

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009885.D
 Acq On : 24 May 2019 14:37
 Operator : JC/SP
 Sample : K3032-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-3

Quant Time: May 25 01:15:05 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	173935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121254	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	5.50	113	86826	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	355736	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	121719	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

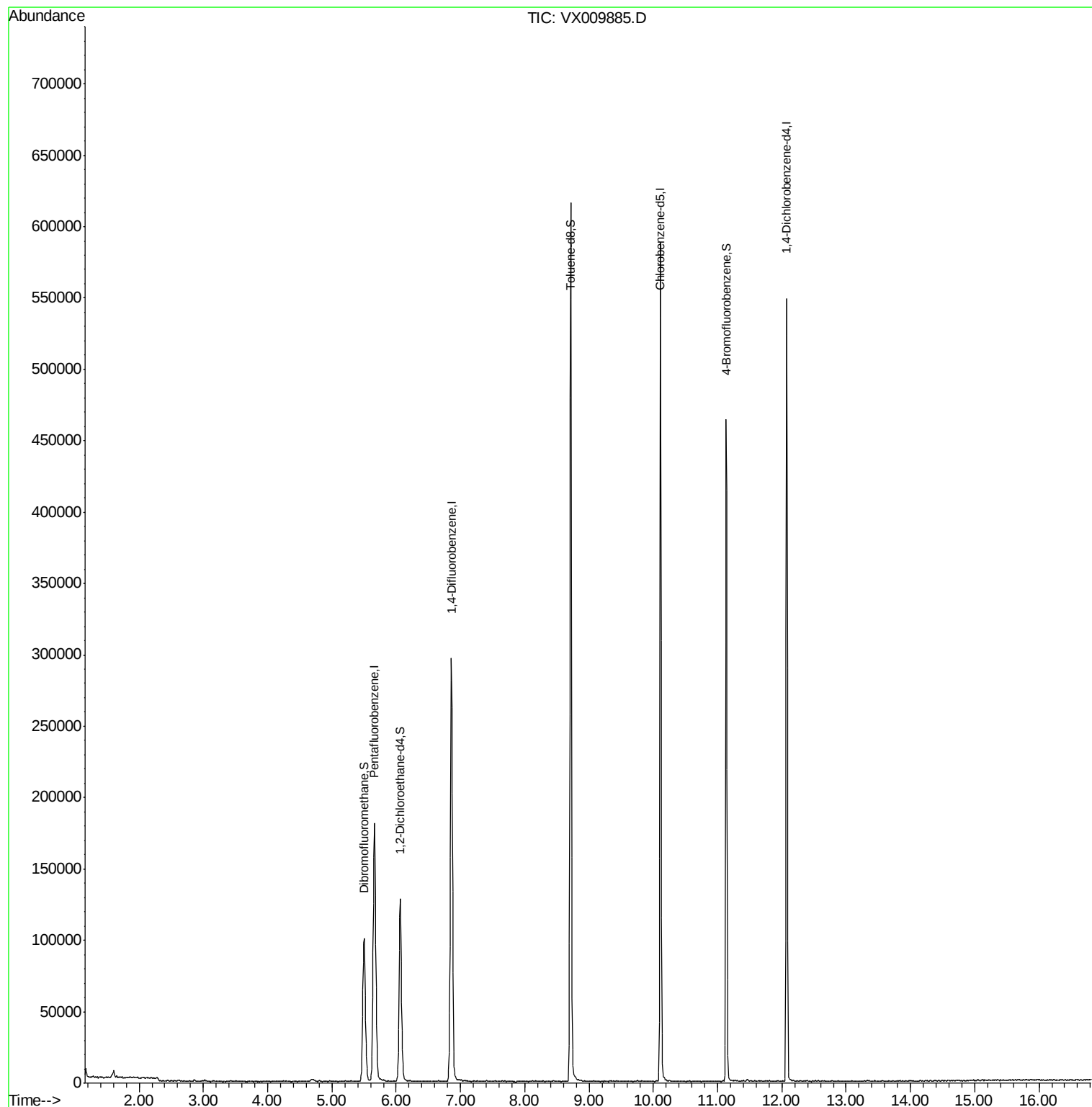
Target Compounds	Qvalue
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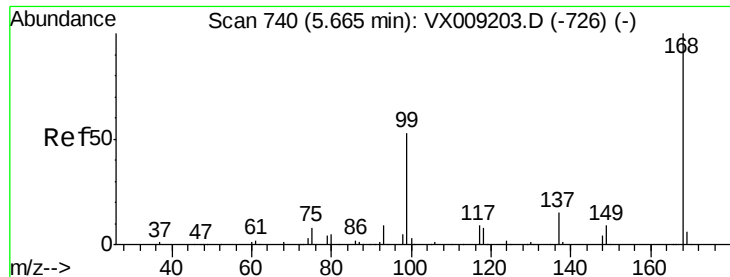
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009885.D

