

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010482.D
 Acq On : 27 Jun 2019 12:35
 Operator : JC/SP
 Sample : K3527-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-MW16-001-M24W1-061919

Quant Time: Jun 28 07:13:30 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

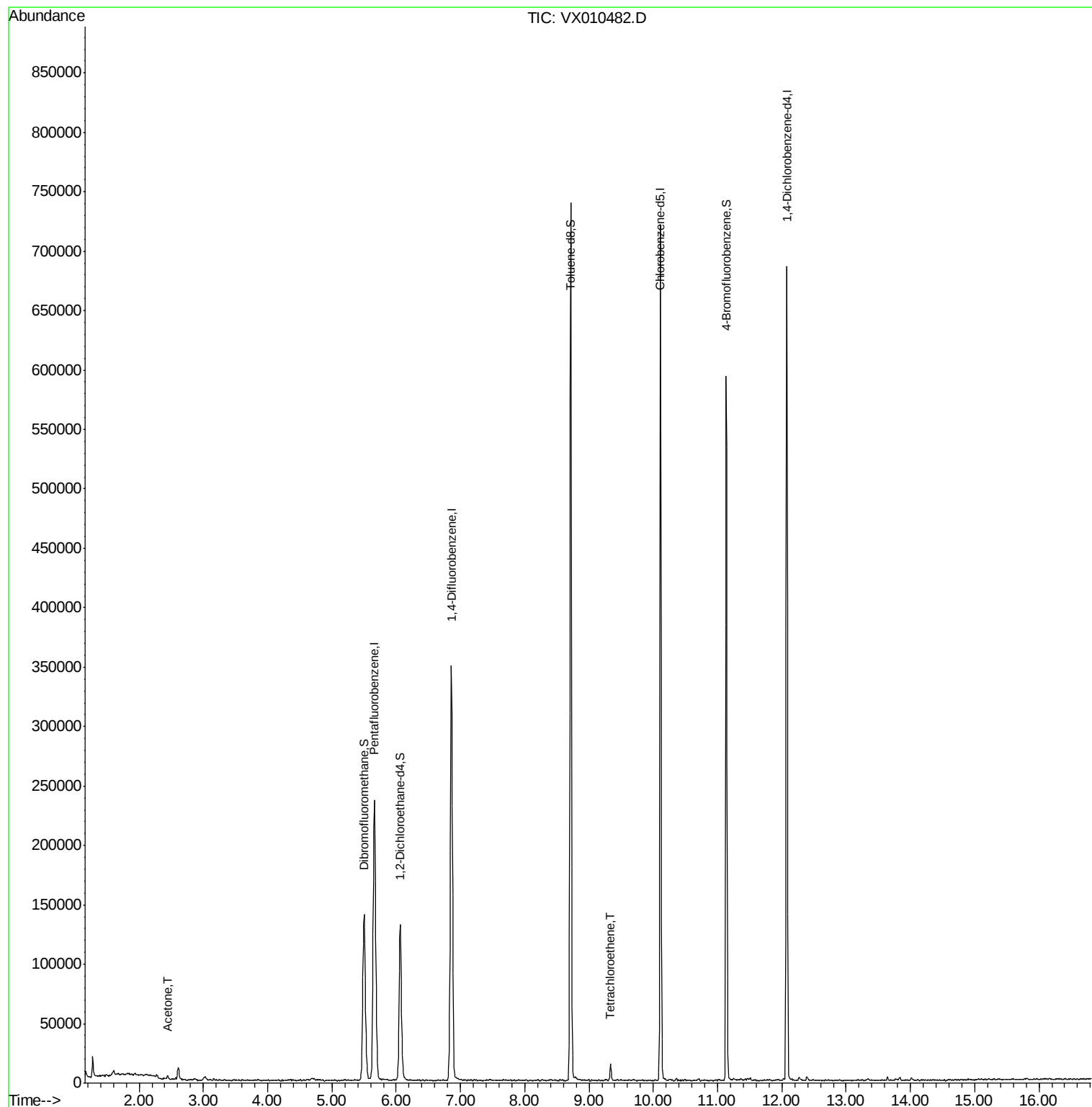
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	245695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117563	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
35) Dibromofluoromethane	5.50	113	116779	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	8.71	98	447248	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	147601	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
16) Acetone	2.45	43	4009	3.472	ug/l #	87
64) Tetrachloroethene	9.34	164	2685	0.968	ug/l	89

