

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010452.D
 Acq On : 26 Jun 2019 11:05
 Operator : JC/SP
 Sample : K3527-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-RB1-M24W1-062219

Quant Time: Jun 27 02:17:53 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

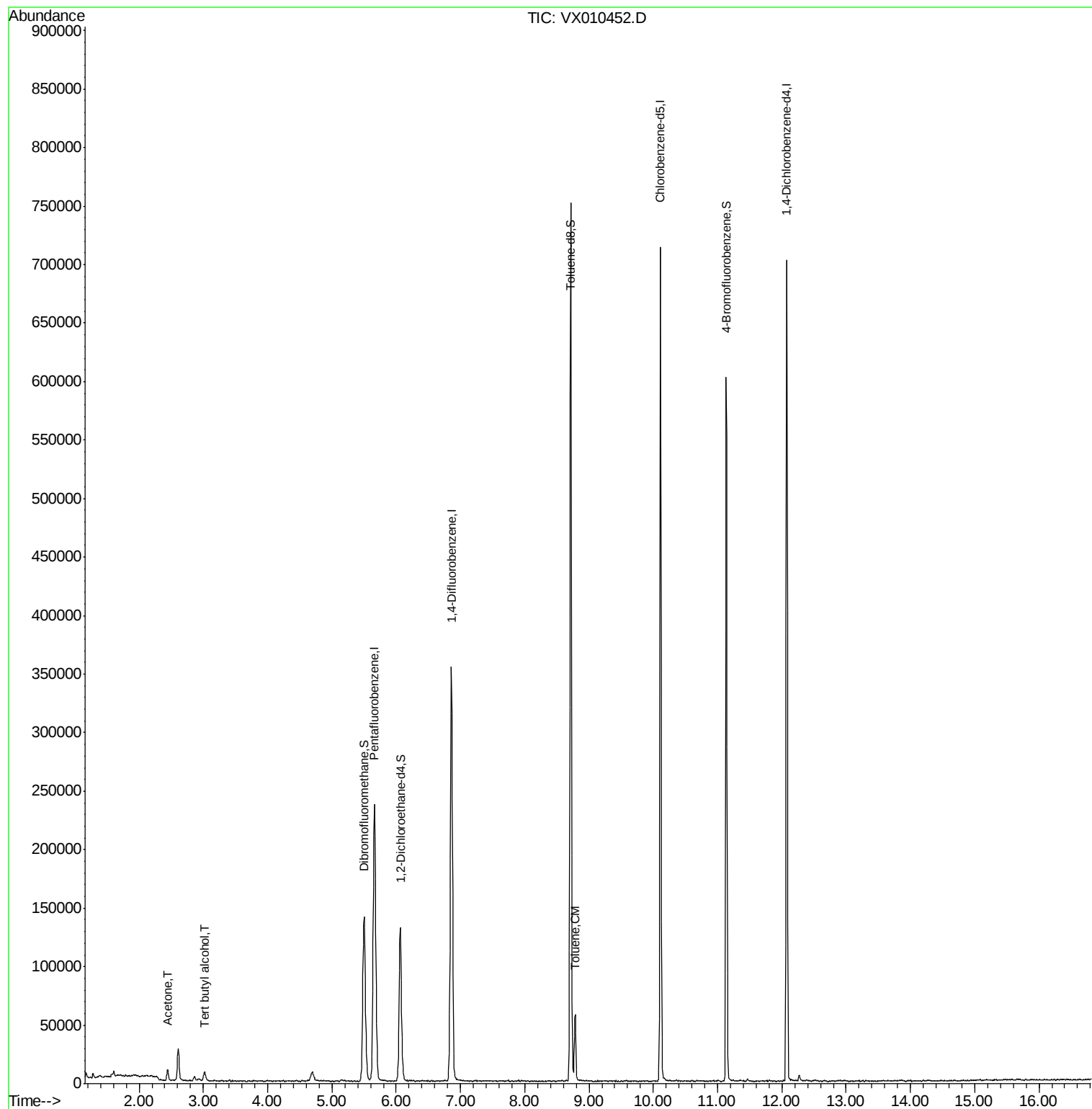
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122470	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	5.50	113	118850	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	8.71	98	457784	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	153435	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	4859	7.882	ug/l #	74
16) Acetone	2.44	43	10025	8.491	ug/l	95
52) Toluene	8.79	92	21152	3.343	ug/l	96

