

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008114.D
 Acq On : 15 Mar 2019 19:03
 Operator : JC/SP
 Sample : K1829-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-MW16-001-M20W2-030419

Quant Time: Mar 16 01:28:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

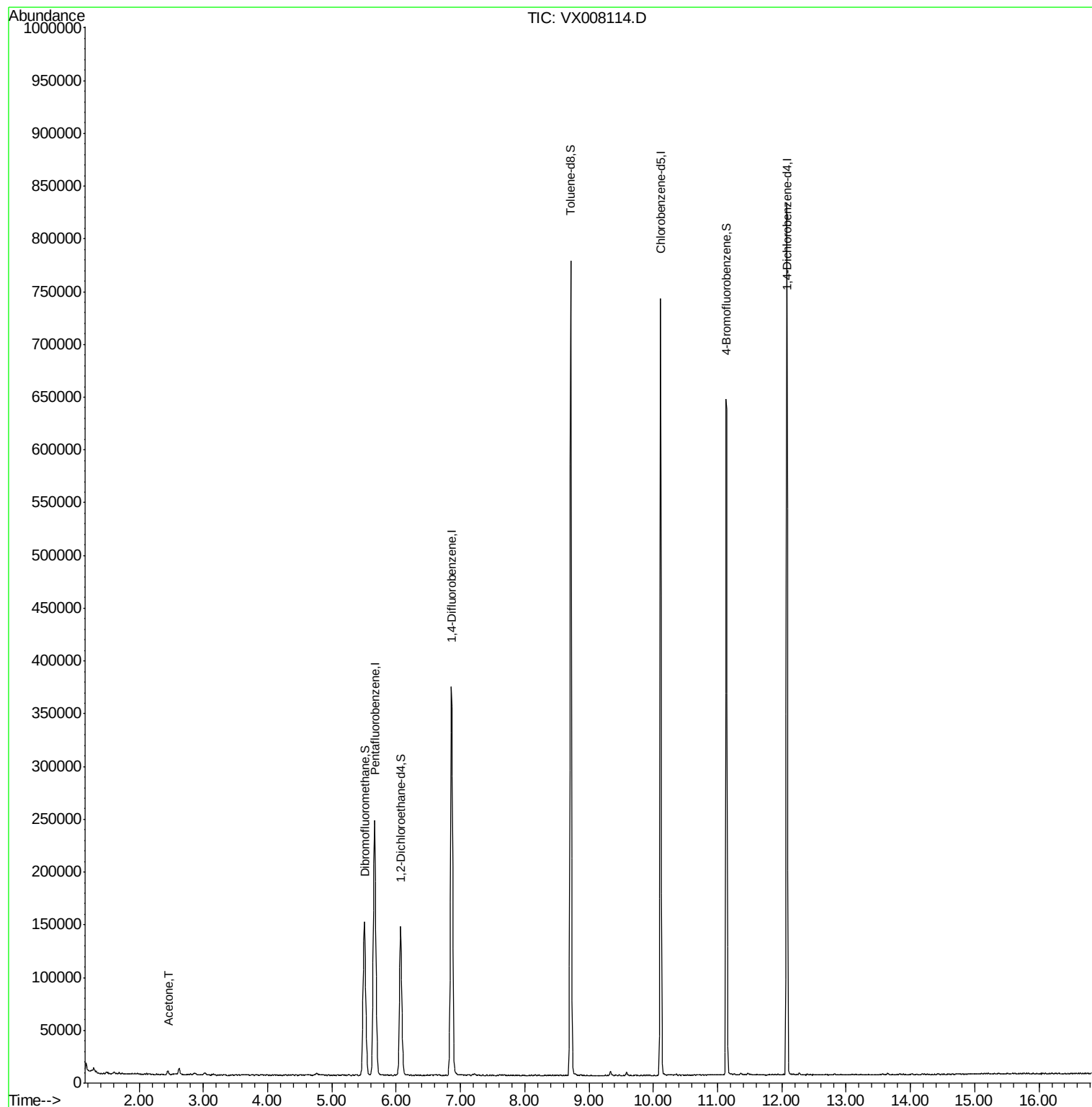
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	131534	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	127478	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	8.71	98	468371	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	172996	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
16) Acetone	2.45	43	3625	2.904	ug/l	Qvalue 94

