

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008355.D
 Acq On : 23 Mar 2019 17:23
 Operator : JC/SP
 Sample : VX0323WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBL01

Quant Time: Mar 25 08:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	393315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	165789	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.49	113	122134	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.71	98	493381	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	160463	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	

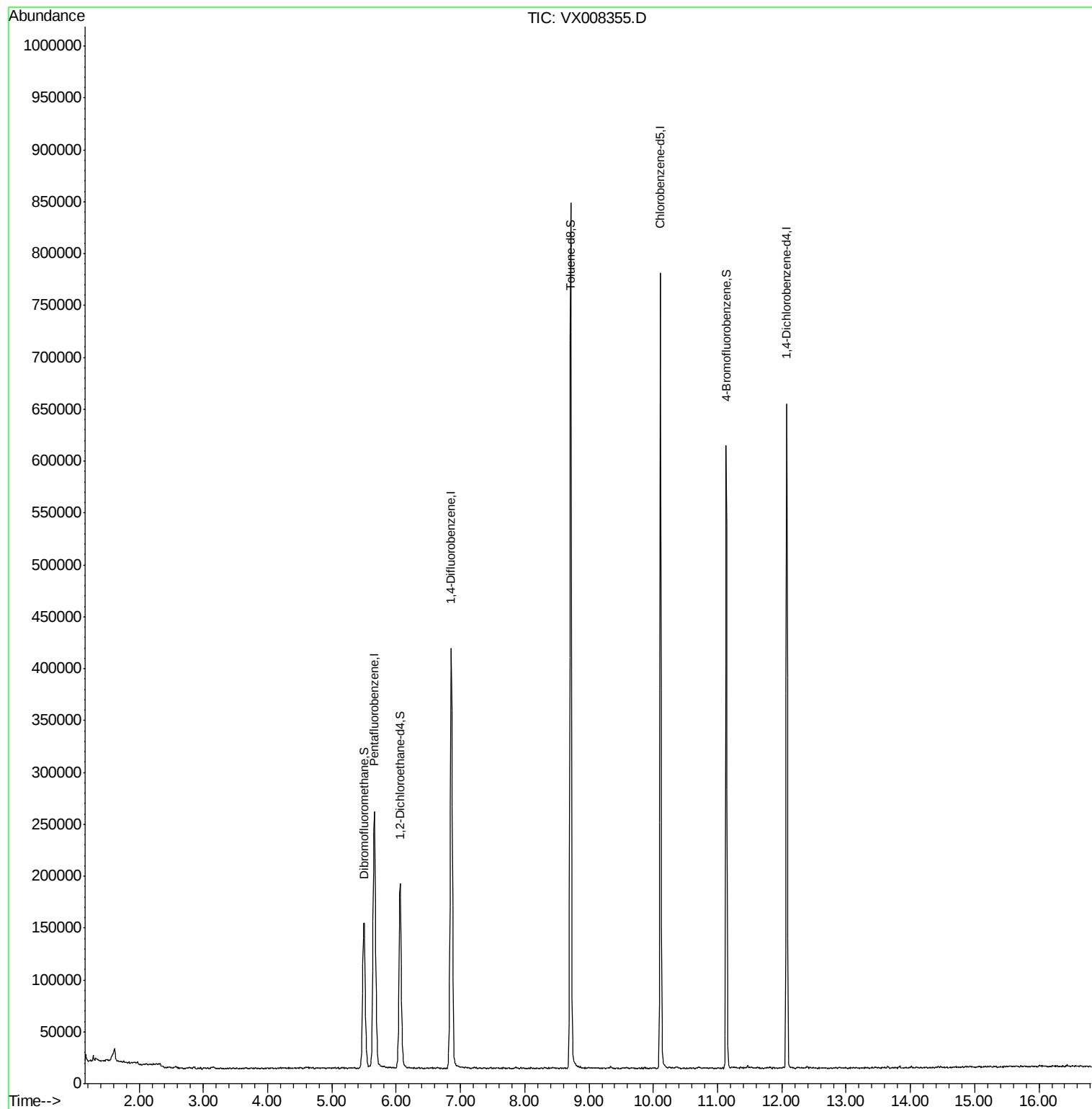
Target Compounds	Qvalue
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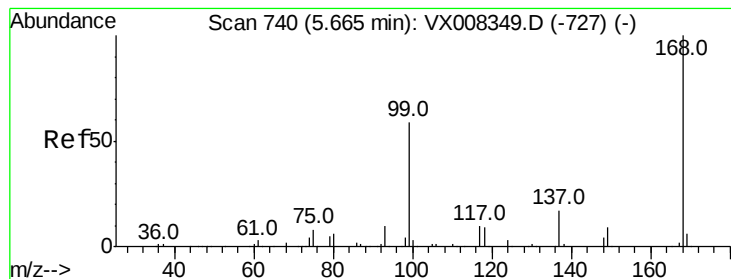
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008355.D

