

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009855.D
 Acq On : 23 May 2019 13:57
 Operator : JC/SP
 Sample : K3000-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-TB-2019-2

Quant Time: May 24 04:10:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122021	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	5.50	113	86825	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	358360	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	117301	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	

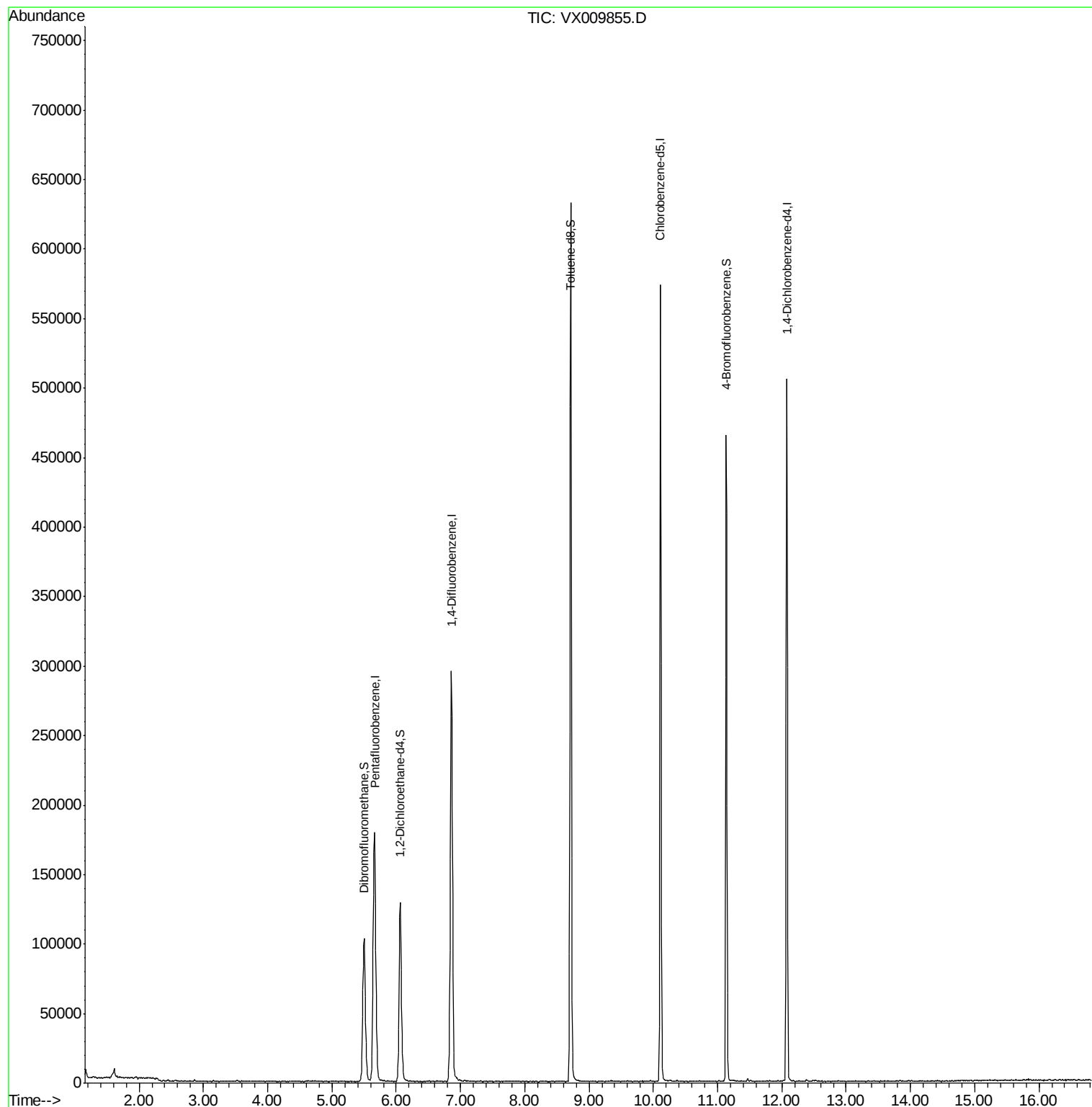
Target Compounds	Qvalue
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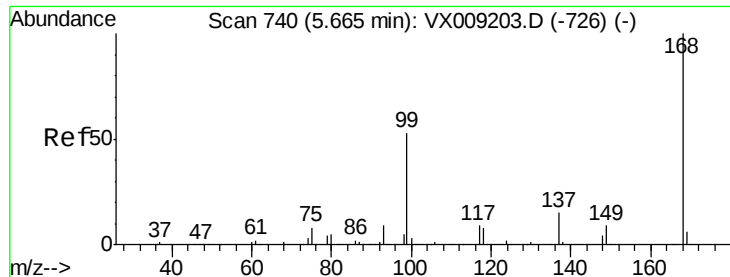
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009855.D