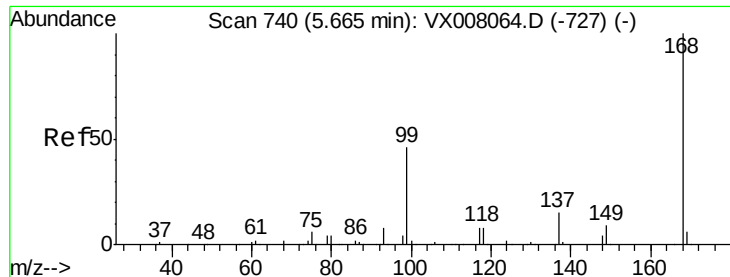
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008114.D

Acq: 15 Mar 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

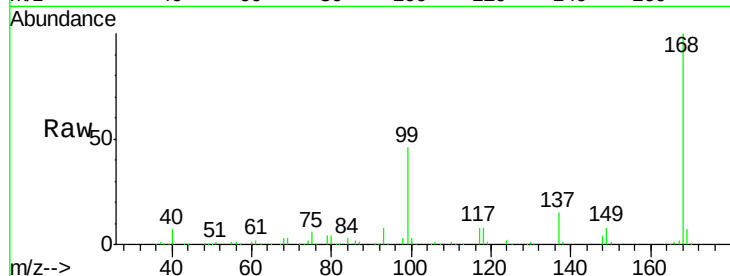
CPA-MW16-001-M20W2-030419

Tot Ion:168 Resp: 262148

Ion Ratio Lower Upper

168 100

99 46.3 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

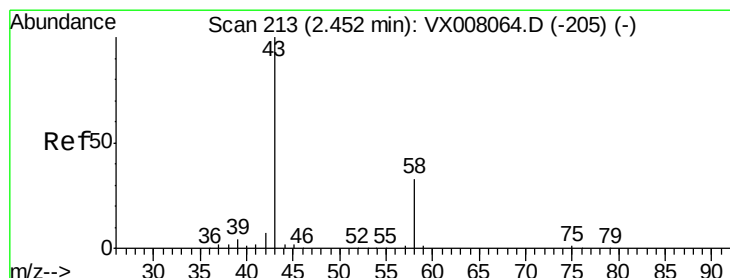
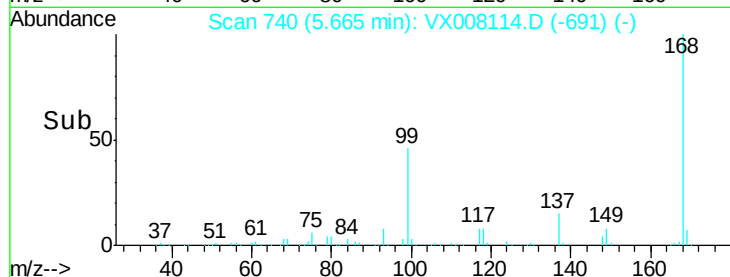
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 2.904 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX008114.D