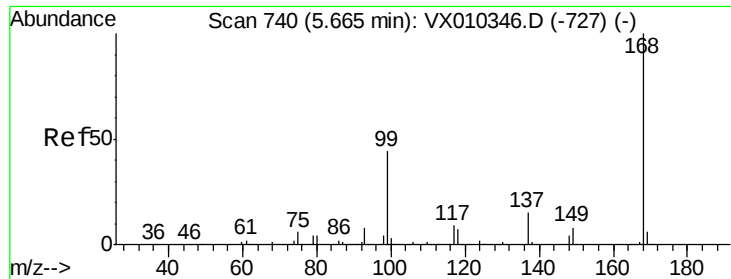
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

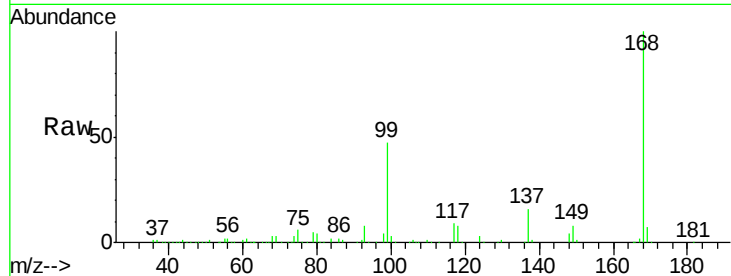
CPA-MW16-001-M24W1-061919

Tot Ion:168 Resp: 245695

Ion Ratio Lower Upper

168 100

99 47.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

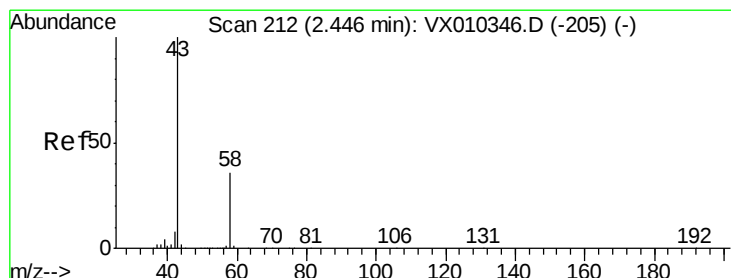
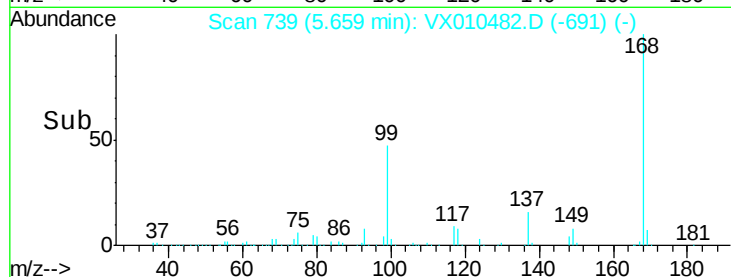
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.472 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010482.D