Acq: 23 May 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

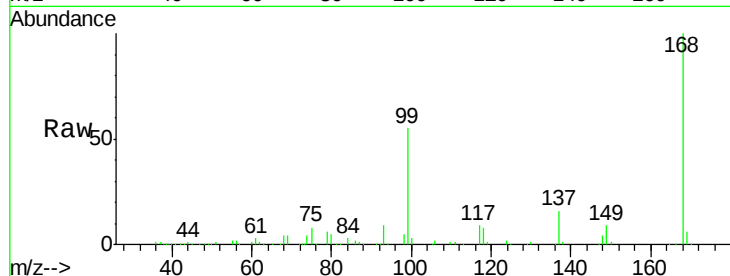
S36-TB-2019-2

Tot Ion:168 Resp: 175922

Ion Ratio Lower Upper

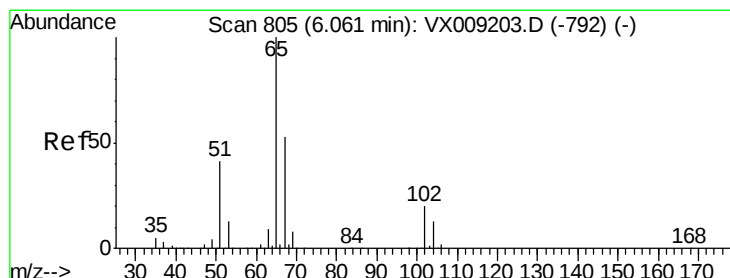
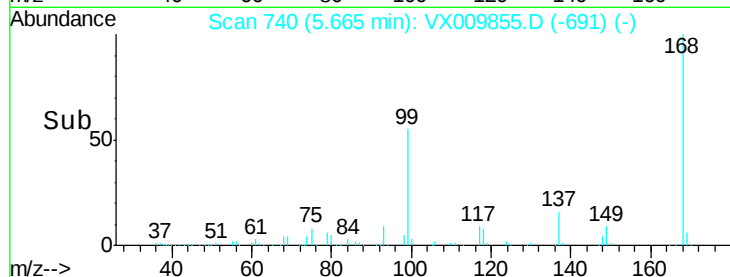
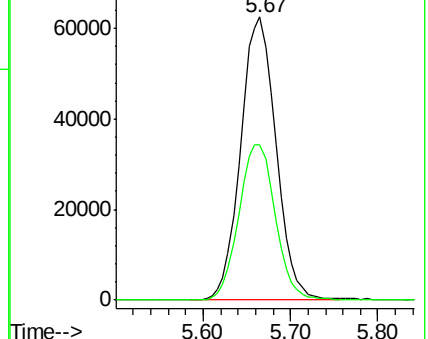
168 100

99 54.7 42.3 63.5



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: 50.809 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009855.D

