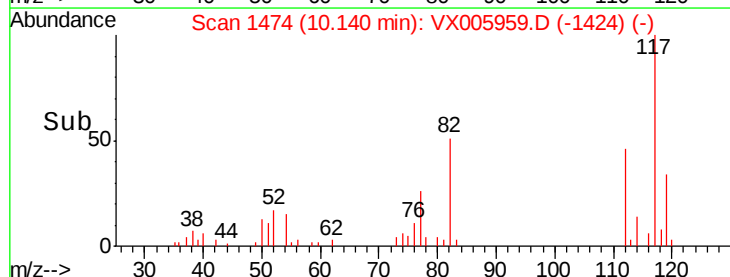
112 100

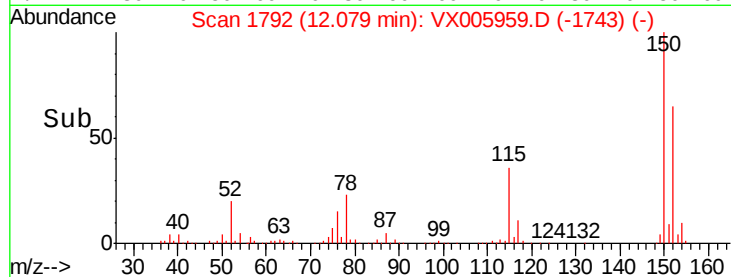
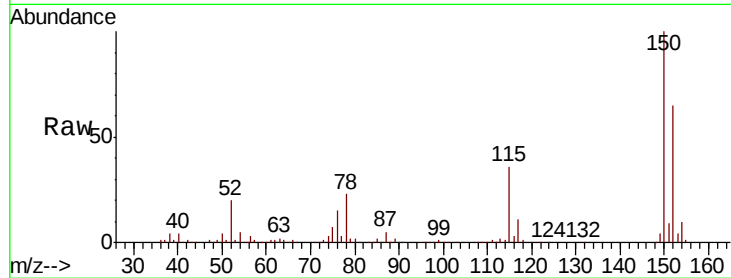
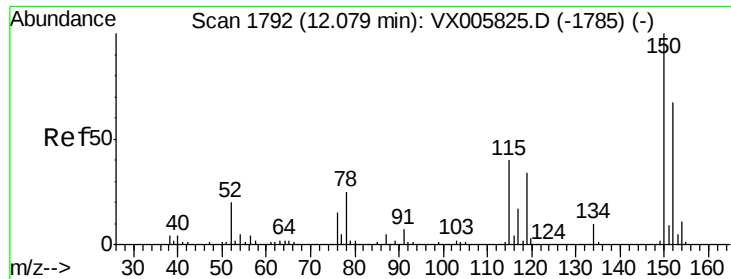
114 30.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX005959.D

Acq: 13 Nov 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-181112

Tot Ion:152 Resp: 59338

Ion Ratio Lower Upper

152 100

115 55.7 39.4 118.1

150 155.8 0.0 346.4

