

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009376.D
 Acq On : 07 May 2019 14:57
 Operator : JC/SP
 Sample : K2721-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB05-190506

Quant Time: May 08 02:33:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	170580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92274	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108612	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
35) Dibromofluoromethane	5.49	113	81969	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	333263	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	106001	42.92	ug/l	0.00
Spiked Amount			Recovery	=	85.84%	

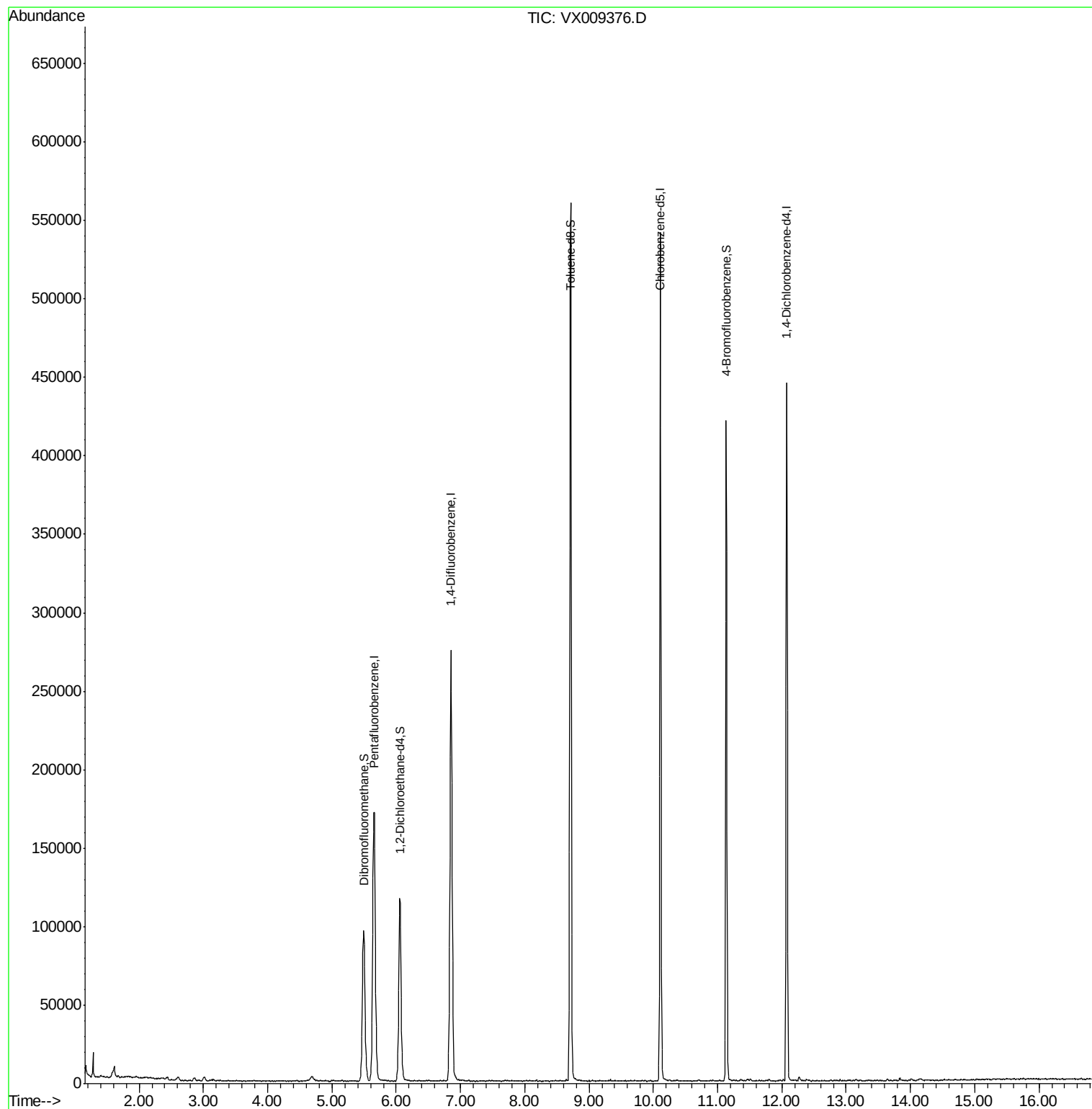
Target Compounds	Qvalue
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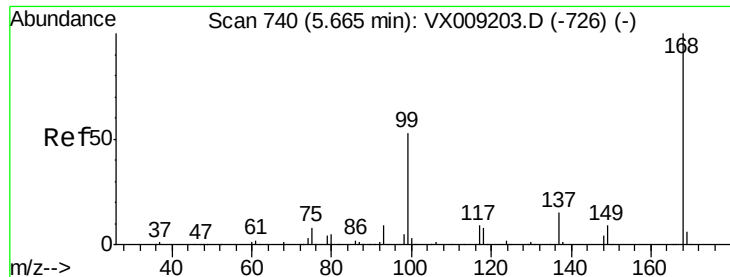
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009376.D