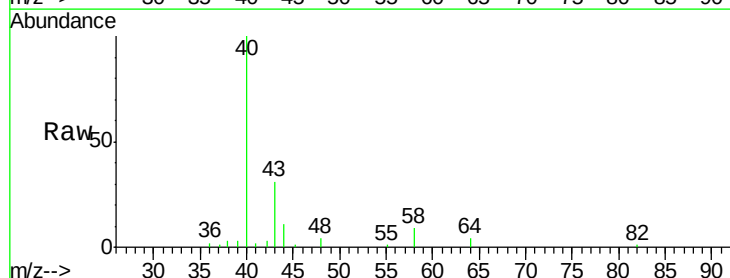
Acq: 15 Mar 2019 19:03

Tgt Ion: 43 Resp: 3625

Ion Ratio Lower Upper

43 100

58 28.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

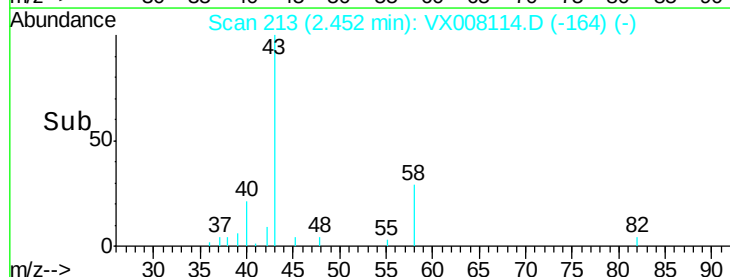
1000

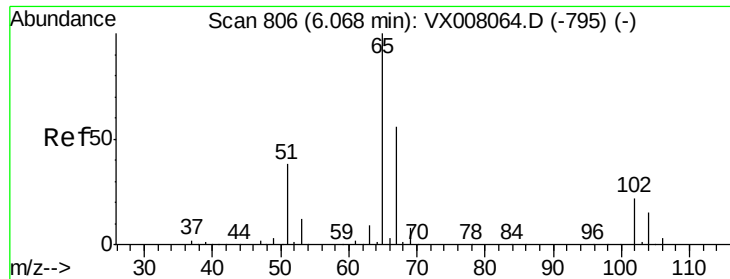
500

0

Time-->

2.40 2.45 2.50

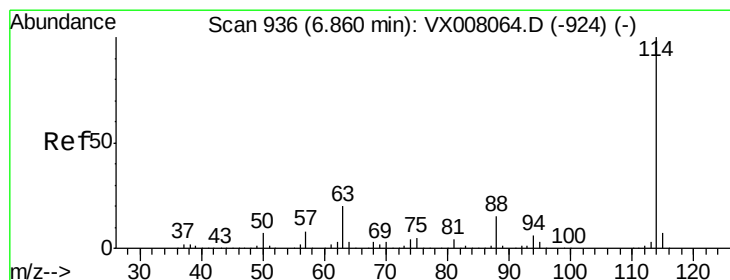
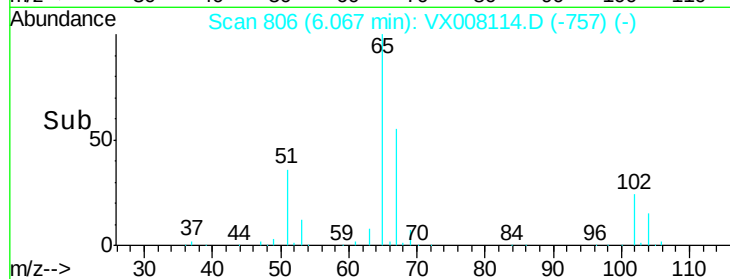
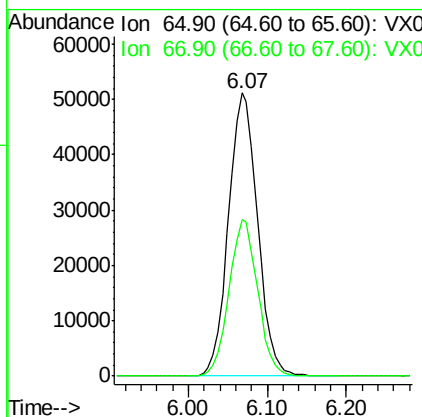
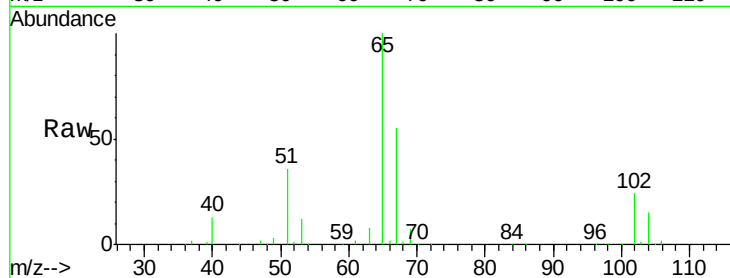




