

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010458.D
 Acq On : 26 Jun 2019 13:26
 Operator : JC/SP
 Sample : K3527-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW04D-M24W1-062019

Quant Time: Jun 27 02:27:17 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

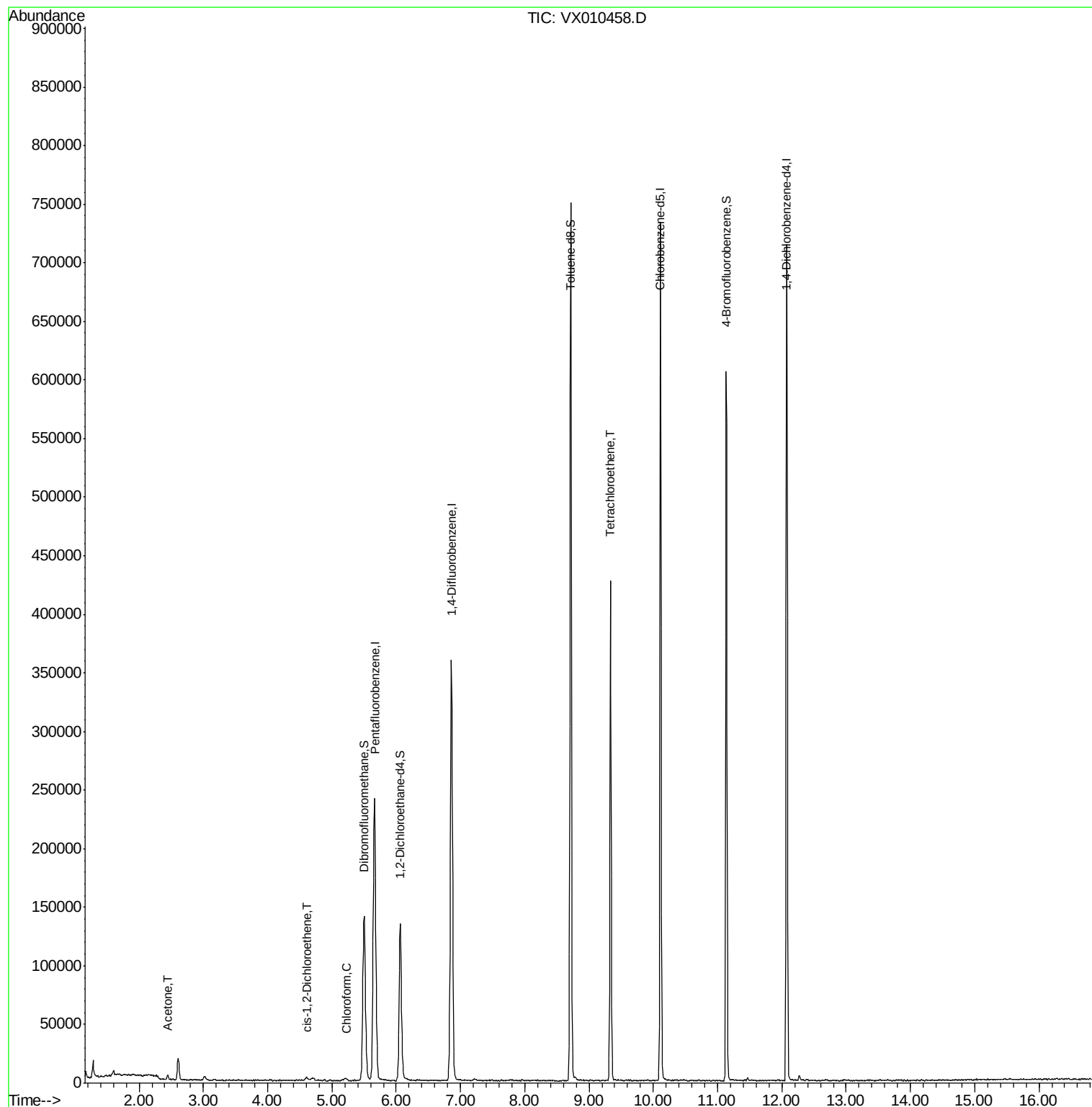
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	356095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122659	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	119375	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	465547	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	153368	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
16) Acetone	2.45	43	4232	3.524	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	1438	0.522	ug/l	93
30) Chloroform	5.22	83	1964	0.480	ug/l #	74
64) Tetrachloroethene	9.34	164	85154	29.565	ug/l	98

