

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009010.D
 Acq On : 17 Apr 2019 13:27
 Operator : JC/SP
 Sample : K2425-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-190415

Quant Time: Apr 18 02:01:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

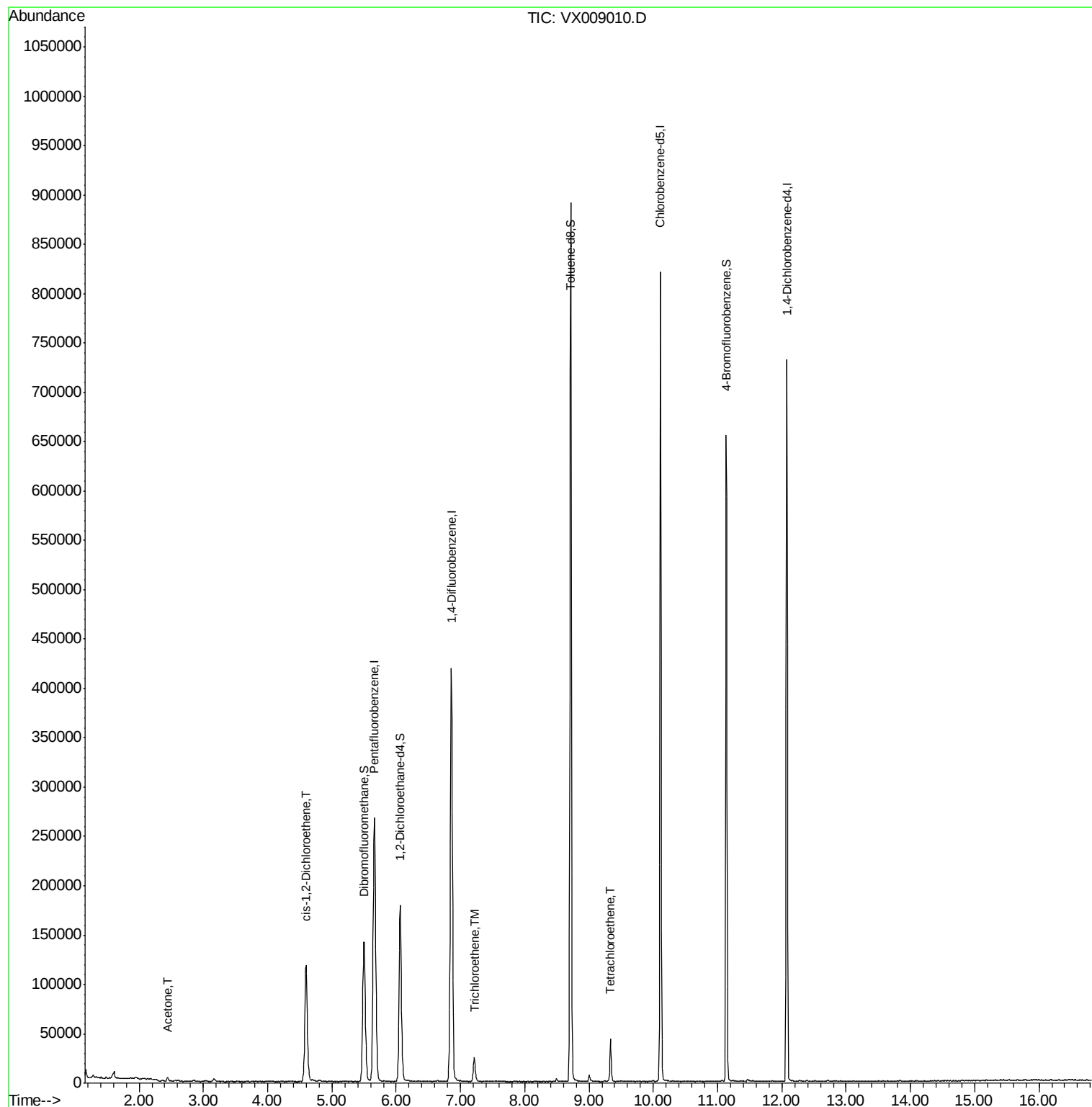
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	409644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	356650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168045	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
35) Dibromofluoromethane	5.49	113	122701	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
50) Toluene-d8	8.71	98	512909	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.13	95	171596	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	2.44	43	4355	2.294	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	74795	22.169	ug/l	90
44) Trichloroethene	7.21	130	9181	2.998	ug/l	100
64) Tetrachloroethene	9.34	164	8475	3.128	ug/l	95

