

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008219.D
 Acq On : 20 Mar 2019 04:02
 Operator : JC/SP
 Sample : K1900-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP02-20190313

Quant Time: Mar 20 09:03:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

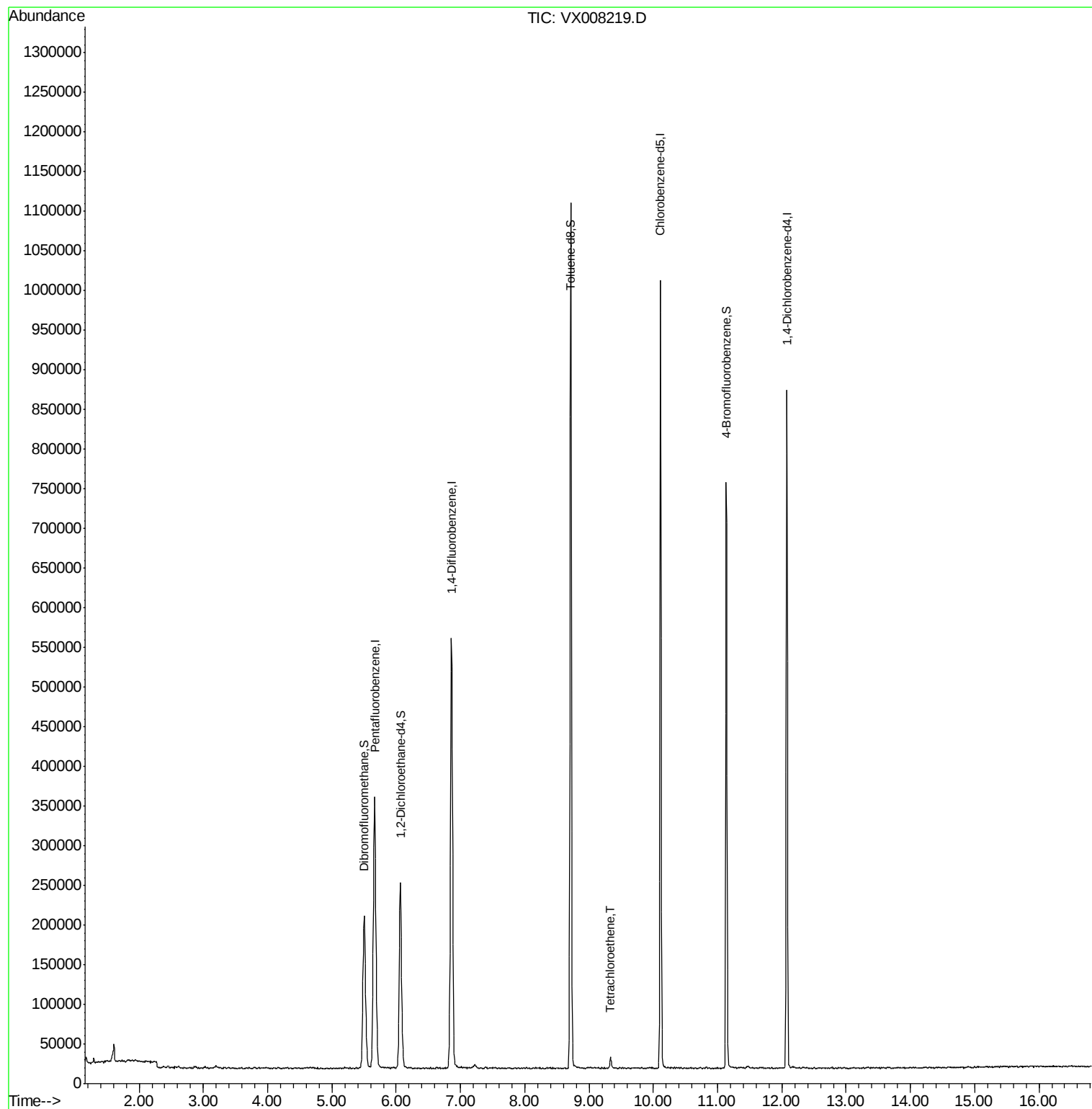
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	223833	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
35) Dibromofluoromethane	5.50	113	165256	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	8.71	98	632667	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	194312	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
Target Compounds						
64) Tetrachloroethene	9.34	164	2765	0.713	ug/l #	84