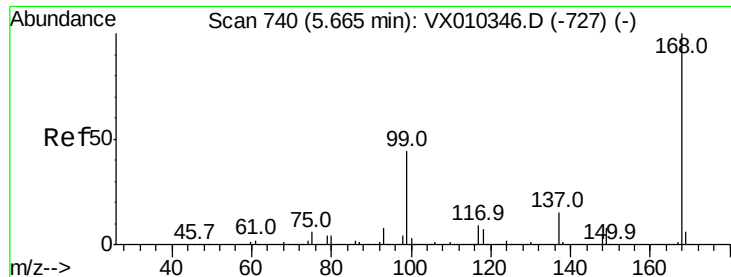
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VX010458.D

Acq: 26 Jun 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

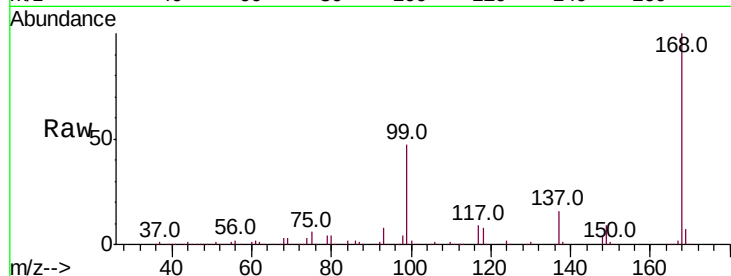
CPA-CPMW04D-M24W1-062019

Tot Ion:168 Resp: 255543

Ion Ratio Lower Upper

168 100

99 47.4 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

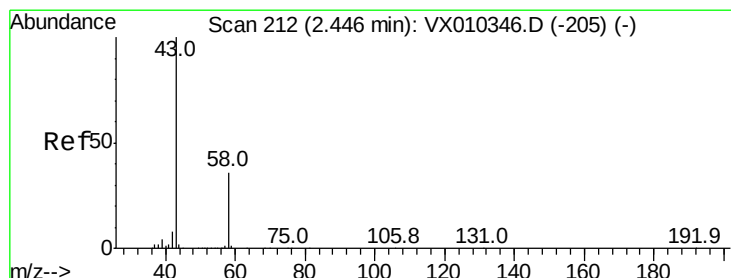
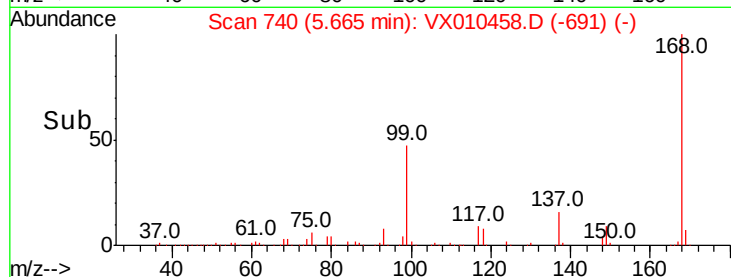
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.524 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010458.D

