

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009946.D
 Acq On : 29 May 2019 17:36
 Operator : JC/SP
 Sample : PB120132TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB120132TB

Quant Time: May 30 03:10:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

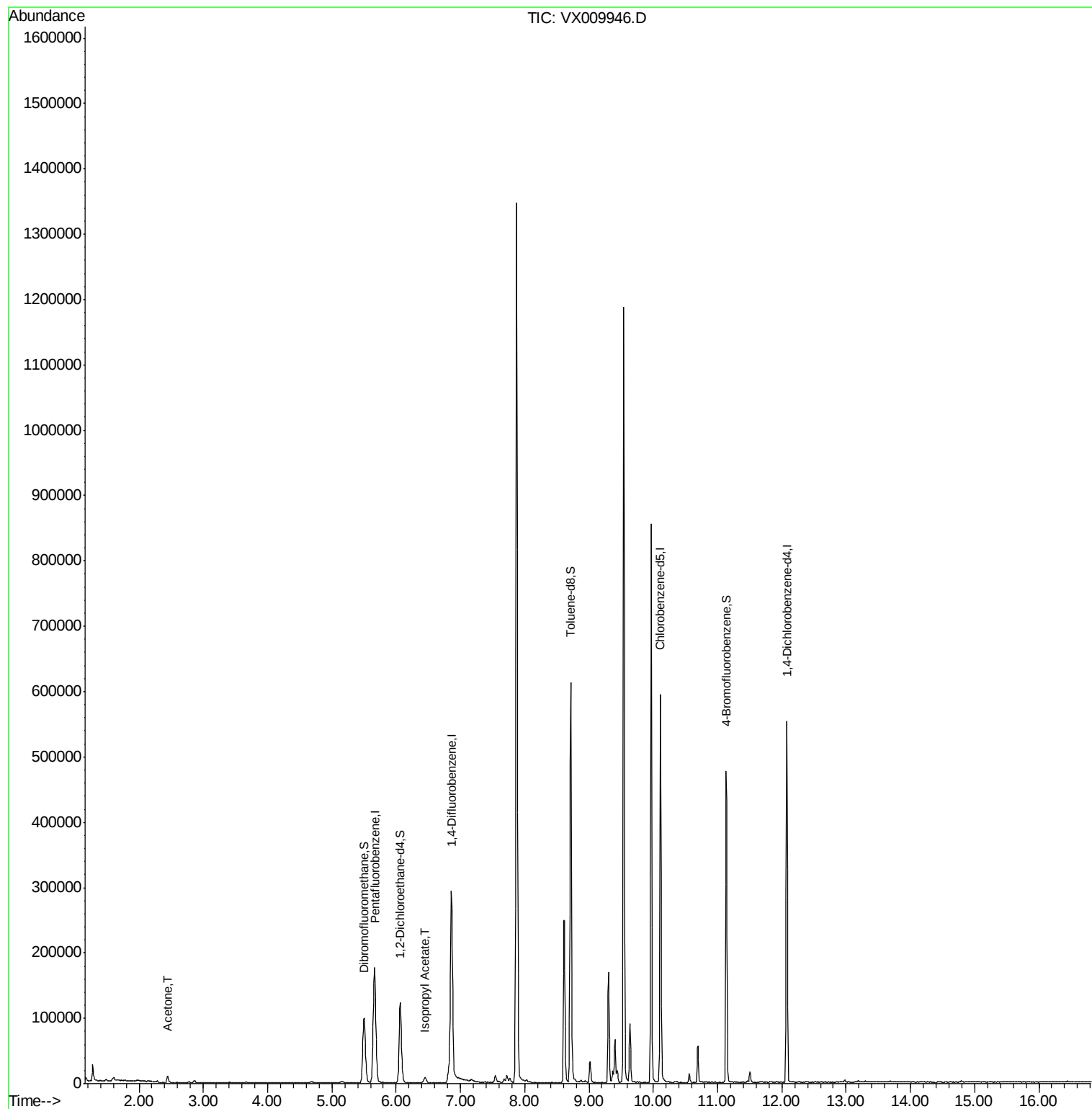
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116902	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	5.50	113	85866	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	356724	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	123020	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
16) Acetone	2.44	43	11595	8.323	ug/l	93
43) Isopropyl Acetate	6.45	43	12936	2.053	ug/l	98