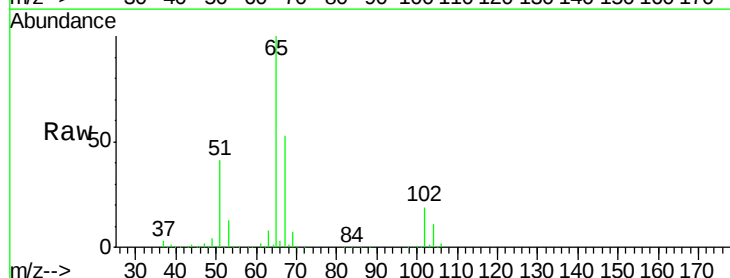
Acq: 23 May 2019 13:57

Tgt Ion: 65 Resp: 122021

Ion Ratio Lower Upper

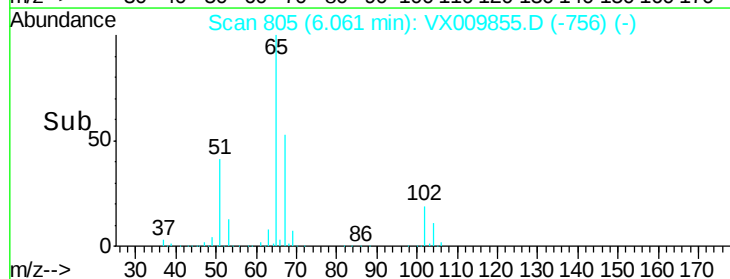
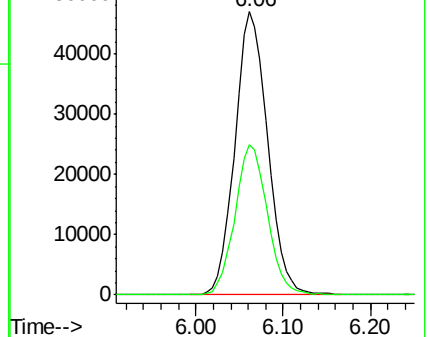
65 100