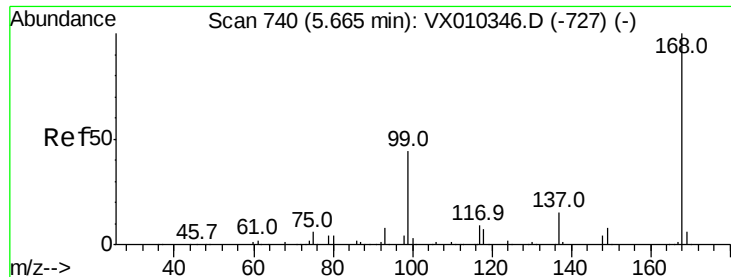
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010452.D

Acq: 26 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

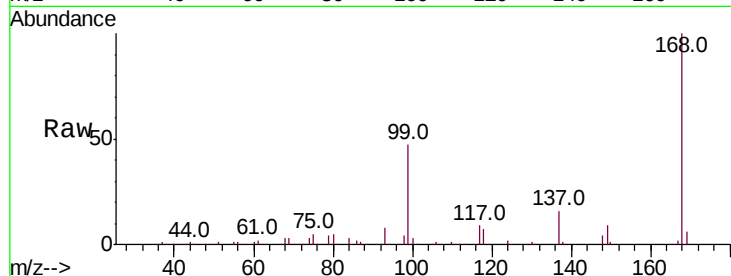
CPA-RB1-M24W1-062219

Tot Ion:168 Resp: 251256

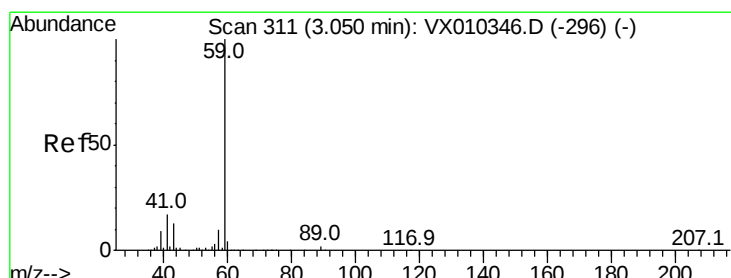
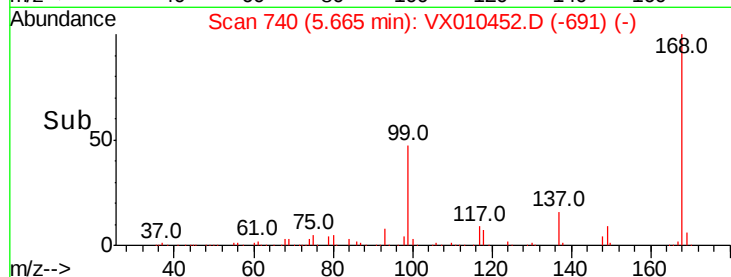
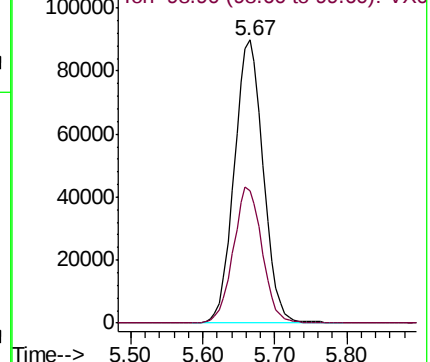
Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)