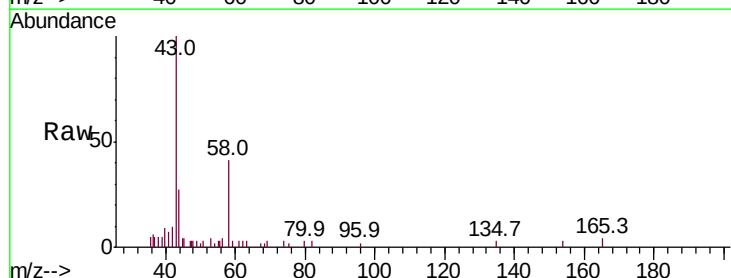
Acq: 26 Jun 2019 13:26

Tgt Ion: 43 Resp: 4232

Ion Ratio Lower Upper

43 100

58 41.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

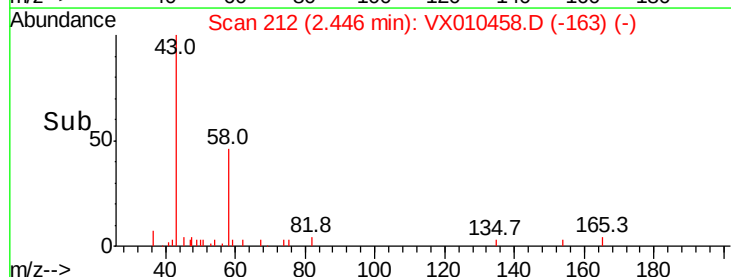
1500

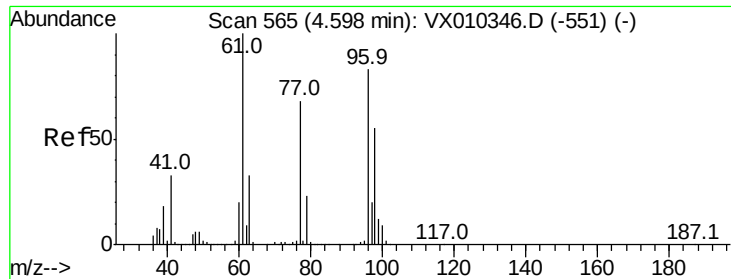
1000

500

0

Time--> 2.35 2.40 2.45 2.50



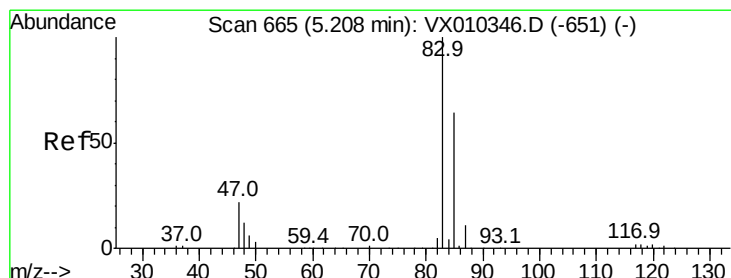
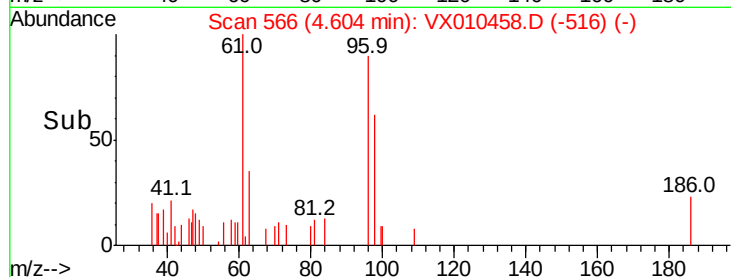
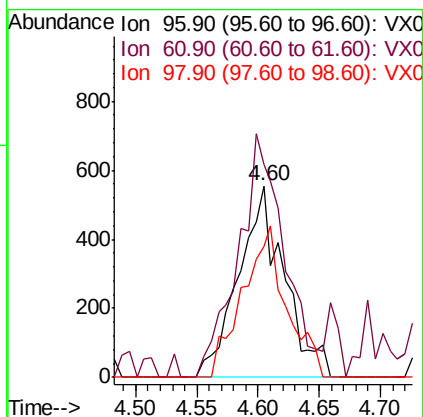
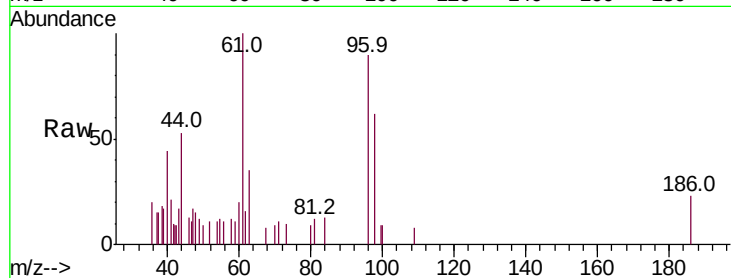


#27

cis-1,2-Dichloroethene
Concen: 0.522 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX010458.D
Acq: 26 Jun 2019 13:26