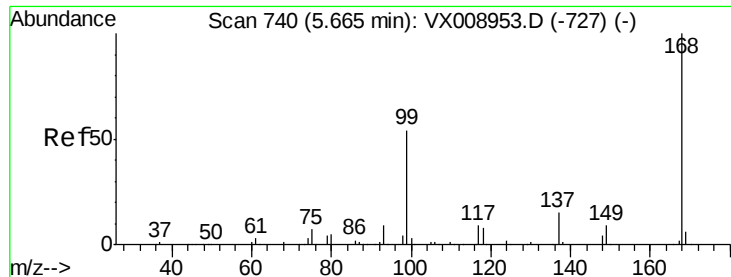
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009010.D

Acq: 17 Apr 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

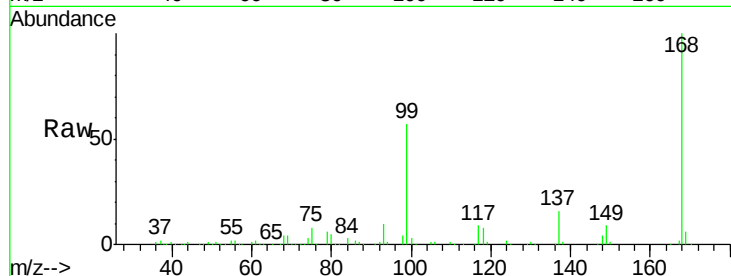
KY038PS035-190415

Tot Ion:168 Resp: 259795

Ion Ratio Lower Upper

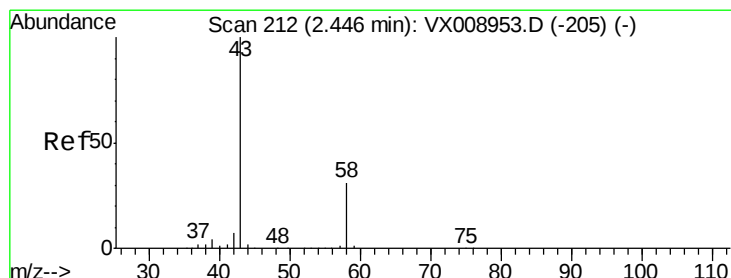
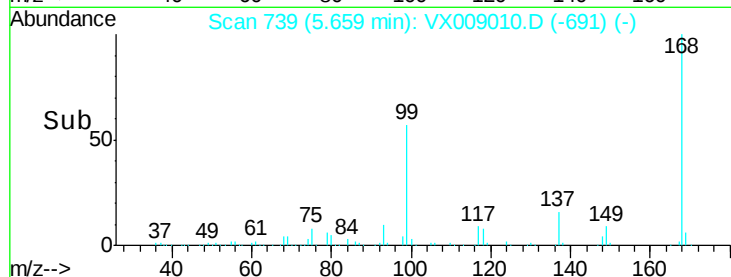
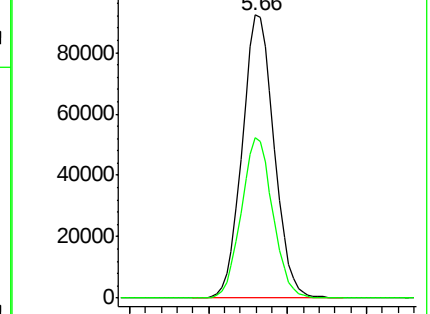
168 100

99 56.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.294 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009010.D

