

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007395.D
 Acq On : 06 Feb 2019 13:18
 Operator : JC/SP
 Sample : K1380-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190204

Quant Time: Feb 07 00:49:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

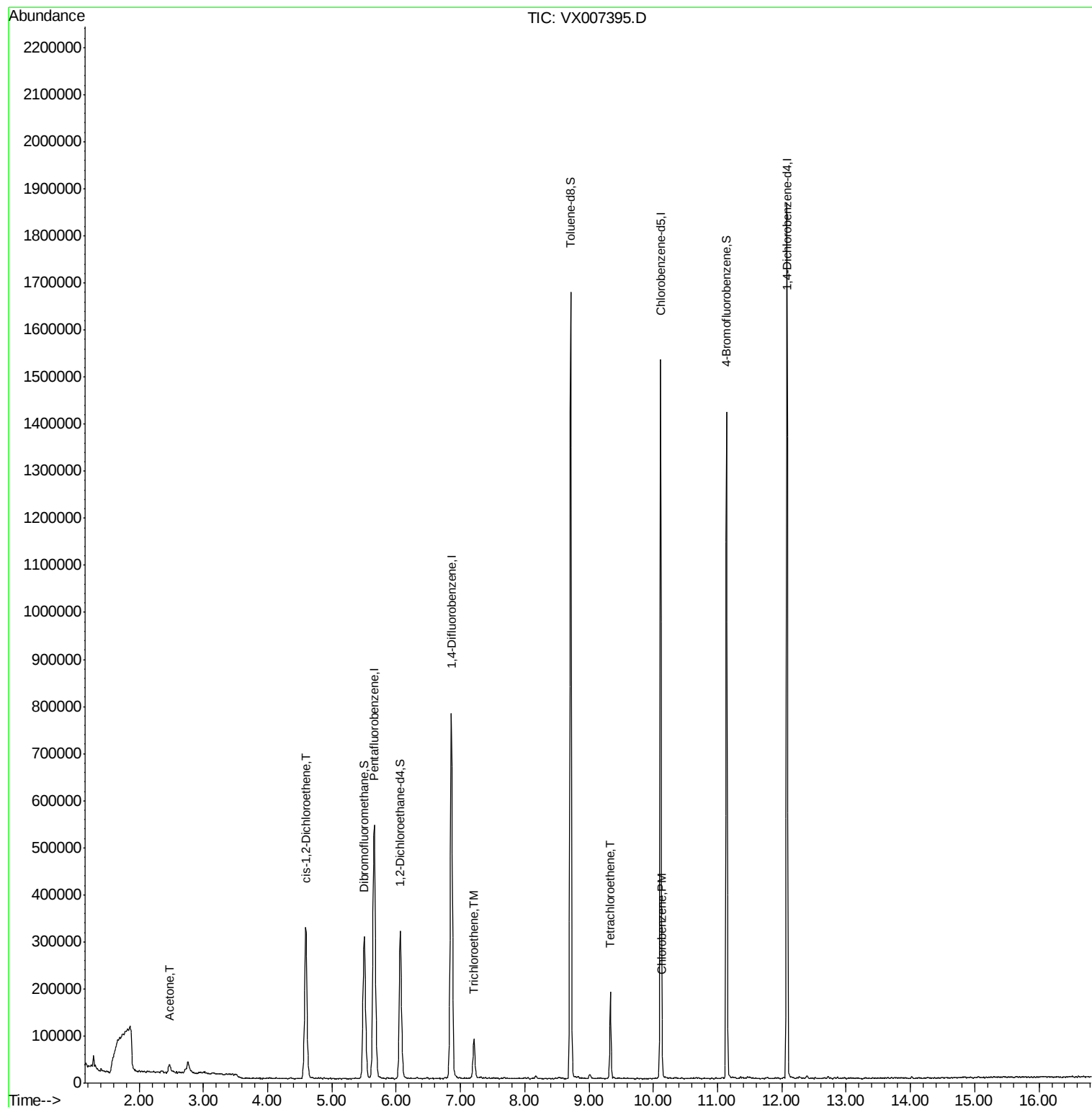
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	559255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	837715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	760289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	387109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	291242	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	252096	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	8.71	98	996128	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.14	95	347019	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
Target Compounds						
16) Acetone	2.48	43	14800	5.443	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	218345	35.144	ug/l	89
44) Trichloroethene	7.21	130	35051	5.256	ug/l	93
64) Tetrachloroethene	9.34	164	37533	5.238	ug/l	95
65) Chlorobenzene	10.14	112	9430	0.568	ug/l	99