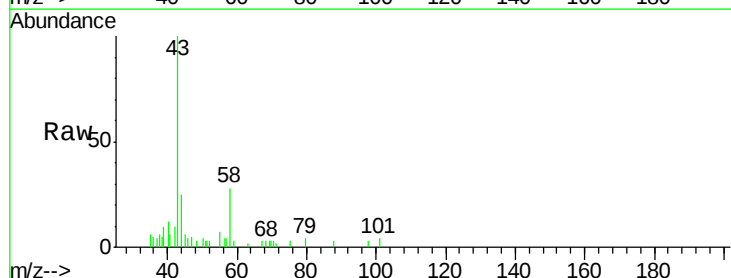
Acq: 27 Jun 2019 12:35

Tgt Ion: 43 Resp: 4009

Ion Ratio Lower Upper

43 100

58 28.2 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

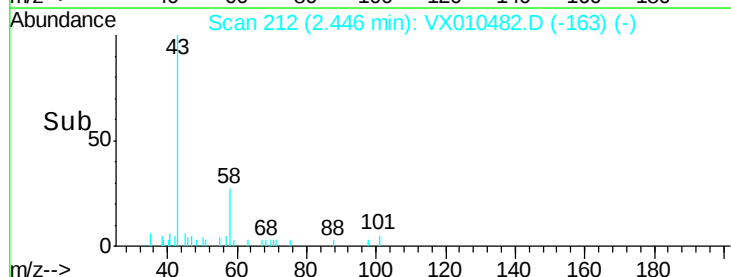
1500

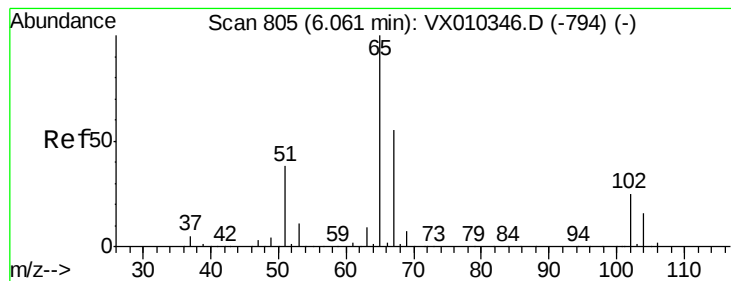
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 51.034 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010482.D

Acq: 27 Jun 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

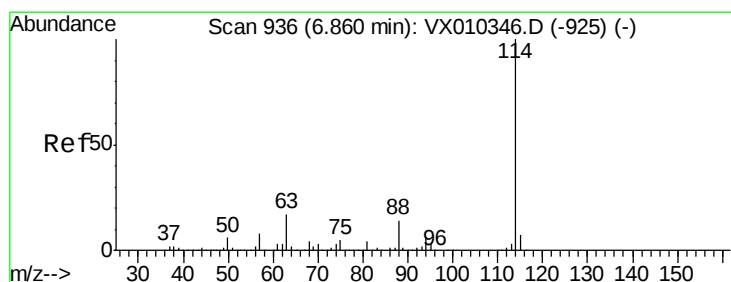
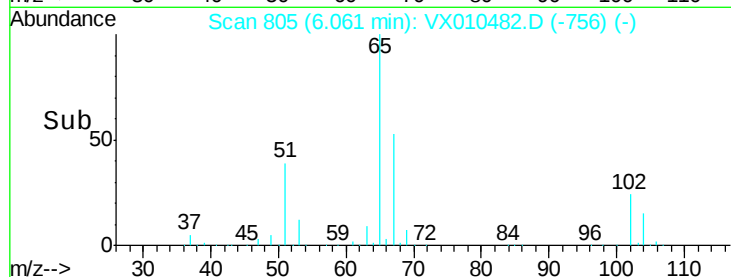
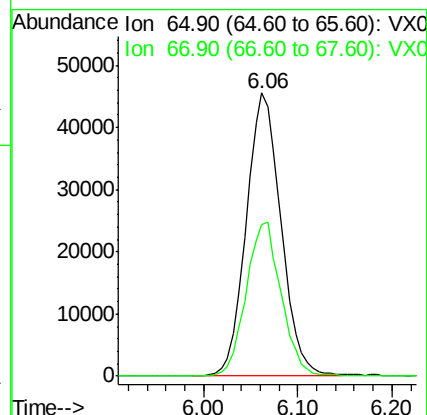
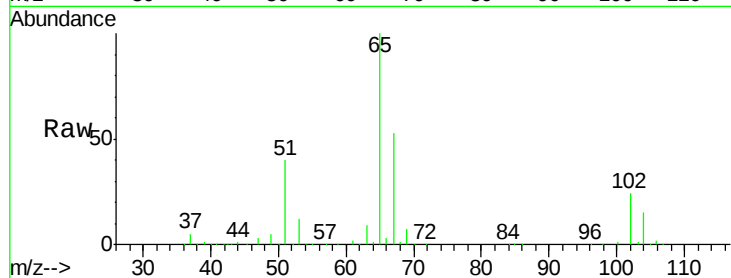
CPA-MW16-001-M24W1-061919