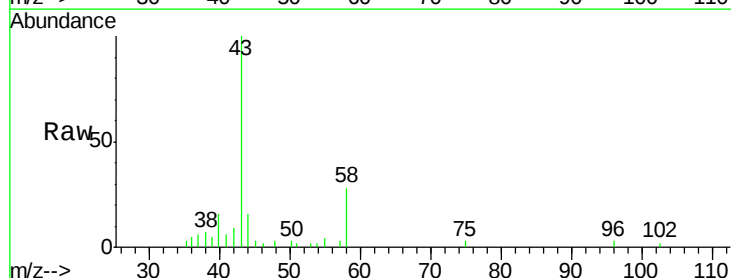
Acq: 17 Apr 2019 13:27

Tgt Ion: 43 Resp: 4355

Ion Ratio Lower Upper

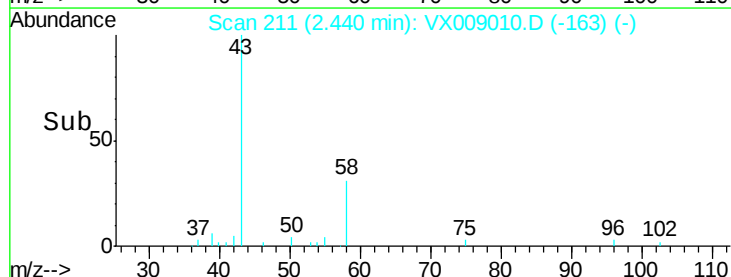
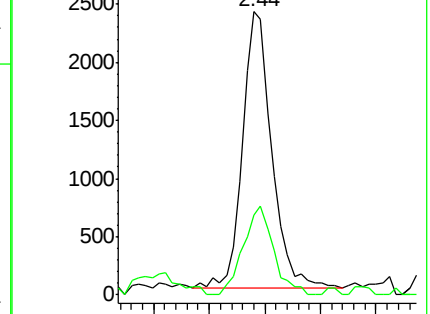
43 100

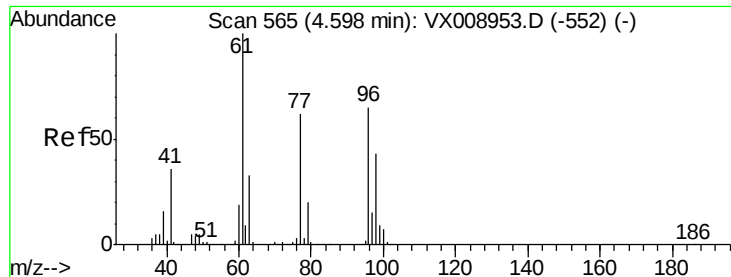
58 29.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



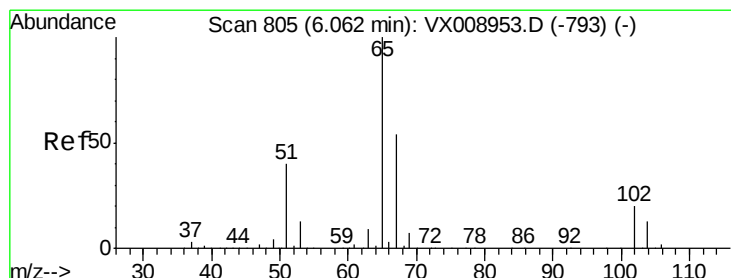
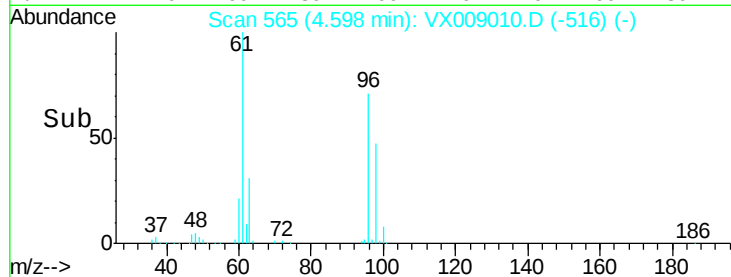
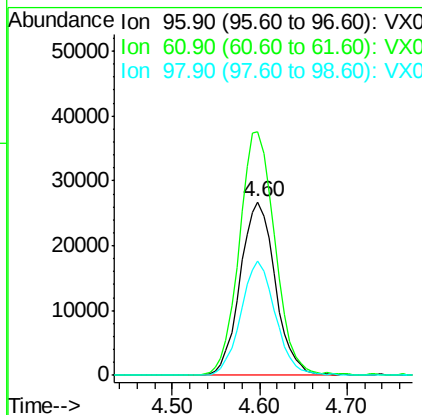
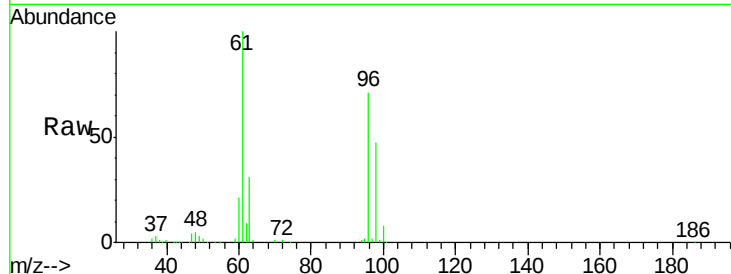


#27

cis-1,2-Dichloroethene
 Concen: 22.169 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009010.D
 Acq: 17 Apr 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-190415