Acq: 24 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

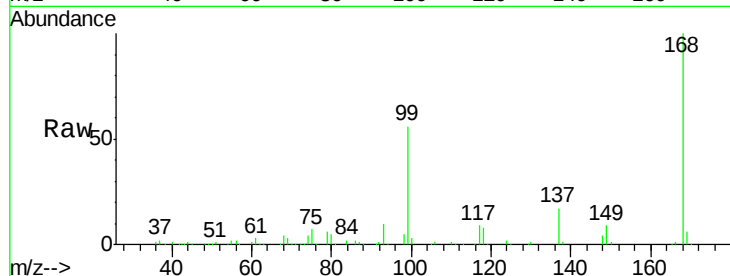
S32-TB-2019-3

Tot Ion:168 Resp: 173935

Ion Ratio Lower Upper

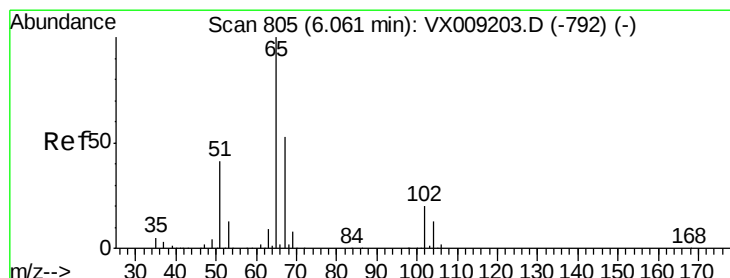
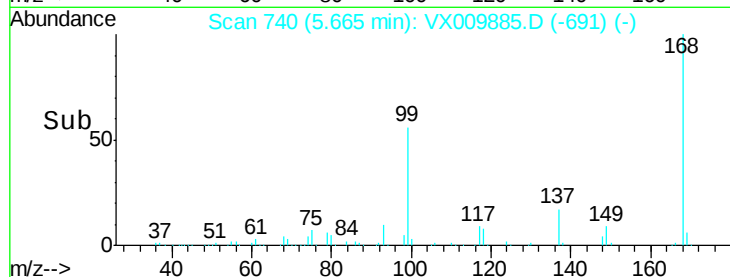
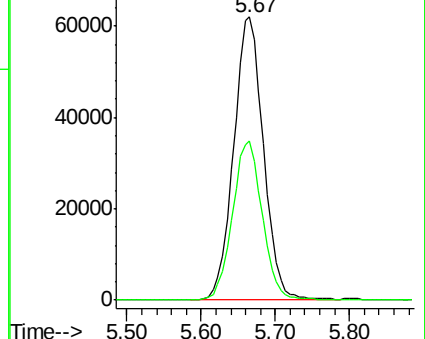
168 100

99 56.2 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: 51.067 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009885.D