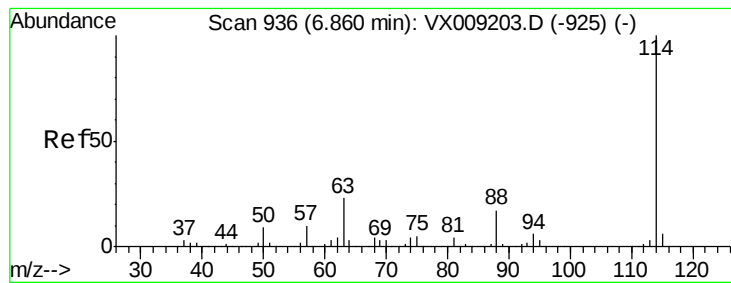
67 52.6 0.0 106.6



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: VX009855.D

Acq: 23 May 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

S36-TB-2019-2

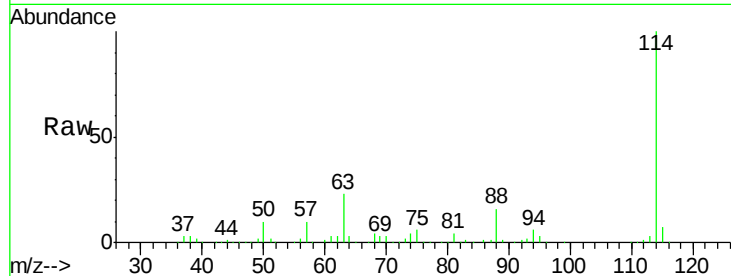
Tot Ion:114 Resp: 282895

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

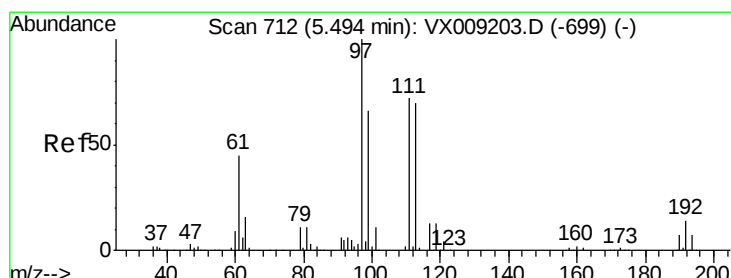
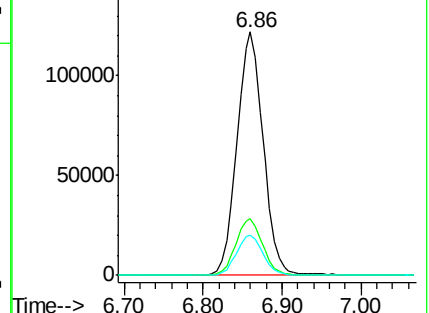
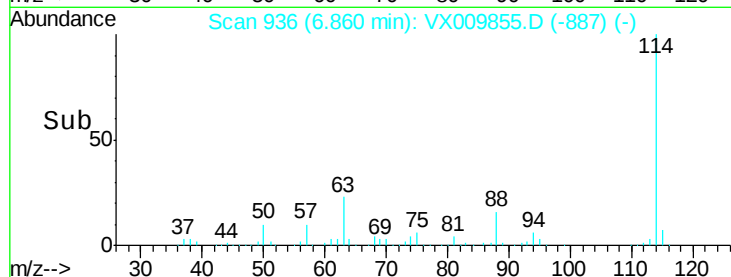
88 16.3 0.0 33.2



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: 48.822 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009855.D

Acq: 23 May 2019 13:57

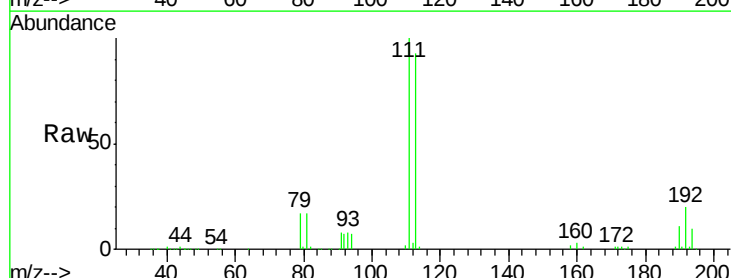
Tgt Ion:113 Resp: 86825

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

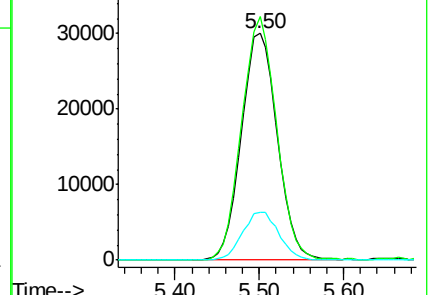
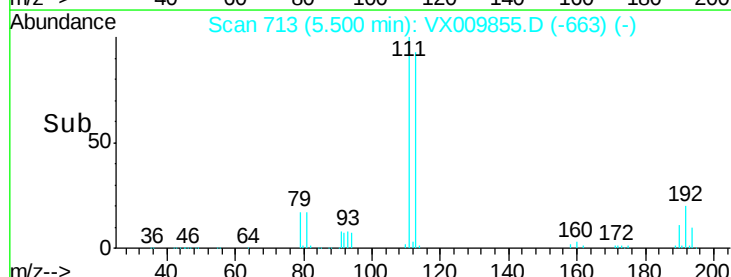
192 21.5 17.0 25.6

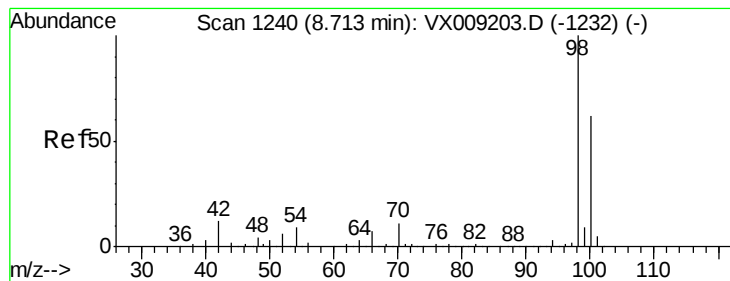


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.912 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009855.D