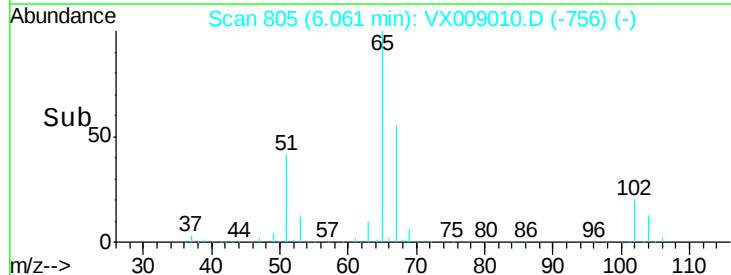
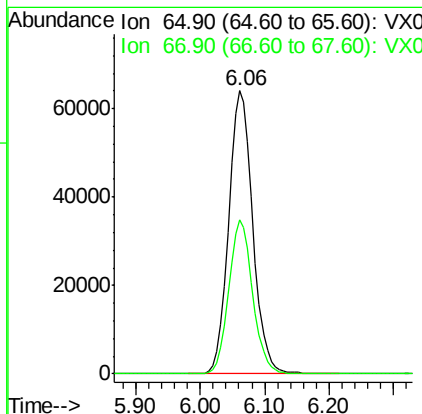
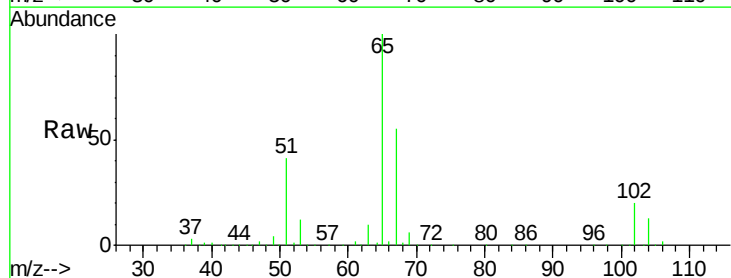
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	322.0
98	64.5	0.0	128.4

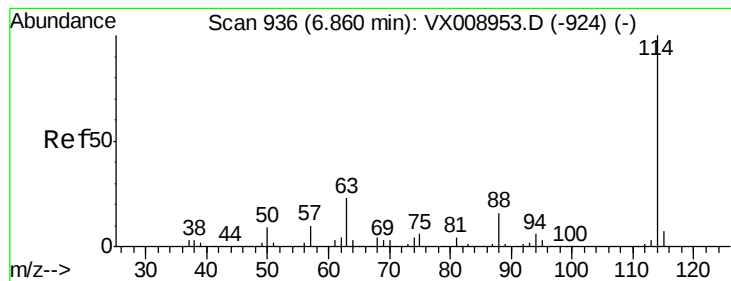


#33

1,2-Dichloroethane-d4
 Concen: 45.898 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009010.D
 Acq: 17 Apr 2019 13:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009010.D