#11

Tert butyl alcohol

Concen: 7.882 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010452.D

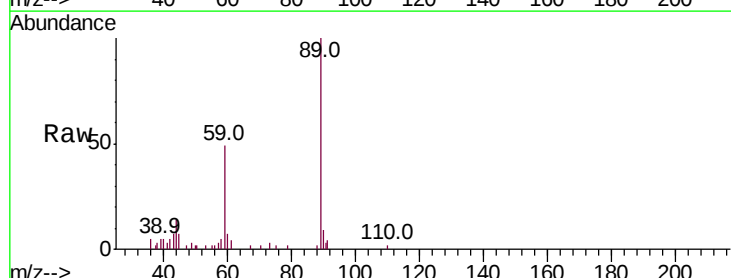
Acq: 26 Jun 2019 11:05

Tgt Ion: 59 Resp: 4859

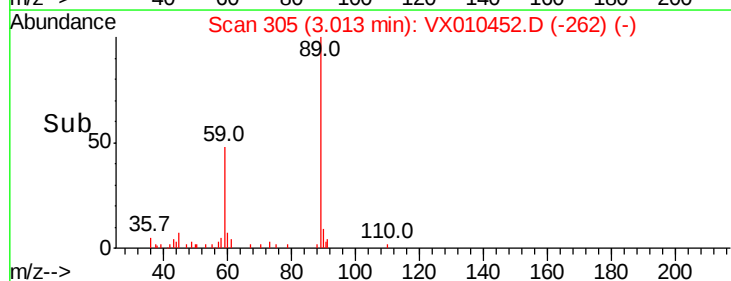
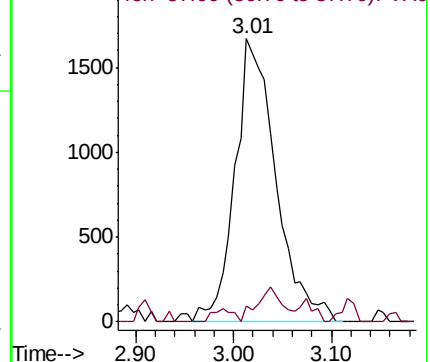
Ion Ratio Lower Upper

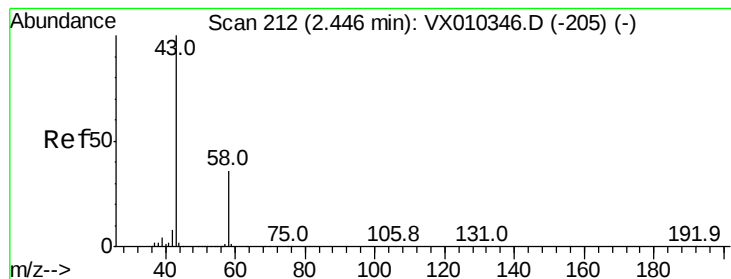
59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX010346.D (-296) (-)





