

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010456.D
 Acq On : 26 Jun 2019 12:39
 Operator : JC/SP
 Sample : K3527-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02D-M24W1-062019

Quant Time: Jun 27 02:24:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

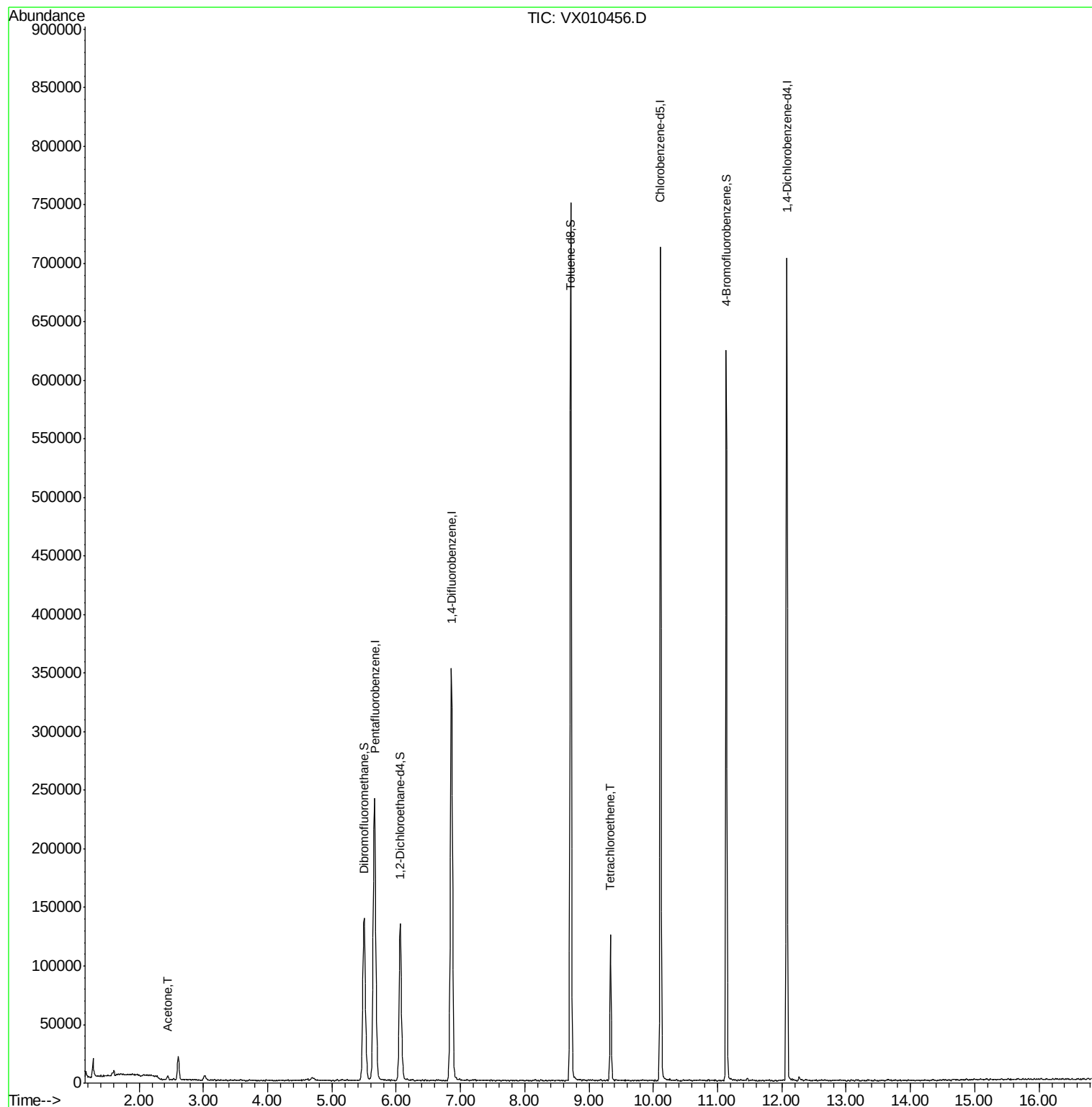
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120187	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	5.50	113	117584	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	461795	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	153245	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
16) Acetone	2.45	43	3656	3.045	ug/l	96
64) Tetrachloroethene	9.34	164	24994	8.779	ug/l	97