Acq: 23 Mar 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

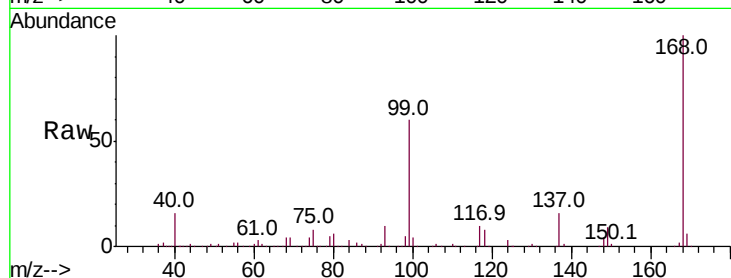
VX0323WBL01

Tot Ion:168 Resp: 230367

Ion Ratio Lower Upper

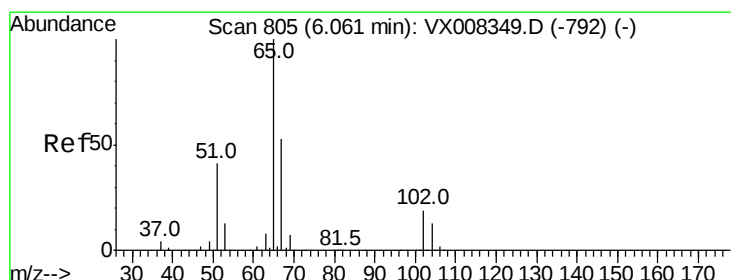
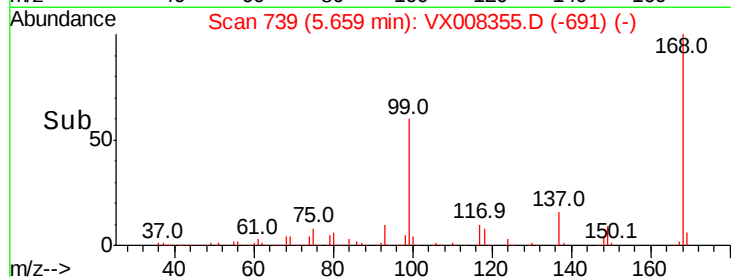
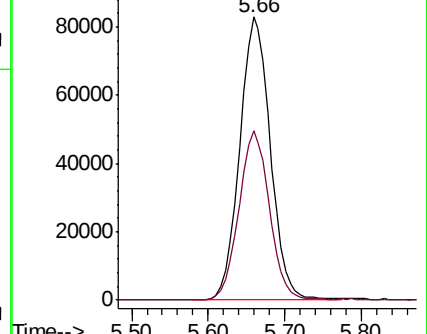
168 100

99 60.1 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: 47.185 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008355.D