#16

Acetone

Concen: 8.491 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010452.D

Acq: 26 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

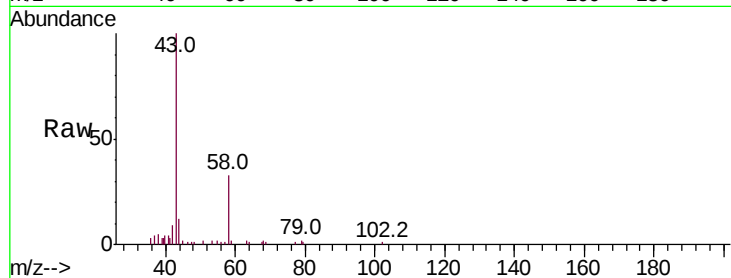
CPA-RB1-M24W1-062219

Tot Ion: 43 Resp: 10025

Ion Ratio Lower Upper

43 100

58 33.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

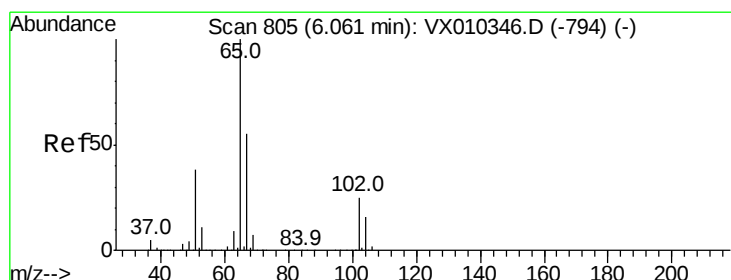
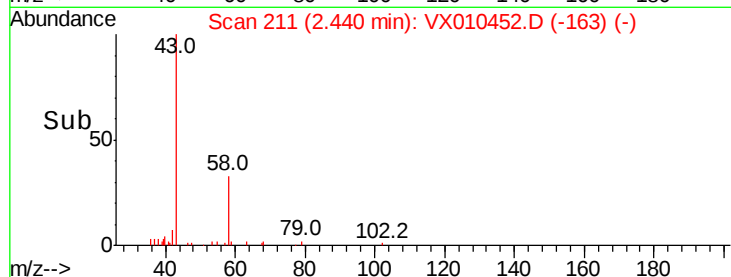
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