Acq: 17 Apr 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-190415

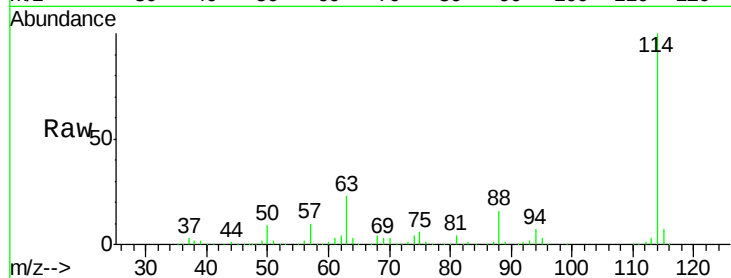
Tot Ion:114 Resp: 409644

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

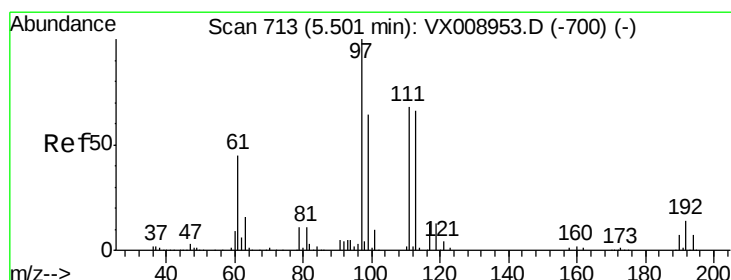
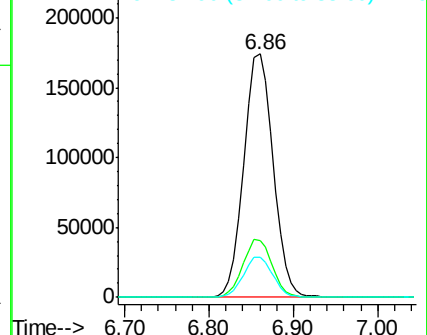
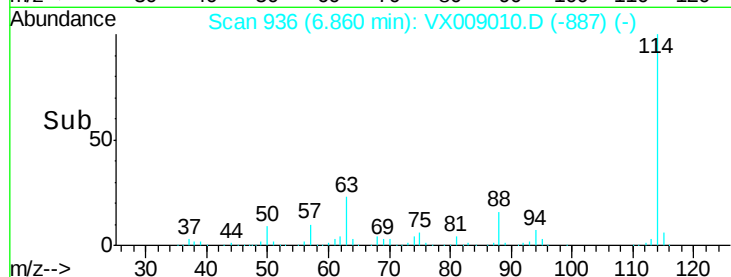
88 16.4 0.0 32.6



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: 46.672 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009010.D

Acq: 17 Apr 2019 13:27

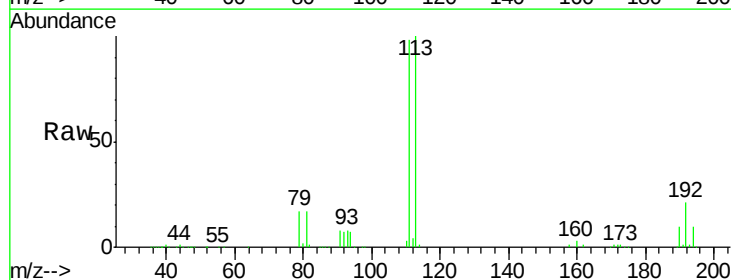
Tgt Ion:113 Resp: 122701

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

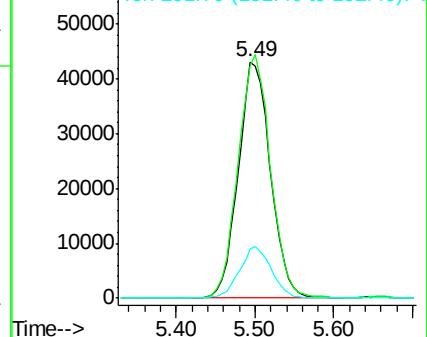
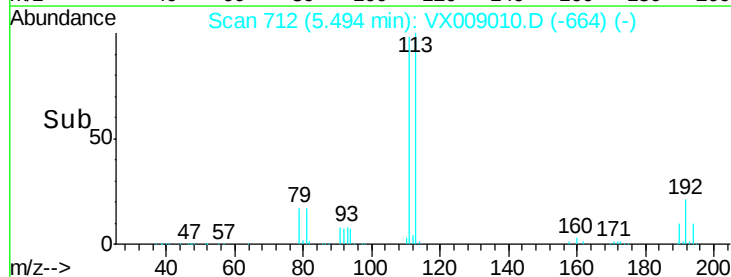
192 21.5 17.4 26.0

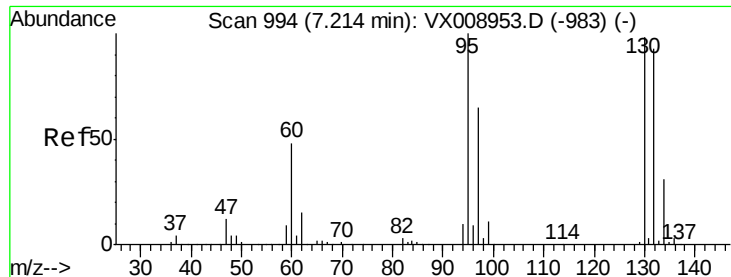


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.998 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009010.D