Acq: 23 May 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

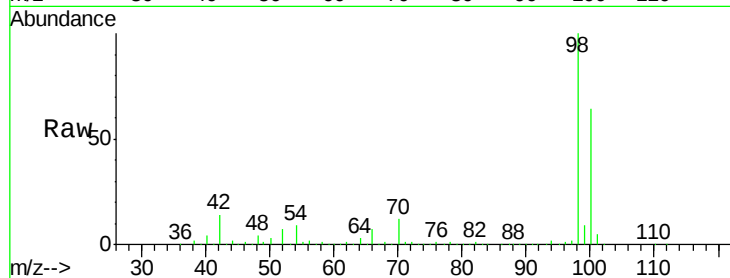
S36-TB-2019-2

Tot Ion: 98 Resp: 358360

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

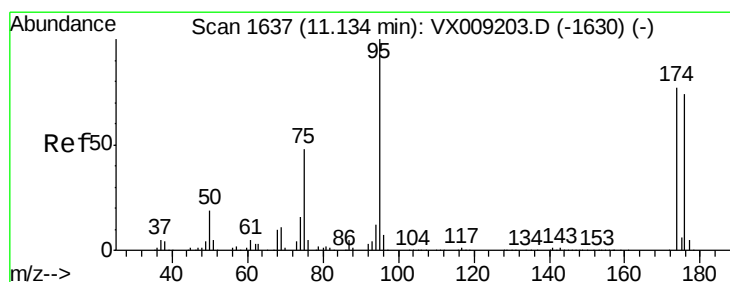
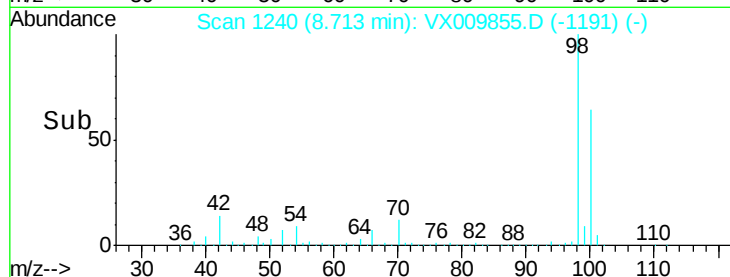
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.962 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009855.D

