

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010465.D
 Acq On : 26 Jun 2019 16:09
 Operator : JC/SP
 Sample : K3527-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW09S-M24W1-062219

Quant Time: Jun 27 03:11:35 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

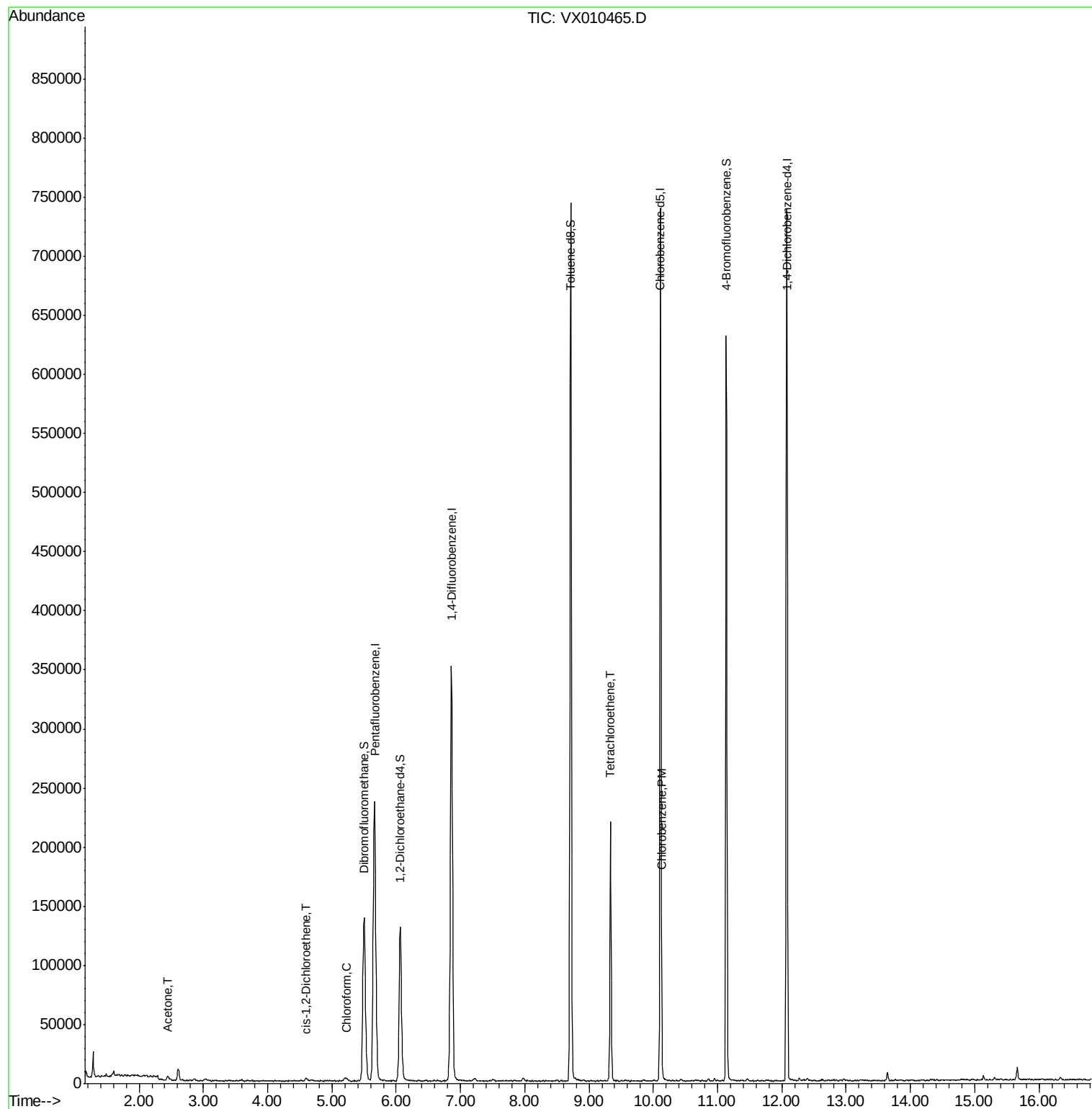
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	118469	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	118627	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	8.71	98	462161	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	156282	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
Target Compounds						
16) Acetone	2.44	43	4561	3.853	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	1344	0.495	ug/l	90
30) Chloroform	5.21	83	3797	0.942	ug/l	99
64) Tetrachloroethene	9.34	164	43264	15.046	ug/l	99
65) Chlorobenzene	10.13	112	1915	0.265	ug/l	98