2.44



#33

1,2-Dichloroethane-d4

Concen: 51.987 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010452.D

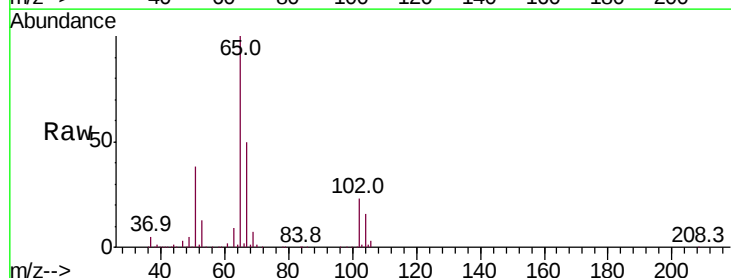
Acq: 26 Jun 2019 11:05

Tgt Ion: 65 Resp: 122470

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

30000

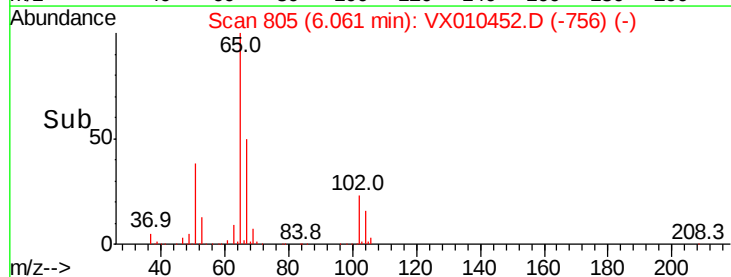
20000

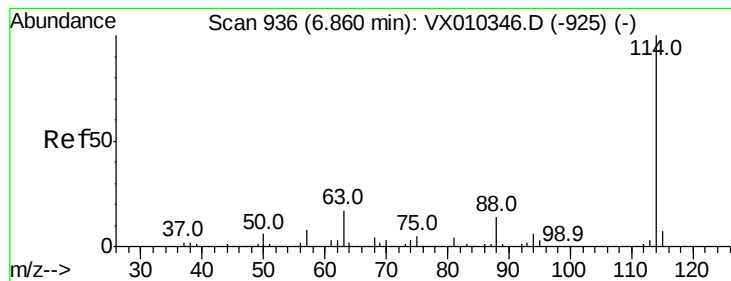
10000

0

Time--> 5.90 6.00 6.10 6.20

6.06





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010452.D

Acq: 26 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

CPA-RB1-M24W1-062219

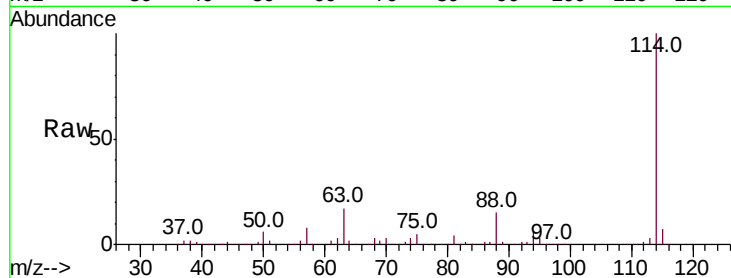
Tot Ion:114 Resp: 388038

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

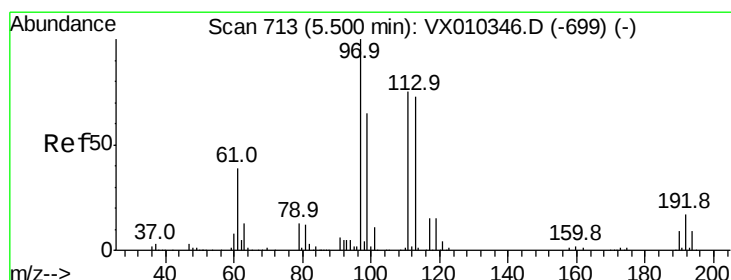
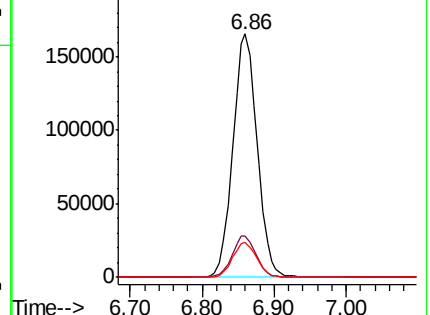
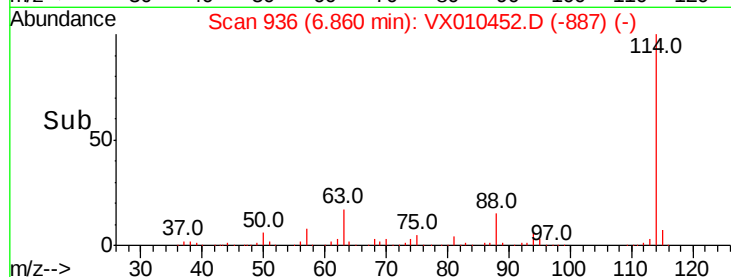
88 14.5 0.0 27.6



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



#35

Dibromofluoromethane

Concen: 50.060 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010452.D

Acq: 26 Jun 2019 11:05

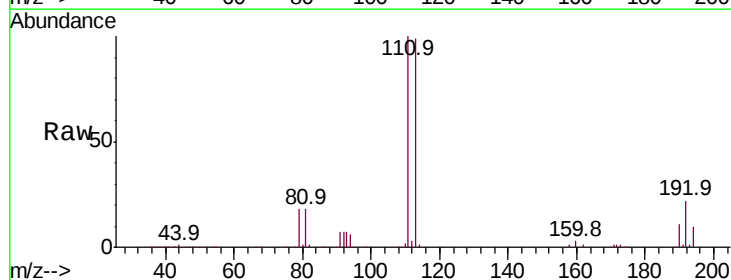
Tgt Ion:113 Resp: 118850

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

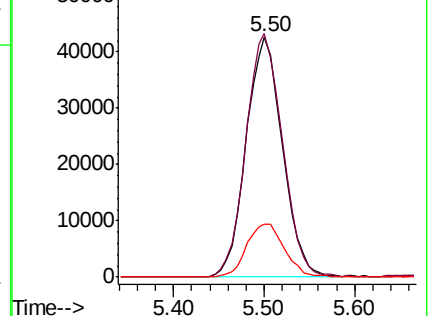
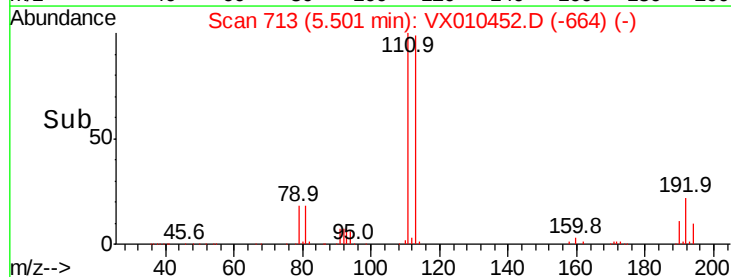
192 23.0 18.6 27.8

