

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009626.D
 Acq On : 16 May 2019 23:23
 Operator : JC/SP
 Sample : K2887-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB06-190514

Quant Time: May 17 07:39:13 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	169410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112313	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	82954	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.71	98	335556	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.13	95	109553	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

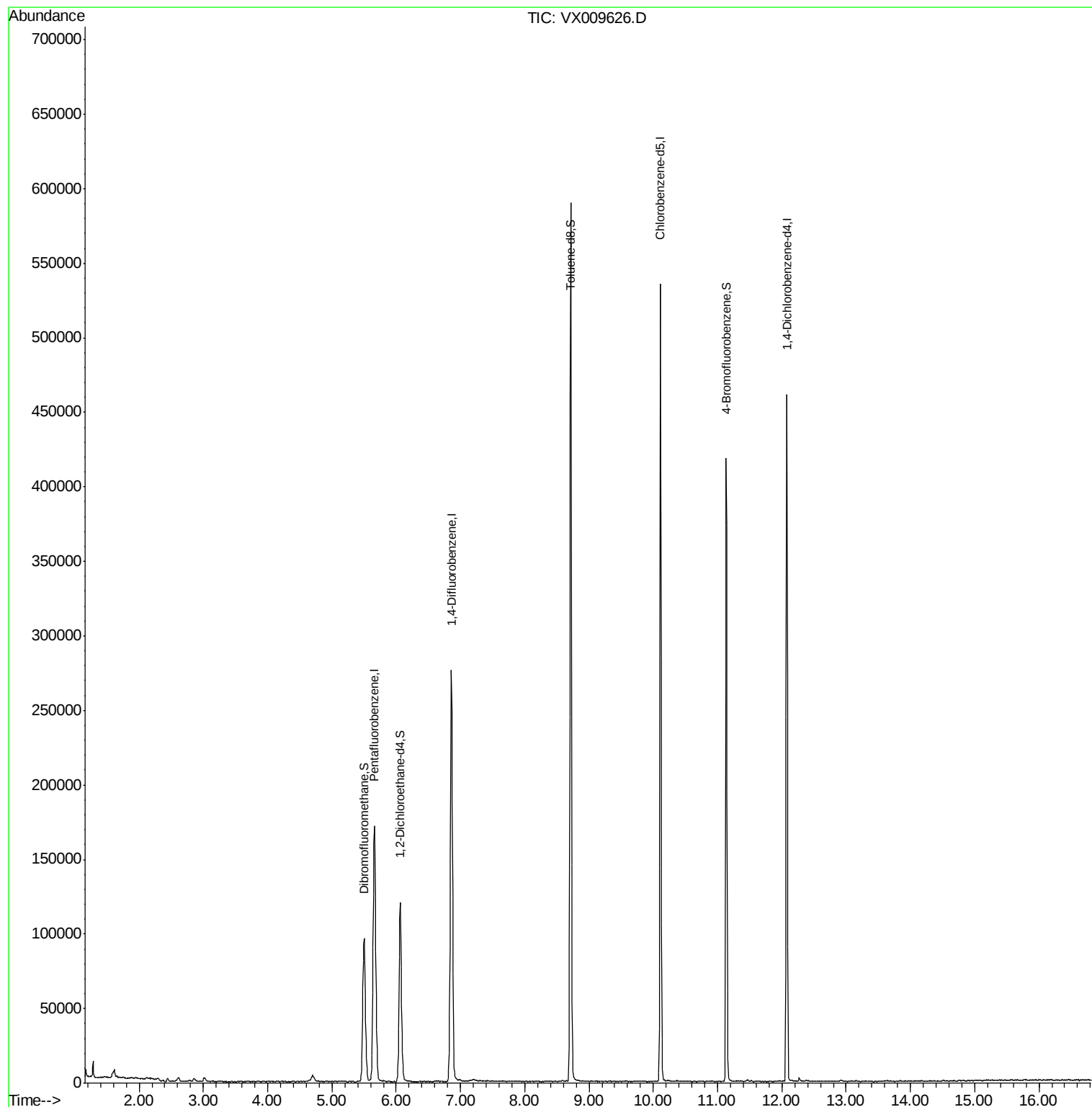
Target Compounds	Qvalue
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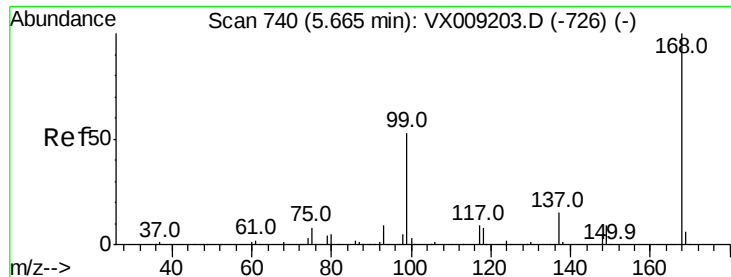
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009626.D