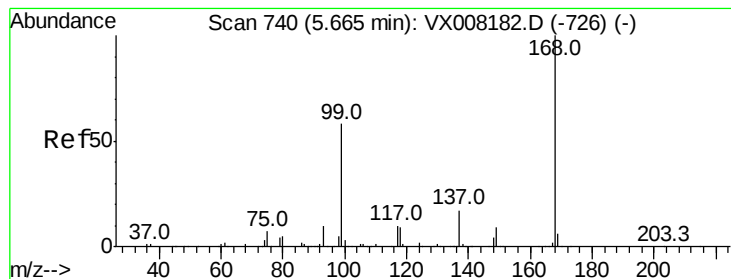
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008219.D

Acq: 20 Mar 2019 04:02

Instrument :

MSVOA_X

ClientSampleId :

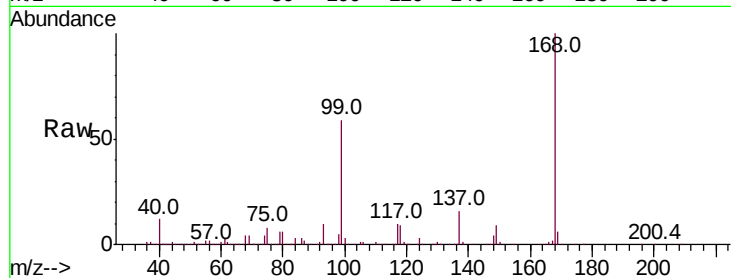
BP-DUP02-20190313

Tot Ion:168 Resp: 316631

Ion Ratio Lower Upper

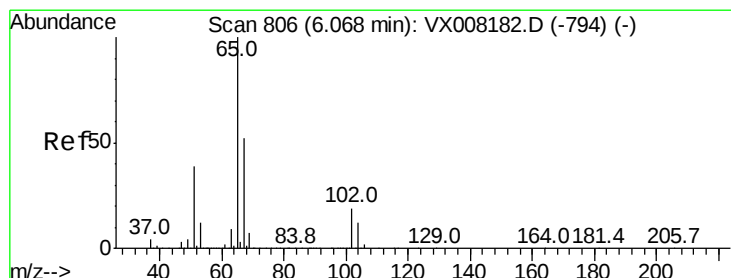
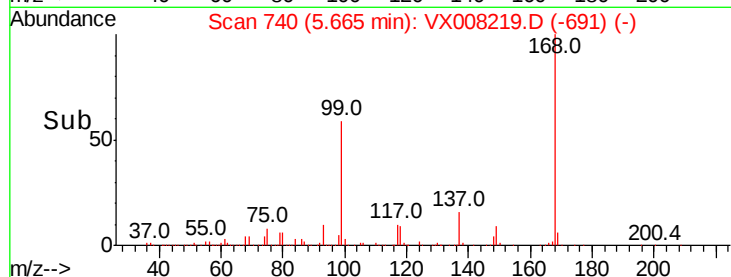
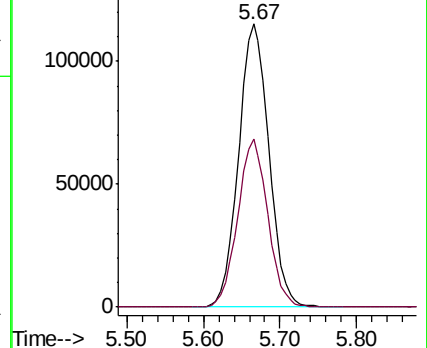
168 100

99 59.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.937 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008219.D