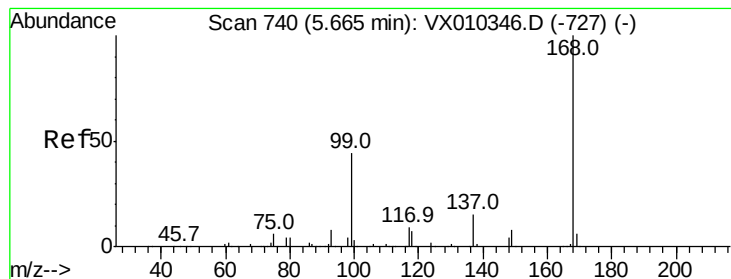
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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Acq: 26 Jun 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

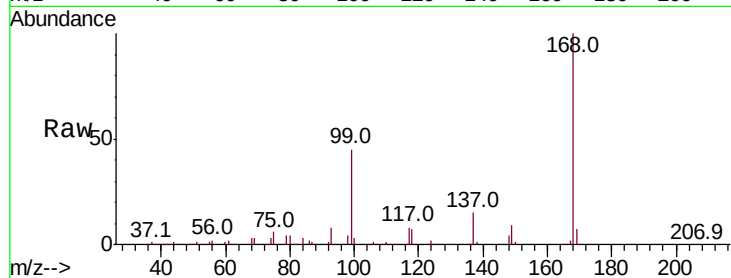
CPA-CPMW02D-M24W1-062019

Tot Ion:168 Resp: 255477

Ion Ratio Lower Upper

168 100

99 45.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

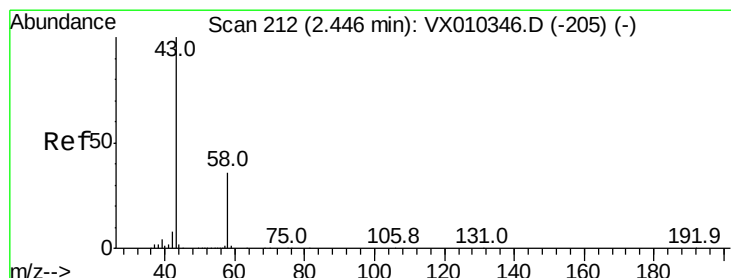
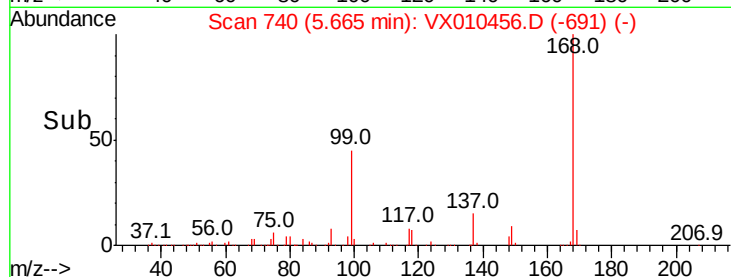
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.045 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010456.D