Acq: 16 May 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

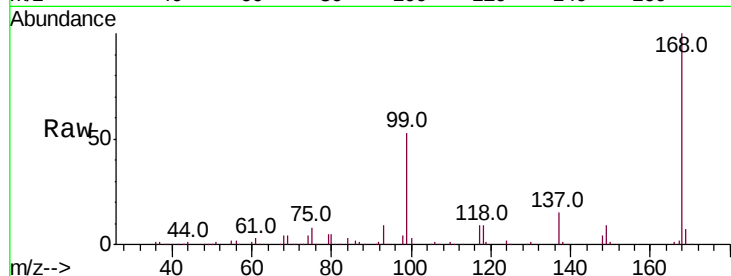
Z4-TB06-190514

Tot Ion:168 Resp: 169410

Ion Ratio Lower Upper

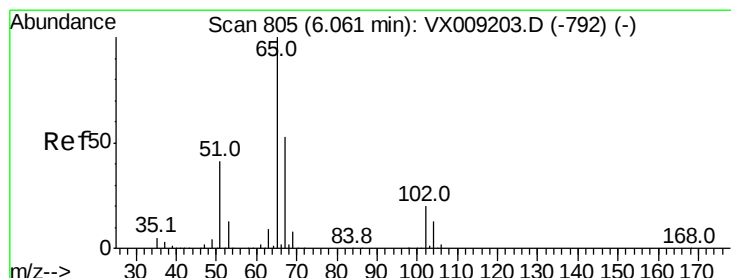
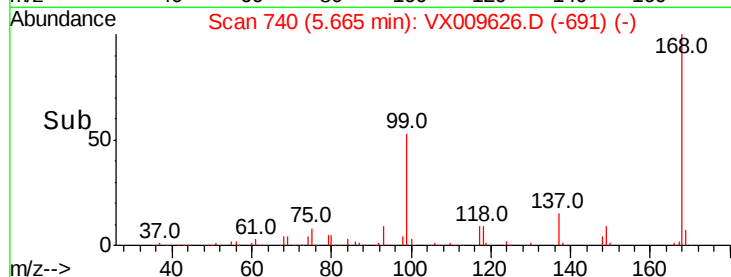
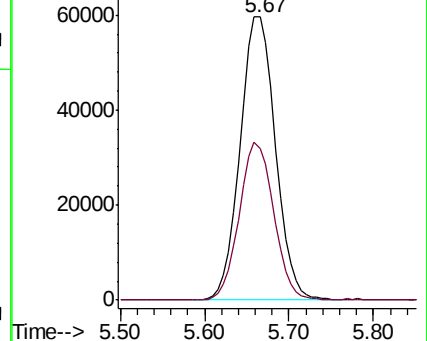
168 100

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: 48.565 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009626.D