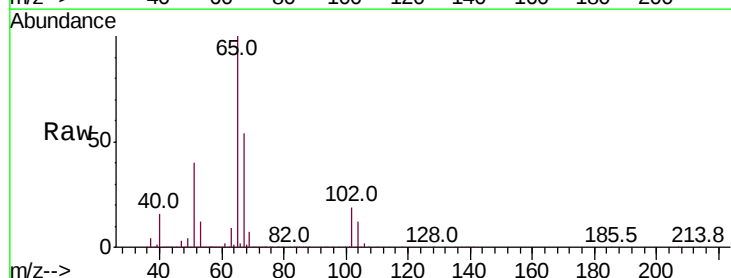
Acq: 20 Mar 2019 04:02

Tgt Ion: 65 Resp: 223833

Ion Ratio Lower Upper

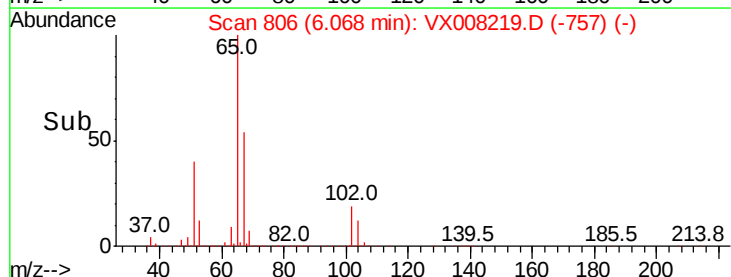
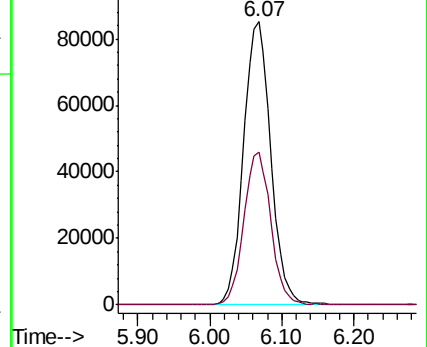
65 100

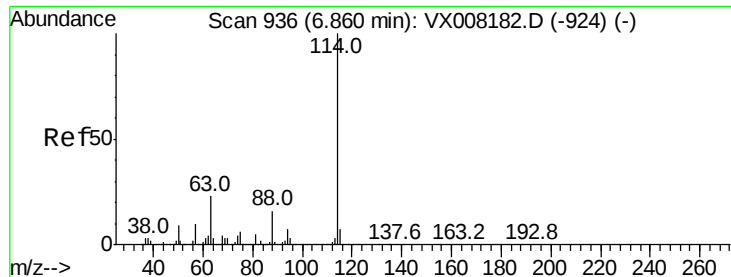
67 53.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008219.D

Acq: 20 Mar 2019 04:02

Instrument :

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ClientSampleId :