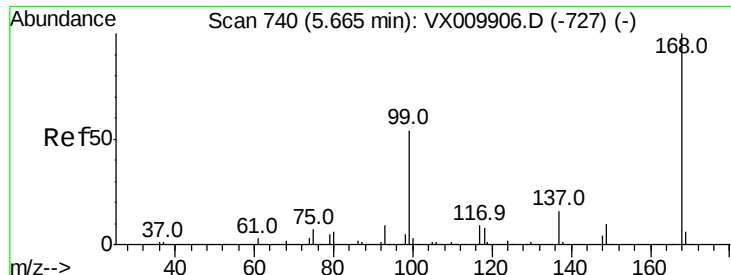
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009946.D

Acq: 29 May 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

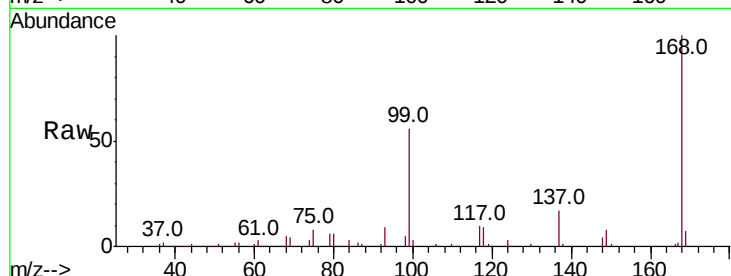
PB120132TB

Tot Ion:168 Resp: 170685

Ion Ratio Lower Upper

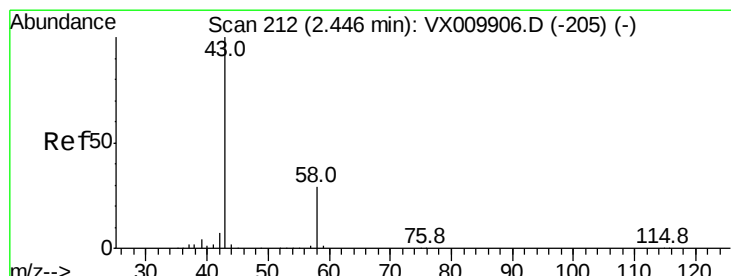
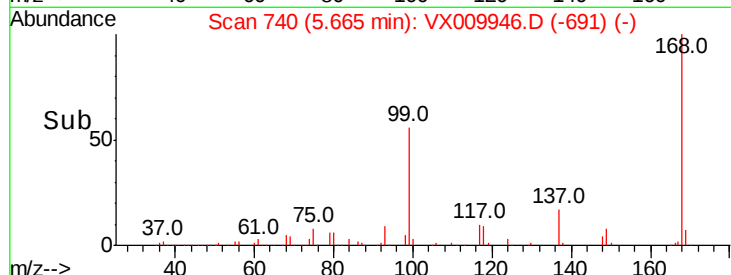
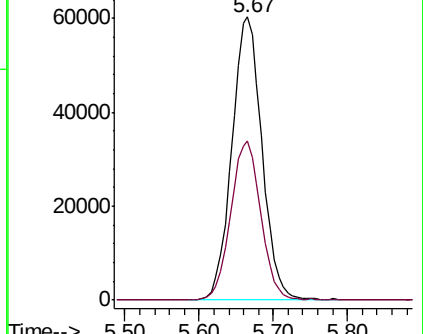
168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.323 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009946.D