Acq: 17 Apr 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

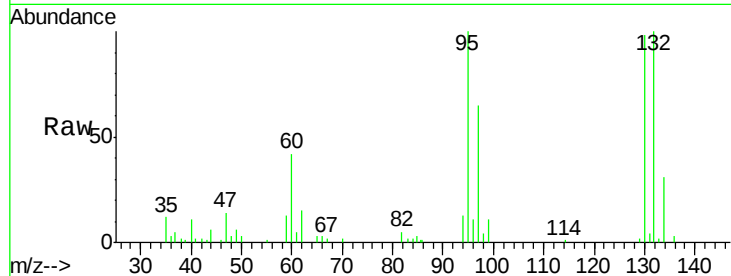
KY038PS035-190415

Tot Ion:130 Resp: 9181

Ion Ratio Lower Upper

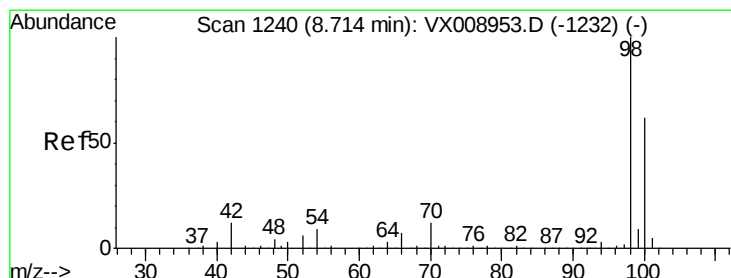
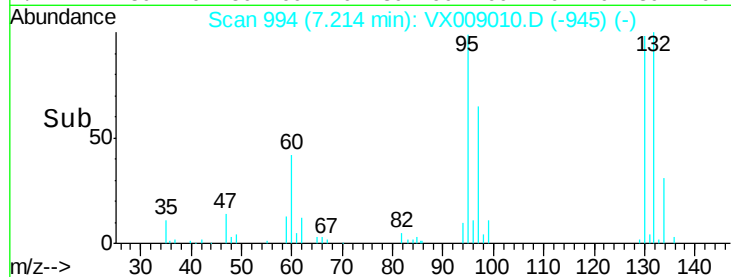
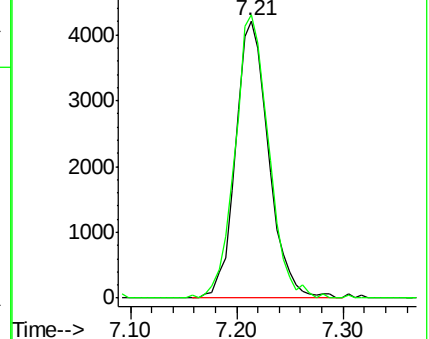
130 100

95 102.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.920 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009010.D

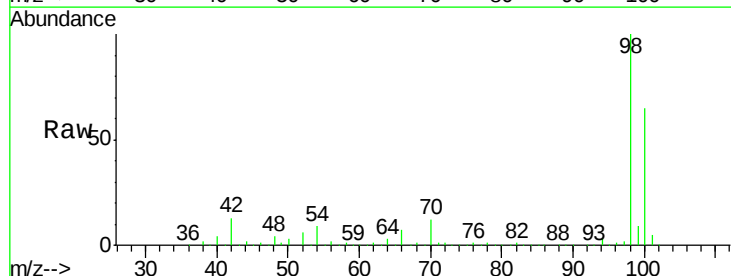
Acq: 17 Apr 2019 13:27

Tgt Ion: 98 Resp: 512909

Ion Ratio Lower Upper

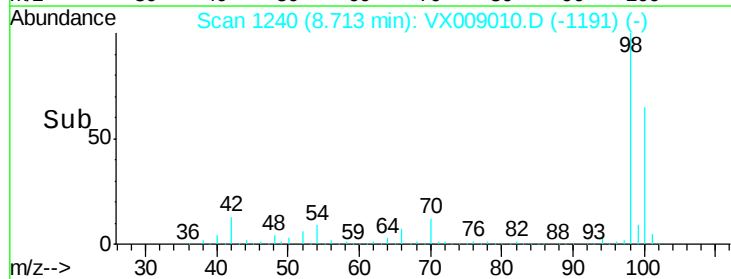
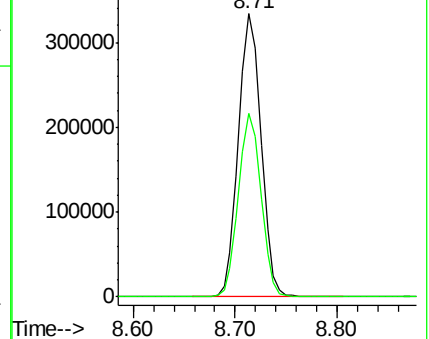
98 100

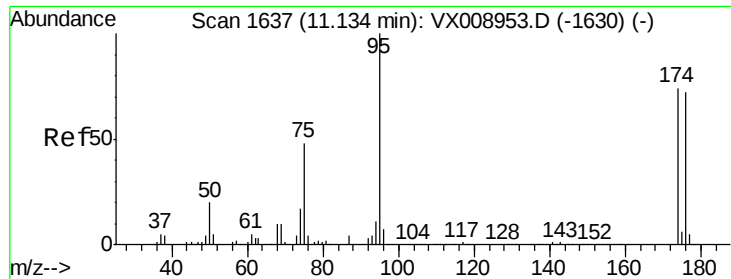
100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.364 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009010.D