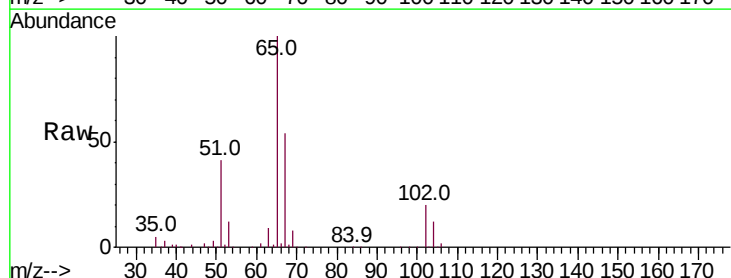
Acq: 16 May 2019 23:23

Tgt Ion: 65 Resp: 112313

Ion Ratio Lower Upper

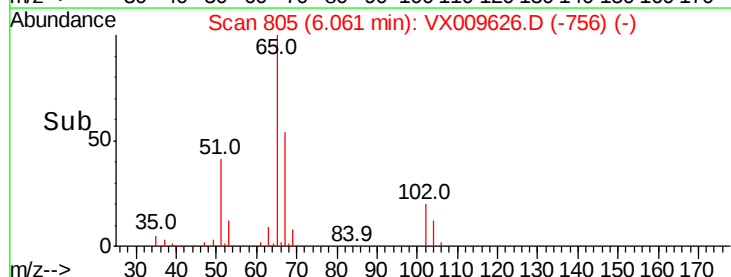
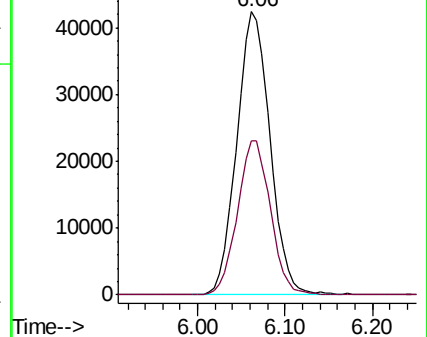
65 100

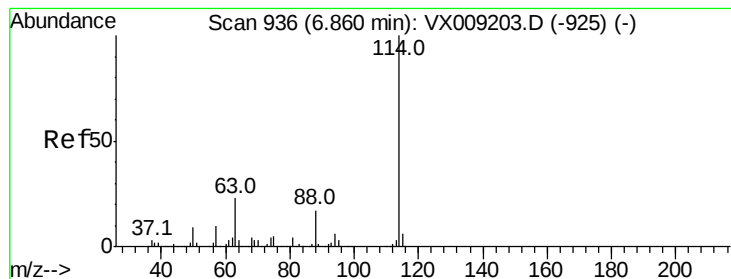
67 54.1 0.0 106.6



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: VX009626.D

Acq: 16 May 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB06-190514

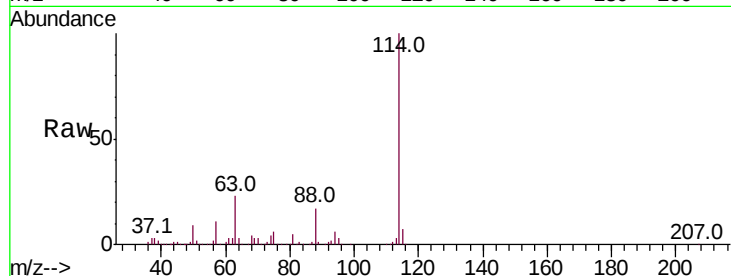
Tot Ion:114 Resp: 268270

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

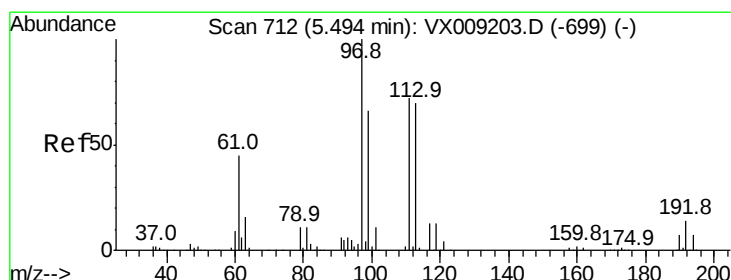
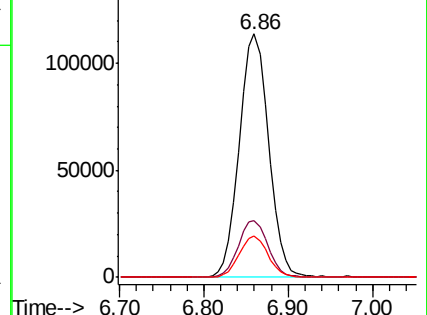
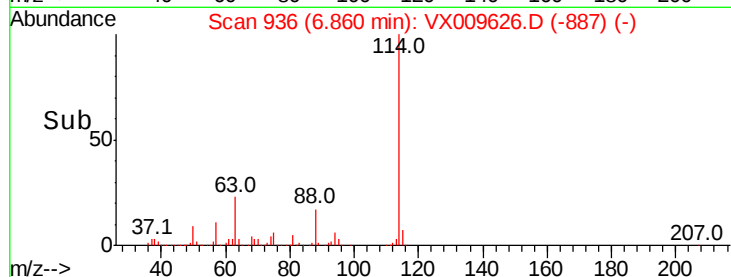
88 16.8 0.0 33.2