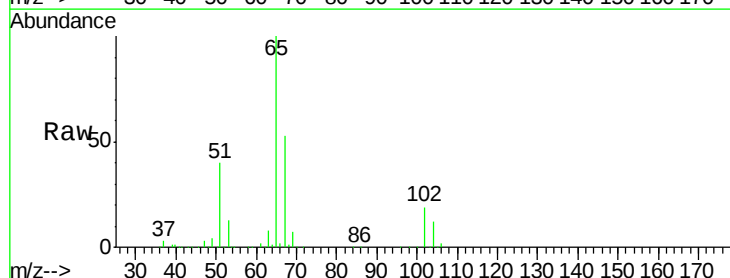
Acq: 24 May 2019 14:37

Tgt Ion: 65 Resp: 121254

Ion Ratio Lower Upper

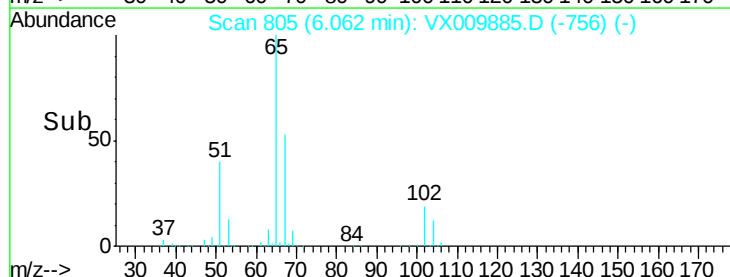
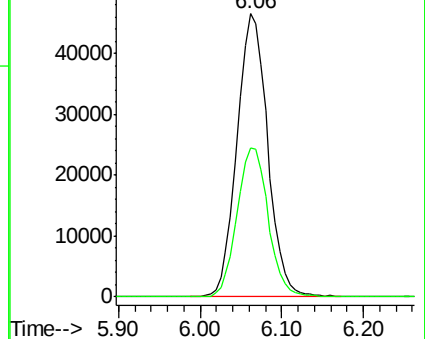
65 100

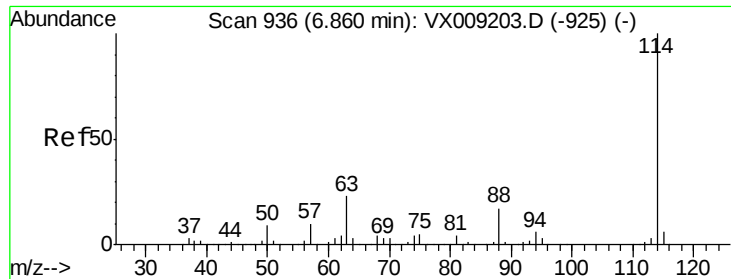
67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

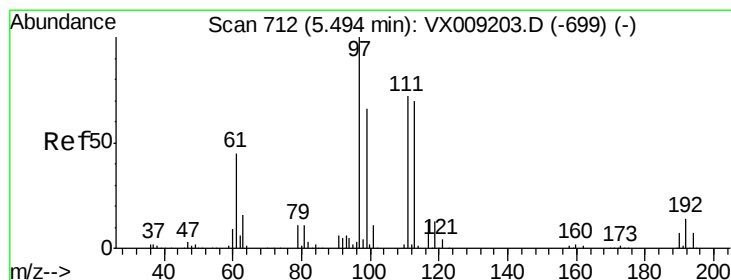
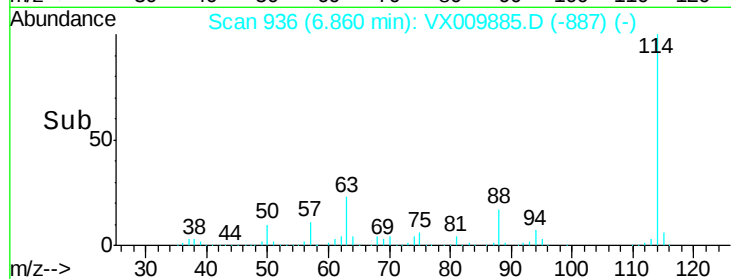
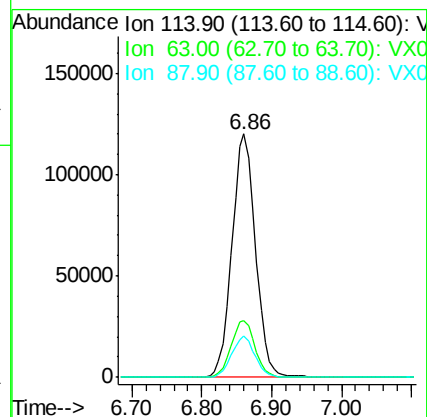
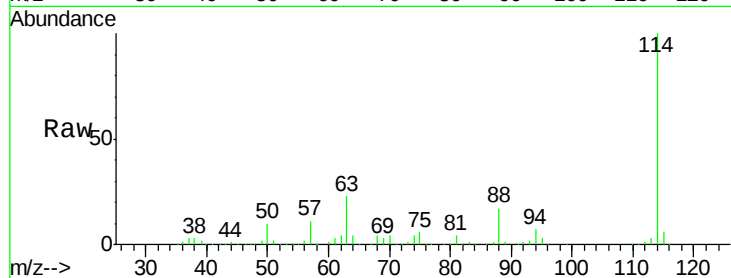