Acq: 07 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

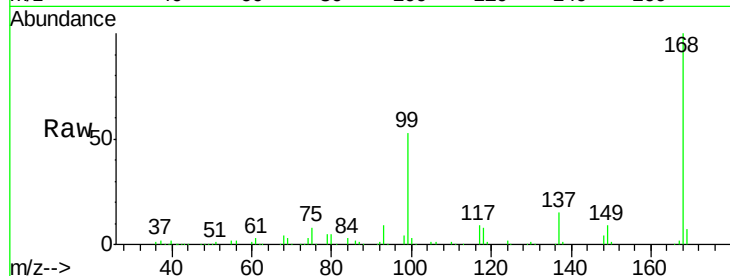
Z5-TB05-190506

Tot Ion:168 Resp: 170580

Ion Ratio Lower Upper

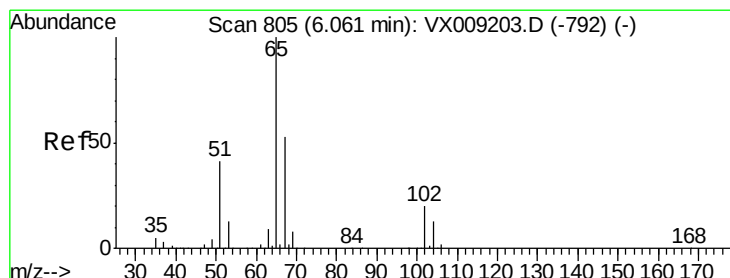
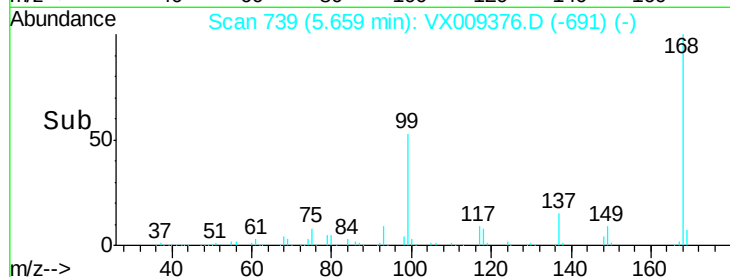
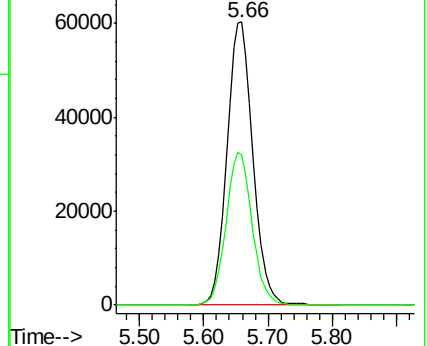
168 100

99 53.3 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: 46.642 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009376.D