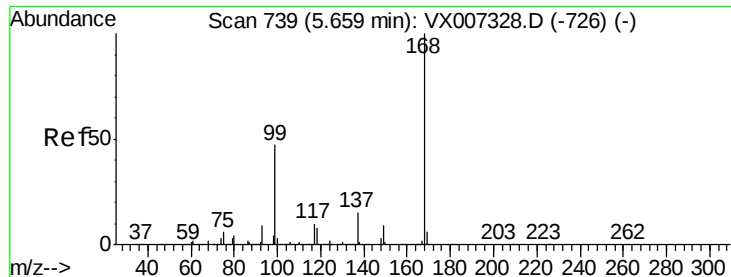
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007395.D

Acq: 06 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

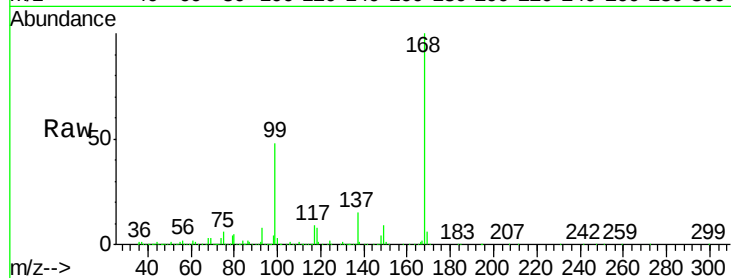
KY038PS027-190204

Tot Ion:168 Resp: 559255

Ion Ratio Lower Upper

168 100

99 47.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

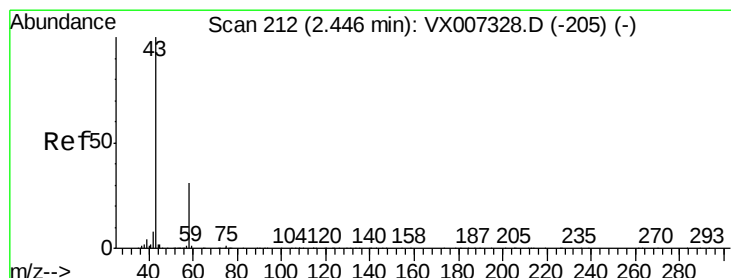
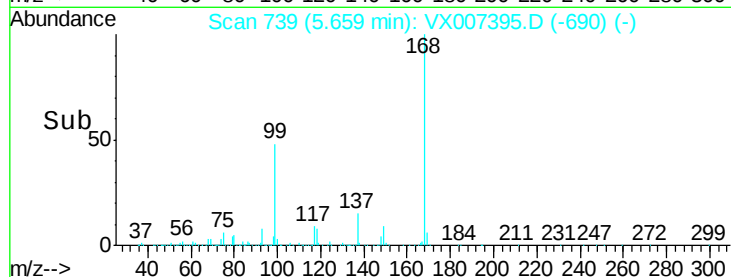
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.443 ug/l