Acq: 17 Apr 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-190415

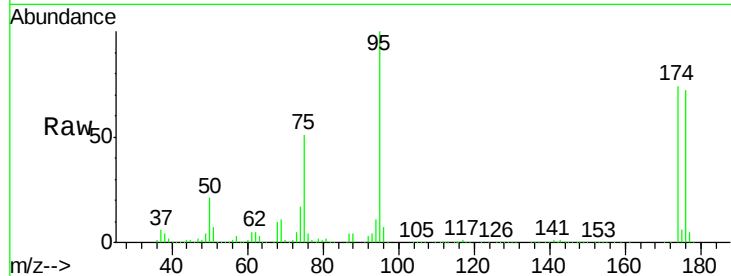
Tot Ion: 95 Resp: 171596

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.6

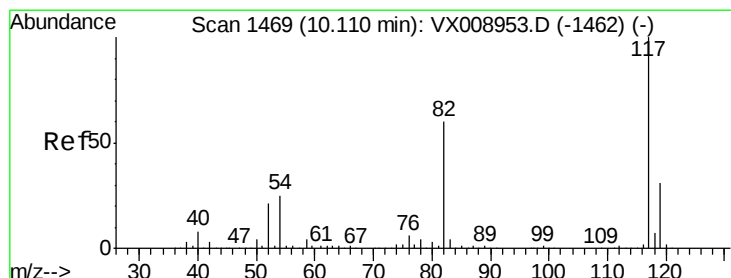
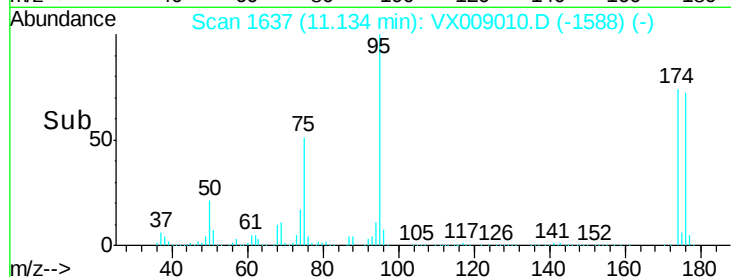
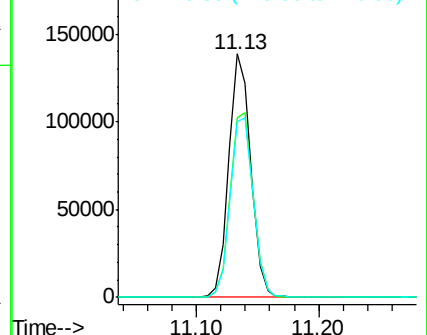
176 77.3 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009010.D

Acq: 17 Apr 2019 13:27

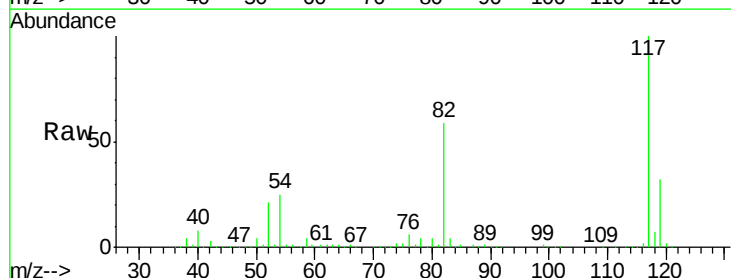
Tgt Ion: 117 Resp: 356650

Ion Ratio Lower Upper

117 100

82 59.2 48.2 72.4

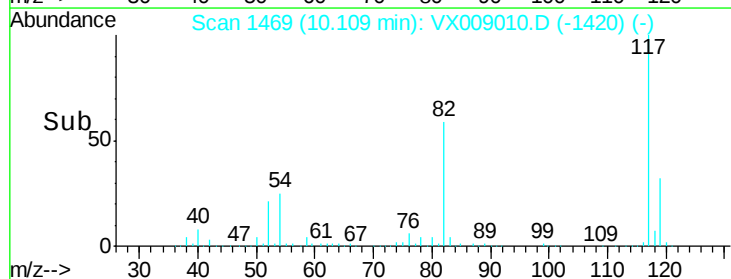
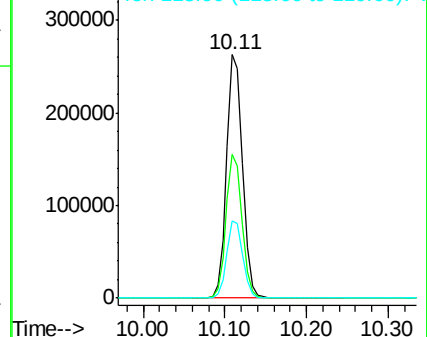
119 31.6 25.0 37.6