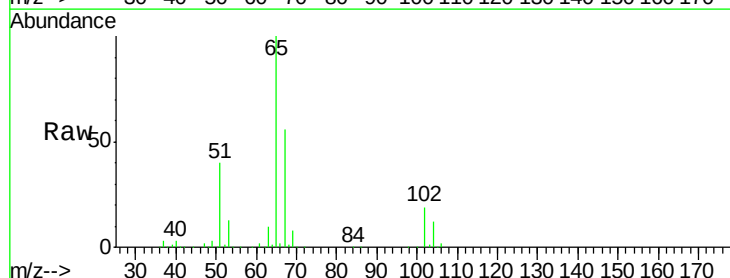
Acq: 07 May 2019 14:57

Tgt Ion: 65 Resp: 108612

Ion Ratio Lower Upper

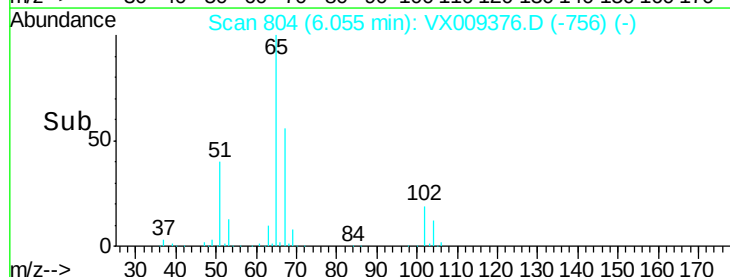
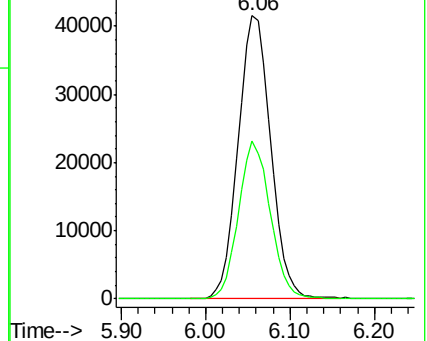
65 100

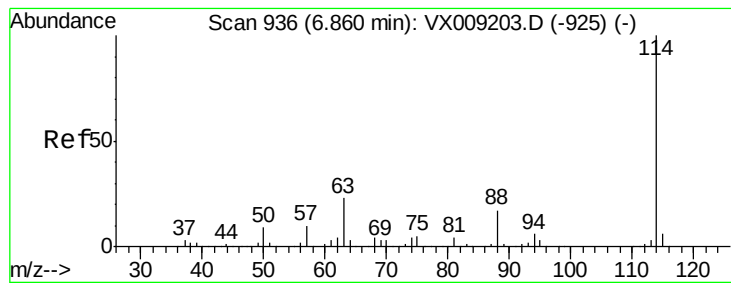
67 54.5 0.0 106.6



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009376.D

Acq: 07 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB05-190506

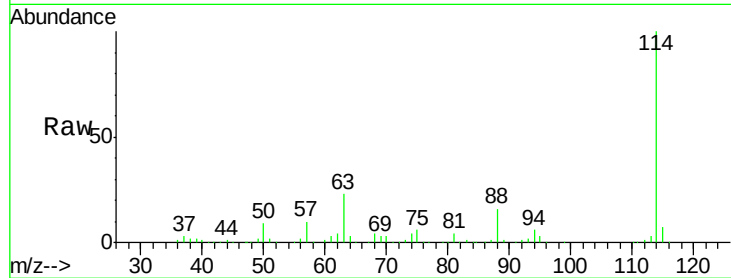
Tot Ion:114 Resp: 267815

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

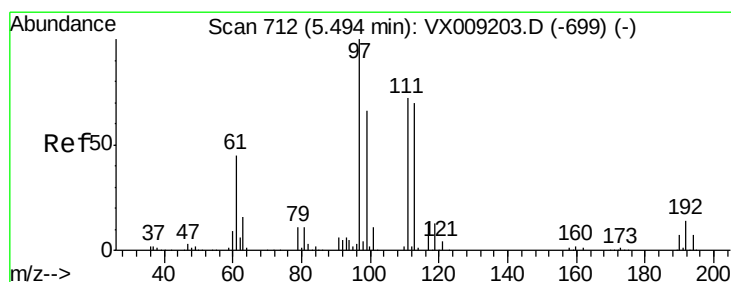
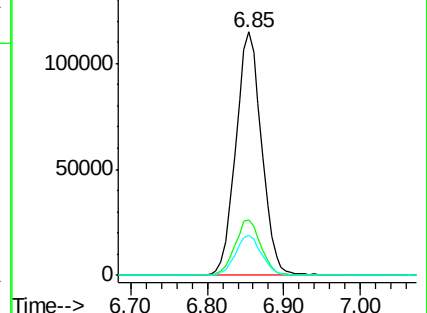
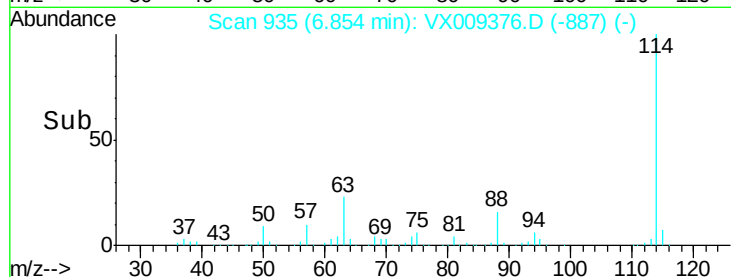
88 16.5 0.0 33.2