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW04D-M24W1-062019

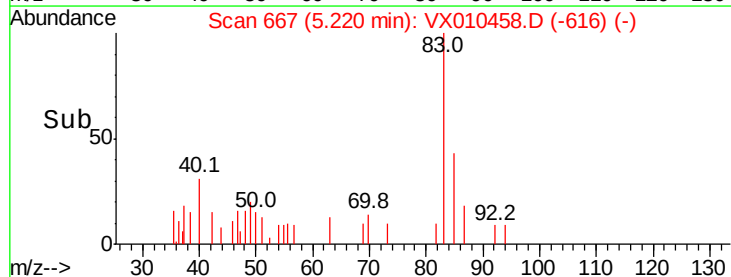
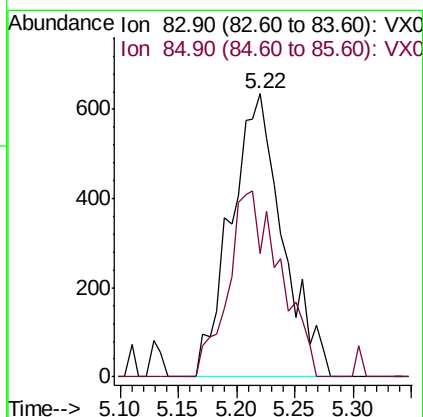
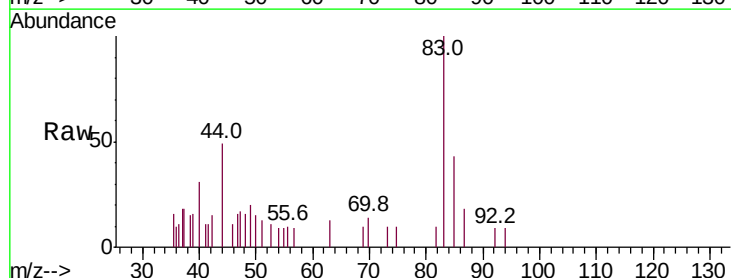
Tot Ion: 96 Resp: 1438
Ion Ratio Lower Upper
96 100
61 129.4 0.0 251.8
98 76.3 0.0 129.4

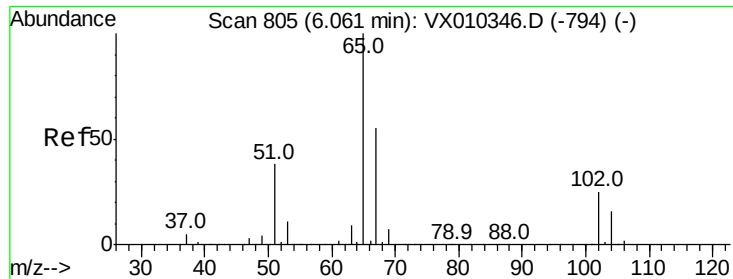


#30

Chloroform
Concen: 0.480 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010458.D
Acq: 26 Jun 2019 13:26

Tgt Ion: 83 Resp: 1964
Ion Ratio Lower Upper
83 100
85 43.5 50.9 76.3#

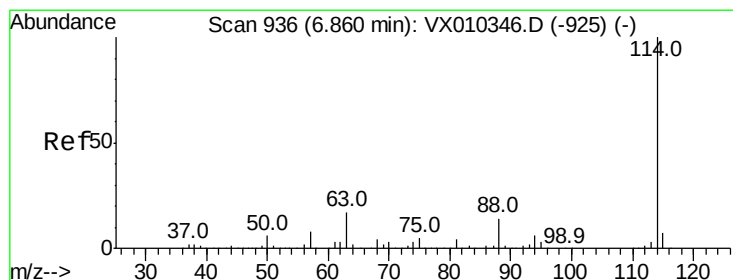
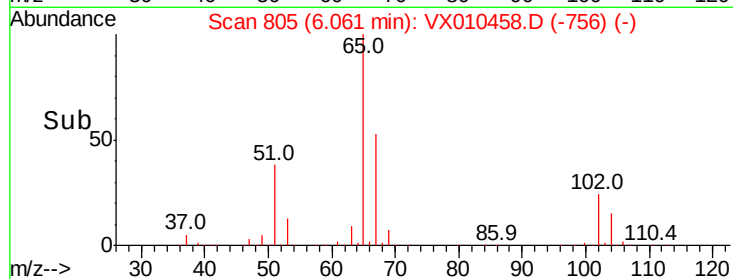
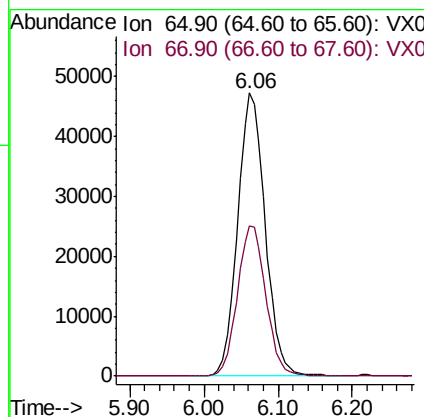
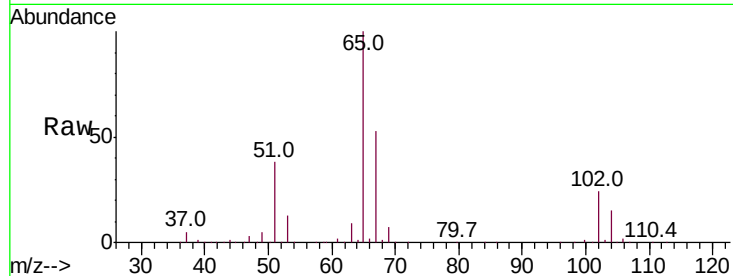