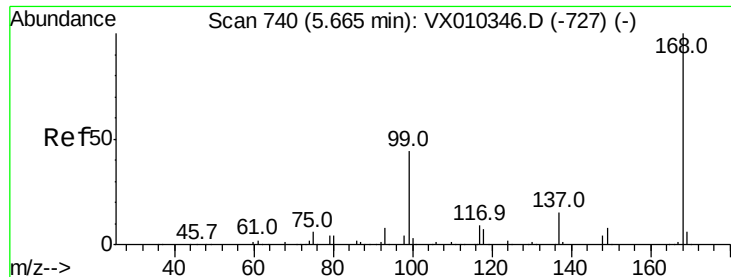
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010465.D

Acq: 26 Jun 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

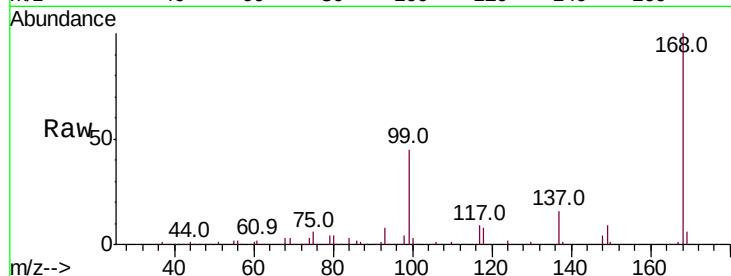
CPA-CPMW09S-M24W1-062219

Tot Ion:168 Resp: 251929

Ion Ratio Lower Upper

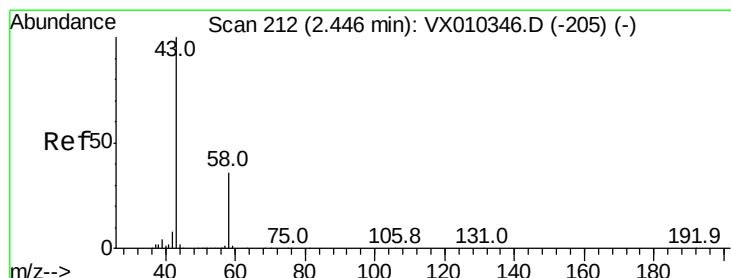
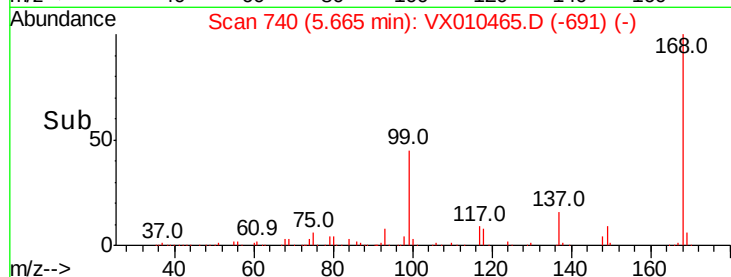
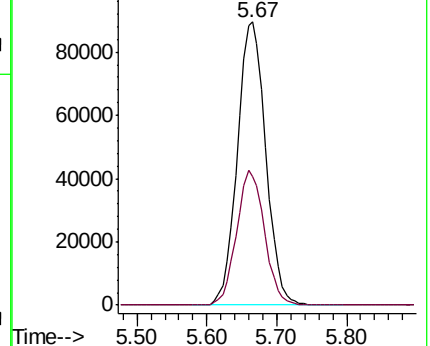
168 100

99 45.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.853 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010465.D

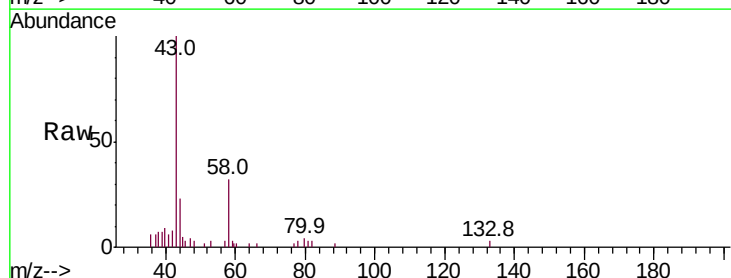
Acq: 26 Jun 2019 16:09

Tgt Ion: 43 Resp: 4561

Ion Ratio Lower Upper

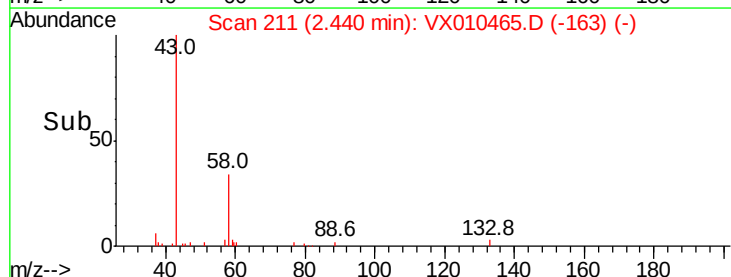
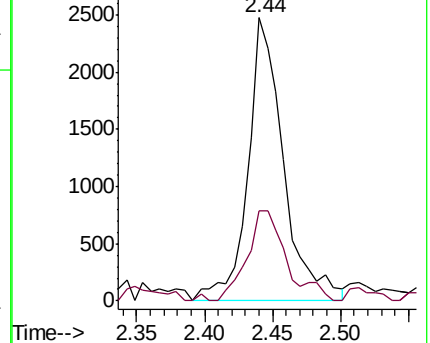
43 100