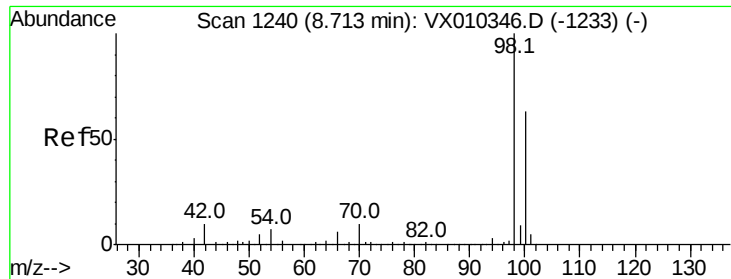


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.400 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010452.D

Acq: 26 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

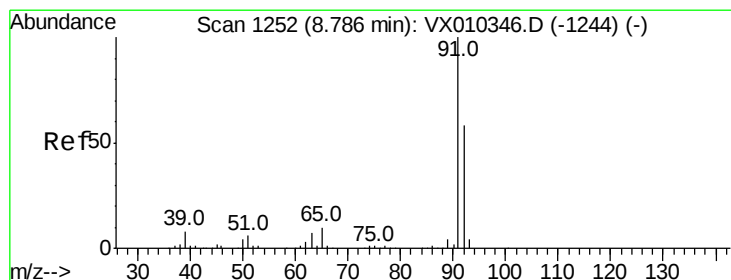
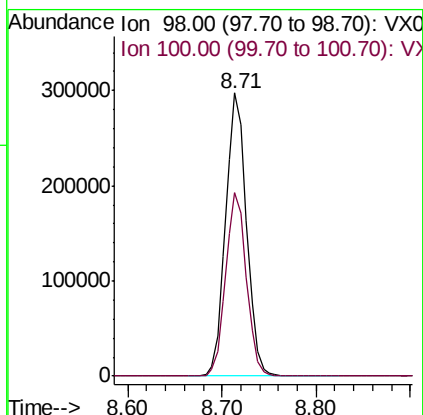
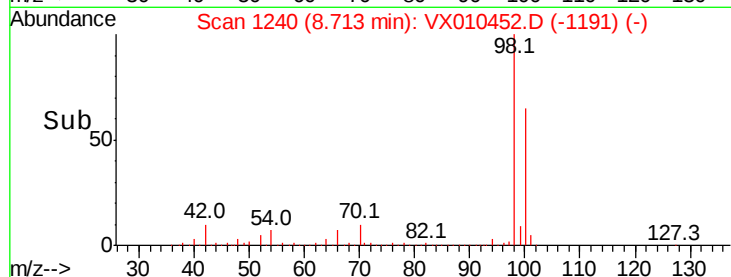
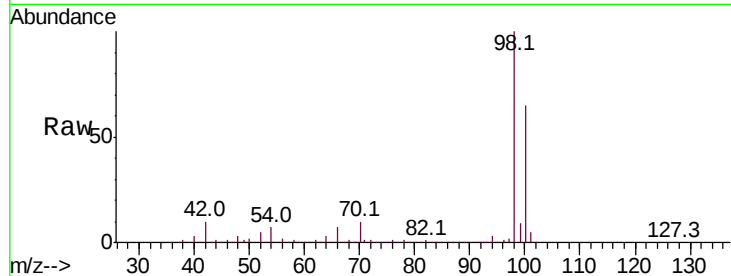
CPA-RB1-M24W1-062219