#33
 1,2-Dichloroethane-d4
 Concen: 51.194 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010458.D
 Acq: 26 Jun 2019 13:26

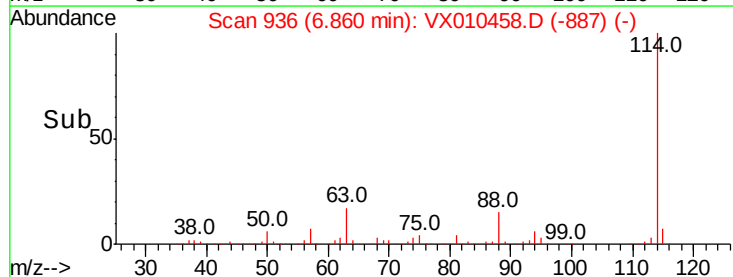
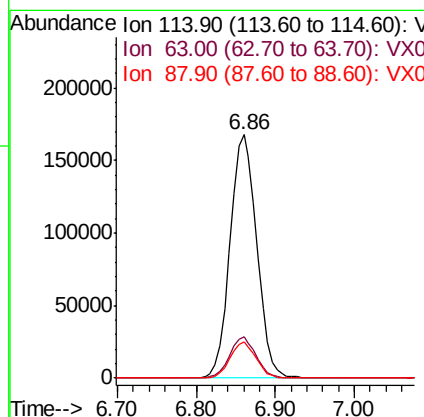
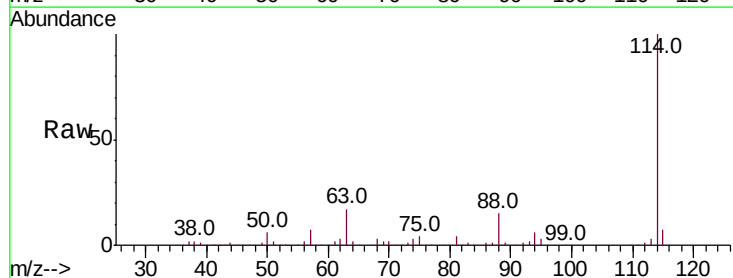
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW04D-M24W1-062019

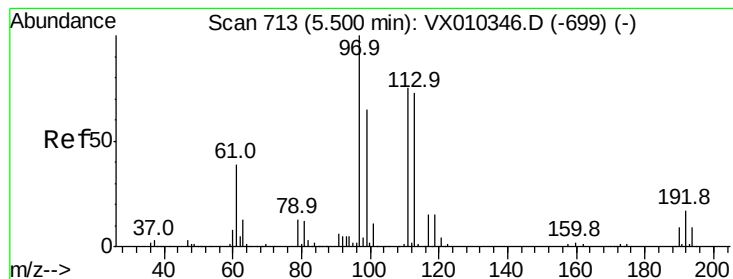
Tot Ion: 65 Resp: 122659
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010458.D
 Acq: 26 Jun 2019 13:26

Tgt Ion:114 Resp: 395434
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.341 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010458.D

Acq: 26 Jun 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW04D-M24W1-062019