#33
 1,2-Dichloroethane-d4
 Concen: 49.741 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008114.D
 Acq: 15 Mar 2019 19:03

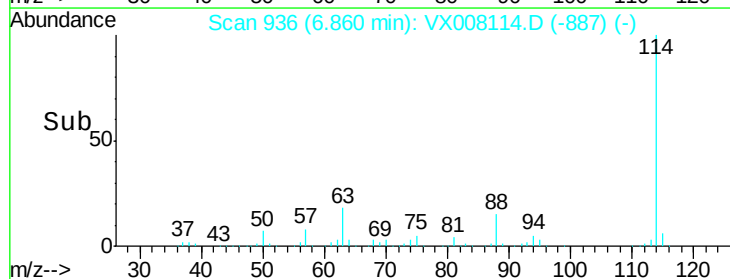
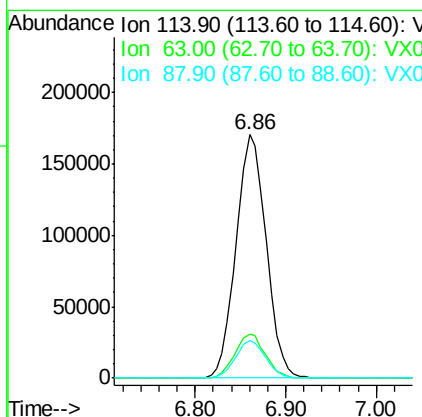
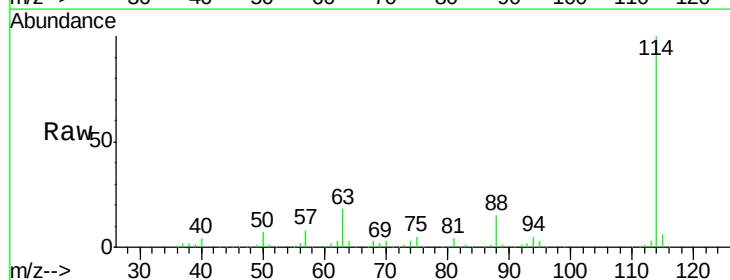
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-MW16-001-M20W2-030419

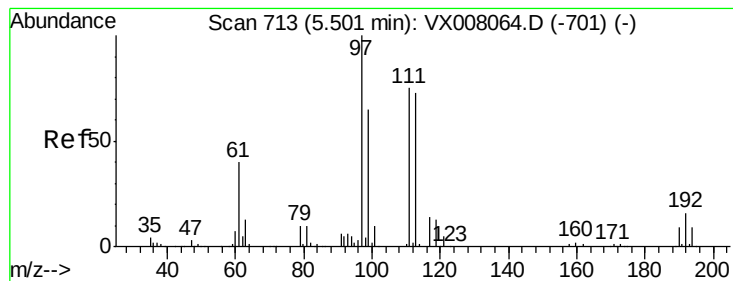
Tot Ion: 65 Resp: 131534
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008114.D
 Acq: 15 Mar 2019 19:03

Tgt Ion: 114 Resp: 393553
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.079 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008114.D