RT: 2.48 min Scan# 217

Delta R.T. 0.03 min

Lab File: VX007395.D

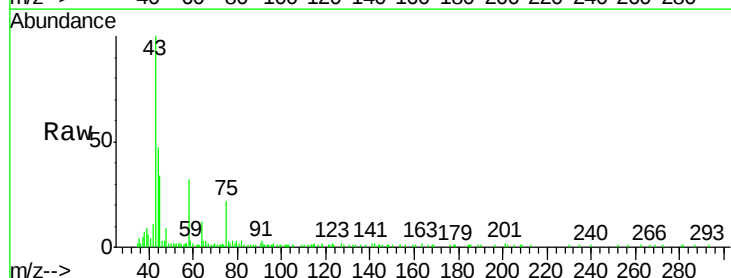
Acq: 06 Feb 2019 13:18

Tgt Ion: 43 Resp: 14800

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.48

8000

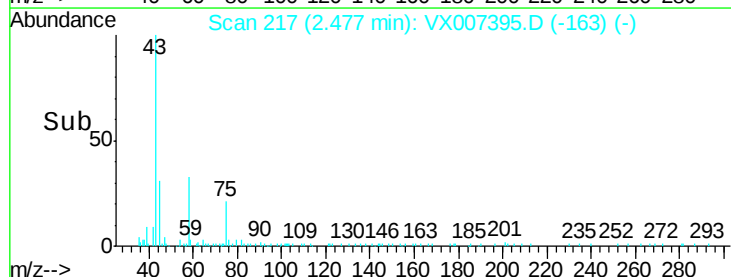
6000

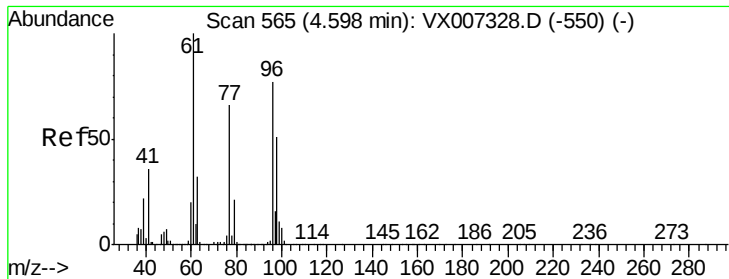
4000

2000

0

Time-->



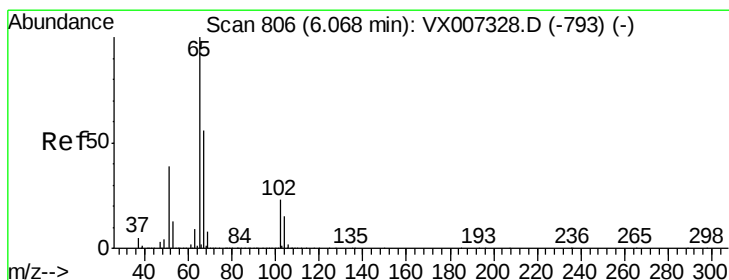
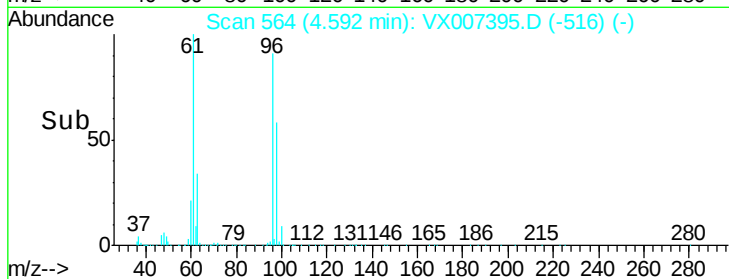
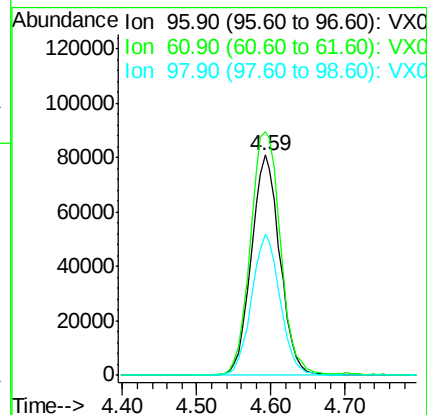
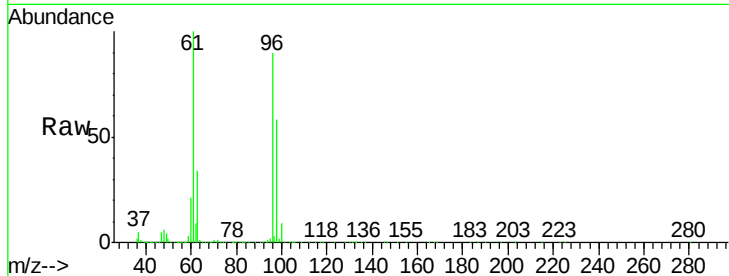


#27

cis-1,2-Dichloroethene
 Concen: 35.144 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX007395.D
 Acq: 06 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190204

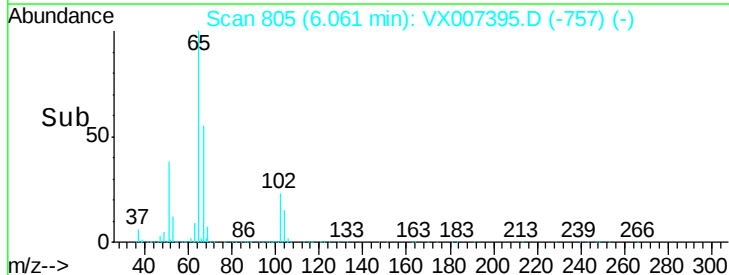
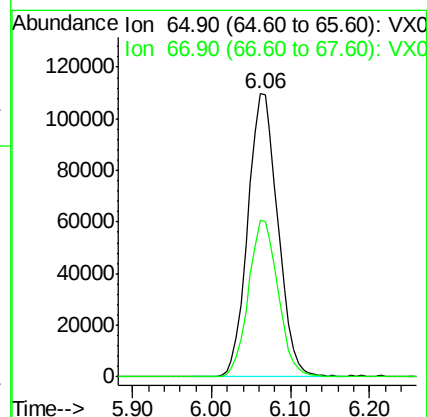
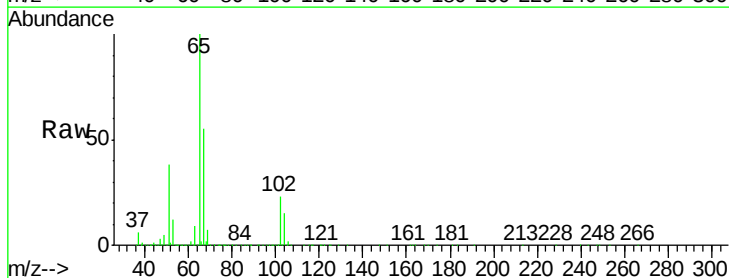
Tot Ion	Ratio	Lower	Upper
96	100		
61	115.8	0.0	265.6
98	63.7	0.0	131.6