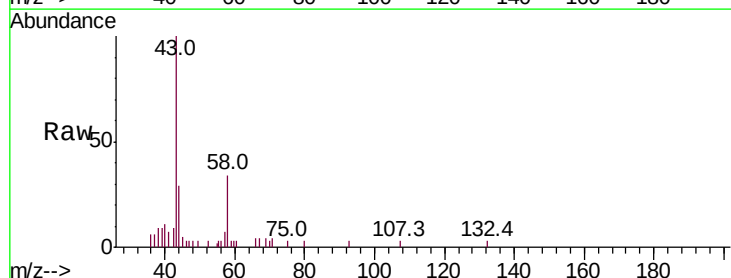
Acq: 26 Jun 2019 12:39

Tgt Ion: 43 Resp: 3656

Ion Ratio Lower Upper

43 100

58 33.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

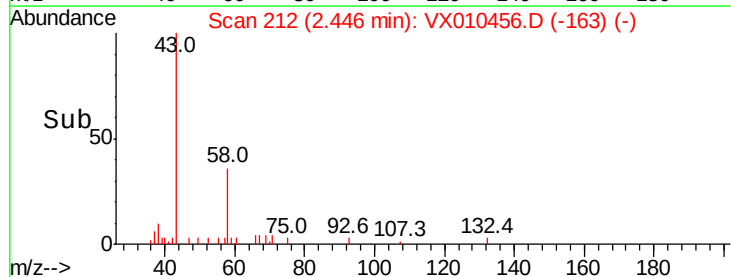
1500

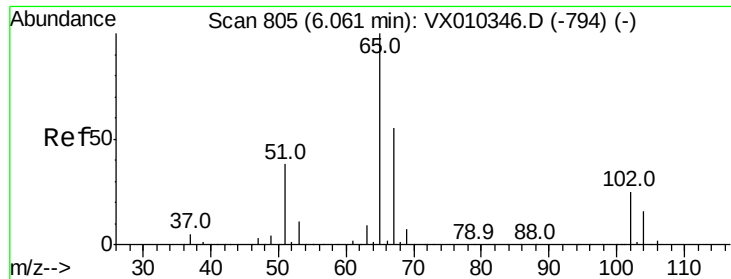
1000

500

0

Time--> 2.40 2.45 2.50

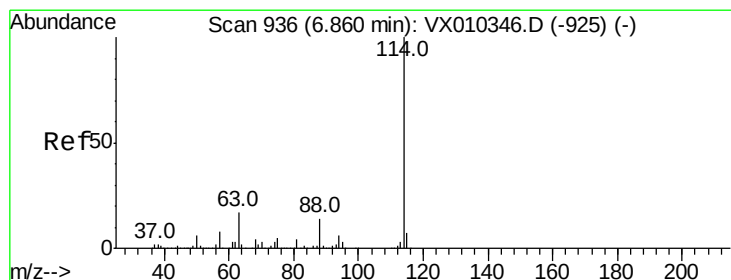
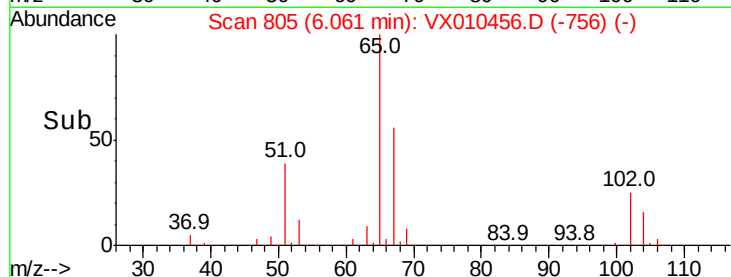
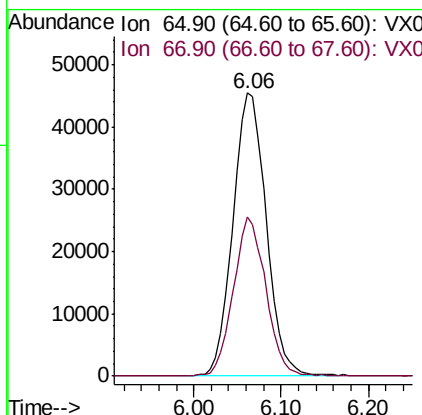
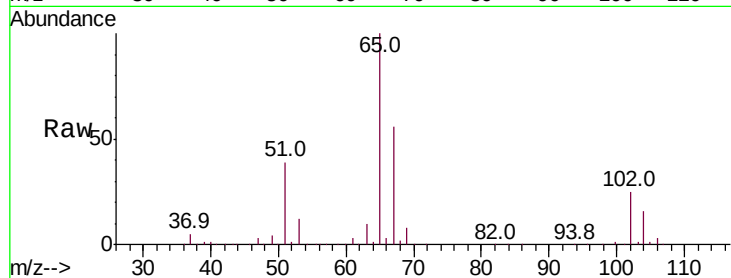




#33
 1,2-Dichloroethane-d4
 Concen: 50.175 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010456.D
 Acq: 26 Jun 2019 12:39

