

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009326.D
 Acq On : 03 May 2019 21:43
 Operator : JC/SP
 Sample : K2687-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB01-190502

Quant Time: May 04 01:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122039	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131256	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.49	113	96393	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.71	98	399073	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	135882	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

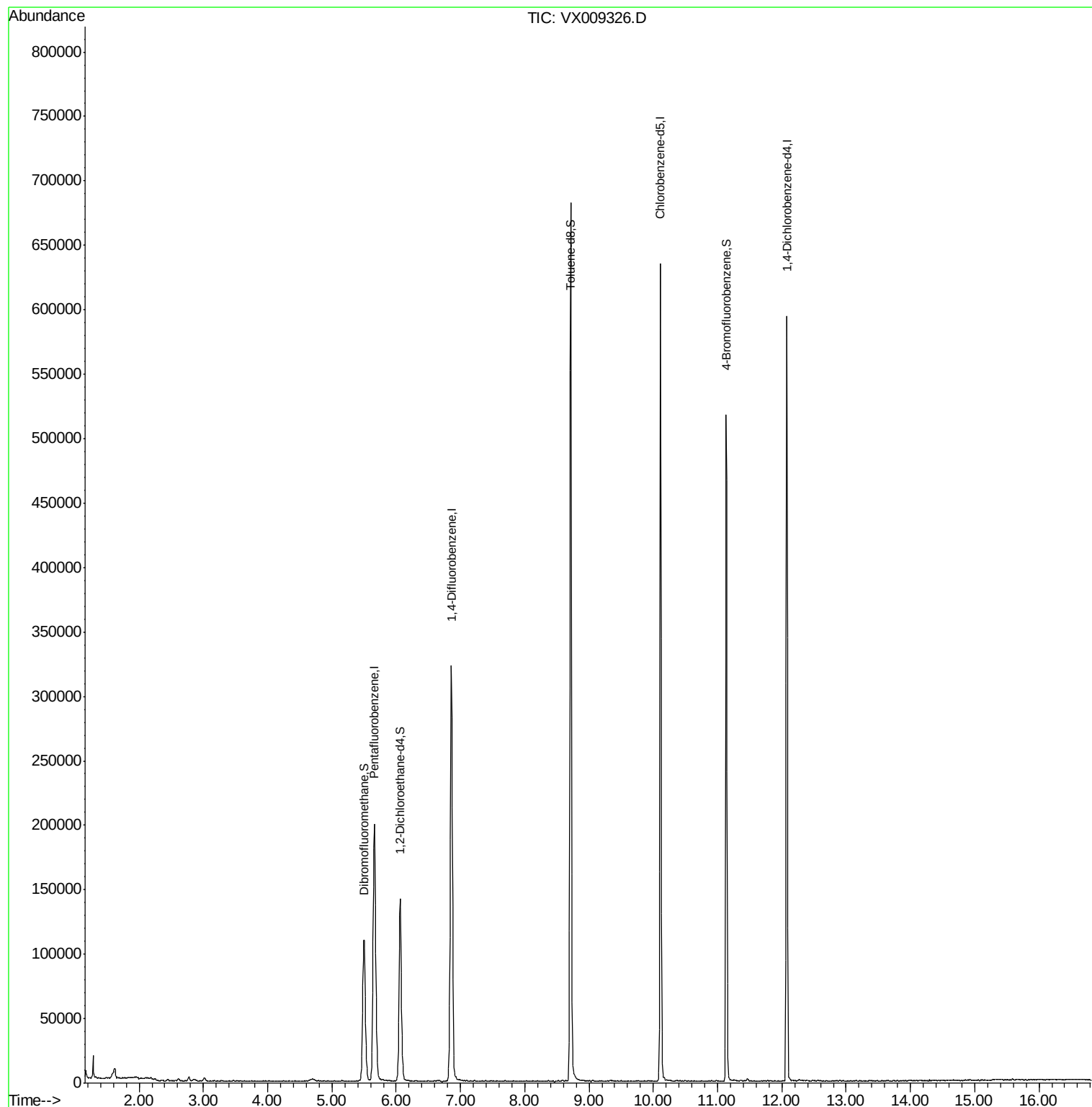
Target Compounds	Qvalue

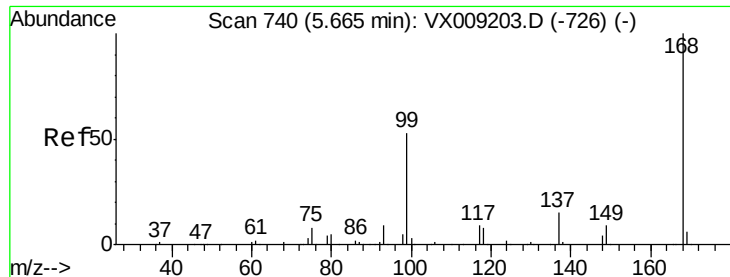
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009326.D

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Instrument :

MSVOA_X

ClientSampleId :

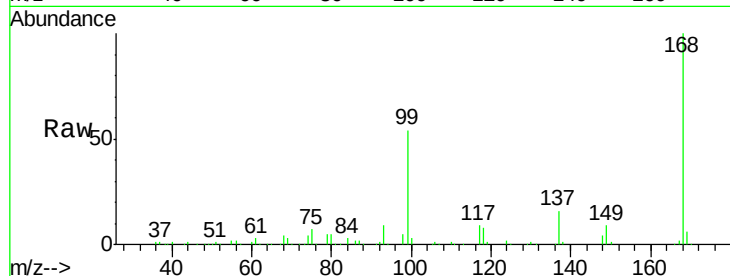
Z4-TB01-190502

Tot Ion:168 Resp: 196632

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

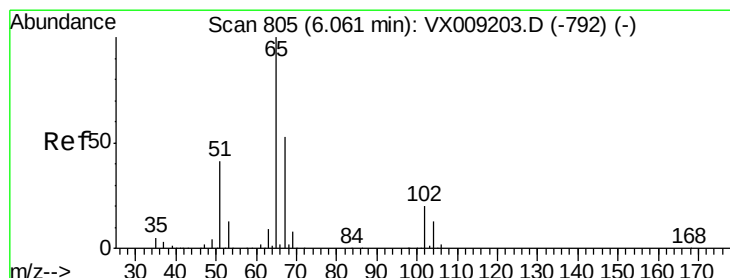
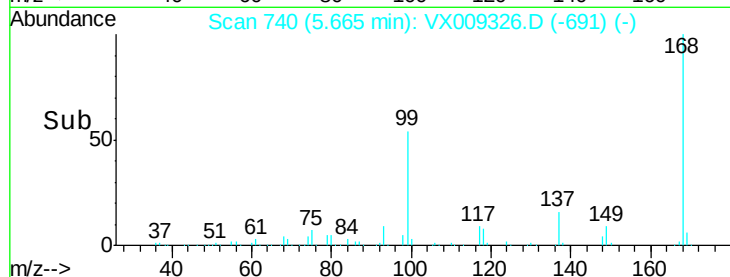
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.898 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009326.D