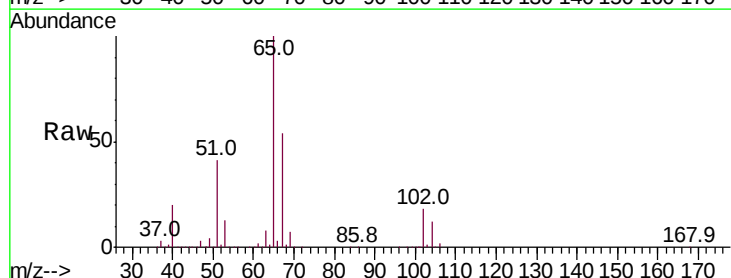
Acq: 23 Mar 2019 17:23

Tgt Ion: 65 Resp: 165789

Ion Ratio Lower Upper

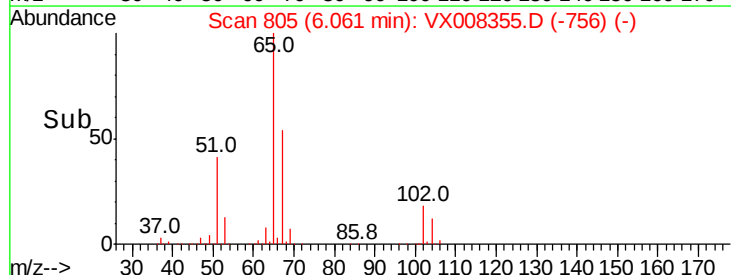
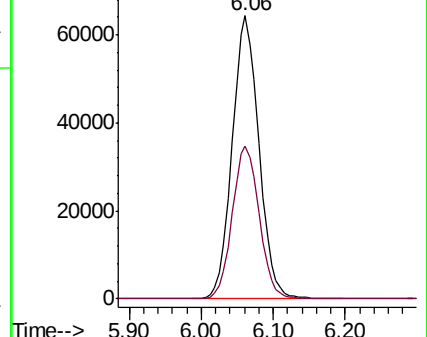
65 100