Tot Ion: 98 Resp: 457784

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#52

Toluene

Concen: 3.343 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010452.D

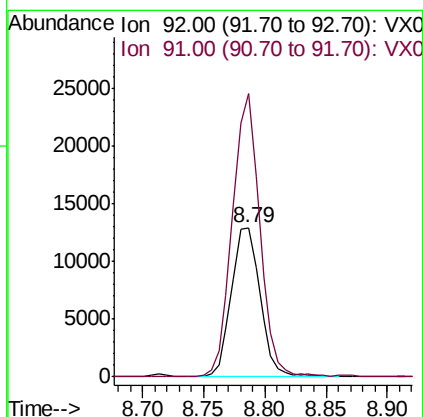
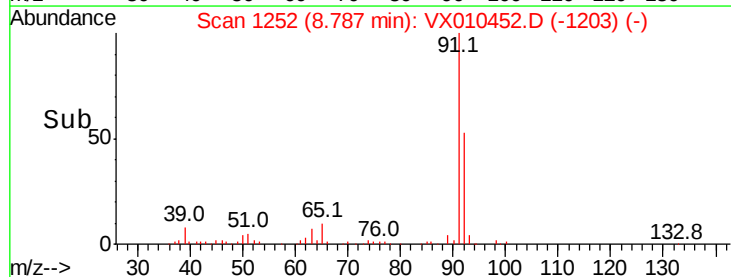
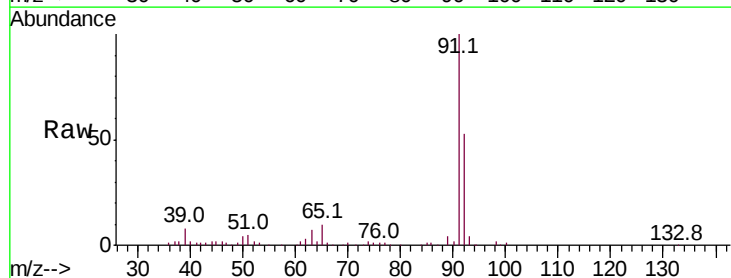
Acq: 26 Jun 2019 11:05

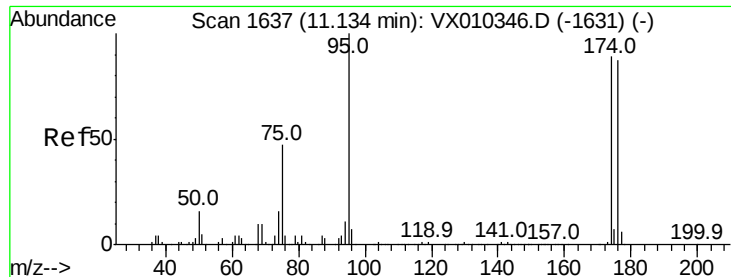
Tgt Ion: 92 Resp: 21152

Ion Ratio Lower Upper

92 100

91 180.2 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 46.790 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010452.D

Acq: 26 Jun 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

CPA-RB1-M24W1-062219

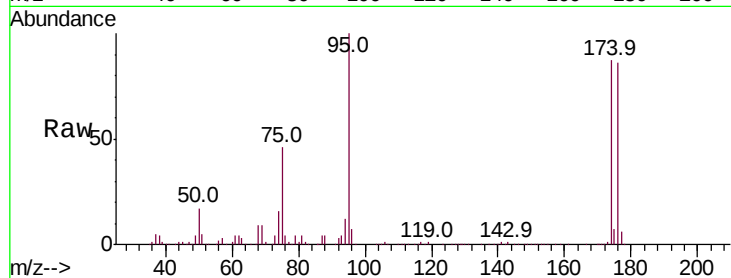
Tot Ion: 95 Resp: 153435

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.6

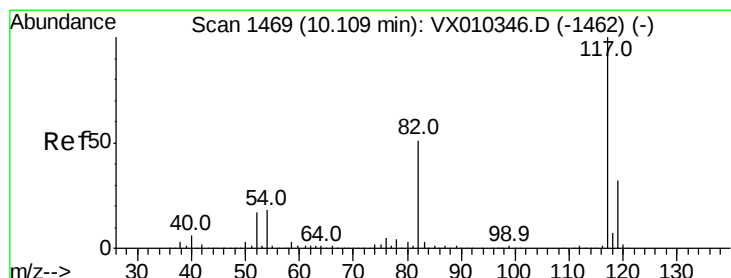
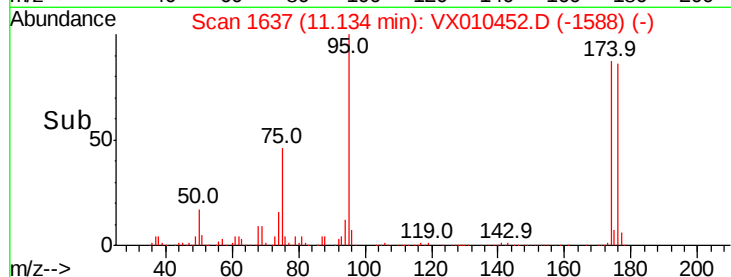
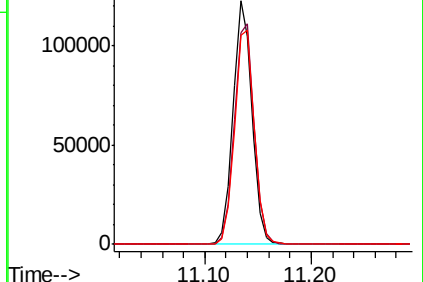
176 92.1 0.0 184.0