BP-DUP02-20190313

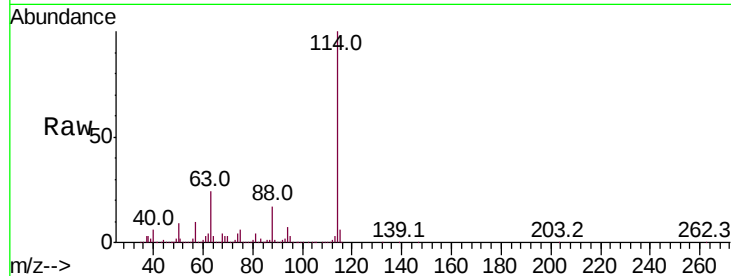
Tot Ion:114 Resp: 521261

Ion Ratio Lower Upper

114 100

63 23.7 0.0 39.8

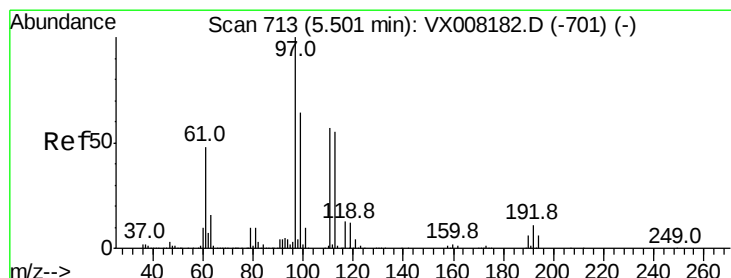
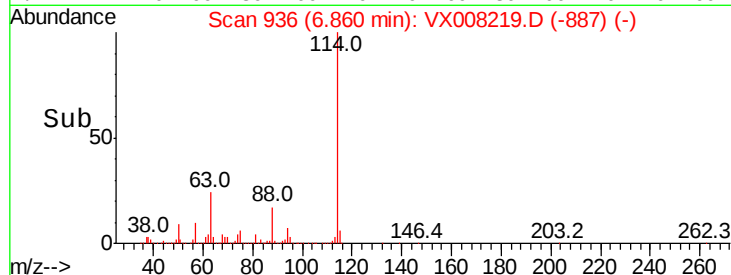
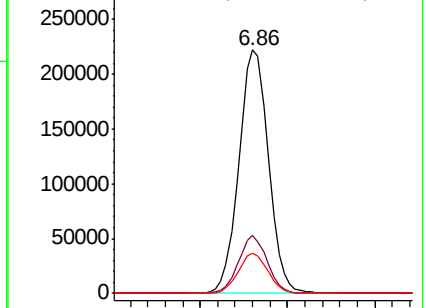
88 16.7 0.0 31.4



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: 47.358 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008219.D

Acq: 20 Mar 2019 04:02

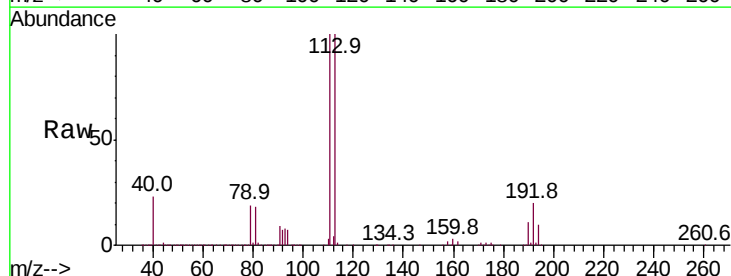
Tgt Ion:113 Resp: 165256

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

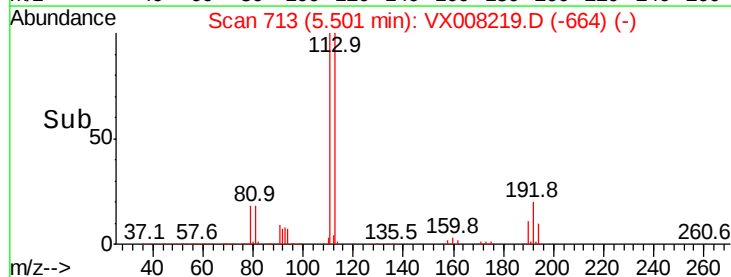
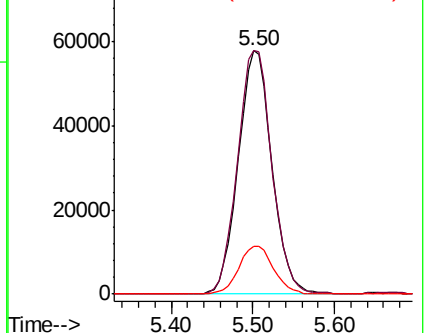
192 20.2 19.4 29.0