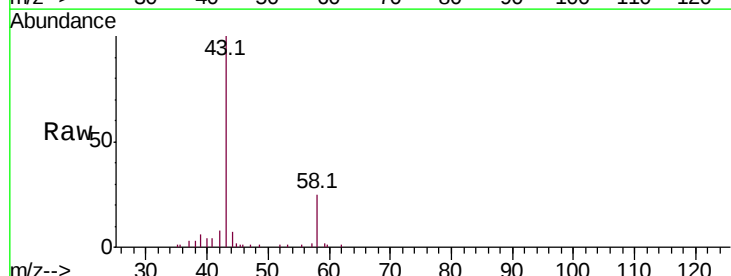
Acq: 29 May 2019 17:36

Tgt Ion: 43 Resp: 11595

Ion Ratio Lower Upper

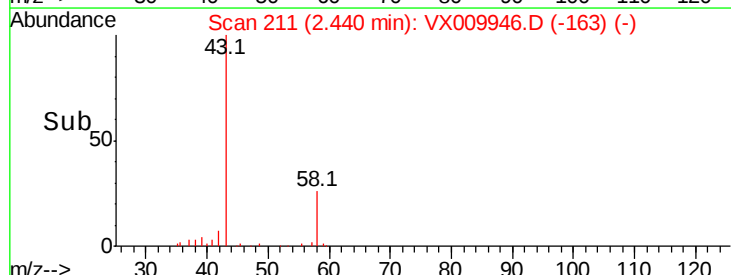
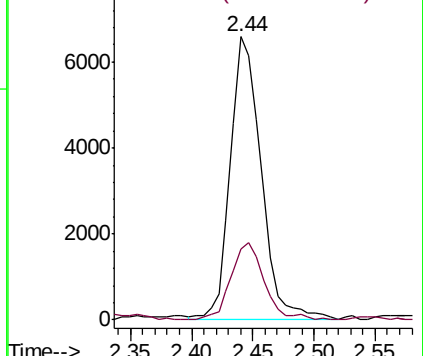
43 100

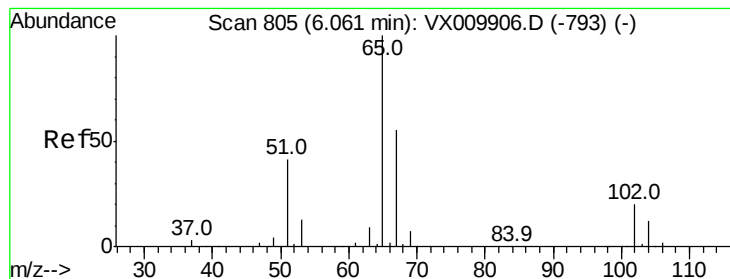
58 25.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.485 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009946.D

Acq: 29 May 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

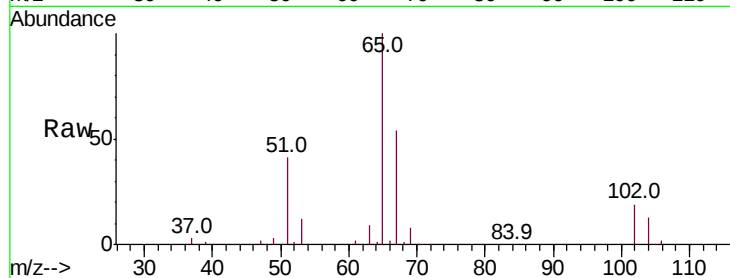
PB120132TB

Tot Ion: 65 Resp: 116902

Ion Ratio Lower Upper

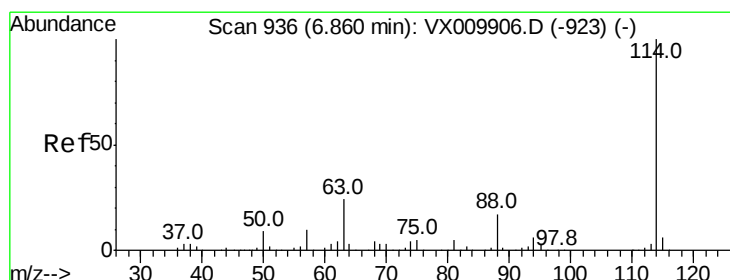
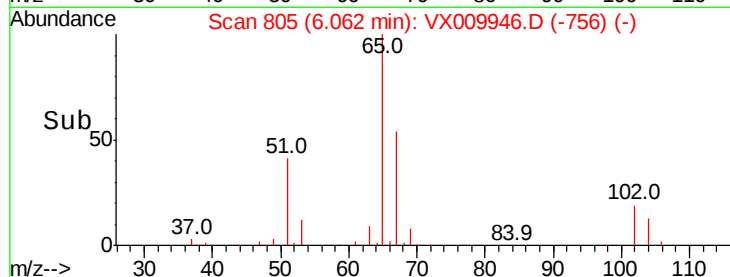
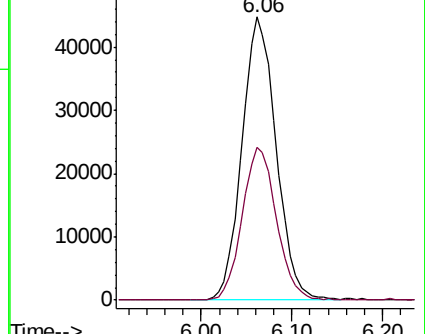
65 100