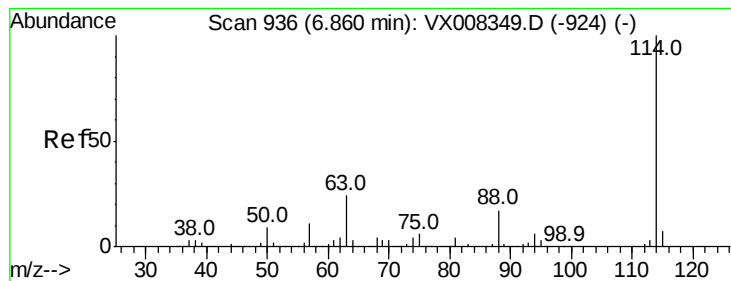
67 54.6 0.0 110.0



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008355.D

Acq: 23 Mar 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBL01

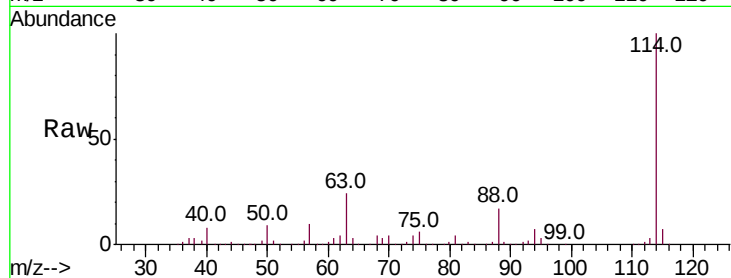
Tot Ion:114 Resp: 393315

Ion Ratio Lower Upper

114 100

63 24.3 0.0 39.8

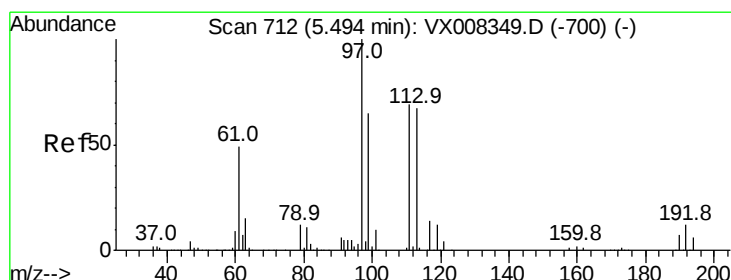
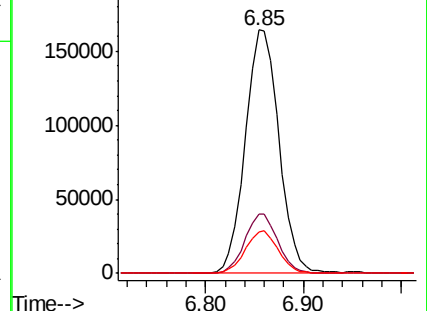
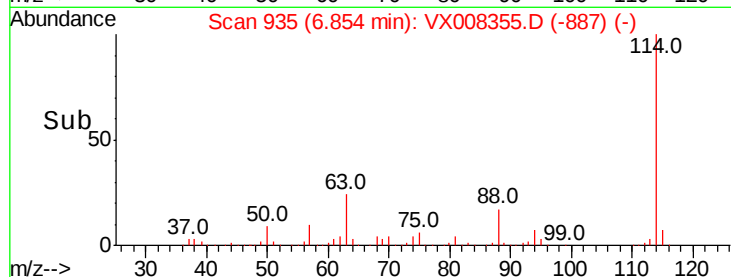
88 17.2 0.0 31.4



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: 47.928 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008355.D

Acq: 23 Mar 2019 17:23

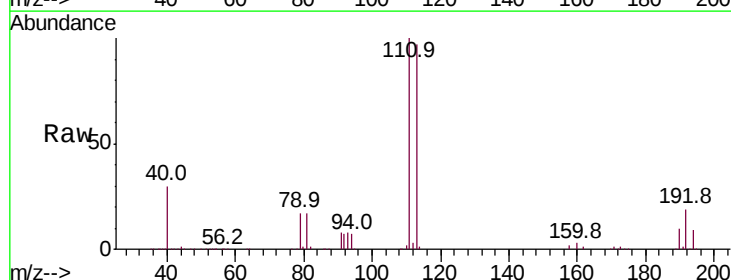
Tgt Ion:113 Resp: 122134

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

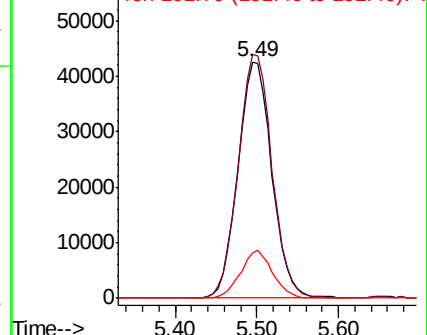
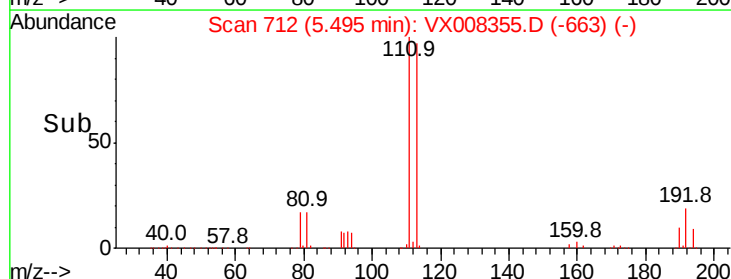
192 19.1 19.4 29.0#

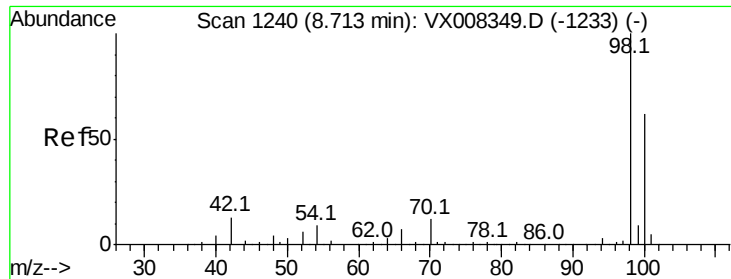


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.951 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008355.D