Acq: 15 Mar 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

CPA-MW16-001-M20W2-030419

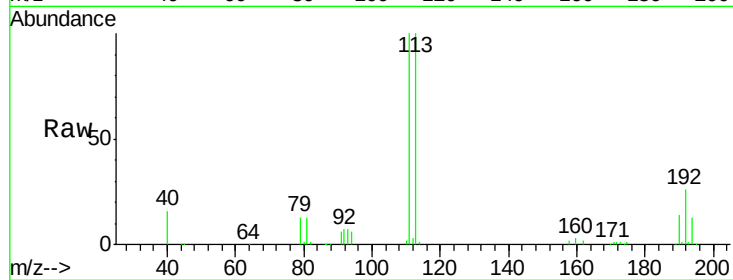
Tot Ion:113 Resp: 127478

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

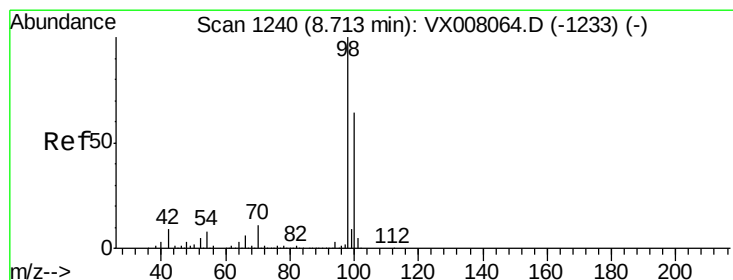
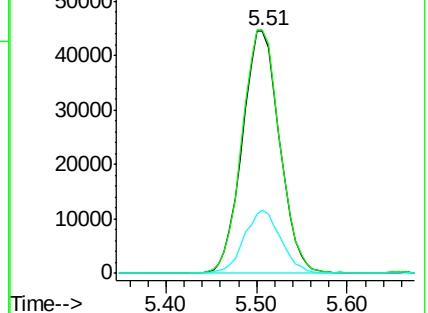
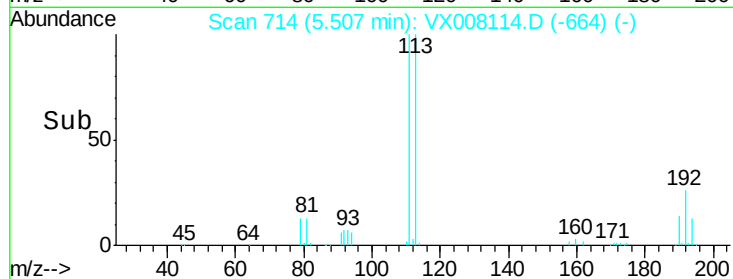
192 25.4 19.4 29.0



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



#50

Toluene-d8

Concen: 49.344 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008114.D

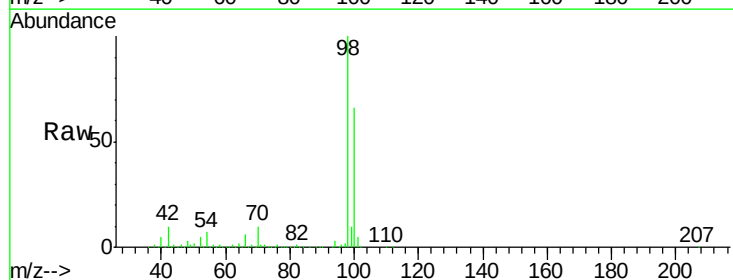
Acq: 15 Mar 2019 19:03

Tgt Ion: 98 Resp: 468371

Ion Ratio Lower Upper

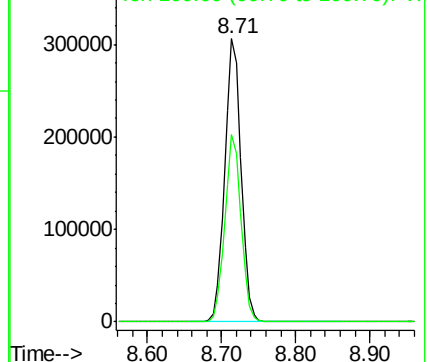
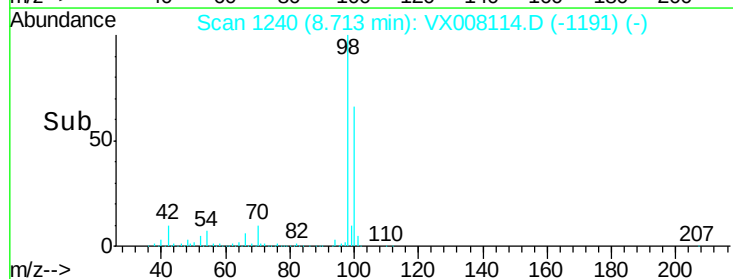
98 100