Tot Ion: 65 Resp: 117563

Ion Ratio Lower Upper

65 100

67 54.9 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: VX010482.D

Acq: 27 Jun 2019 12:35

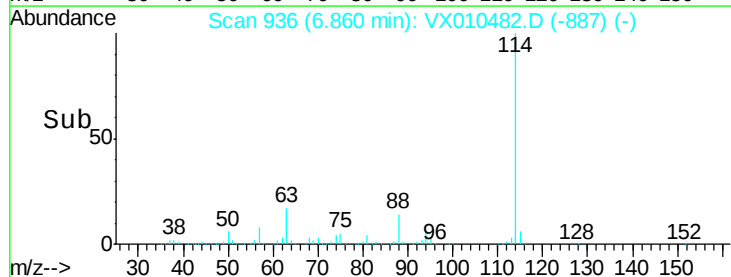
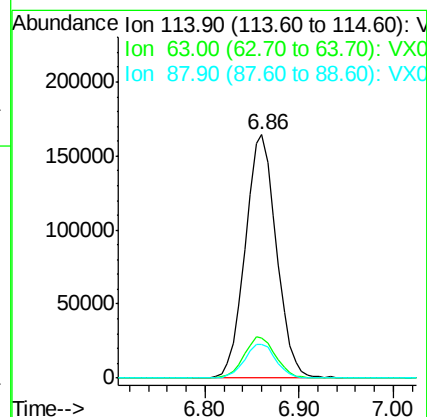
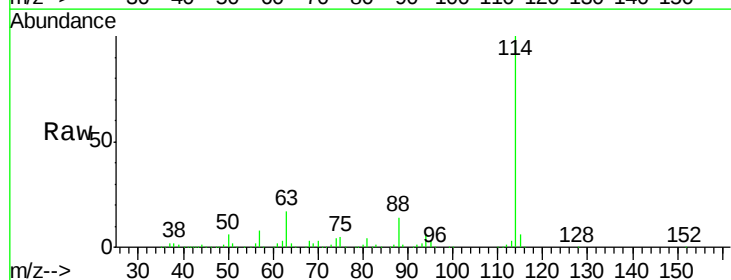
Tgt Ion: 114 Resp: 380619

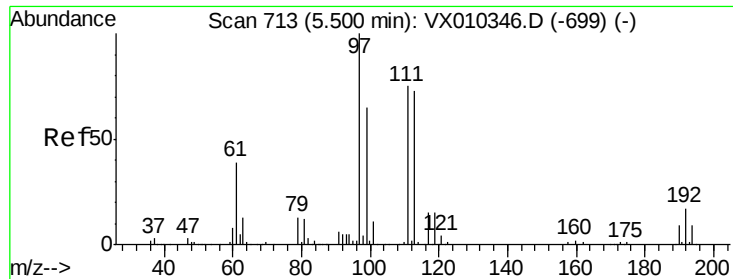
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.8

88 13.8 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.146 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010482.D

Acq: 27 Jun 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

CPA-MW16-001-M24W1-061919

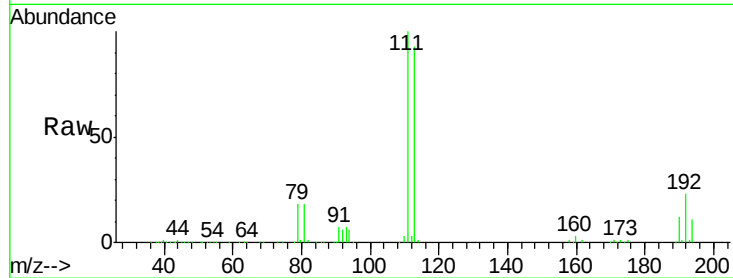
Tot Ion:113 Resp: 116779

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

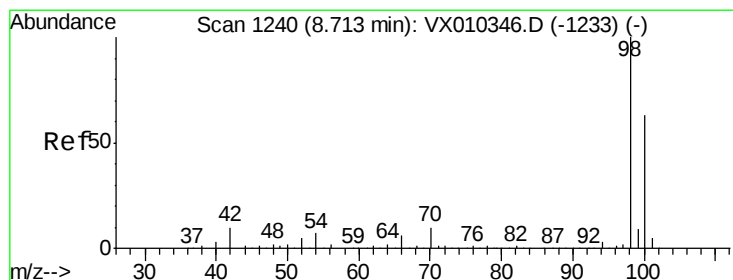
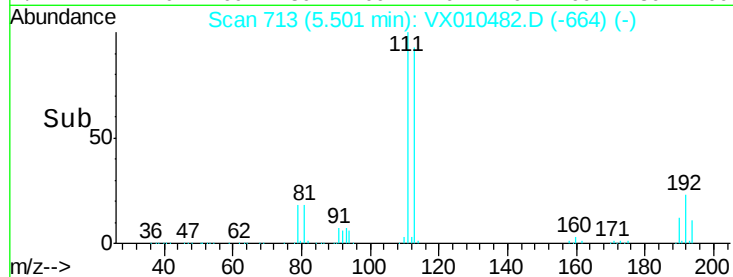
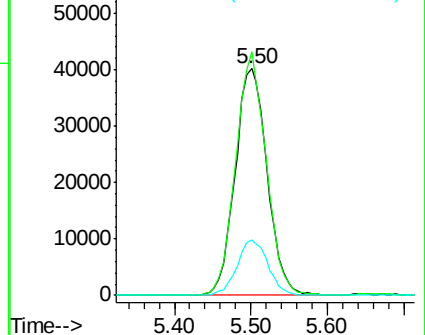
192 23.8 18.6 27.8