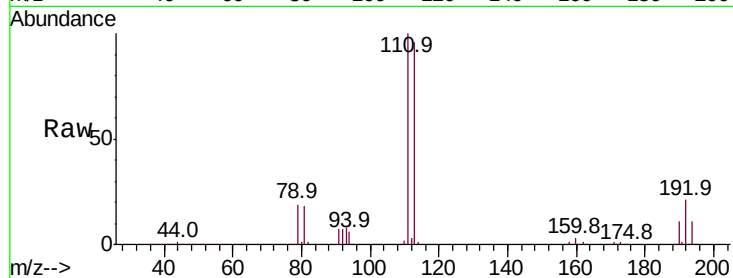
Tot Ion:113 Resp: 119375

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

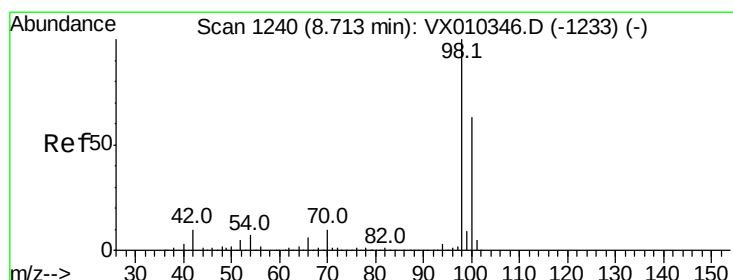
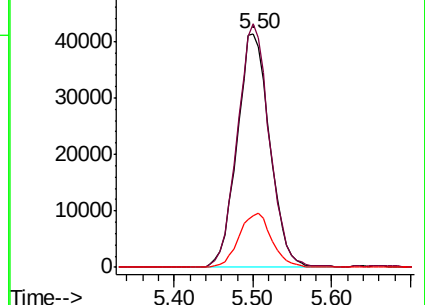
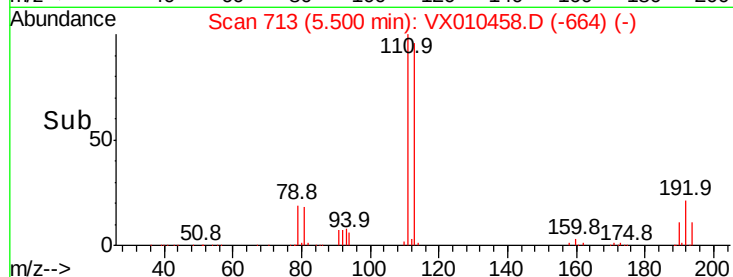
192 23.2 18.6 27.8



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: 50.296 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010458.D

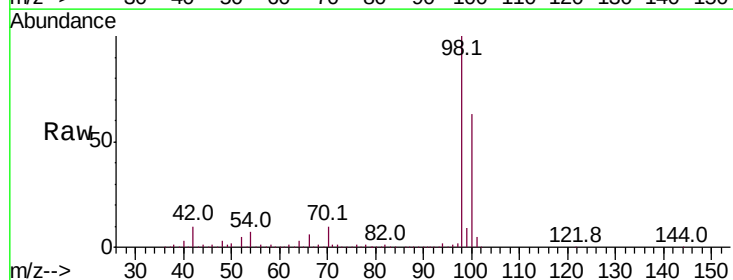
Acq: 26 Jun 2019 13:26

Tgt Ion: 98 Resp: 465547

Ion Ratio Lower Upper

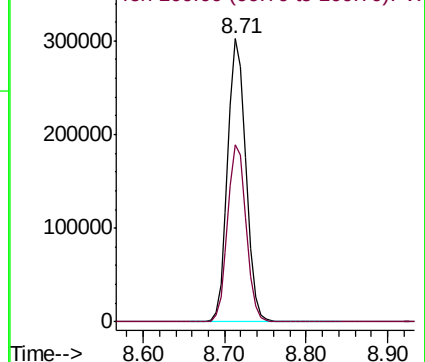
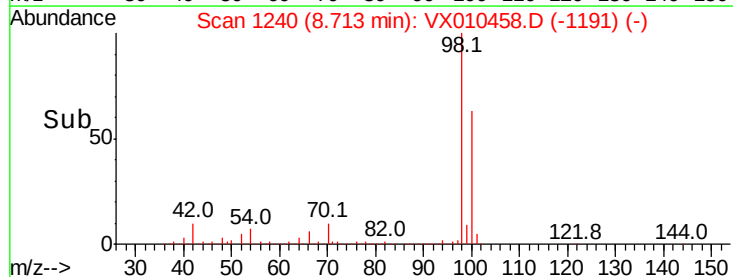
98 100

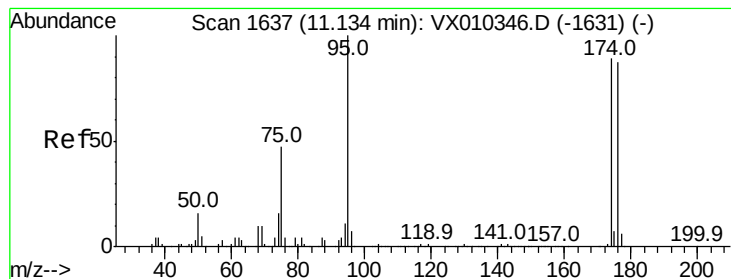
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.895 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010458.D