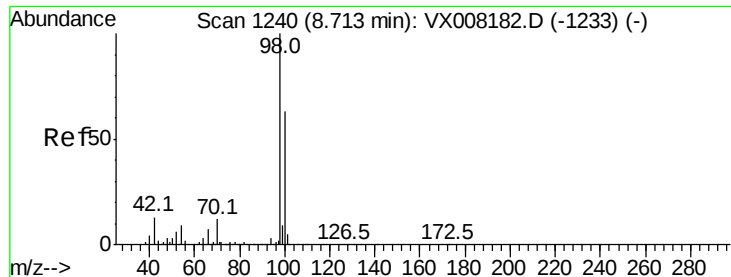


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

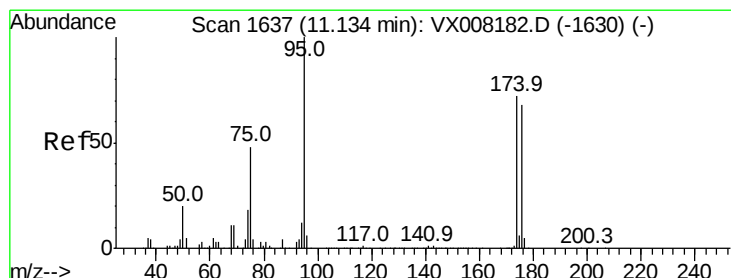
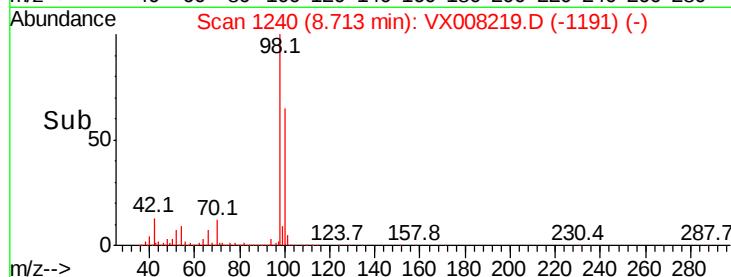
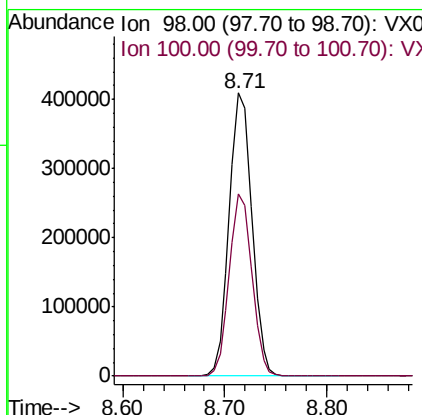
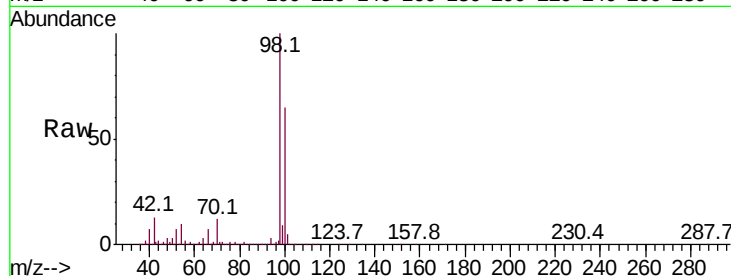




#50
Toluene-d8
Concen: 47.821 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008219.D
Acq: 20 Mar 2019 04:02

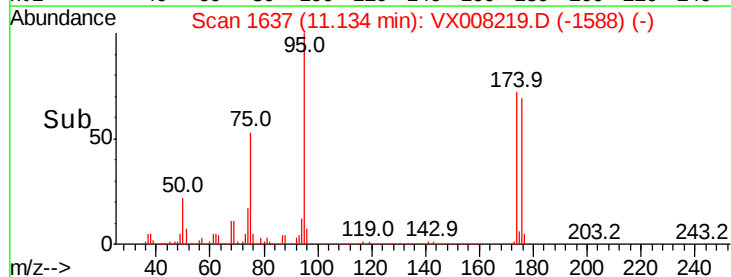
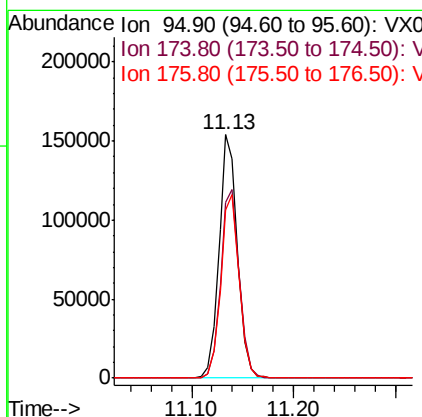
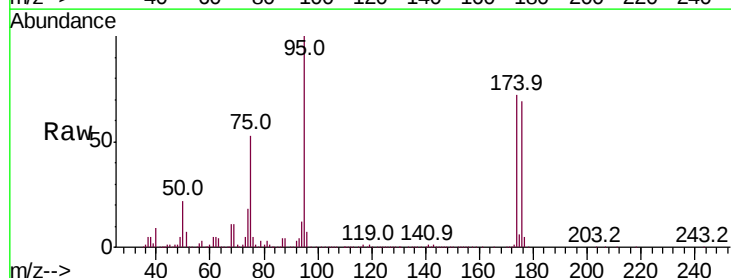
Instrument :
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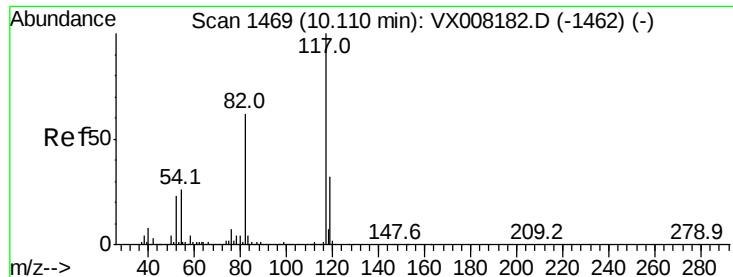
Tot Ion: 98 Resp: 632667
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.656 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008219.D
Acq: 20 Mar 2019 04:02