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: 50.200 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010482.D

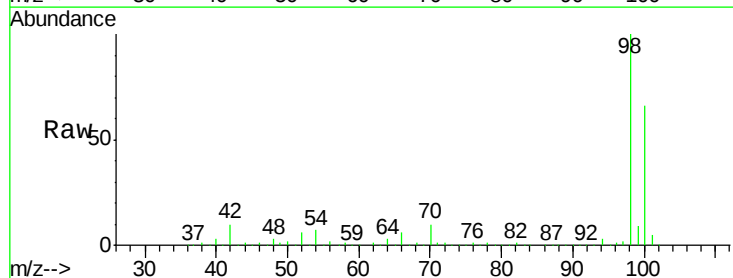
Acq: 27 Jun 2019 12:35

Tgt Ion: 98 Resp: 447248

Ion Ratio Lower Upper

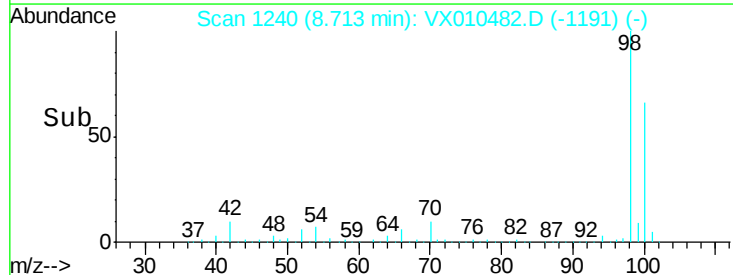
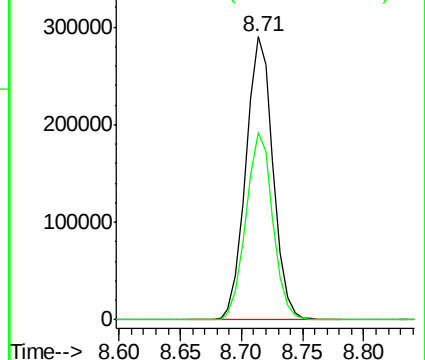
98 100

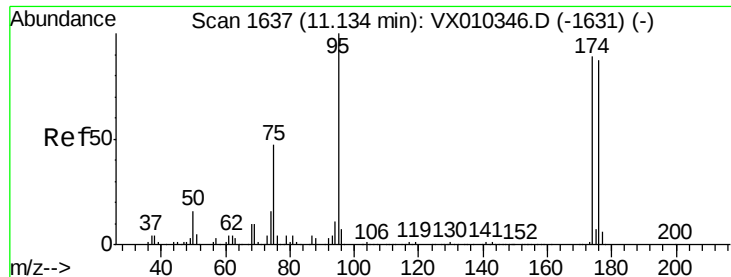
100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.888 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010482.D