Acq: 23 May 2019 13:57

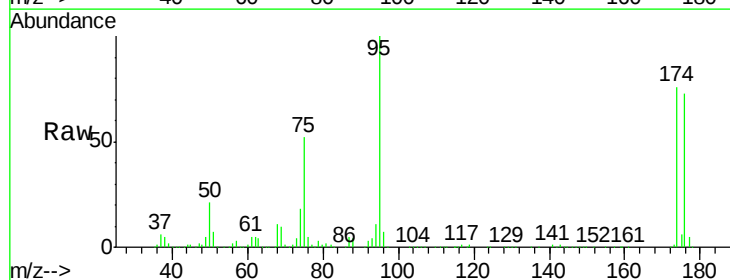
Tgt Ion: 95 Resp: 117301

Ion Ratio Lower Upper

95 100

174 80.5 0.0 161.6

176 78.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

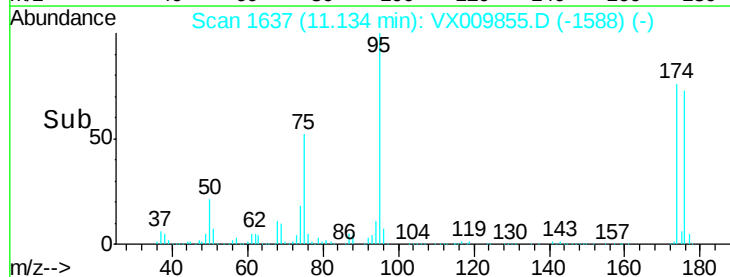
20000

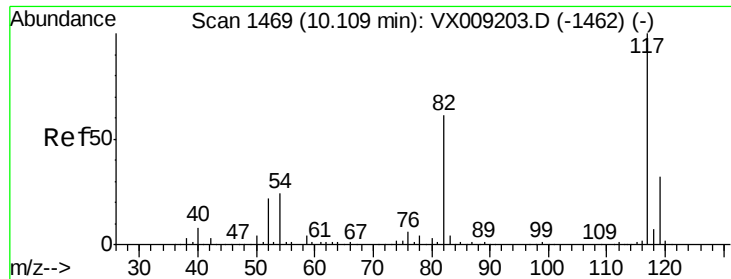
0

11.10

11.20

Time-->

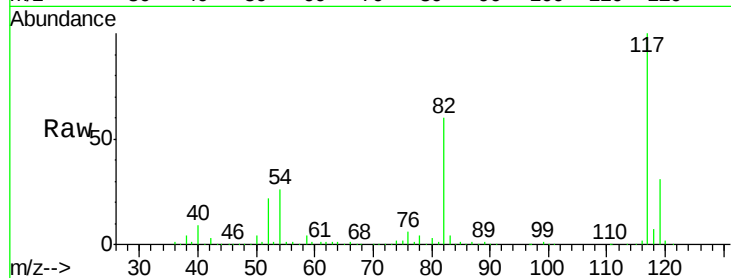




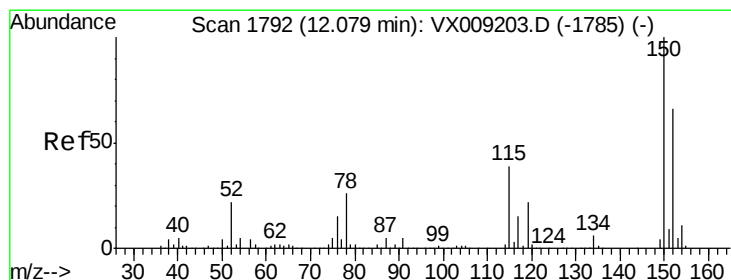
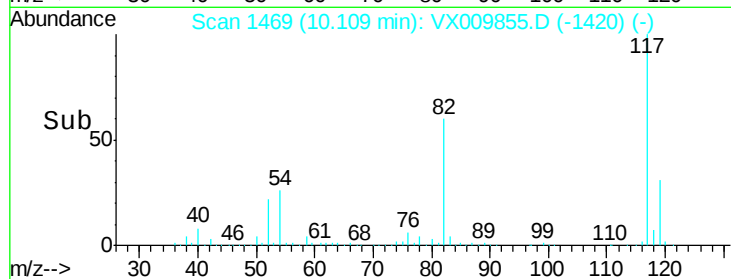
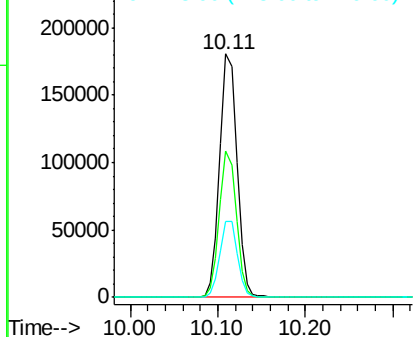
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009855.D
Acq: 23 May 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
S36-TB-2019-2

Tot Ion:117 Resp: 248203
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 31.4 25.8 38.6

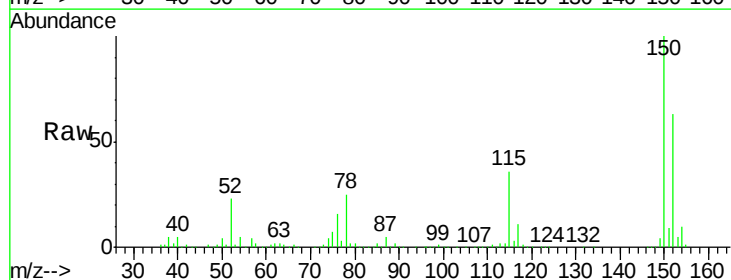


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009855.D
Acq: 23 May 2019 13:57

Tgt Ion:152 Resp: 101646
Ion Ratio Lower Upper
152 100
115 59.4 41.2 123.6
150 158.1 0.0 346.4



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