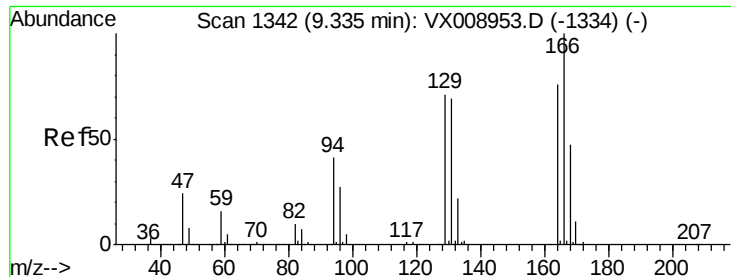


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

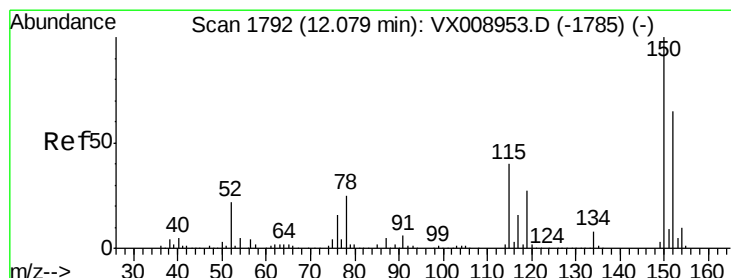
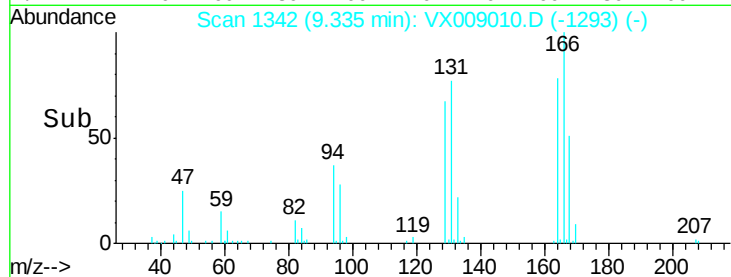
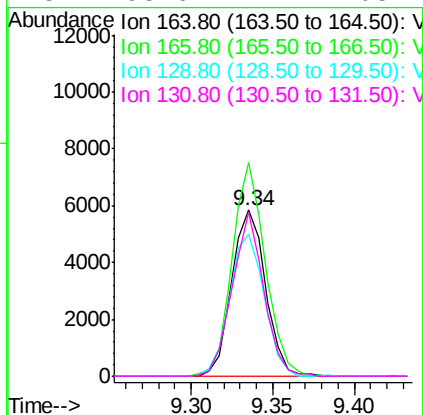
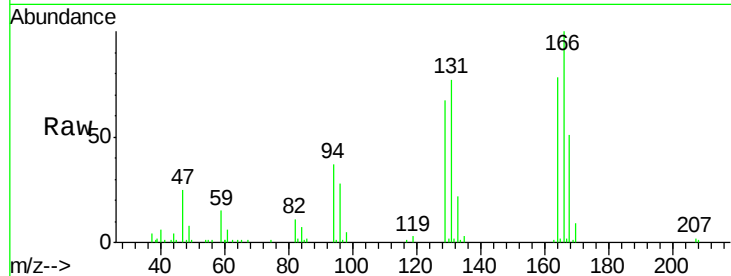




#64
Tetrachloroethene
Concen: 3.128 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009010.D
Acq: 17 Apr 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
KY038PS035-190415

Tot Ion:164 Resp: 8475
Ion Ratio Lower Upper
164 100
166 128.8 105.0 157.4
129 86.0 74.2 111.4
131 98.6 72.2 108.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009010.D
Acq: 17 Apr 2019 13:27

Tgt Ion:152 Resp: 151130
Ion Ratio Lower Upper
152 100
115 58.6 41.4 124.2
150 157.2 0.0 349.8