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009885.D
 Acq: 24 May 2019 14:37

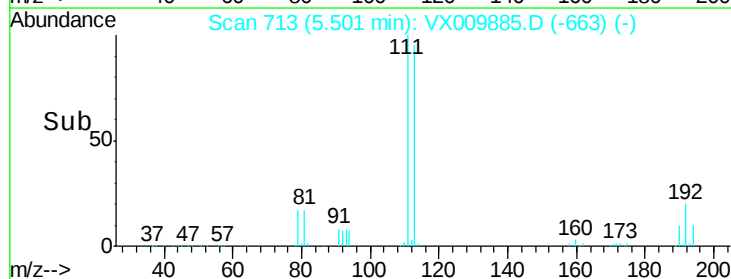
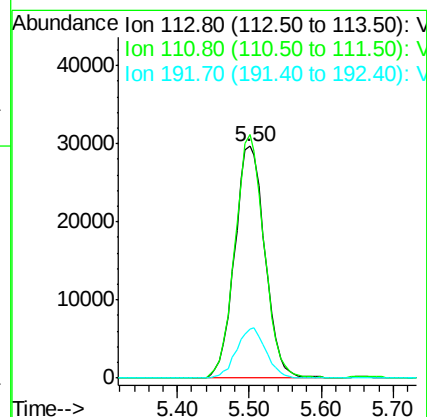
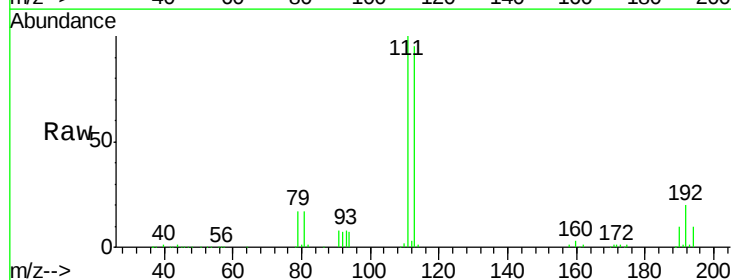
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-3

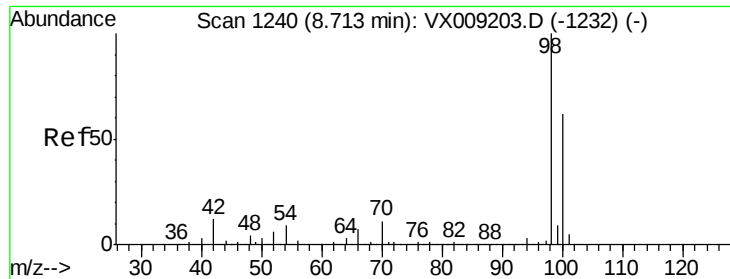
Tot Ion:114 Resp: 280379
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 17.1 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.261 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009885.D
 Acq: 24 May 2019 14:37

Tgt Ion:113 Resp: 86826
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.8 124.2
 192 20.9 17.0 25.6