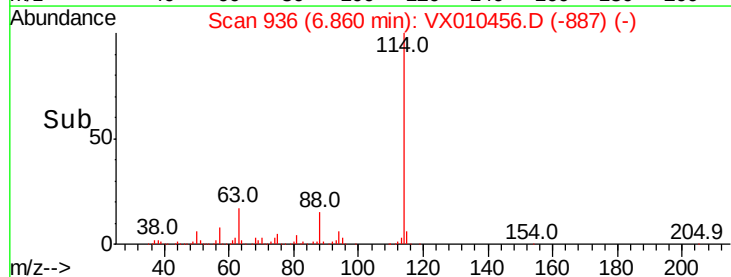
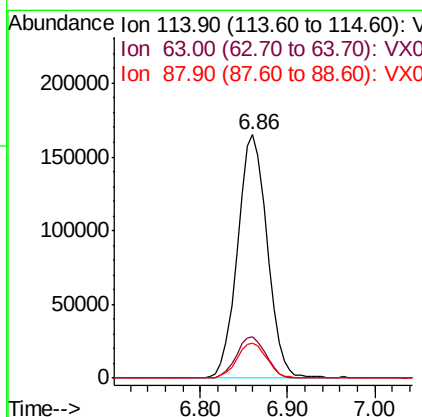
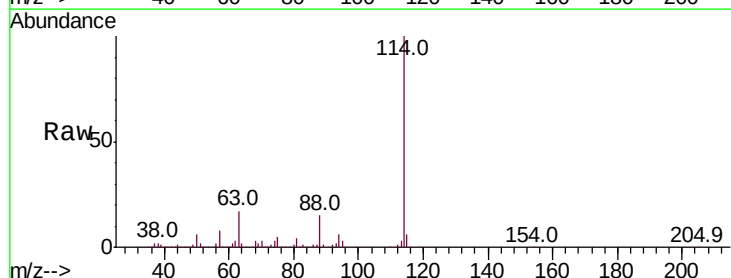
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02D-M24W1-062019

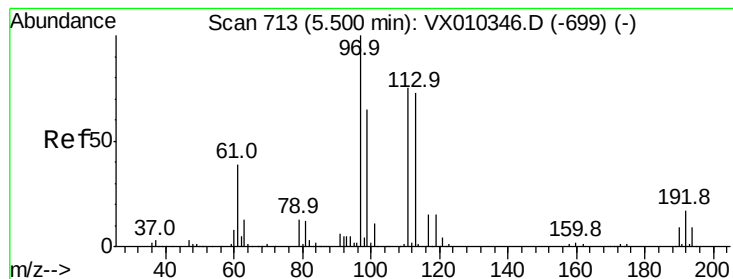
Tot Ion: 65 Resp: 120187
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010456.D
 Acq: 26 Jun 2019 12:39

Tgt Ion:114 Resp: 388881
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.6 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.419 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010456.D

Acq: 26 Jun 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02D-M24W1-062019

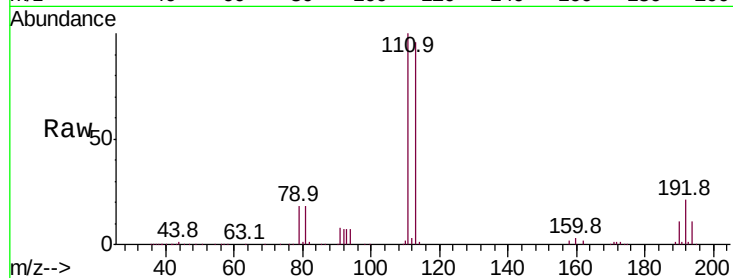
Tot Ion:113 Resp: 117584

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

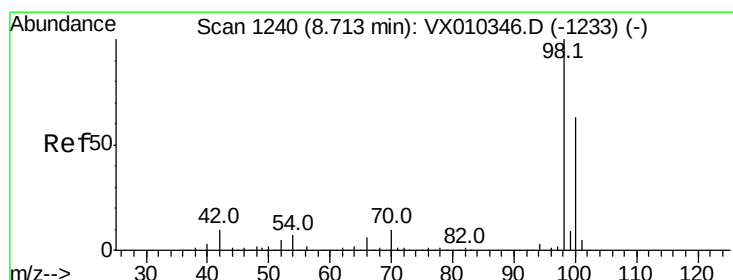
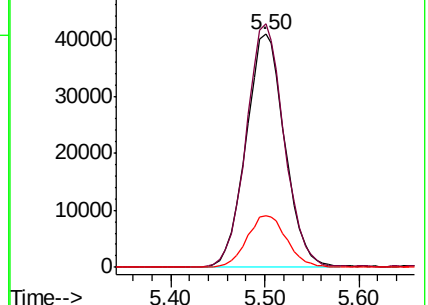
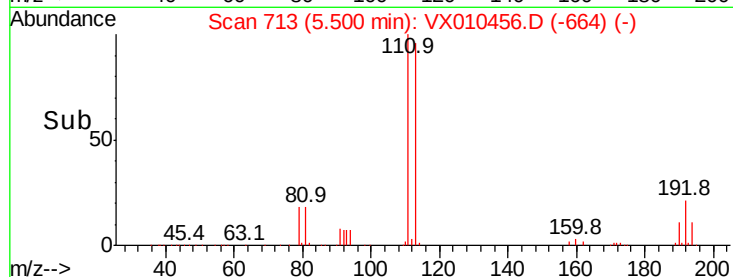
192 22.8 18.6 27.8