Tgt Ion: 95 Resp: 194312
Ion Ratio Lower Upper
95 100
174 78.3 0.0 182.8
176 75.5 0.0 178.0

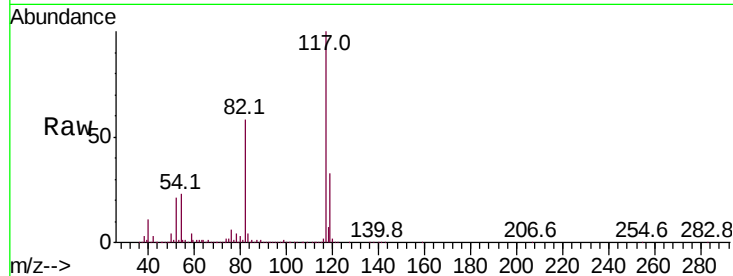




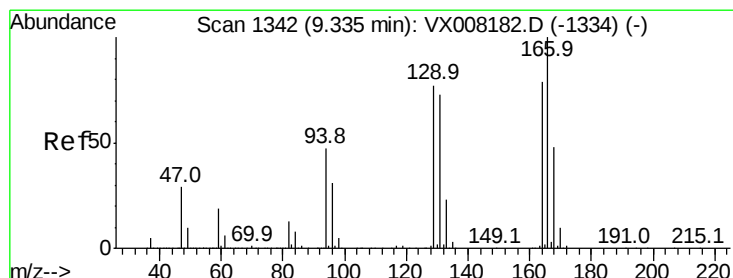
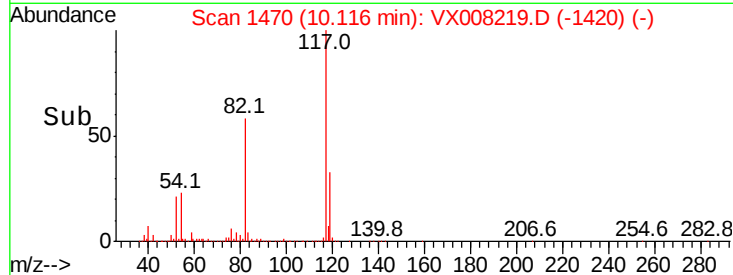
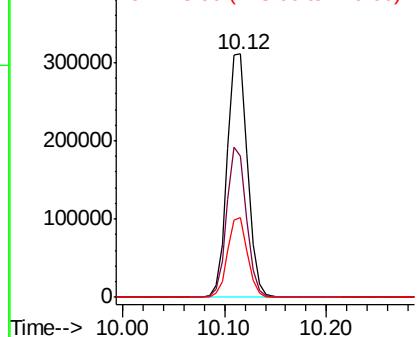
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008219.D
Acq: 20 Mar 2019 04:02