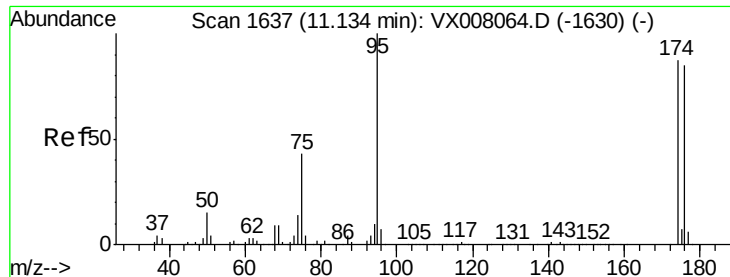
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

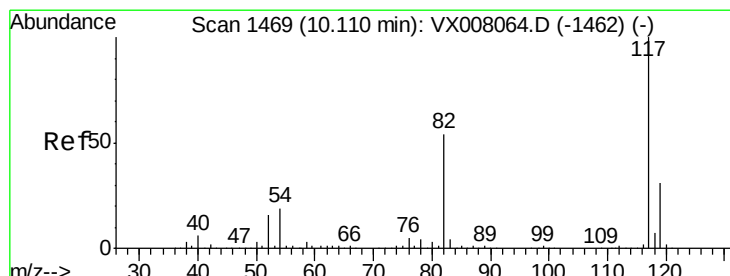
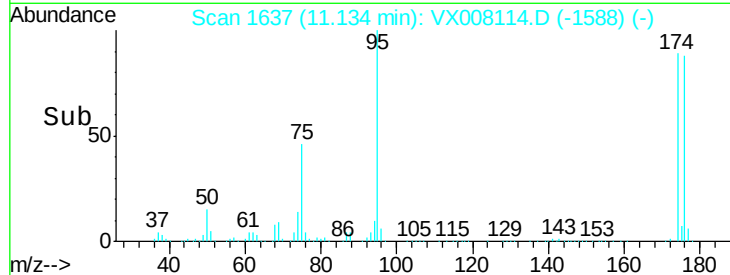
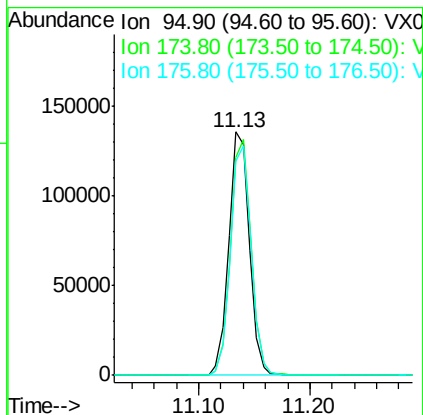
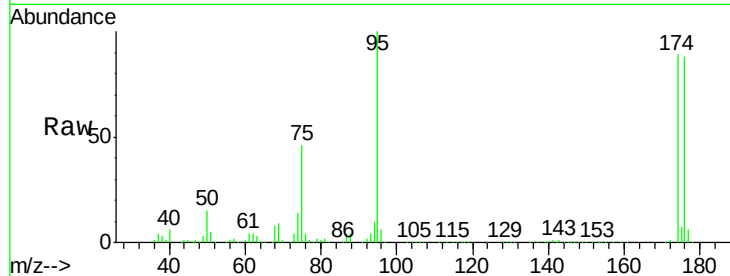




#62
4-Bromofluorobenzene
Concen: 50.876 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008114.D
Acq: 15 Mar 2019 19:03