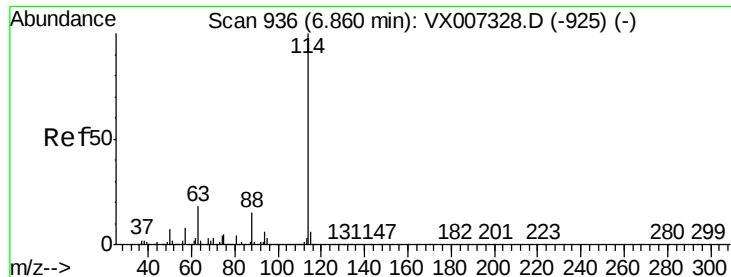


#33

1,2-Dichloroethane-d4
 Concen: 49.063 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007395.D
 Acq: 06 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007395.D

Acq: 06 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

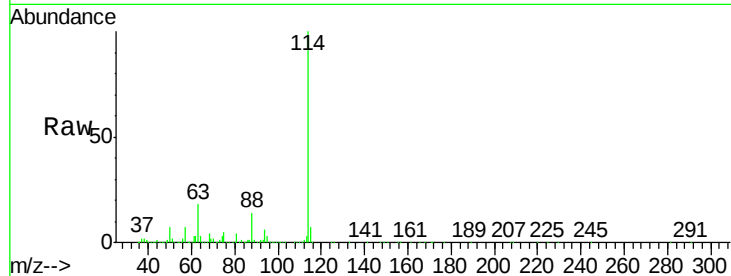
Tot Ion:114 Resp: 837715

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.6

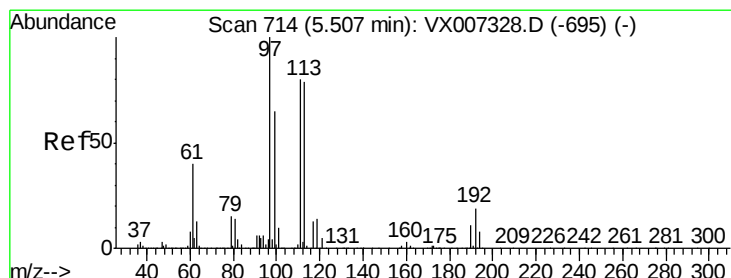
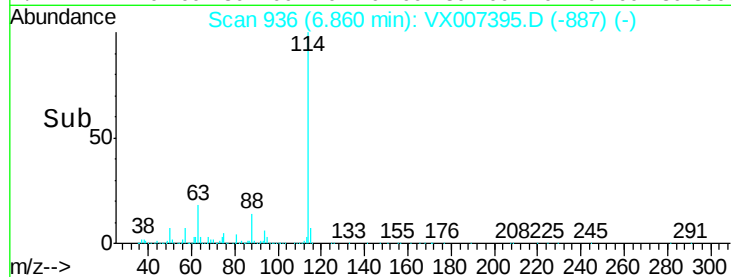
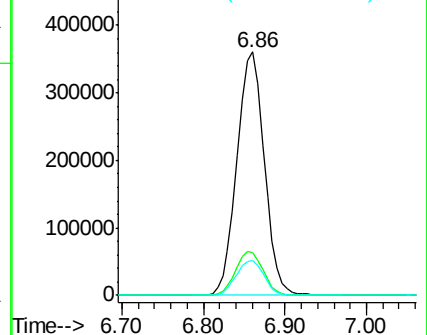
88 14.5 0.0 29.6



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: 46.250 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007395.D