Acq: 23 Mar 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

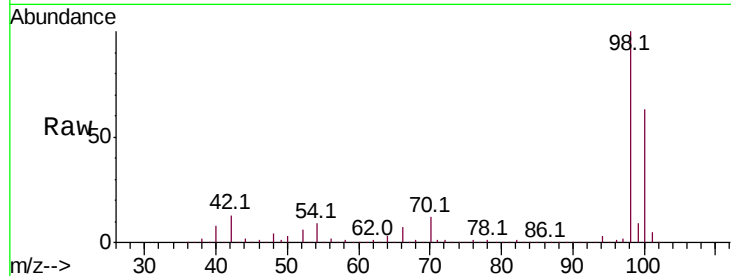
VX0323WBL01

Tot Ion: 98 Resp: 493381

Ion Ratio Lower Upper

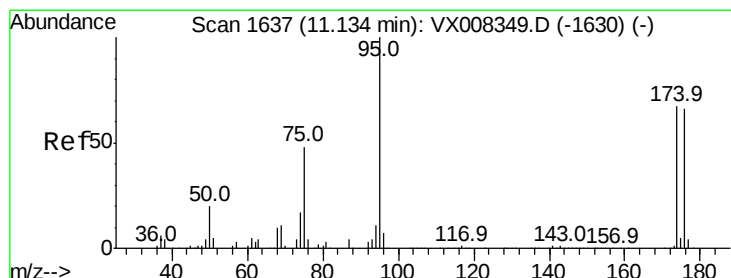
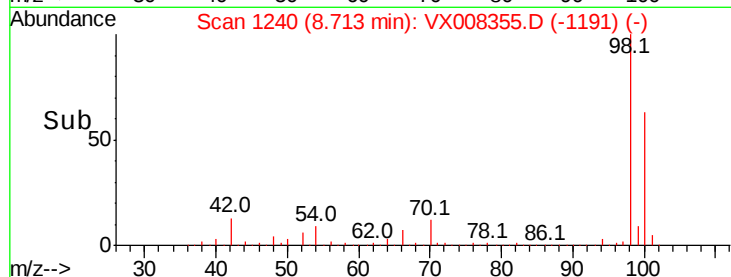
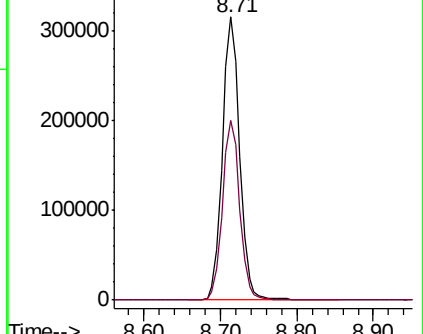
98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 43.361 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008355.D

Acq: 23 Mar 2019 17:23

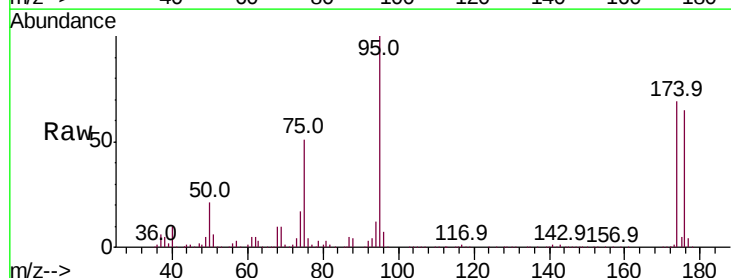
Tgt Ion: 95 Resp: 160463

Ion Ratio Lower Upper

95 100

174 73.4 0.0 182.8

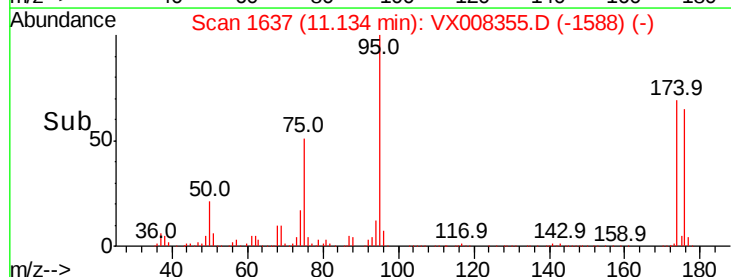
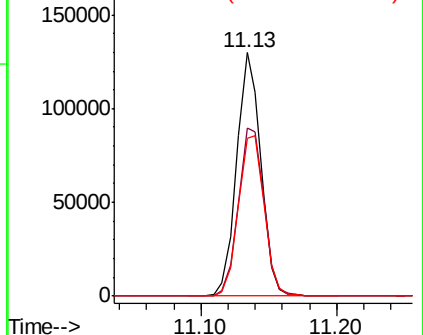
176 70.6 0.0 178.0