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: 48.687 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009376.D

Acq: 07 May 2019 14:57

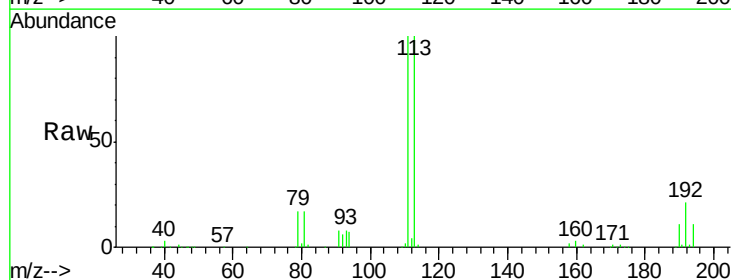
Tgt Ion:113 Resp: 81969

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

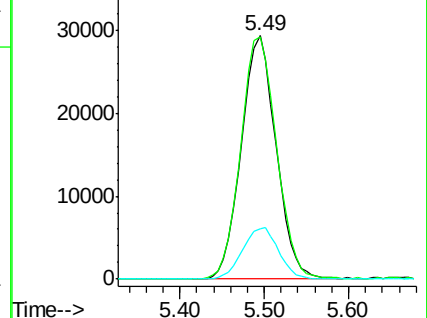
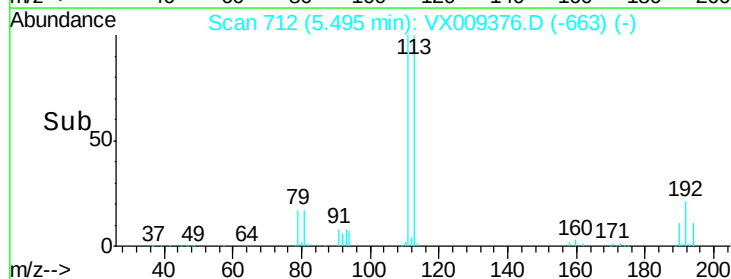
192 22.0 17.0 25.6

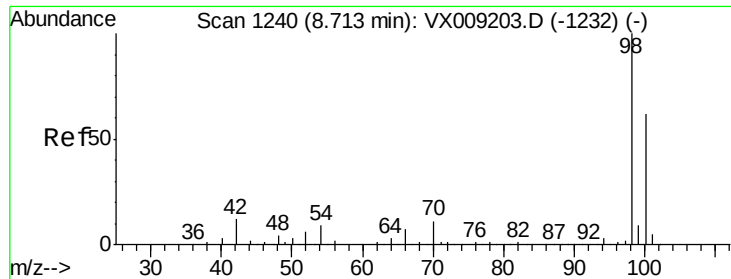


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.030 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009376.D