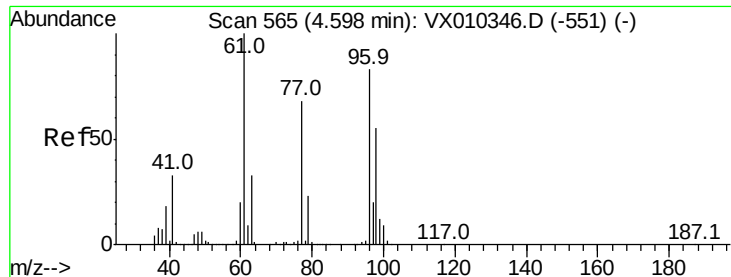
58 31.9 28.9 43.3



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: 0.495 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX010465.D

Acq: 26 Jun 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW09S-M24W1-062219

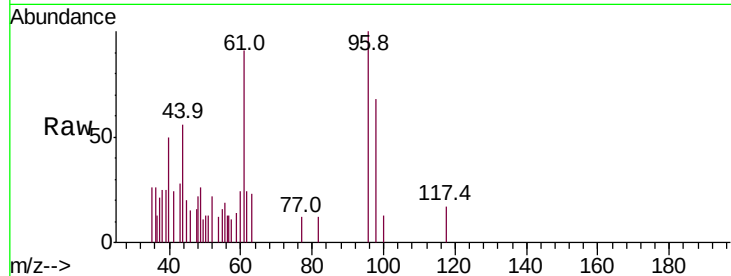
Tot Ion: 96 Resp: 1344

Ion Ratio Lower Upper

96 100

61 110.9 0.0 251.8

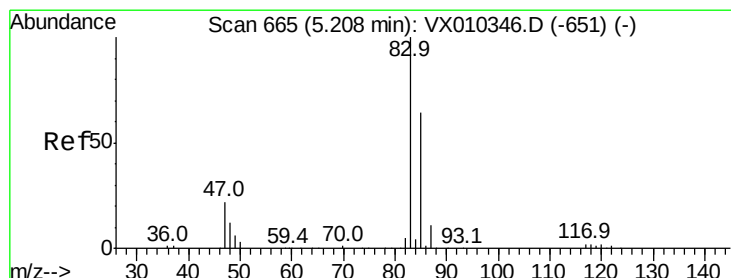
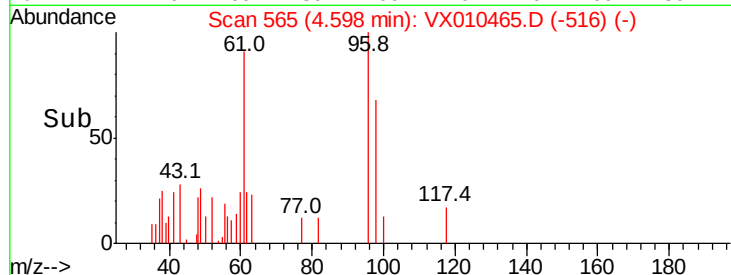
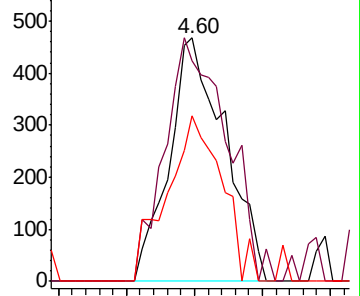
98 67.4 0.0 129.4