Acq: 06 Feb 2019 13:18

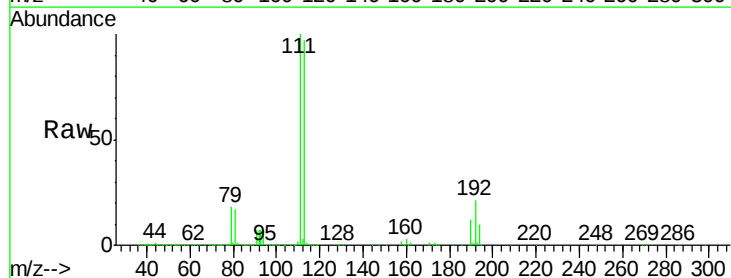
Tgt Ion:113 Resp: 252096

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

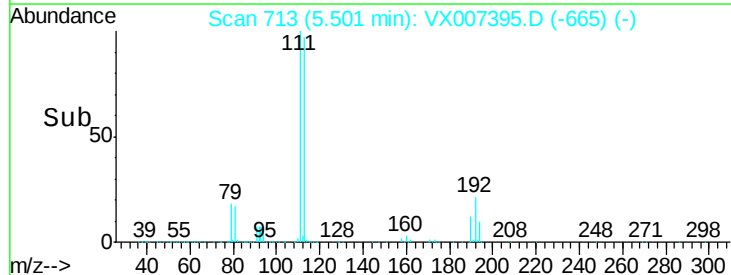
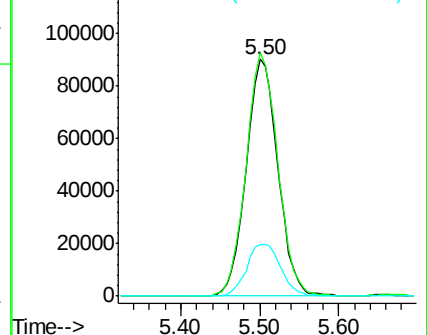
192 23.7 18.5 27.7

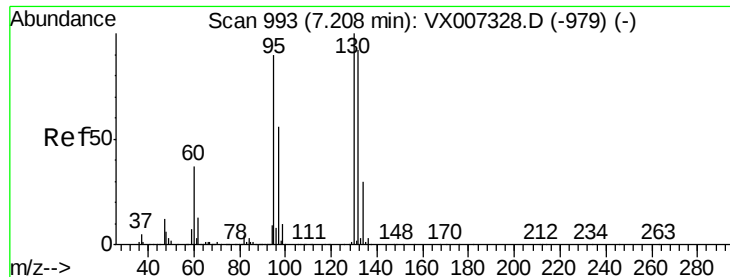


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.256 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX007395.D

Acq: 06 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

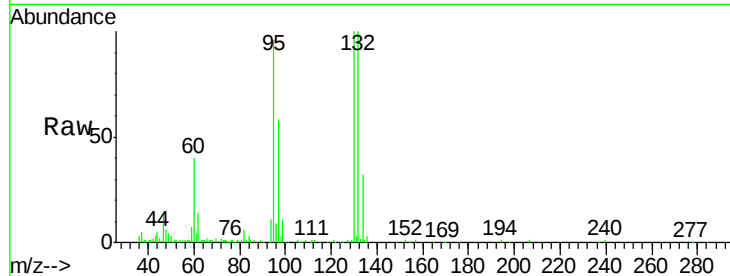
KY038PS027-190204

Tot Ion:130 Resp: 35051

Ion Ratio Lower Upper

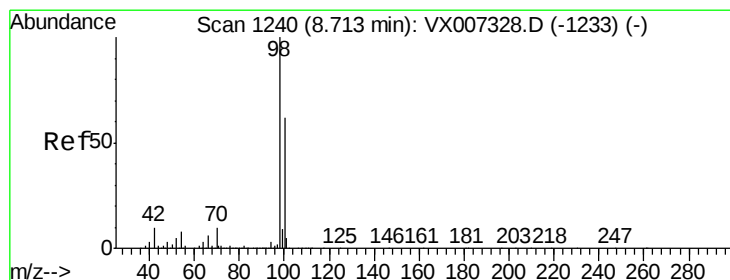
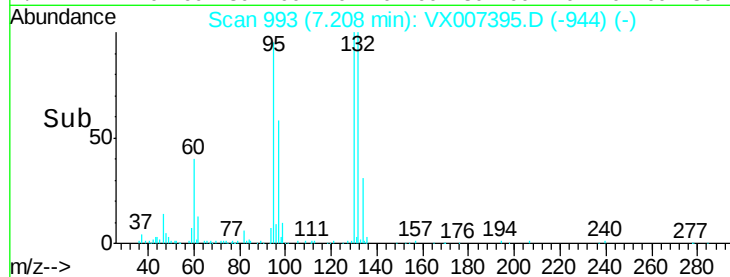
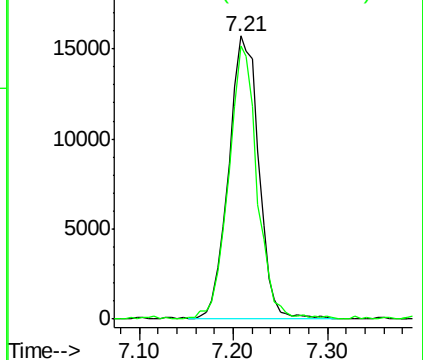
130 100

95 96.5 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.257 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007395.D