67 54.3 0.0 108.4



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: VX009946.D

Acq: 29 May 2019 17:36

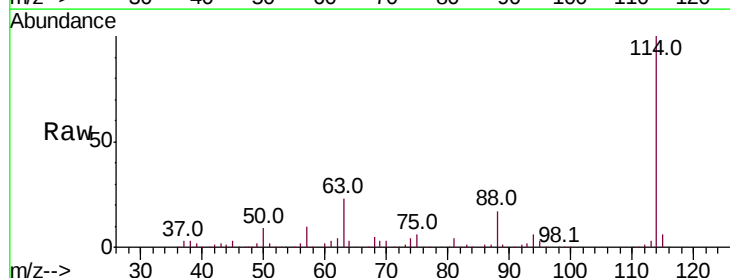
Tgt Ion:114 Resp: 276248

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.4

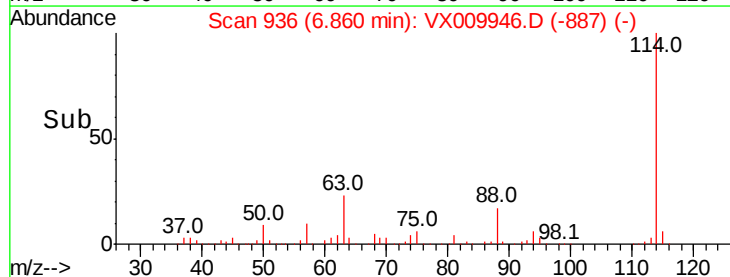
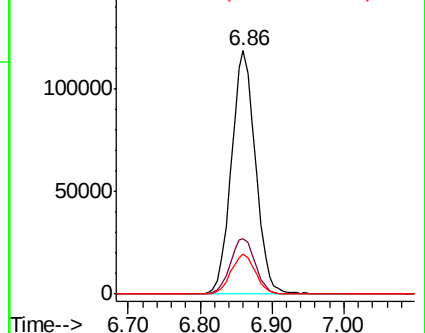
88 16.6 0.0 33.0

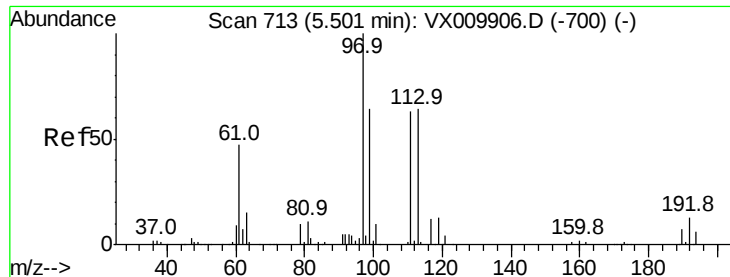


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.440 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009946.D