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



#30

Chloroform

Concen: 0.942 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010465.D

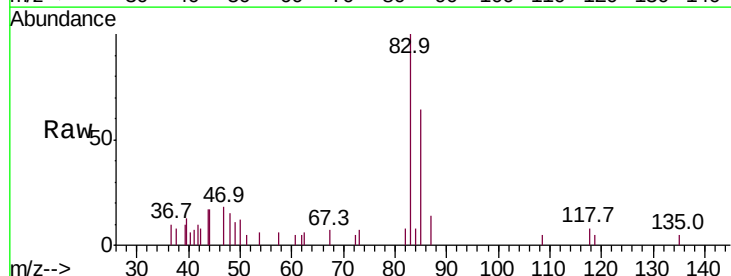
Acq: 26 Jun 2019 16:09

Tgt Ion: 83 Resp: 3797

Ion Ratio Lower Upper

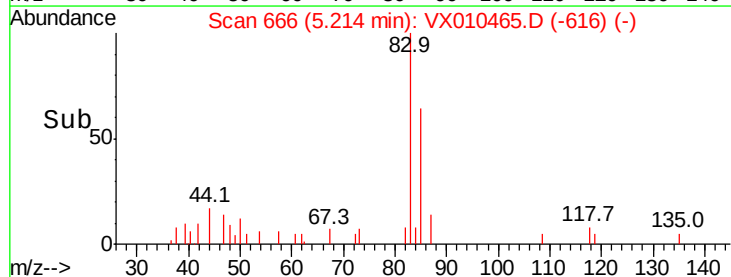
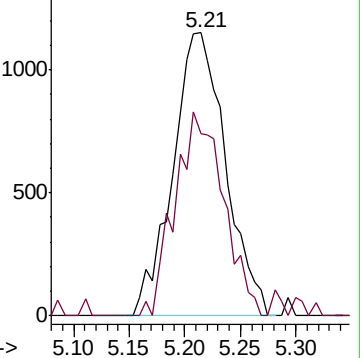
83 100

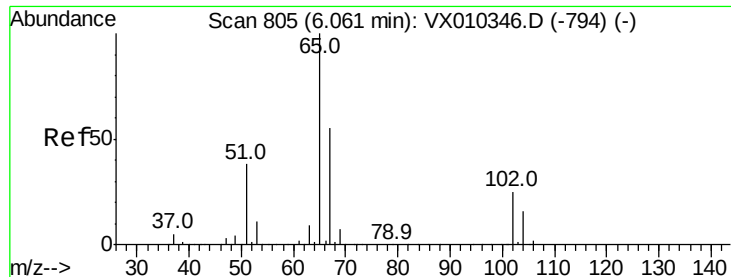
85 64.3 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.154 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010465.D

Acq: 26 Jun 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

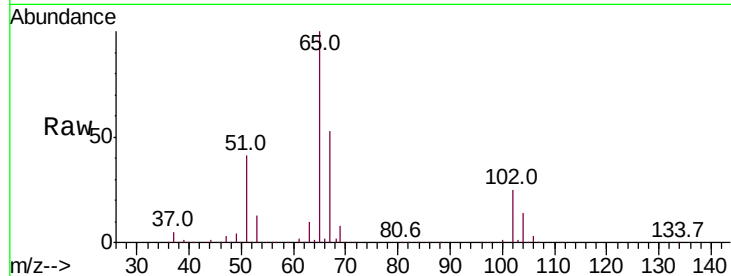
CPA-CPMW09S-M24W1-062219

Tot Ion: 65 Resp: 118469

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

30000

20000

10000

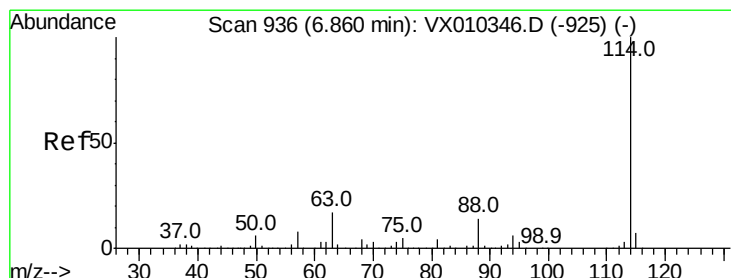
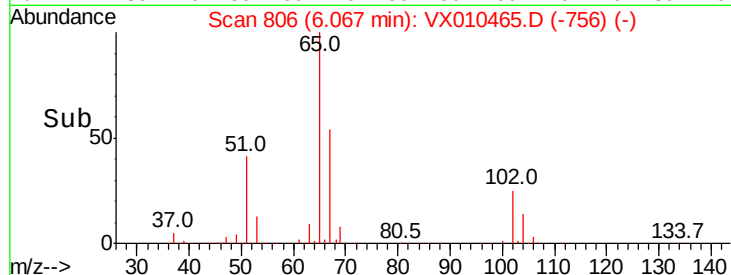
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010465.D