Acq: 26 Jun 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW04D-M24W1-062019

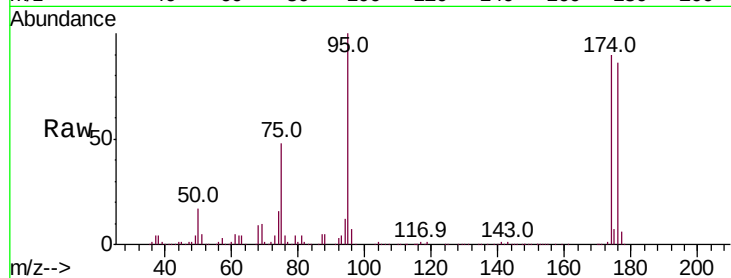
Tot Ion: 95 Resp: 153368

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.6

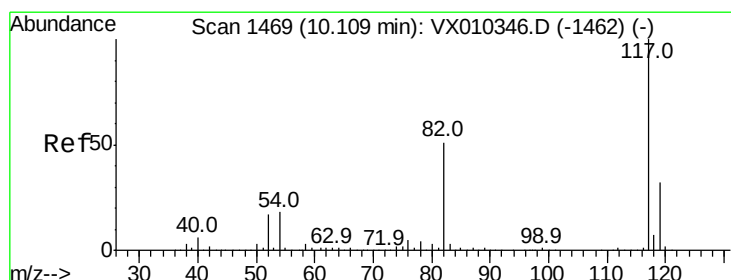
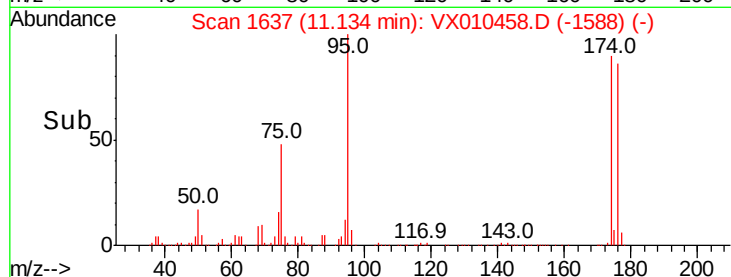
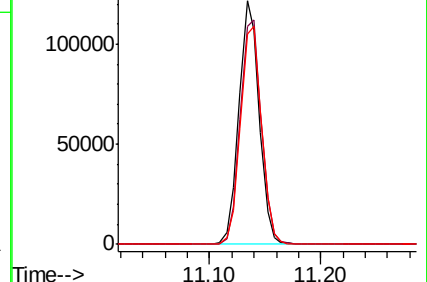
176 93.2 0.0 184.0



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: VX010458.D

Acq: 26 Jun 2019 13:26

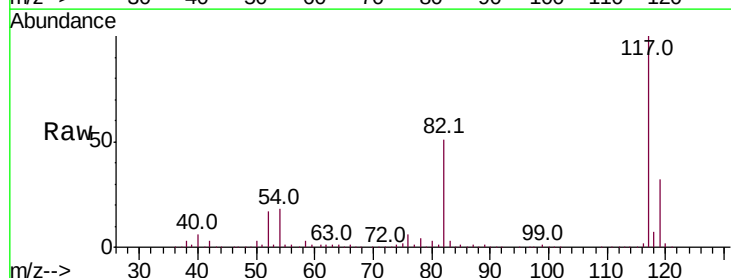
Tgt Ion: 117 Resp: 356095

Ion Ratio Lower Upper

117 100

82 51.1 41.2 61.8

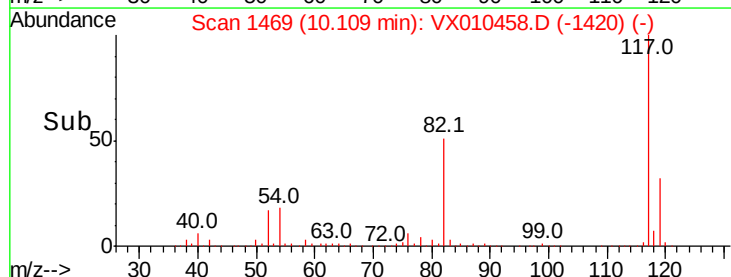
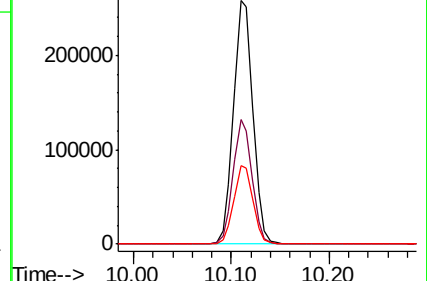
119 32.3 25.5 38.3