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: 49.188 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009626.D

Acq: 16 May 2019 23:23

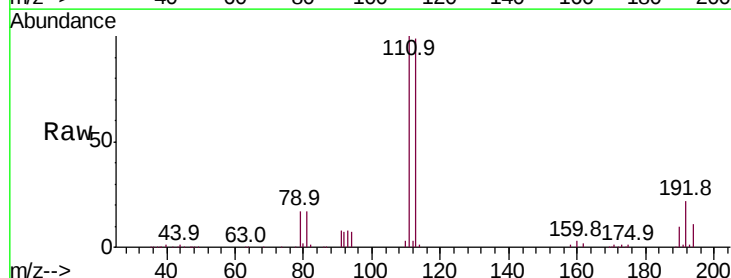
Tgt Ion:113 Resp: 82954

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

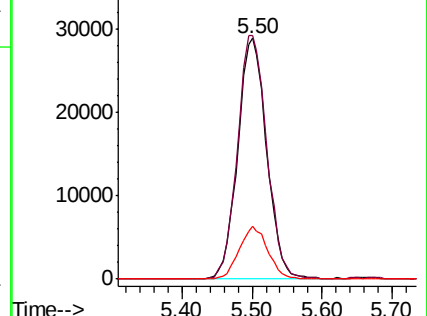
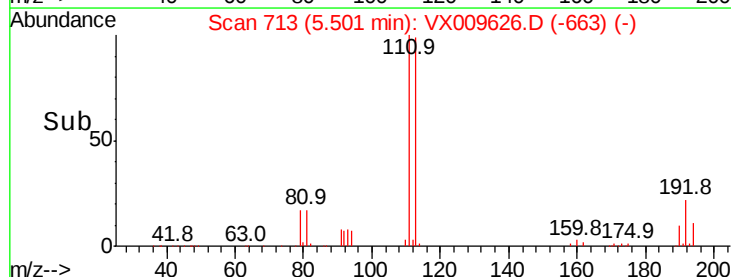
192 21.7 17.0 25.6

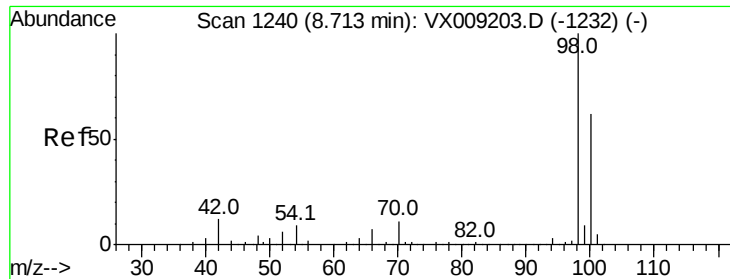


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.284 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009626.D