Acq: 26 Jun 2019 16:09

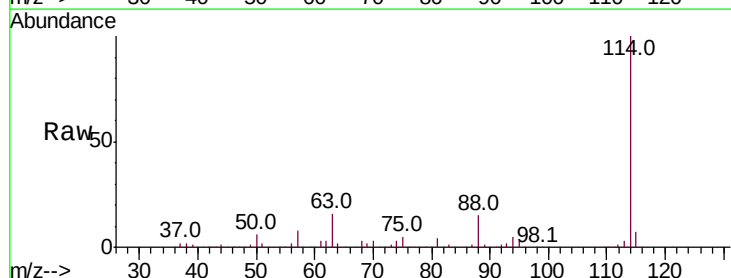
Tgt Ion:114 Resp: 387237

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.8

88 14.6 0.0 27.6



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

6.86

200000

150000

100000

50000

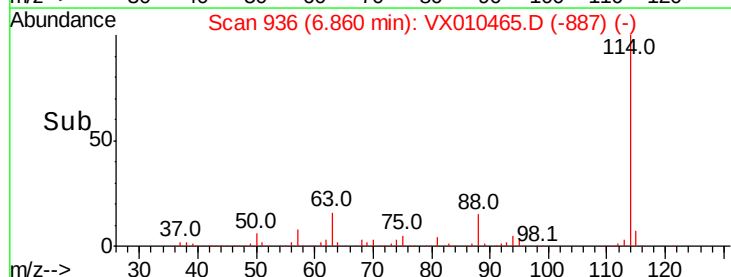
0

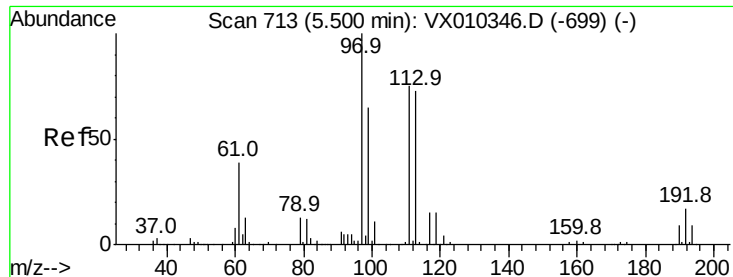
Time-->

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 50.069 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010465.D

Acq: 26 Jun 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW09S-M24W1-062219

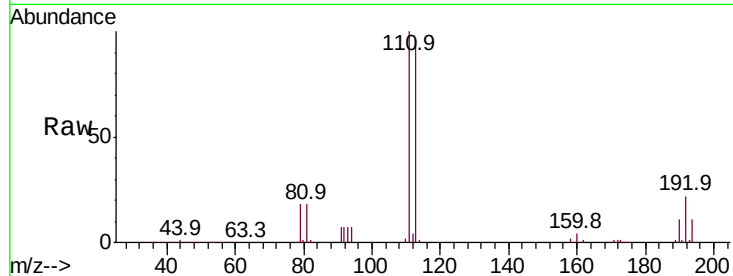
Tot Ion:113 Resp: 118627

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

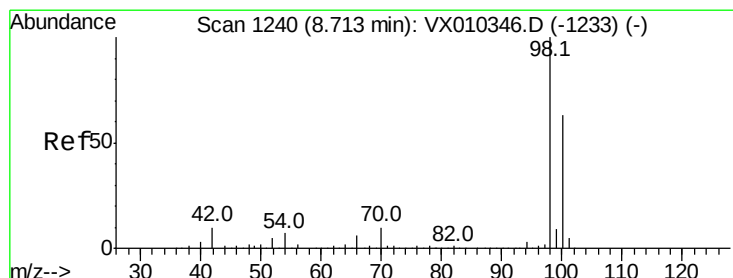
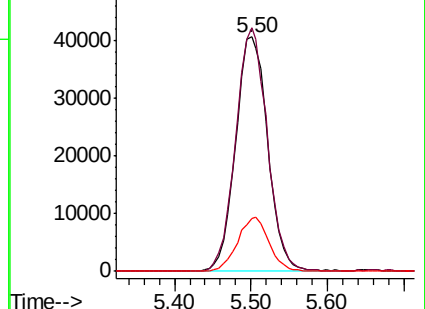
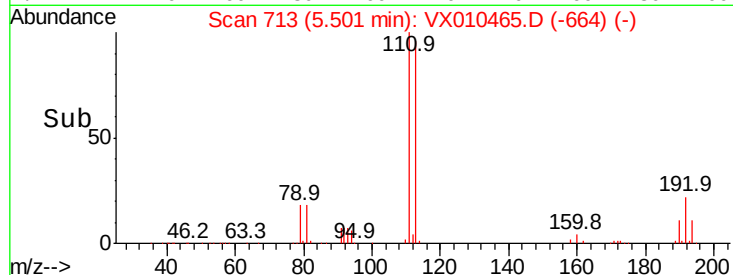
192 22.6 18.6 27.8



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: 50.987 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010465.D