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: 50.731 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010456.D

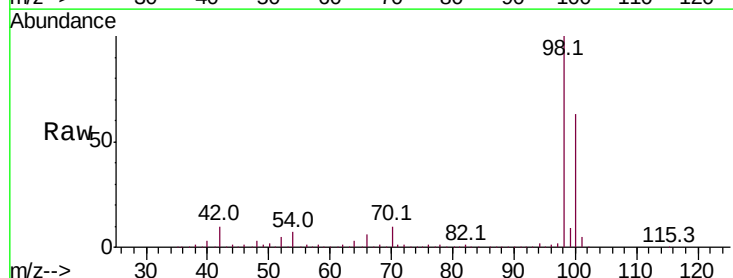
Acq: 26 Jun 2019 12:39

Tgt Ion: 98 Resp: 461795

Ion Ratio Lower Upper

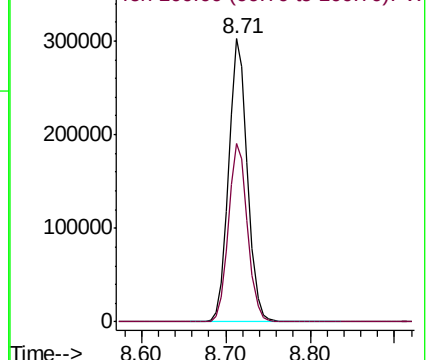
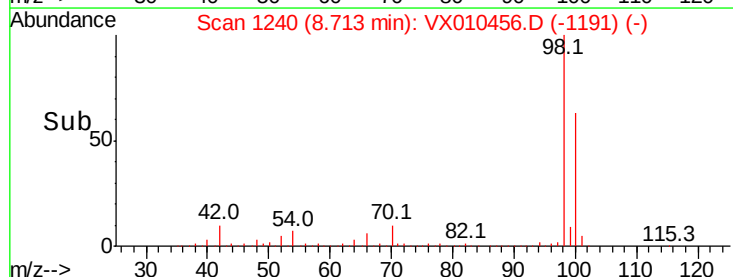
98 100

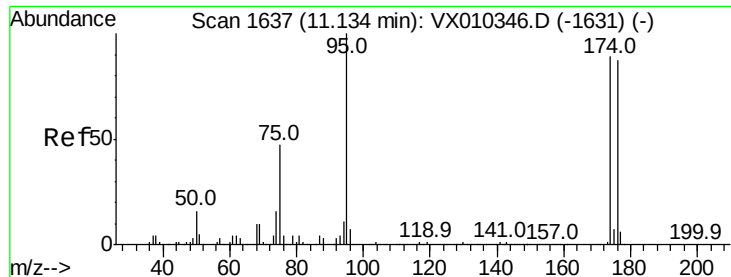
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.631 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010456.D