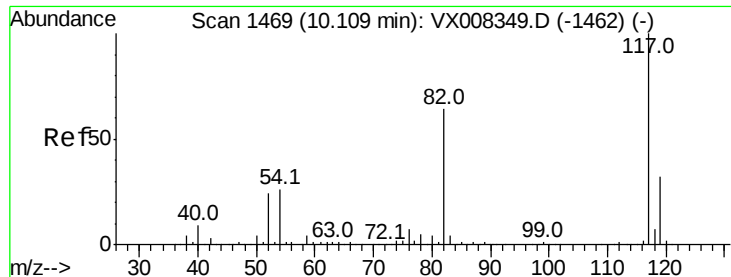


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

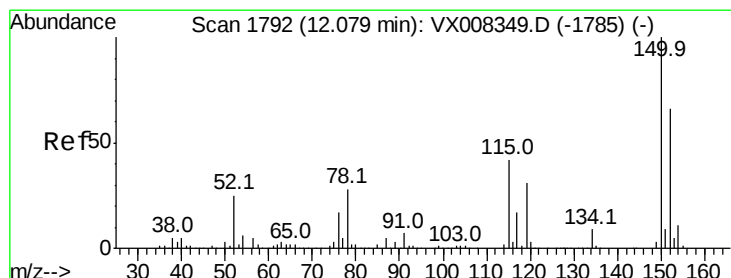
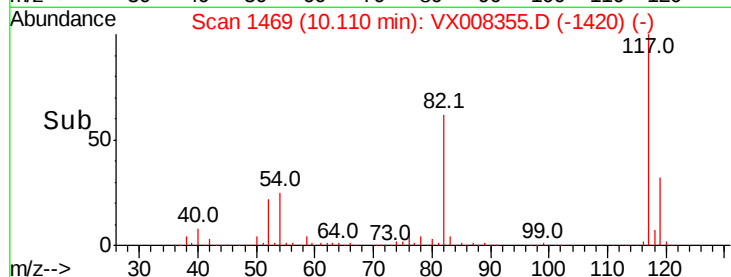
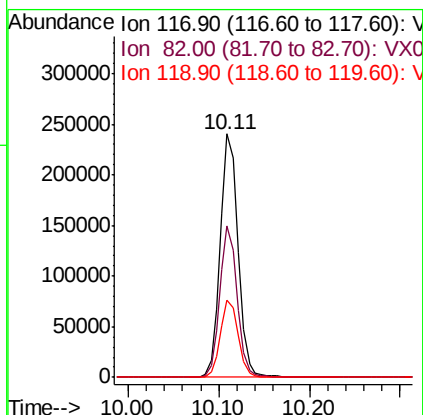
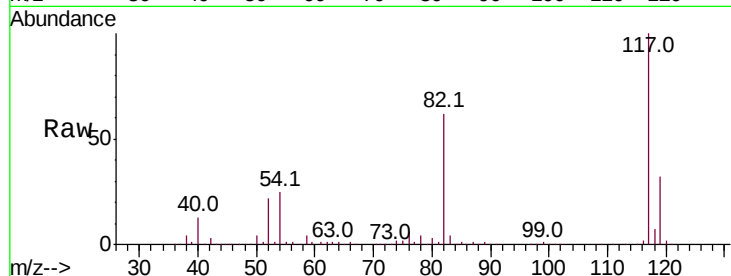




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008355.D
Acq: 23 Mar 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

Tot Ion:117 Resp: 331341
Ion Ratio Lower Upper
117 100
82 62.2 44.3 66.5
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008355.D
Acq: 23 Mar 2019 17:23

Tgt Ion:152 Resp: 129679
Ion Ratio Lower Upper
152 100
115 61.4 38.6 115.7
150 158.8 0.0 348.4