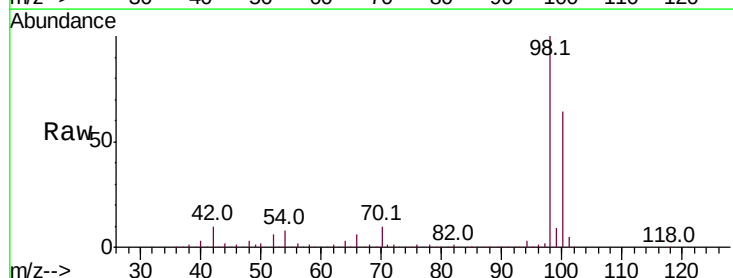
Acq: 26 Jun 2019 16:09

Tgt Ion: 98 Resp: 462161

Ion Ratio Lower Upper

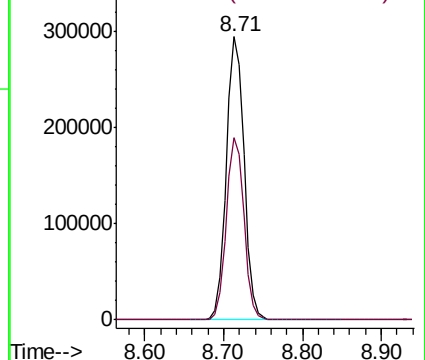
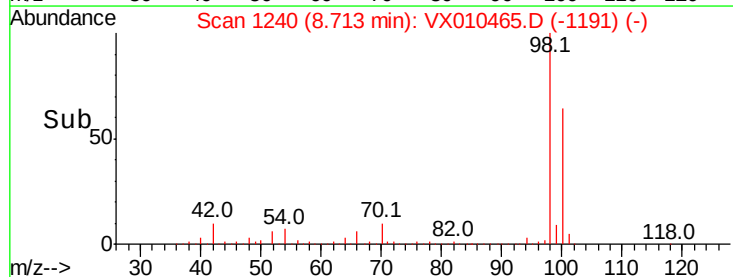
98 100

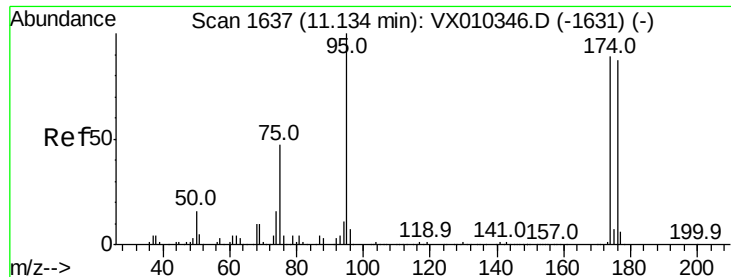
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

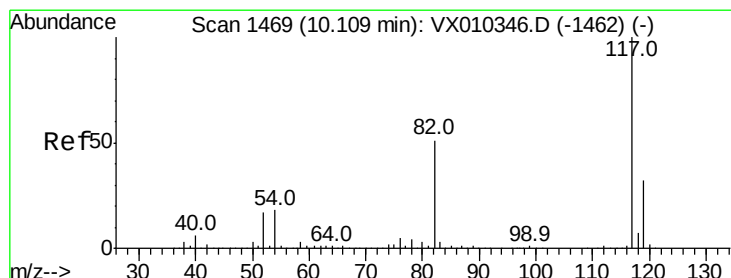
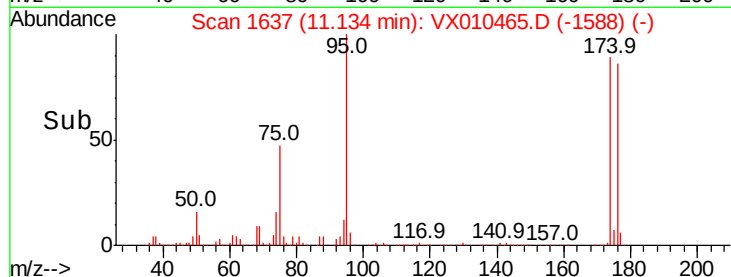
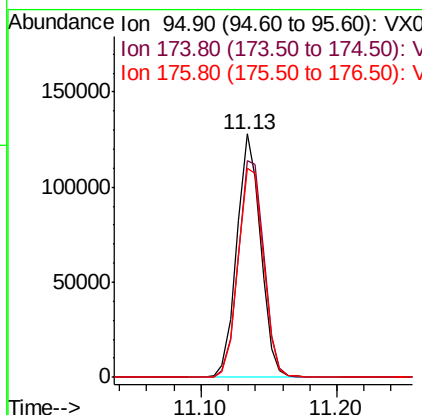
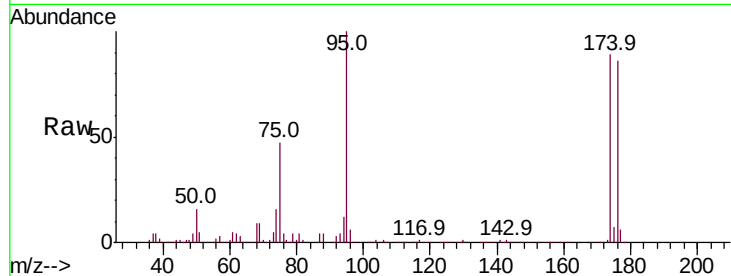