Acq: 07 May 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

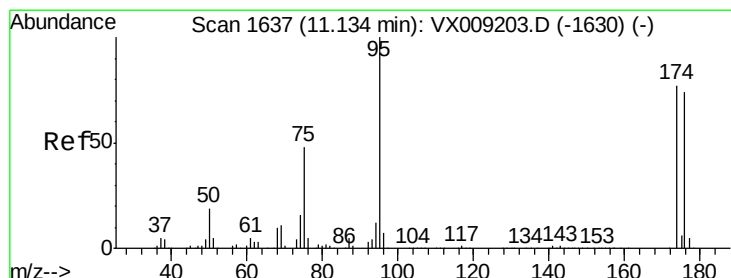
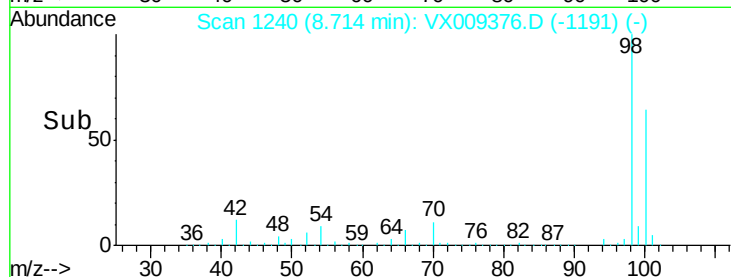
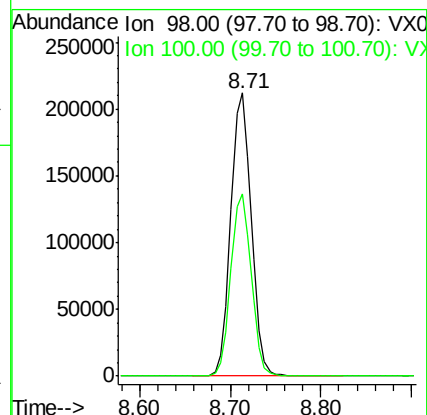
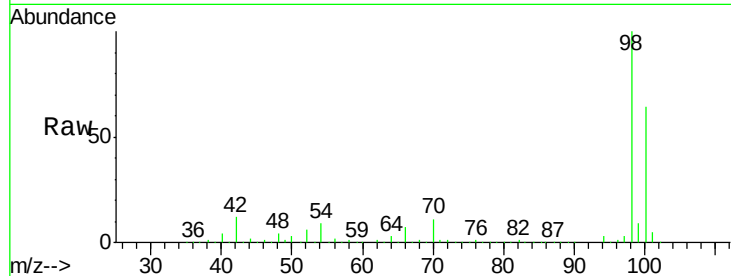
Z5-TB05-190506

Tot Ion: 98 Resp: 333263

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 42.919 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009376.D

Acq: 07 May 2019 14:57

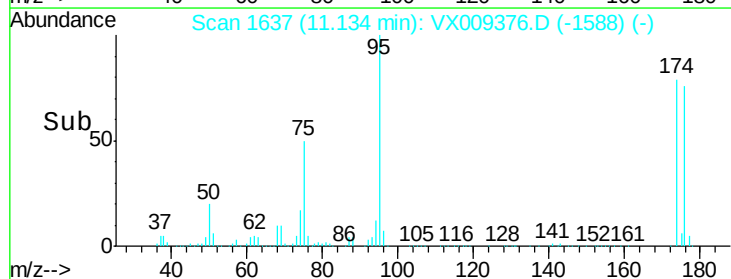
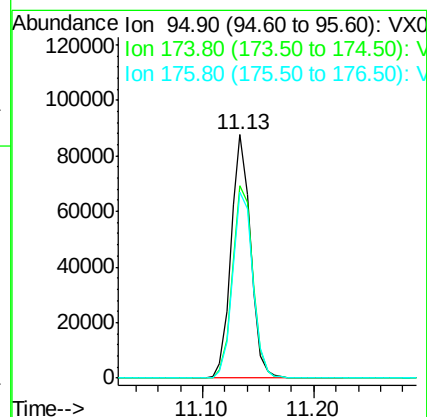
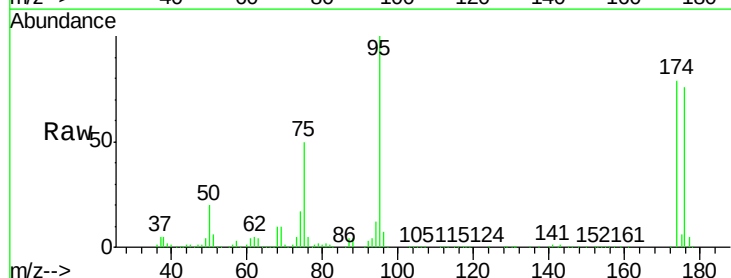
Tgt Ion: 95 Resp: 106001