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP02-20190313

Tot Ion:117 Resp: 429565
Ion Ratio Lower Upper
117 100
82 57.8 44.3 66.5
119 32.6 25.3 37.9

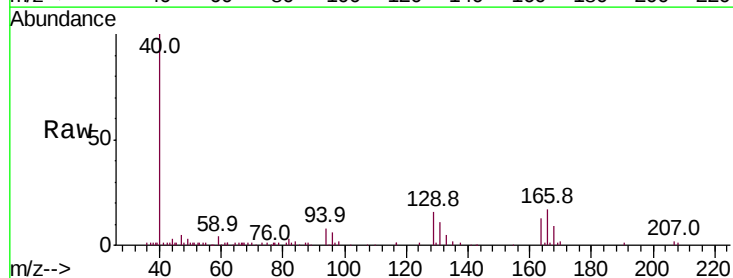


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

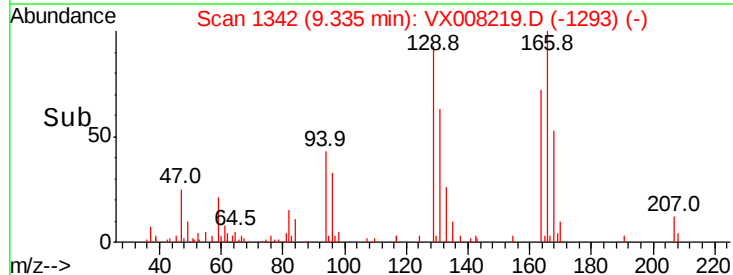
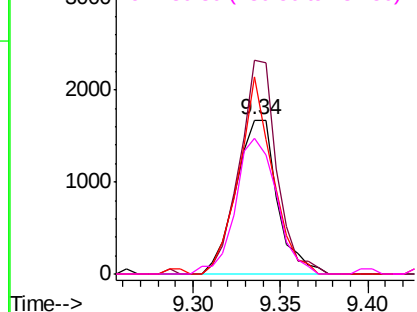


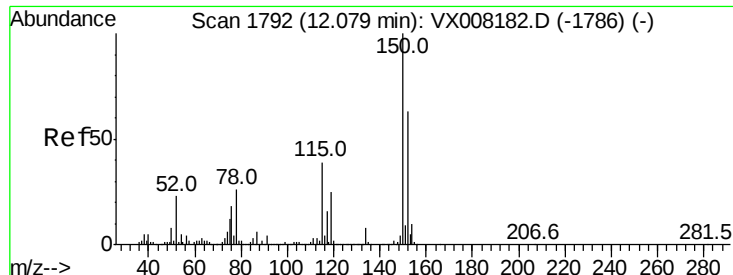
#64
Tetrachloroethene
Concen: 0.713 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008219.D
Acq: 20 Mar 2019 04:02

Tgt Ion:164 Resp: 2765
Ion Ratio Lower Upper
164 100
166 138.9 103.4 155.0
129 128.5 72.2 108.4#
131 87.8 69.4 104.2



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: VX008219.D

Acq: 20 Mar 2019 04:02

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20190313

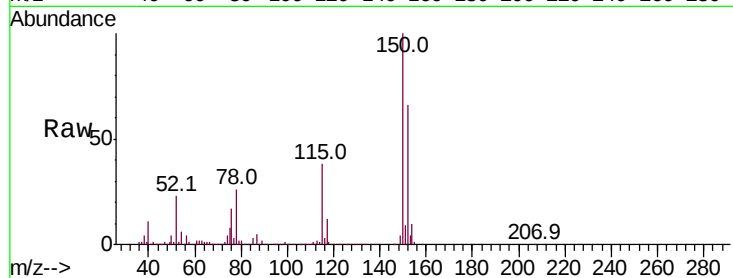
Tot Ion:152 Resp: 165812

Ion Ratio Lower Upper

152 100

115 60.0 38.6 115.7

150 155.7 0.0 348.4



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