Acq: 29 May 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

PB120132TB

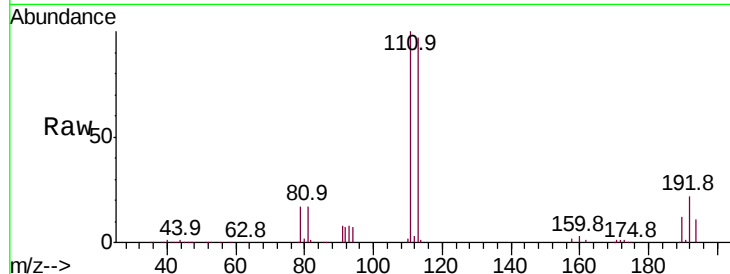
Tot Ion:113 Resp: 85866

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

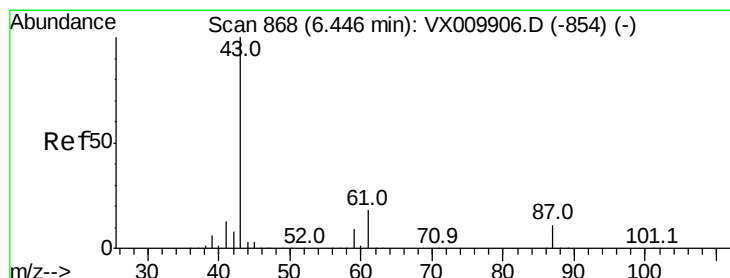
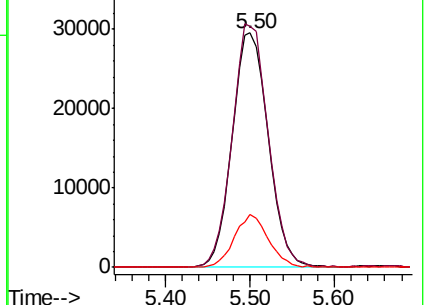
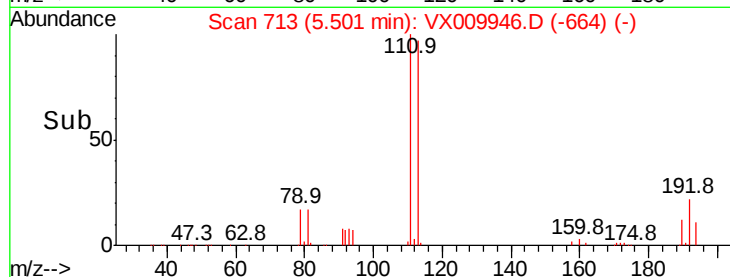
192 21.2 17.1 25.7



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



#43

Isopropyl Acetate

Concen: 2.053 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009946.D

Acq: 29 May 2019 17:36

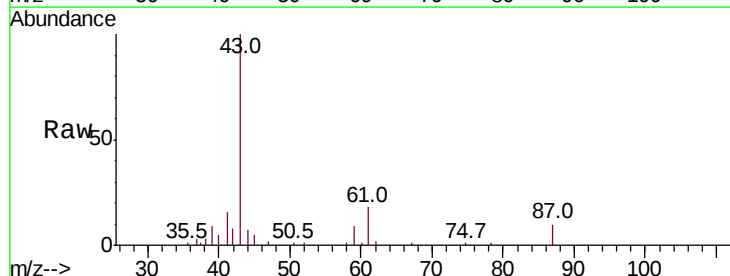
Tgt Ion: 43 Resp: 12936

Ion Ratio Lower Upper

43 100

61 19.2 14.6 21.8

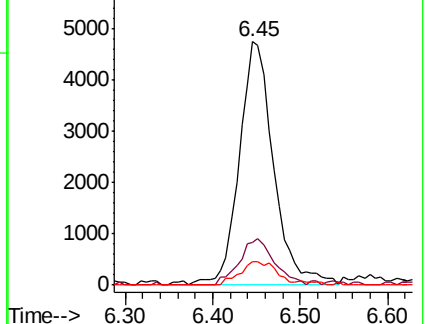
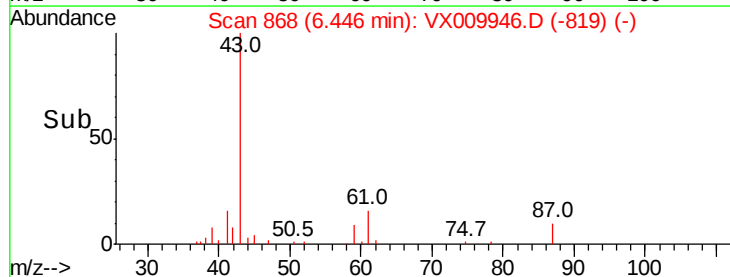
87 10.3 8.7 13.1

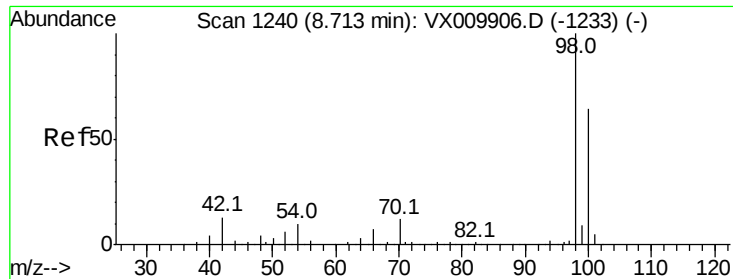


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.580 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009946.D