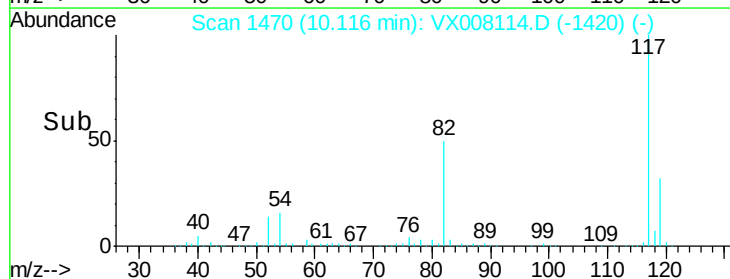
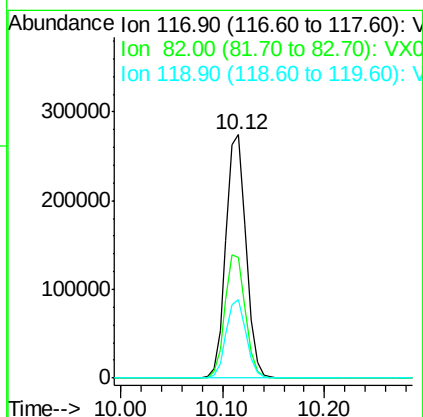
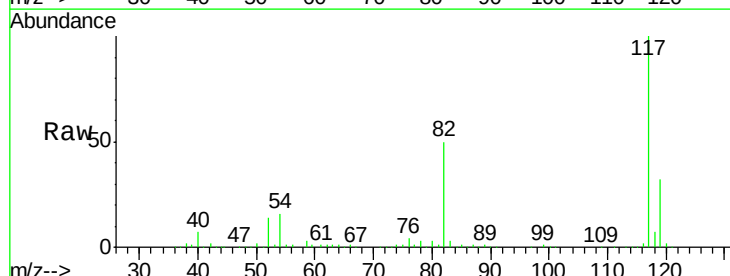
Instrument :
MSVOA_X
ClientSampleId :
CPA-MW16-001-M20W2-030419

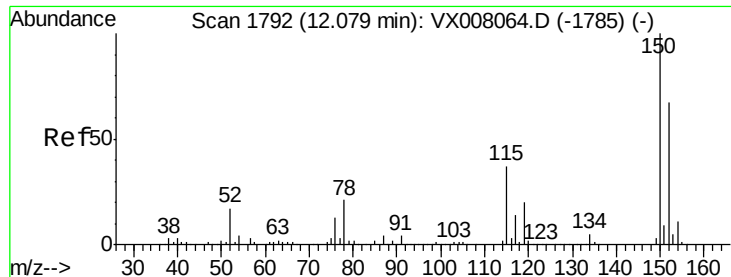
Tot Ion: 95 Resp: 172996
Ion Ratio Lower Upper
95 100
174 97.3 0.0 182.8
176 94.9 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008114.D
Acq: 15 Mar 2019 19:03

Tgt Ion: 117 Resp: 374977
Ion Ratio Lower Upper
117 100
82 49.6 44.3 66.5
119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008114.D

Acq: 15 Mar 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

CPA-MW16-001-M20W2-030419

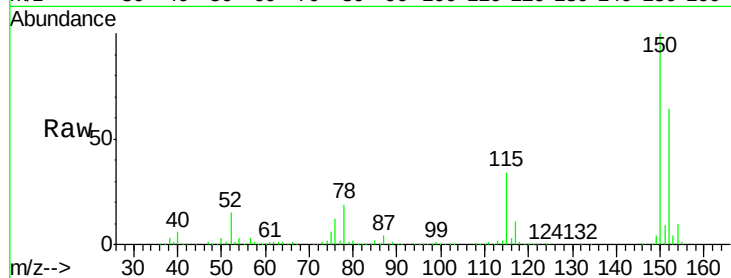
Tot Ion:152 Resp: 186389

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

150 156.8 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