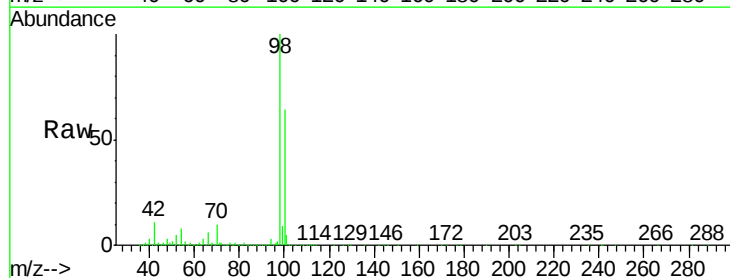
Acq: 06 Feb 2019 13:18

Tgt Ion: 98 Resp: 996128

Ion Ratio Lower Upper

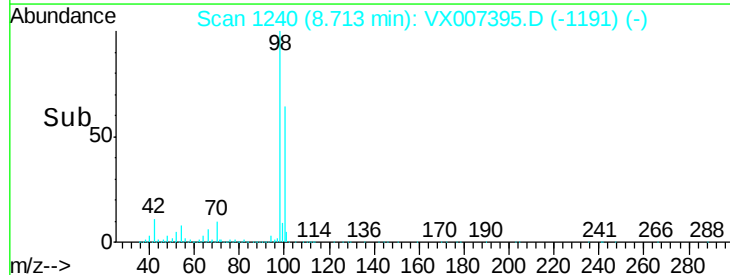
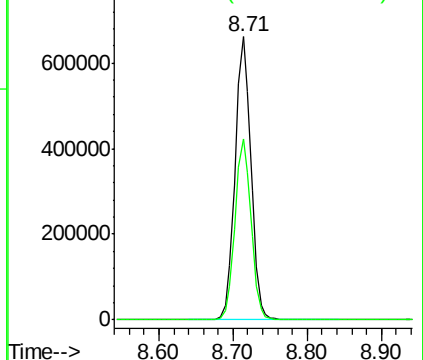
98 100

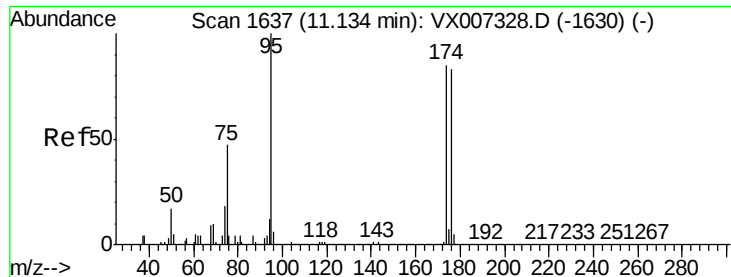
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.999 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007395.D

Acq: 06 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

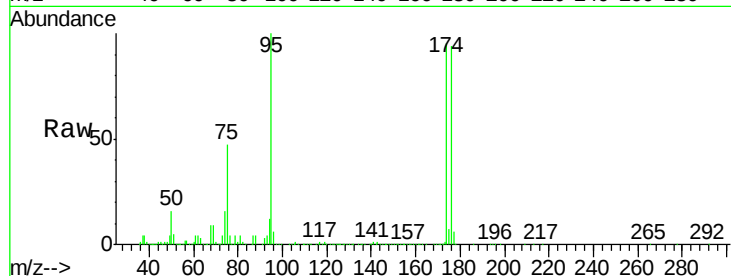
Tot Ion: 95 Resp: 347019

Ion Ratio Lower Upper

95 100

174 95.1 0.0 189.2

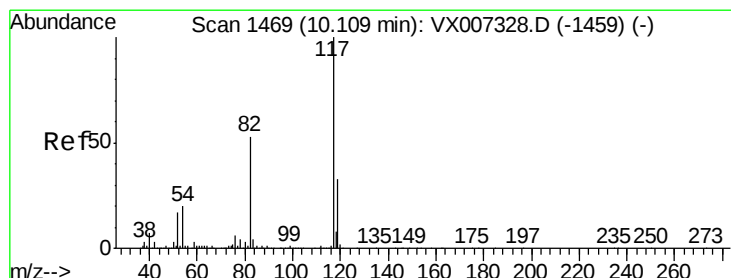
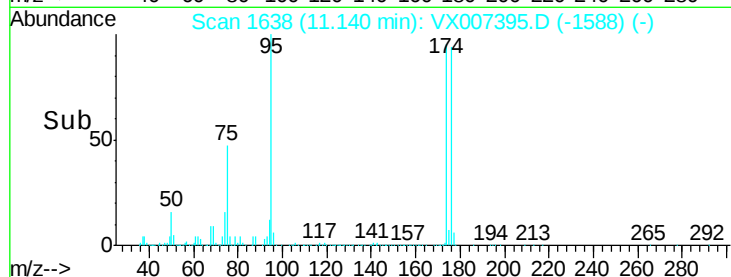
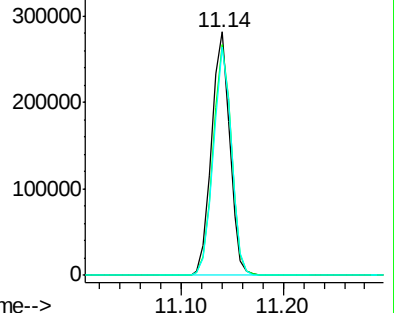
176 92.5 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007395.D