Acq: 29 May 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

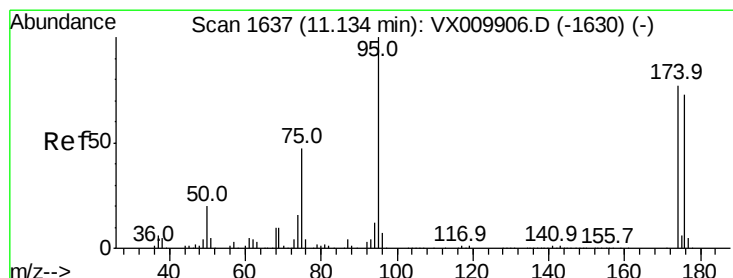
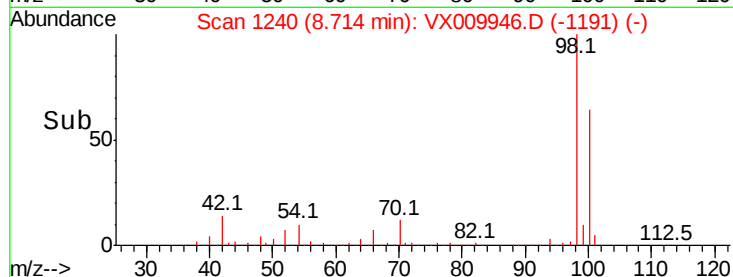
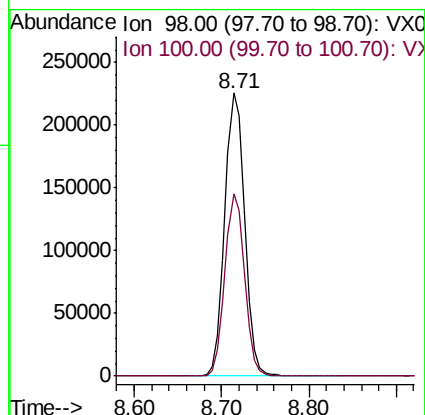
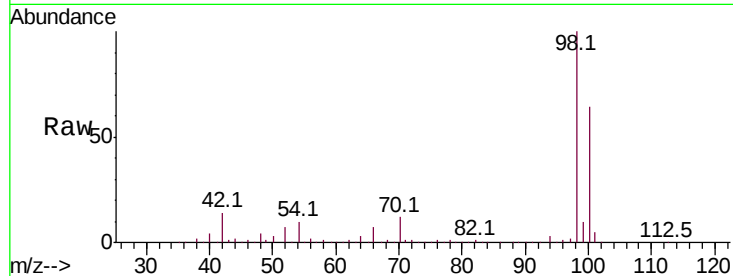
PB120132TB

Tot Ion: 98 Resp: 356724

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 48.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009946.D

Acq: 29 May 2019 17:36

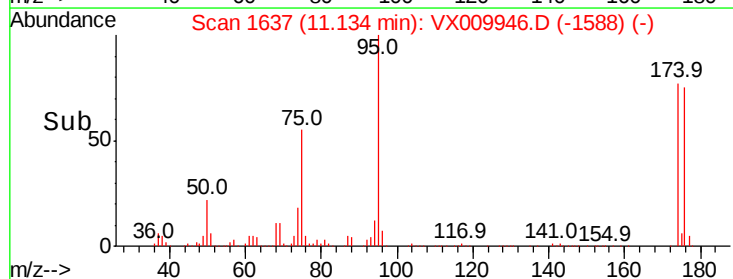
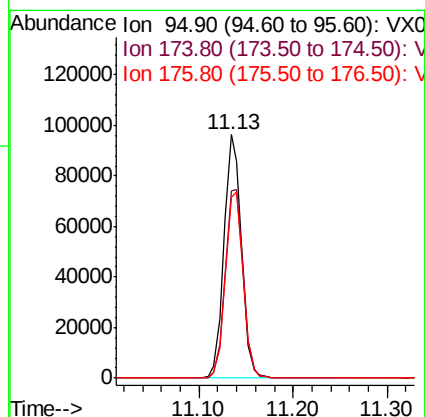
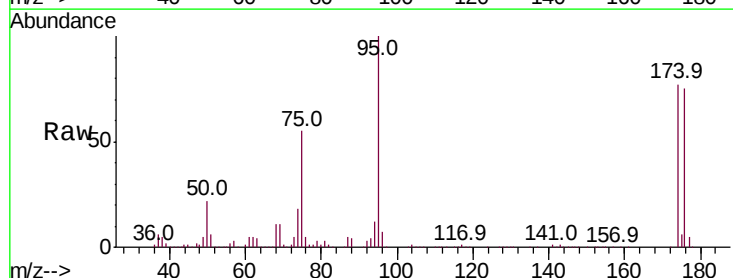
Tgt Ion: 95 Resp: 123020