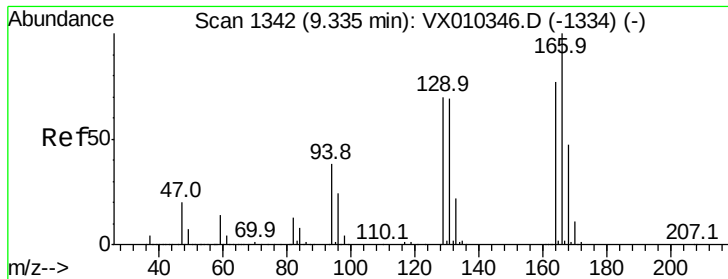


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

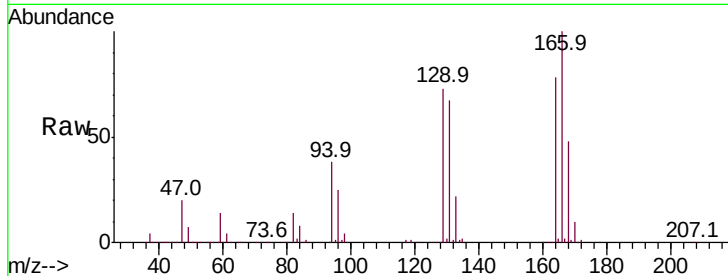




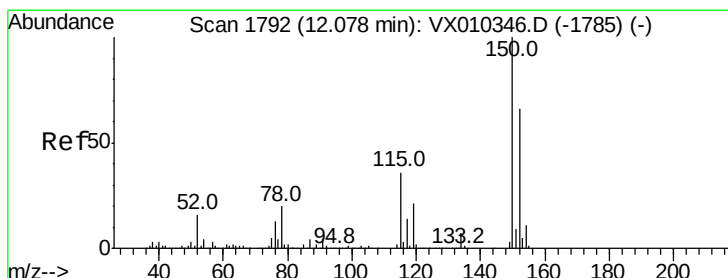
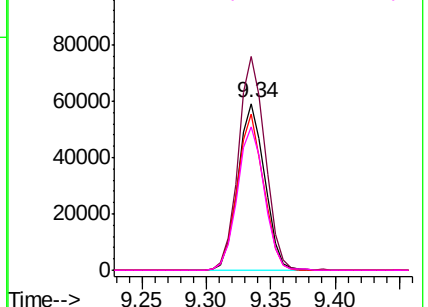
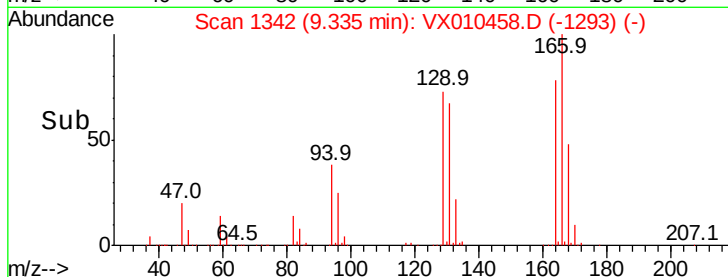
#64
Tetrachloroethene
Concen: 29.565 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010458.D
Acq: 26 Jun 2019 13:26

Instrument :
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Tot Ion:164 Resp: 85154
Ion Ratio Lower Upper
164 100
166 128.0 103.6 155.4
129 93.3 73.0 109.4
131 86.1 71.0 106.4

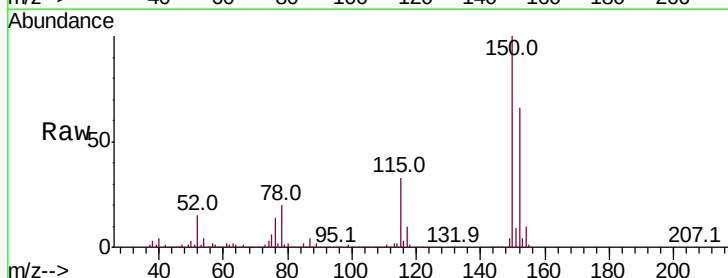


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010458.D
Acq: 26 Jun 2019 13:26

Tgt Ion:152 Resp: 162667
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 156.0 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