#62
4-Bromofluorobenzene
Concen: 47.757 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010465.D
Acq: 26 Jun 2019 16:09

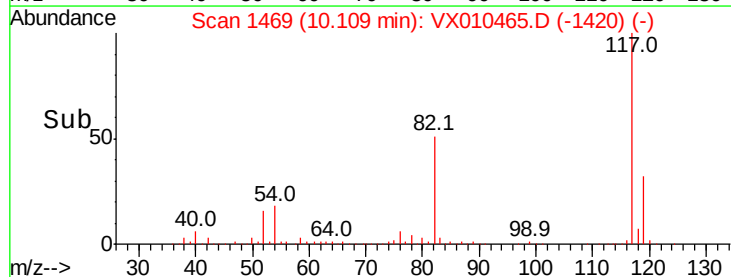
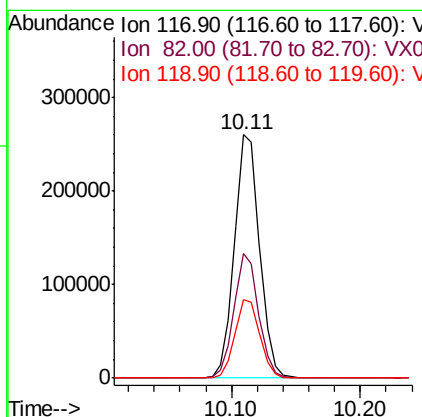
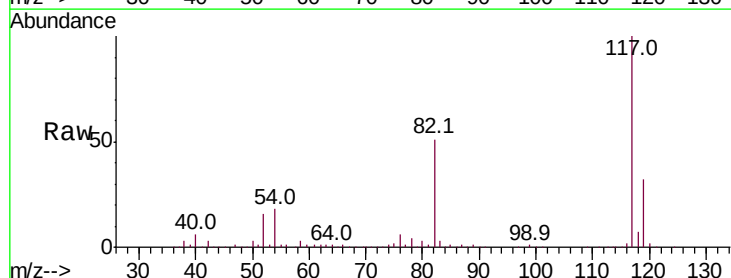
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW09S-M24W1-062219

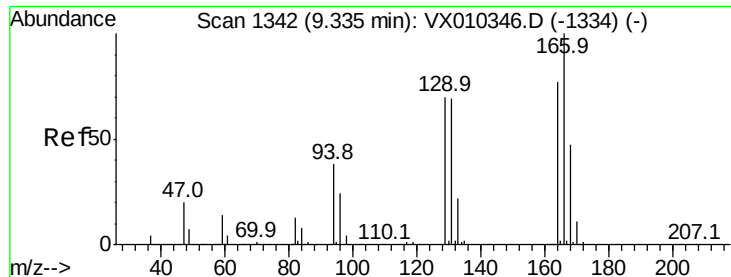
Tot Ion: 95 Resp: 156282
Ion Ratio Lower Upper
95 100
174 95.4 0.0 187.6
176 92.3 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010465.D
Acq: 26 Jun 2019 16:09

Tgt Ion: 117 Resp: 355497
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.3 25.5 38.3





#64

Tetrachloroethene

Concen: 15.046 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010465.D

Acq: 26 Jun 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW09S-M24W1-062219