Acq: 27 Jun 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

CPA-MW16-001-M24W1-061919

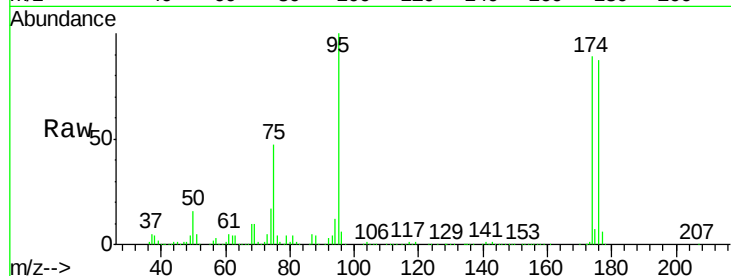
Tot Ion: 95 Resp: 147601

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.6

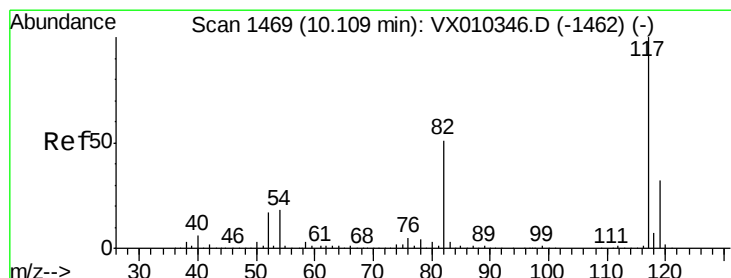
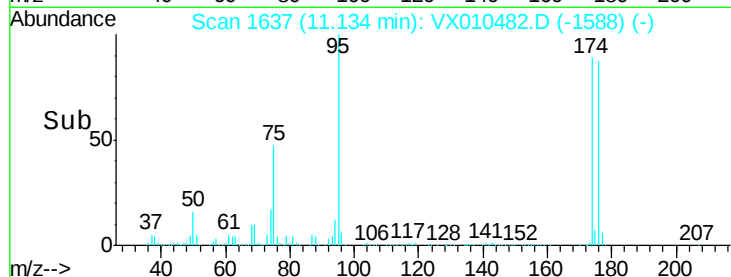
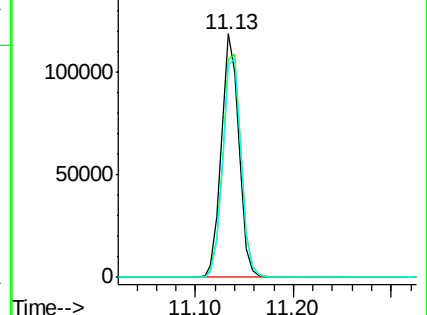
176 93.5 0.0 184.0



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: VX010482.D

Acq: 27 Jun 2019 12:35

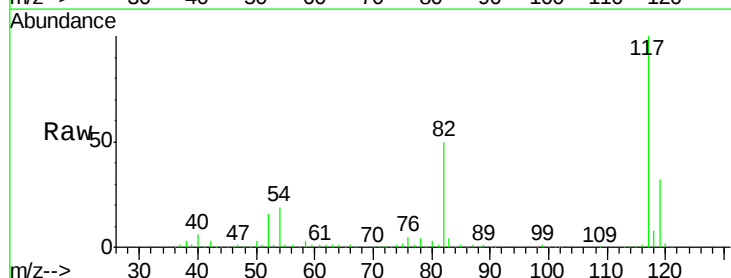
Tgt Ion: 117 Resp: 342762

Ion Ratio Lower Upper

117 100

82 50.4 41.2 61.8

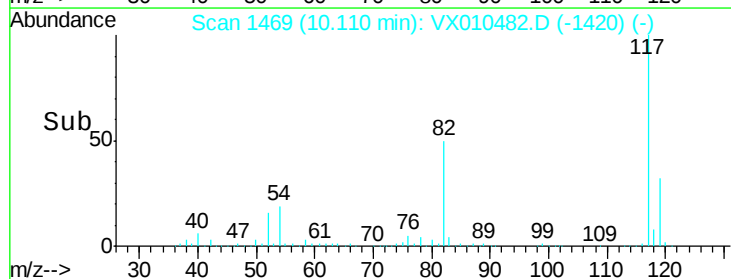
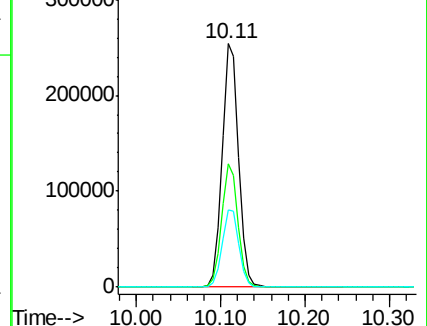
119 31.8 25.5 38.3