Acq: 16 May 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

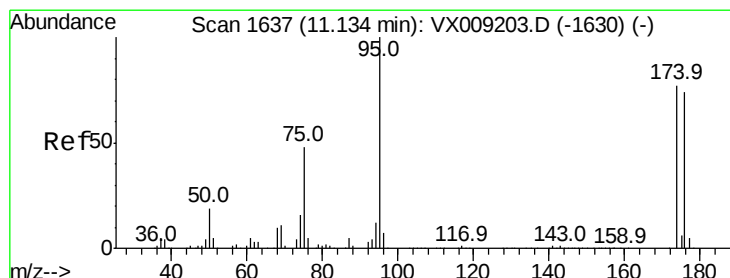
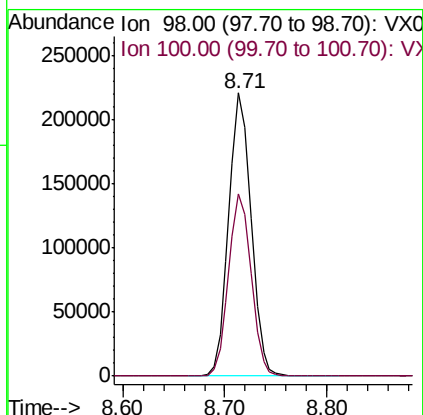
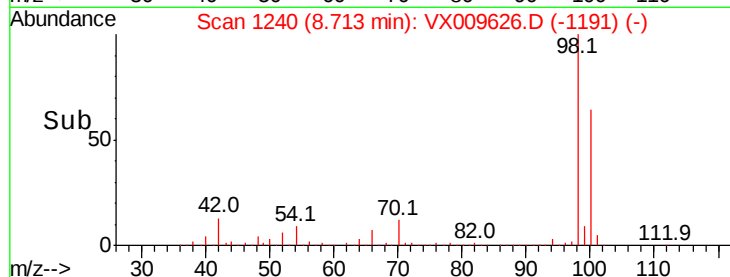
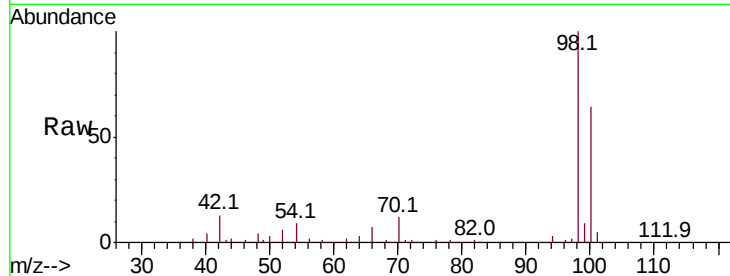
Z4-TB06-190514

Tot Ion: 98 Resp: 335556

Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.282 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009626.D

Acq: 16 May 2019 23:23

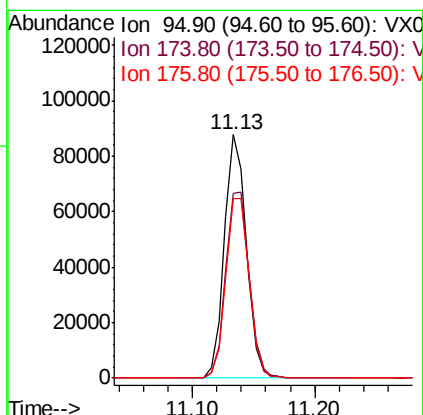
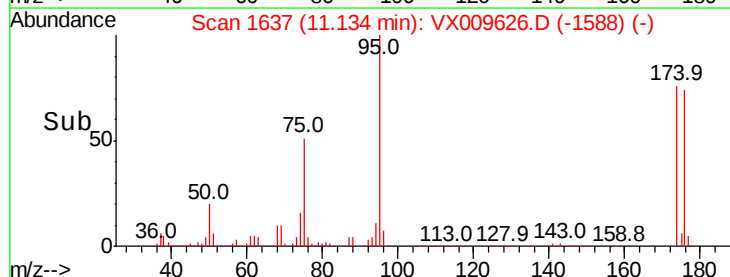
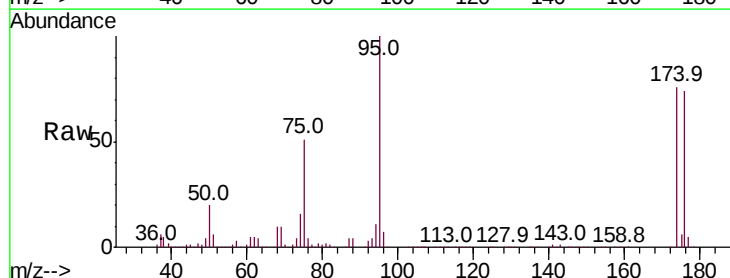
Tgt Ion: 95 Resp: 109553