Tot Ion:164 Resp: 43264

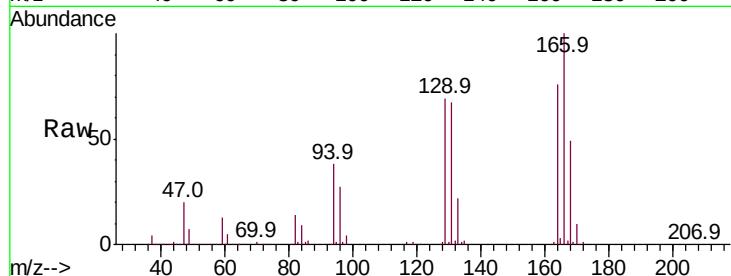
Ion Ratio Lower Upper

164 100

166 132.4 103.6 155.4

129 91.4 73.0 109.4

131 89.1 71.0 106.4

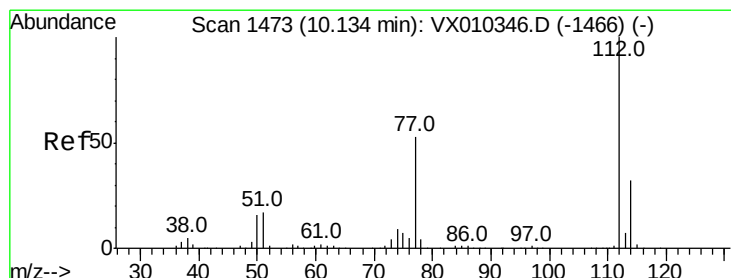
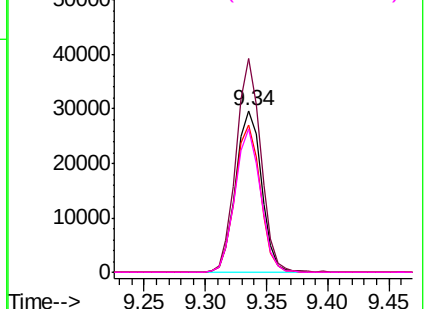
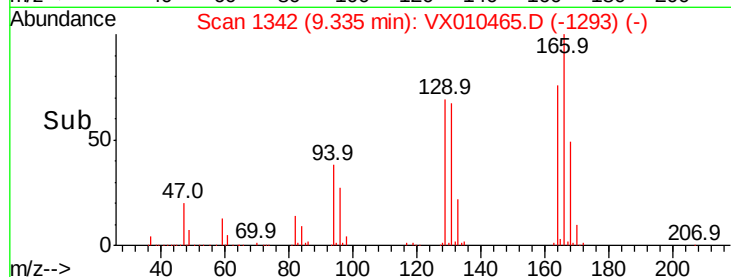


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 0.265 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010465.D

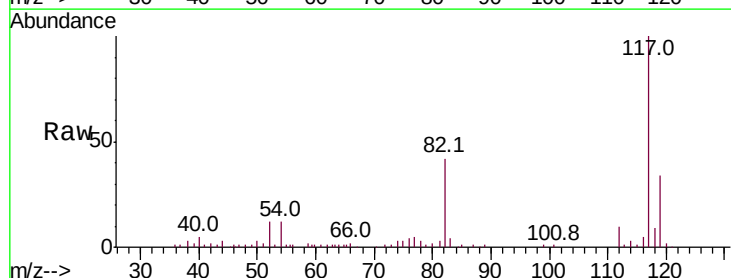
Acq: 26 Jun 2019 16:09

Tgt Ion:112 Resp: 1915

Ion Ratio Lower Upper

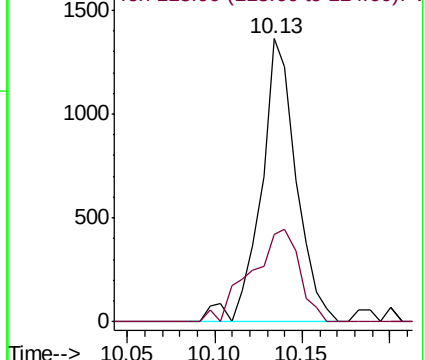
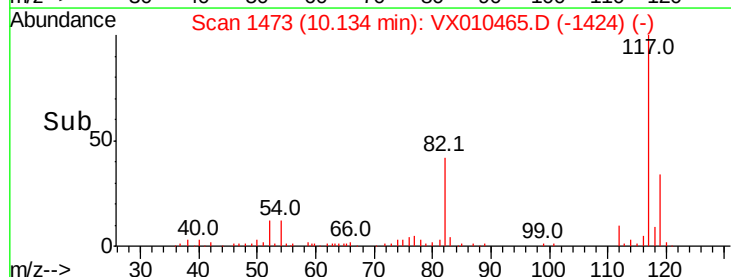
112 100

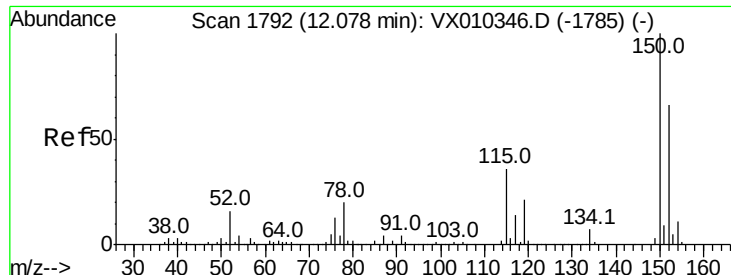
114 30.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

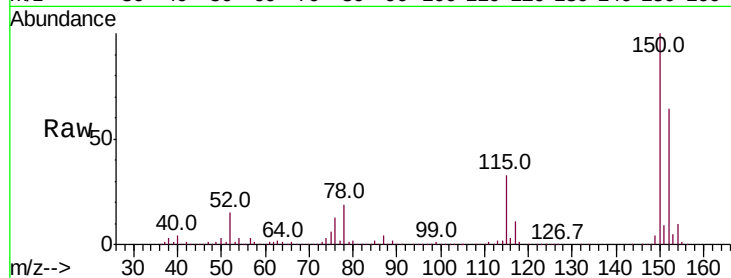




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010465.D
 Acq: 26 Jun 2019 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW09S-M24W1-062219

Tot Ion:152 Resp: 167762
 Ion Ratio Lower Upper
 152 100
 115 53.9 38.6 115.7
 150 156.3 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