#50

Toluene-d8

Concen: 49.991 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009885.D

Acq: 24 May 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

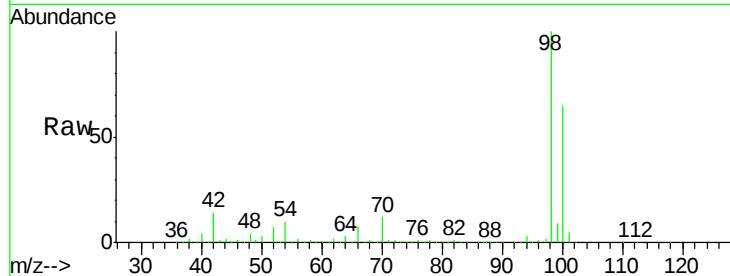
S32-TB-2019-3

Tot Ion: 98 Resp: 355736

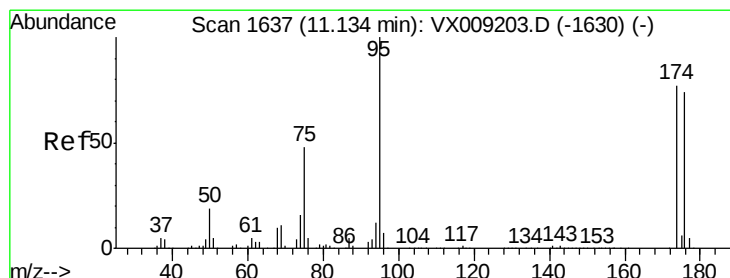
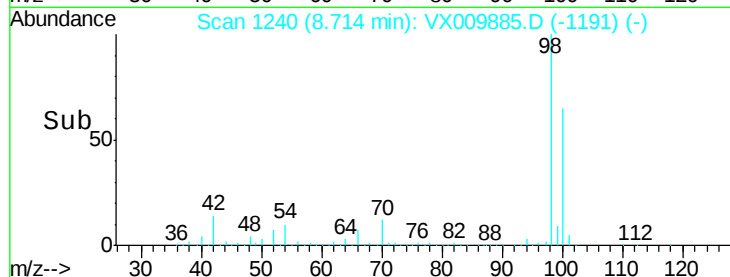
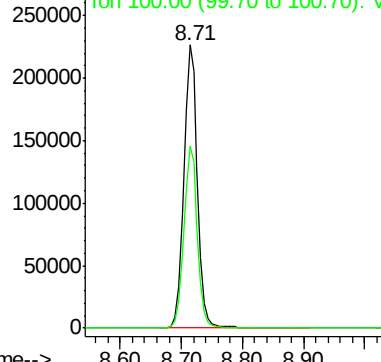
Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX009203.D (-1232) (-)



#62

4-Bromofluorobenzene

Concen: 47.075 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009885.D

Acq: 24 May 2019 14:37

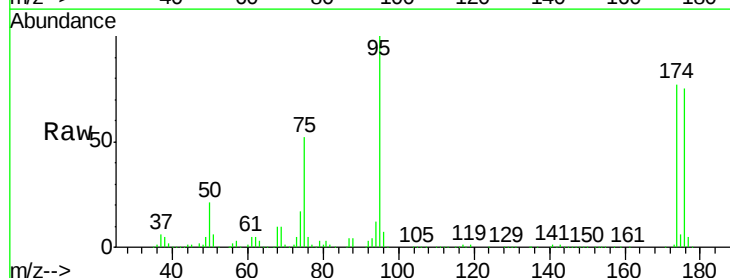
Tgt Ion: 95 Resp: 121719

Ion Ratio Lower Upper

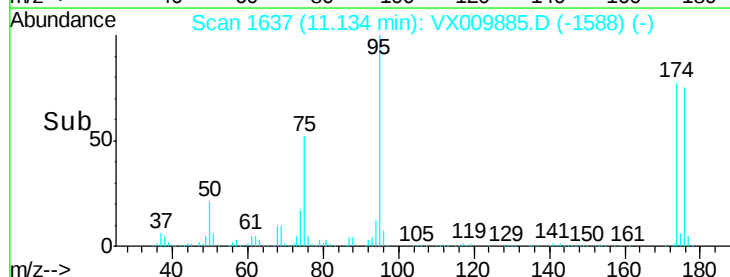
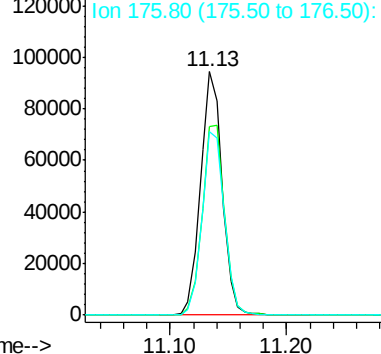
95 100