Acq: 06 Feb 2019 13:18

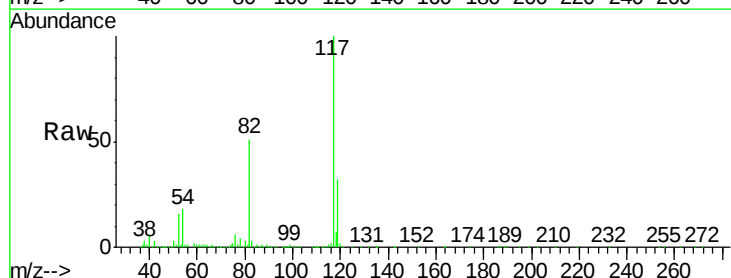
Tgt Ion: 117 Resp: 760289

Ion Ratio Lower Upper

117 100

82 50.7 42.1 63.1

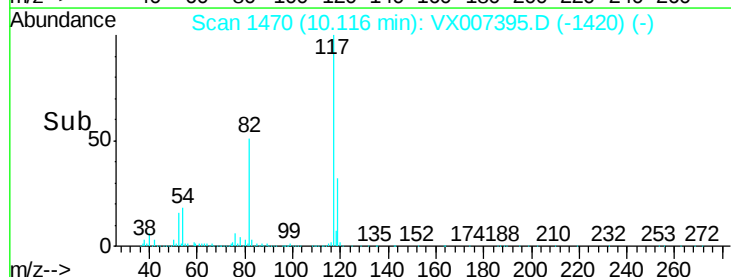
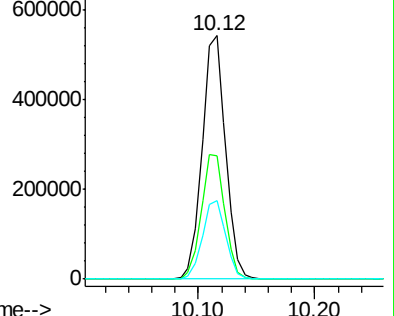
119 32.3 26.5 39.7

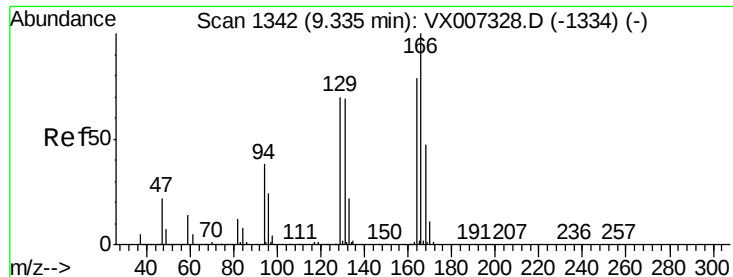


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

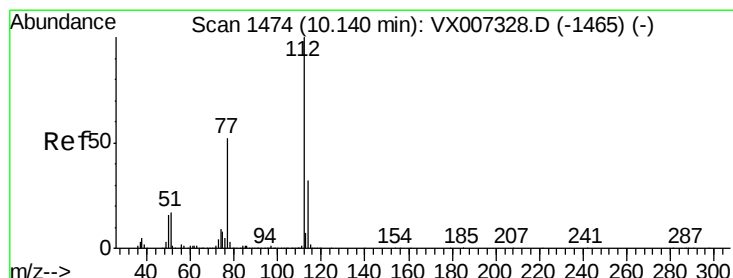
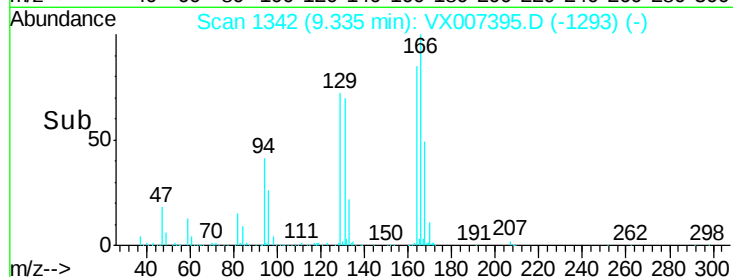
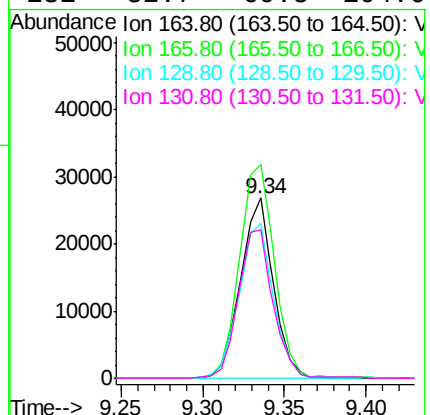
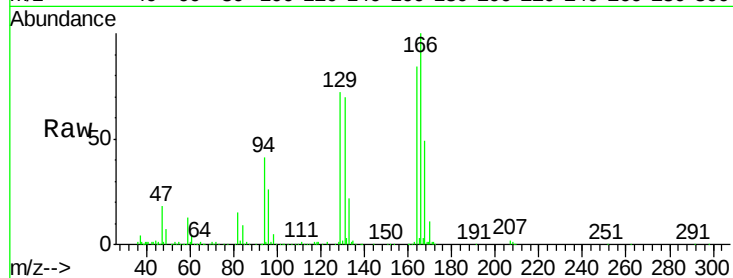