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: VX010452.D

Acq: 26 Jun 2019 11:05

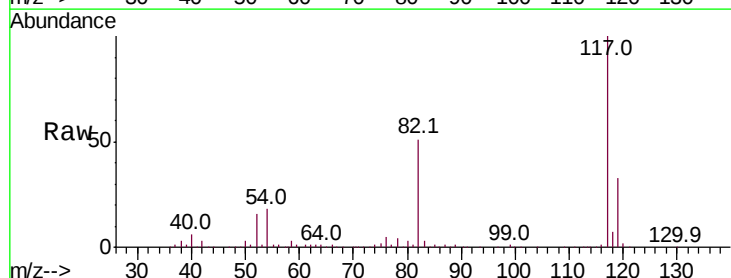
Tgt Ion: 117 Resp: 350419

Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

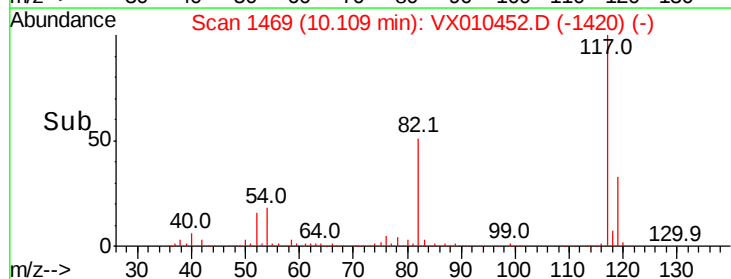
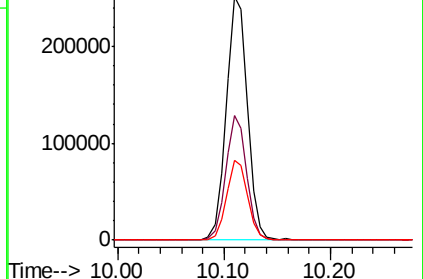
119 32.7 25.5 38.3

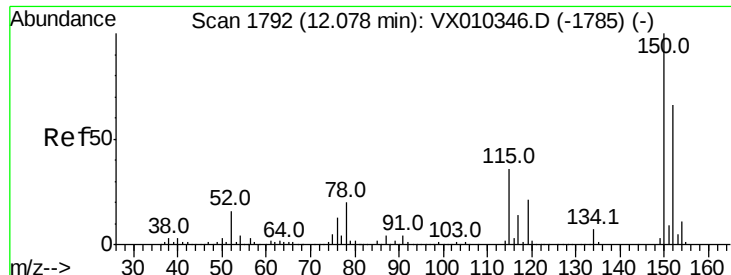


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

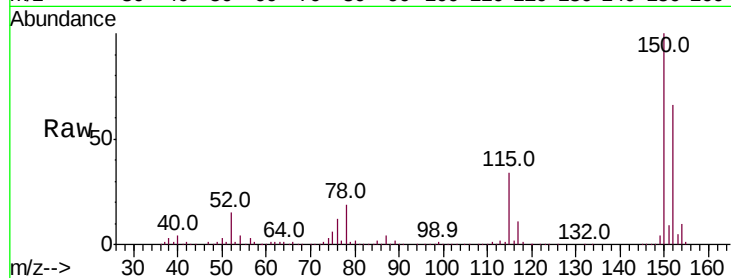




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010452.D
 Acq: 26 Jun 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-RB1-M24W1-062219

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	38.6	115.7
150	155.3	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