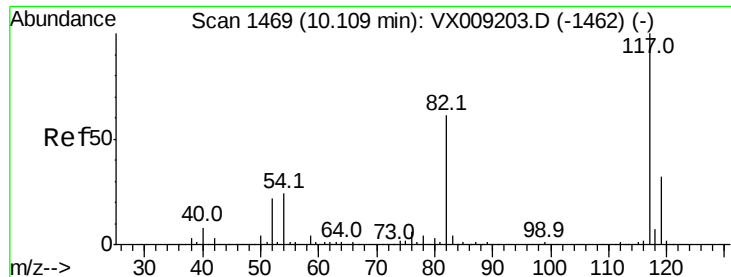
Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

176 78.1 0.0 159.2

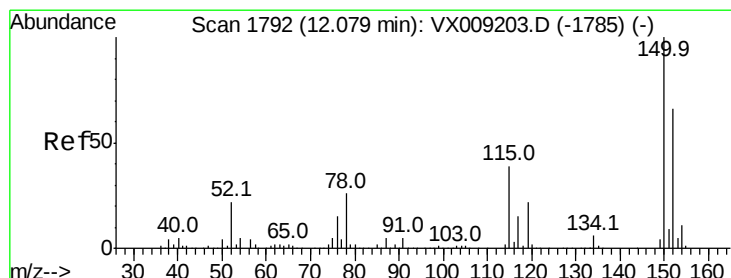
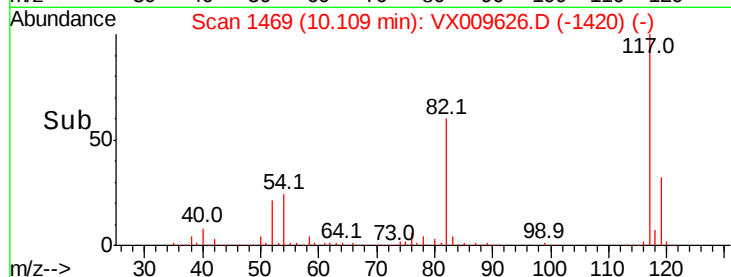
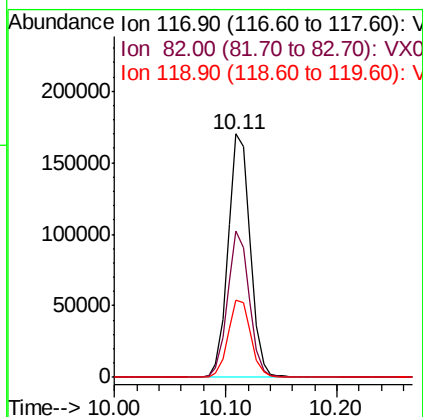
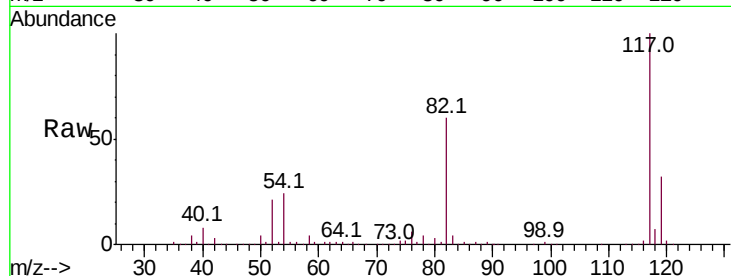




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009626.D
Acq: 16 May 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
Z4-TB06-190514

Tot Ion:117 Resp: 233351
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 31.5 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: VX009626.D
Acq: 16 May 2019 23:23

Tgt Ion:152 Resp: 95653
Ion Ratio Lower Upper
152 100
115 58.1 41.2 123.6
150 157.0 0.0 346.4