Acq: 26 Jun 2019 12:39

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02D-M24W1-062019

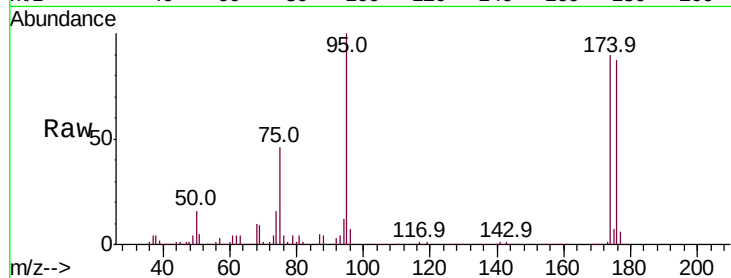
Tot Ion: 95 Resp: 153245

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.6

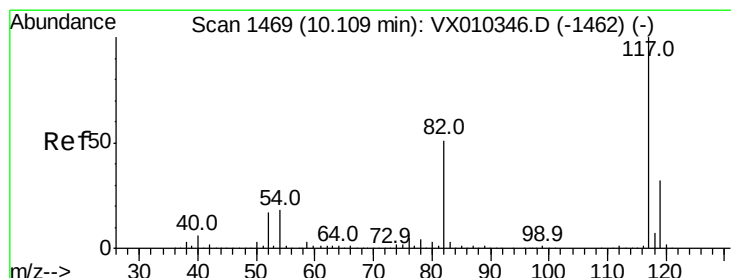
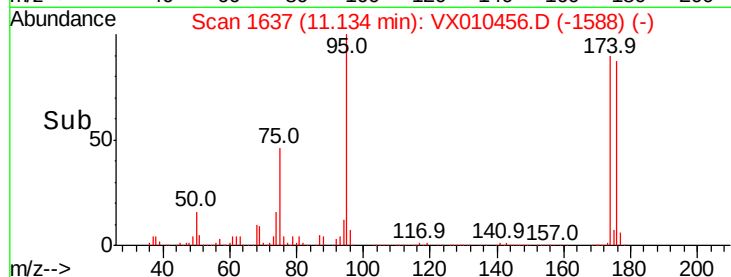
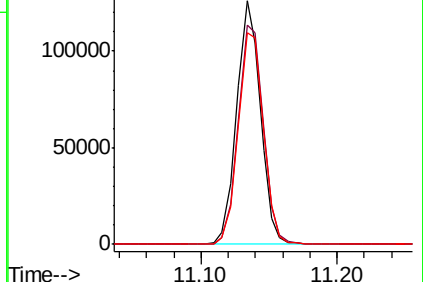
176 92.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010456.D

Acq: 26 Jun 2019 12:39

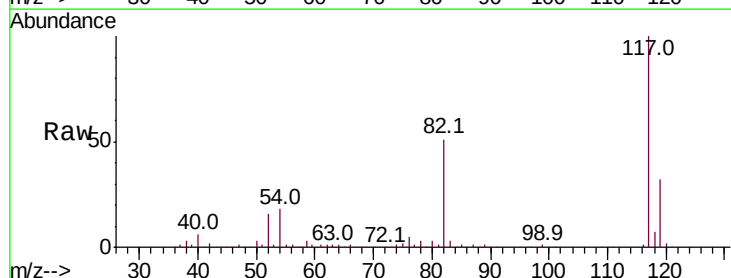
Tgt Ion: 117 Resp: 351981

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

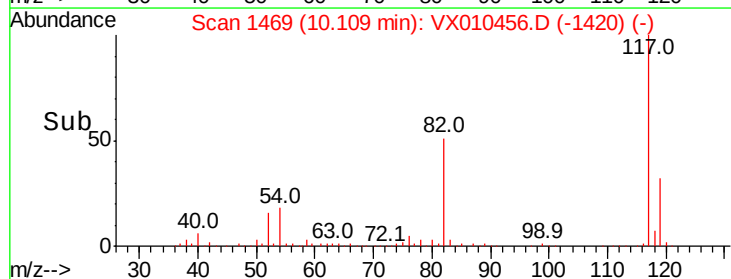
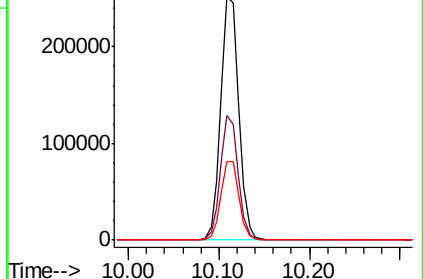
119 32.0 25.5 38.3