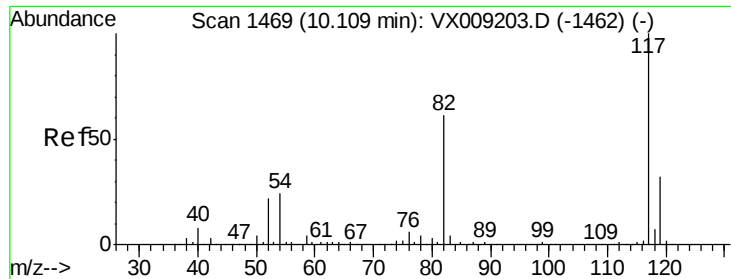
174 80.7 0.0 161.6

176 78.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009203.D (-1630) (-)

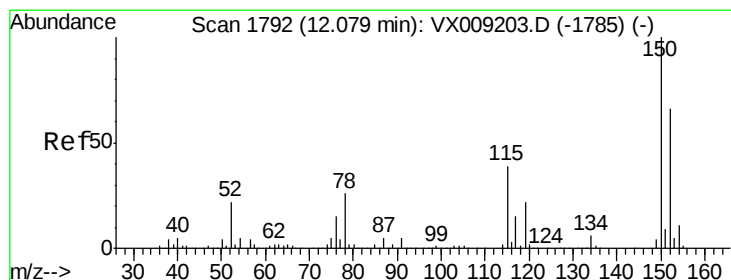
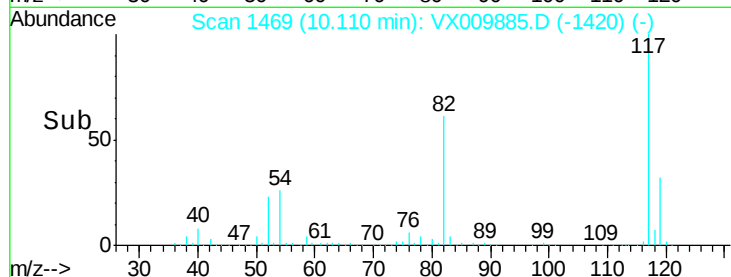
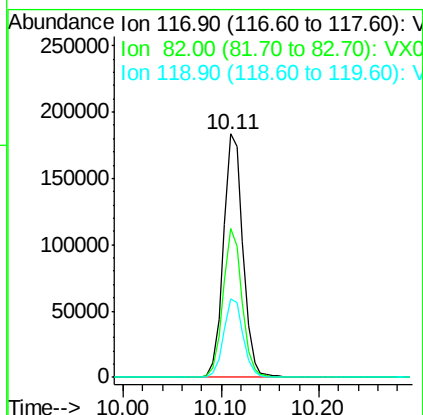
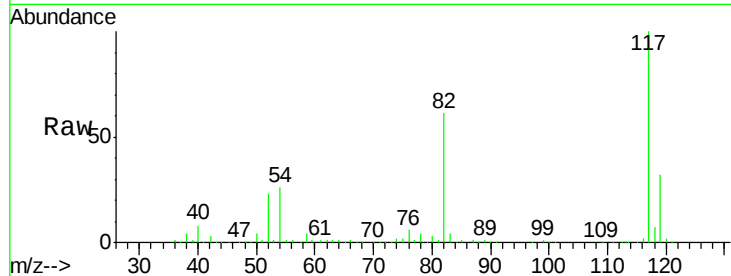




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009885.D
Acq: 24 May 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-3

Tot Ion:117 Resp: 253515
Ion Ratio Lower Upper
117 100
82 61.0 48.8 73.2
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009885.D
Acq: 24 May 2019 14:37

Tgt Ion:152 Resp: 110467
Ion Ratio Lower Upper
152 100
115 60.1 41.2 123.6
150 157.8 0.0 346.4