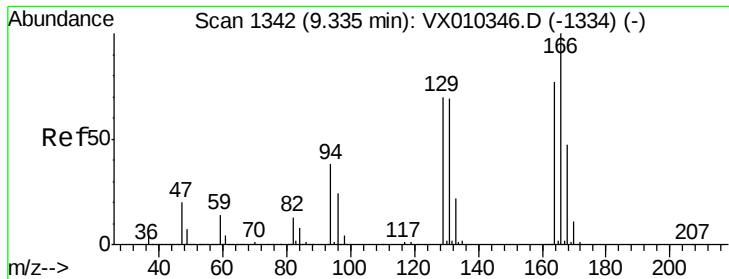


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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: 0.968 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010482.D

Acq: 27 Jun 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

CPA-MW16-001-M24W1-061919

Tot Ion:164 Resp: 2685

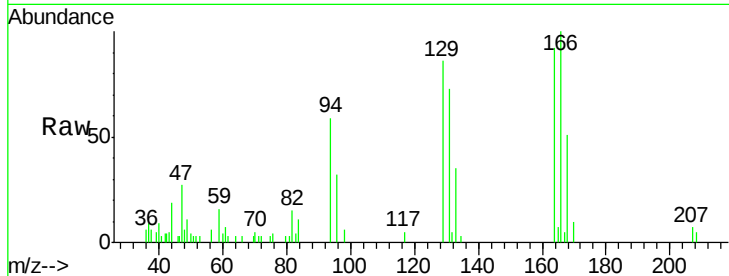
Ion Ratio Lower Upper

164 100

166 108.2 103.6 155.4

129 93.1 73.0 109.4

131 78.6 71.0 106.4

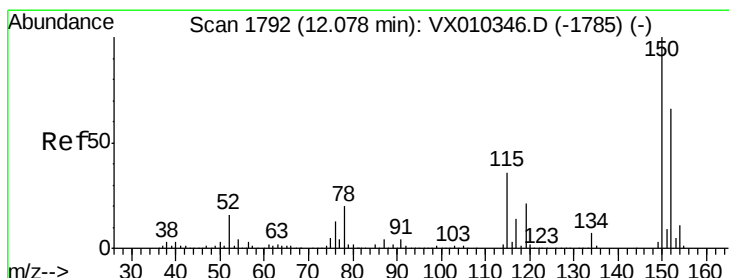
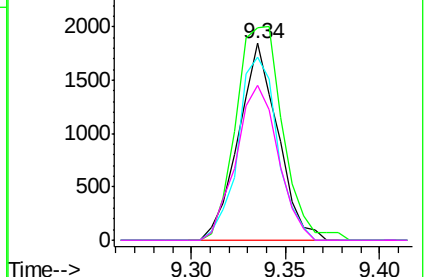
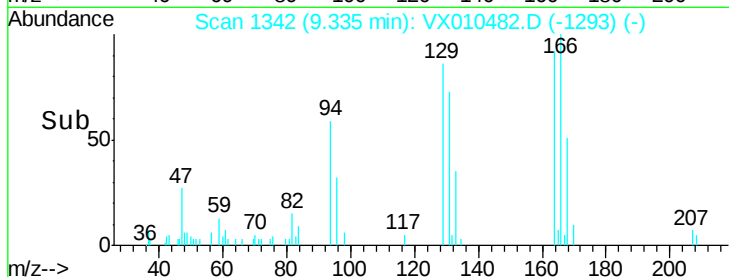


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010482.D

Acq: 27 Jun 2019 12:35

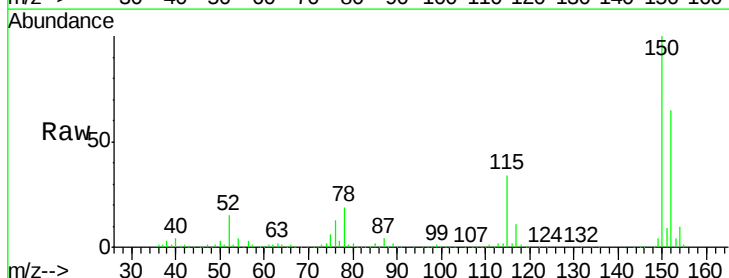
Tgt Ion:152 Resp: 160078

Ion Ratio Lower Upper

152 100

115 53.3 38.6 115.7

150 154.9 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