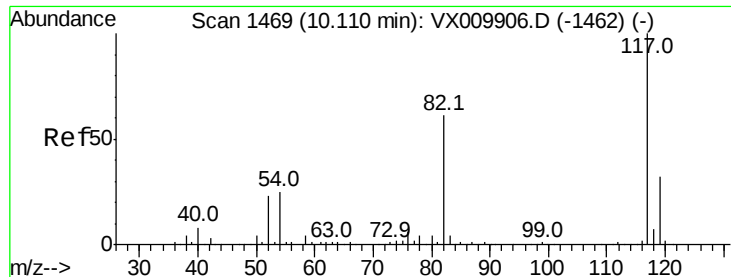
Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.4

176 77.8 0.0 154.6

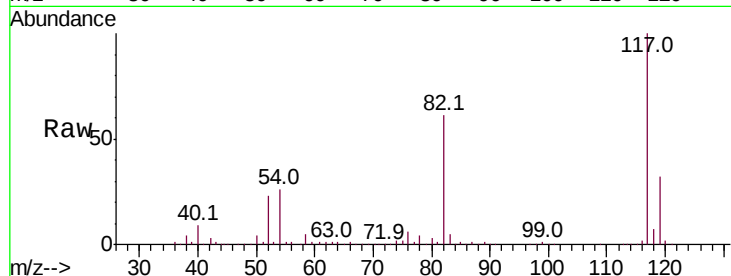




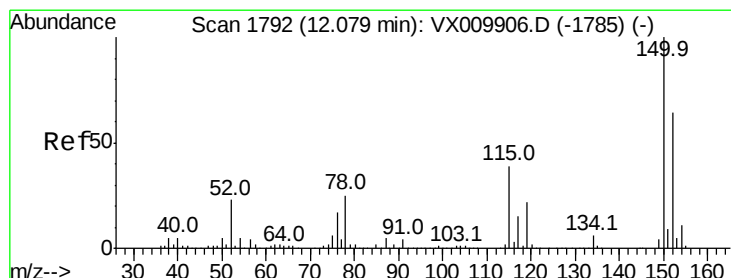
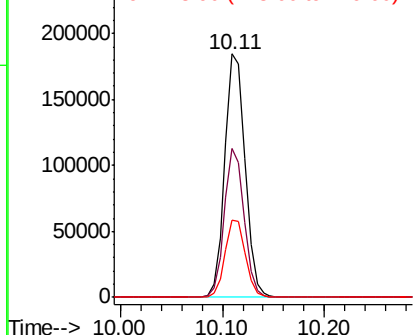
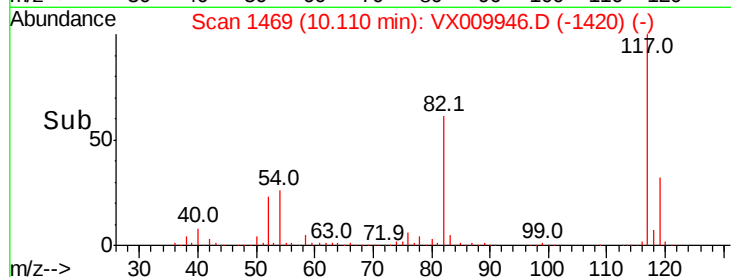
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009946.D
Acq: 29 May 2019 17:36

Instrument :
MSVOA_X
ClientSampleId :
PB120132TB

Tot Ion:117 Resp: 255028
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.7 25.2 37.8

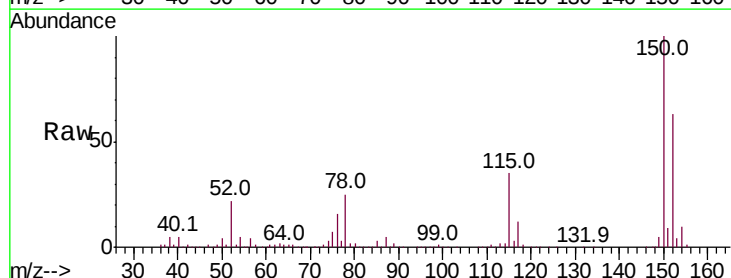


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009946.D
Acq: 29 May 2019 17:36

Tgt Ion:152 Resp: 111341
Ion Ratio Lower Upper
152 100
115 58.8 41.4 124.2
150 158.8 0.0 345.2



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