#64
Tetrachloroethene
Concen: 5.238 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007395.D
Acq: 06 Feb 2019 13:18

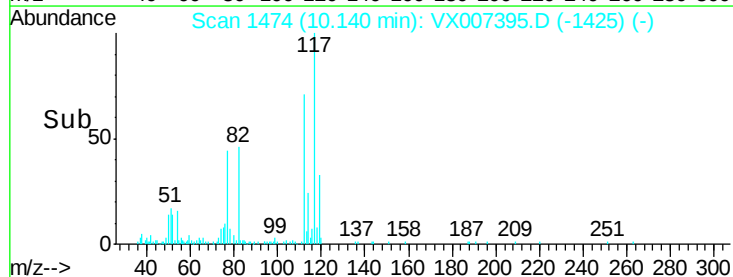
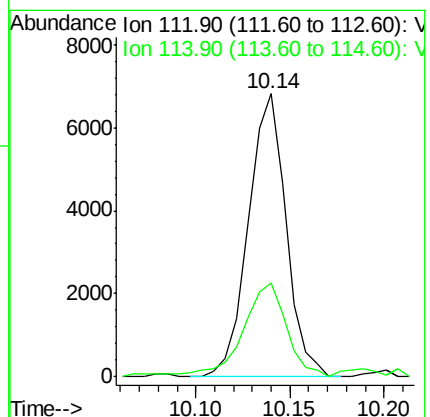
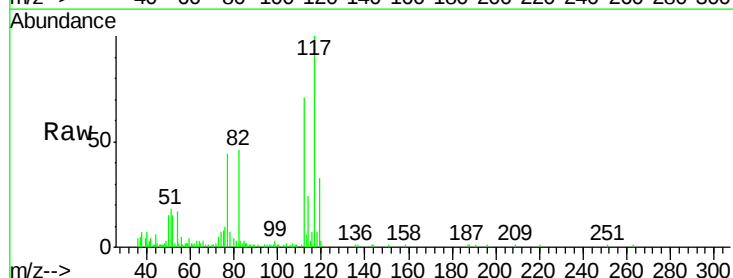
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190204

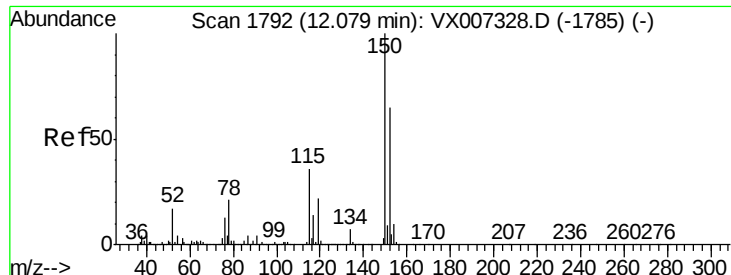
Tot Ion:164 Resp: 37533
Ion Ratio Lower Upper
164 100
166 118.6 101.0 151.4
129 85.9 70.5 105.7
131 82.7 69.8 104.6



#65
Chlorobenzene
Concen: 0.568 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007395.D
Acq: 06 Feb 2019 13:18

Tgt Ion:112 Resp: 9430
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007395.D

Acq: 06 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

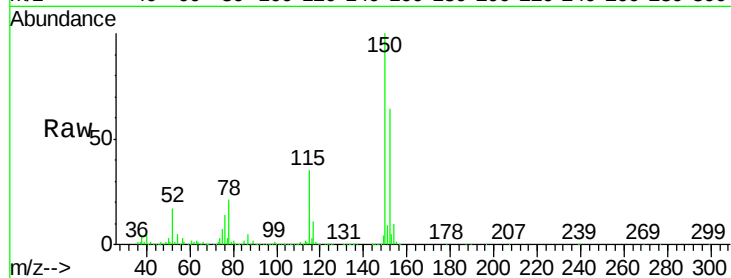
Tot Ion:152 Resp: 387109

Ion Ratio Lower Upper

152 100

115 54.2 38.0 114.0

150 156.6 0.0 346.4



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