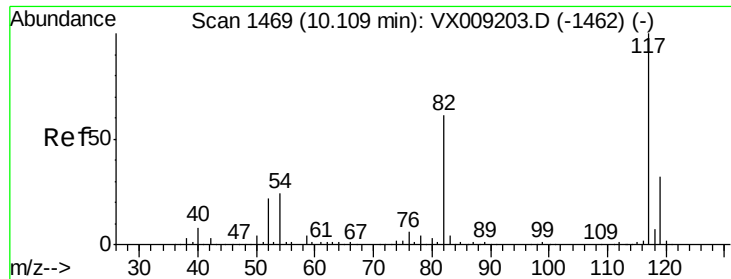
Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

176 79.5 0.0 159.2

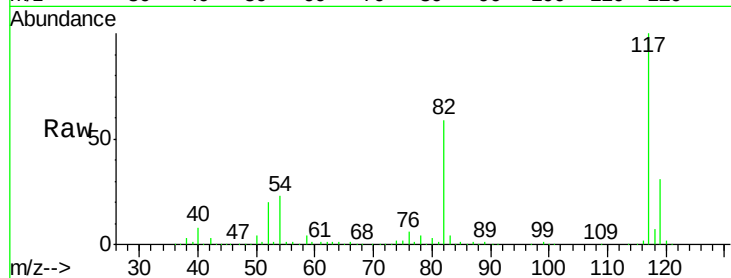




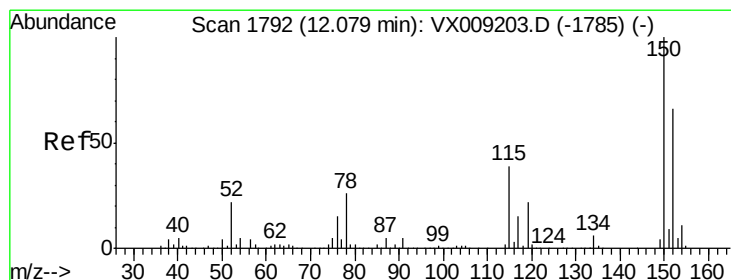
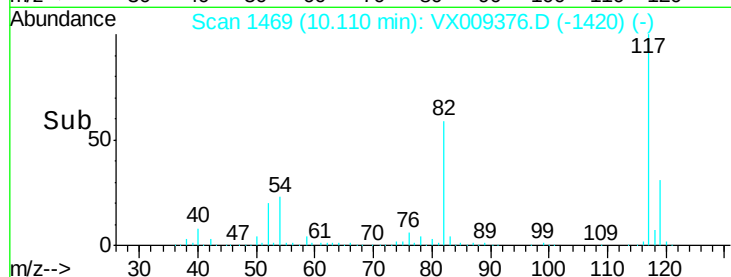
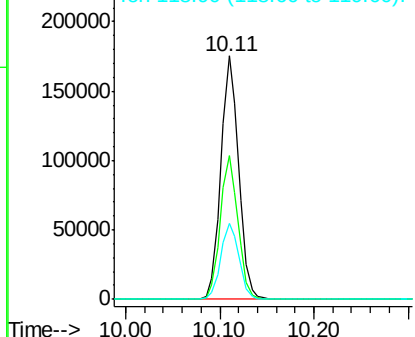
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009376.D
Acq: 07 May 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB05-190506

Tot Ion:117 Resp: 229423
Ion Ratio Lower Upper
117 100
82 59.2 48.8 73.2
119 31.4 25.8 38.6

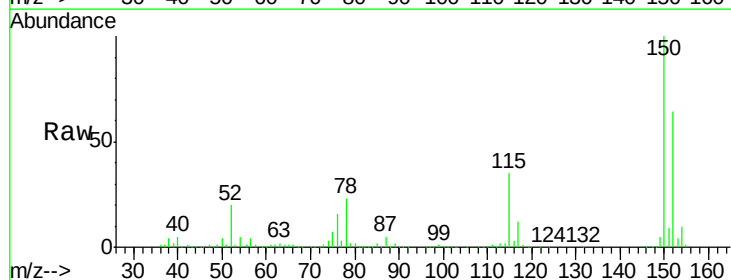


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009376.D
Acq: 07 May 2019 14:57

Tgt Ion:152 Resp: 92274
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 157.1 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