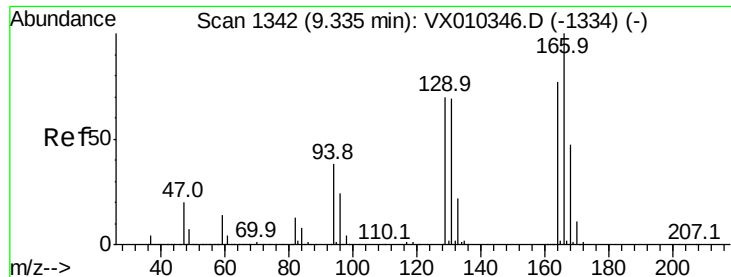


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#64

Tetrachloroethene

Concen: 8.779 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010456.D

Acq: 26 Jun 2019 12:39

Instrument :

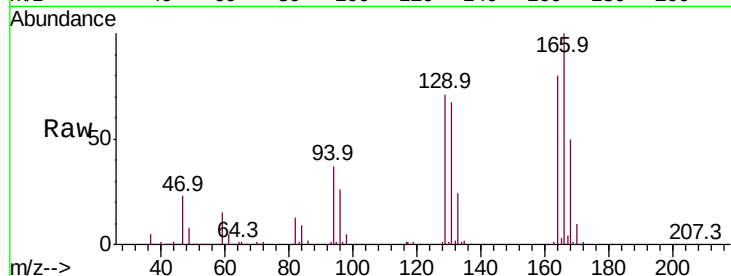
MSVOA_X

ClientSampleId :

CPA-CPMW02D-M24W1-062019

Tot Ion:164 Resp: 24994

Ion	Ratio	Lower	Upper
164	100		
166	125.7	103.6	155.4
129	89.7	73.0	109.4
131	83.6	71.0	106.4

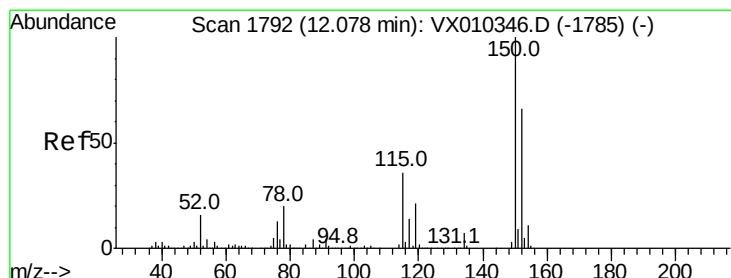
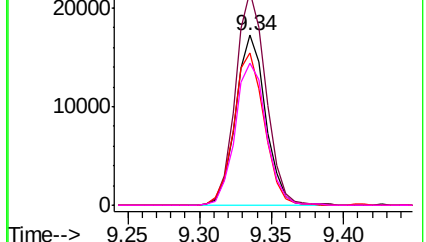
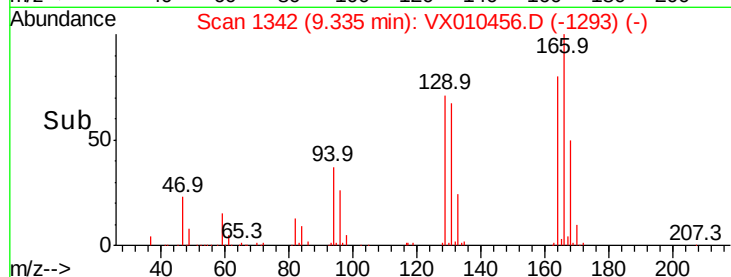


Abundance Ion 163.80 (163.50 to 164.50): V

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

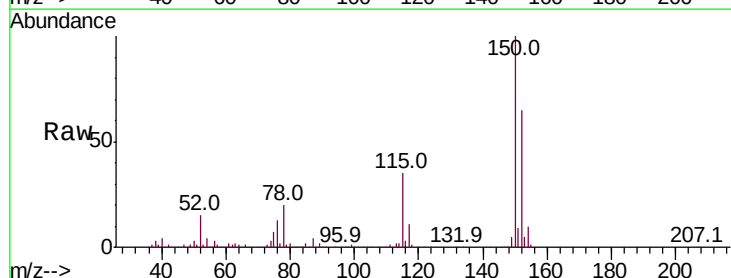
Delta R.T. 0.00 min

Lab File: VX010456.D

Acq: 26 Jun 2019 12:39

Tgt Ion:152 Resp: 158844

Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.6	115.7
150	156.9	0.0	347.4



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