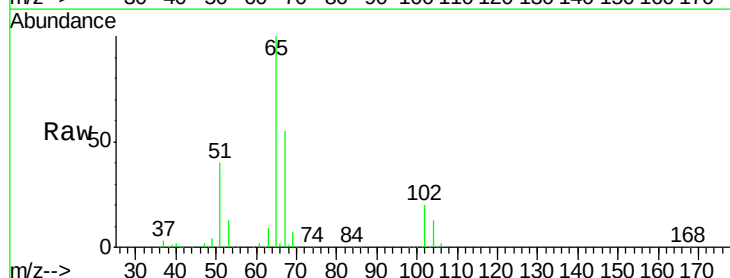
Acq: 03 May 2019 21:43

Tgt Ion: 65 Resp: 131256

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

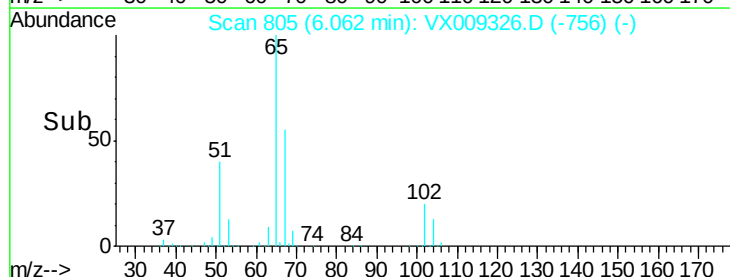
20000

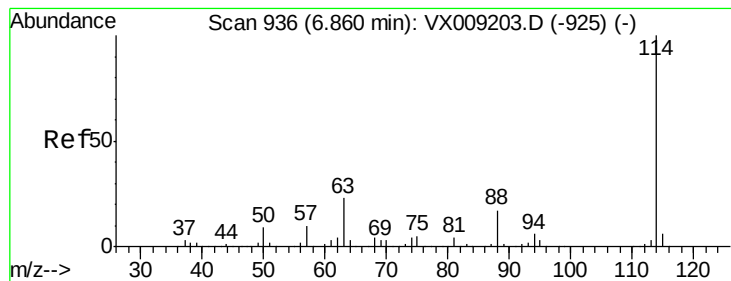
10000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009326.D

Acq: 03 May 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

Z4-TB01-190502

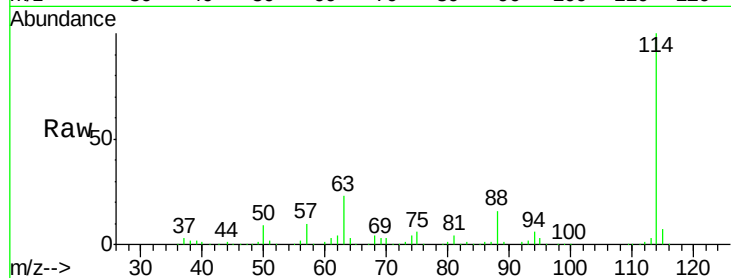
Tot Ion:114 Resp: 317405

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

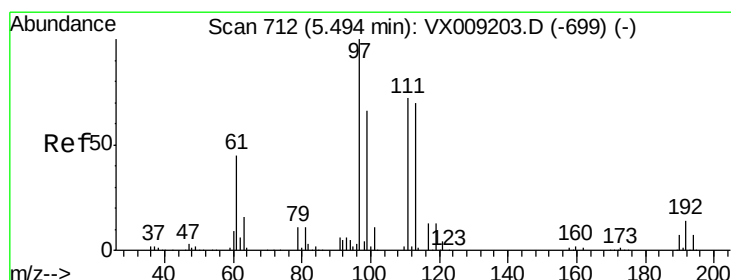
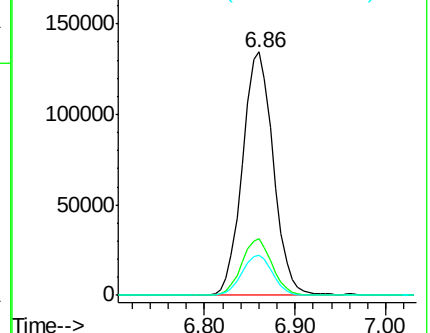
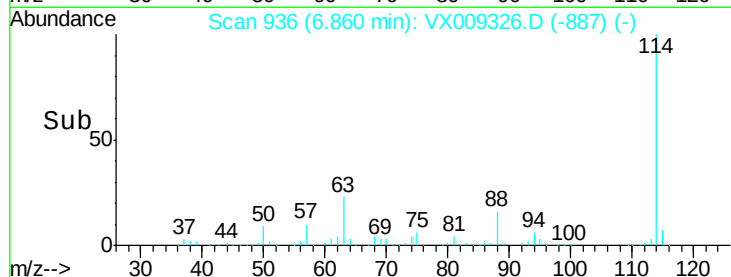
88 16.3 0.0 33.2



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: 48.309 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009326.D

Acq: 03 May 2019 21:43

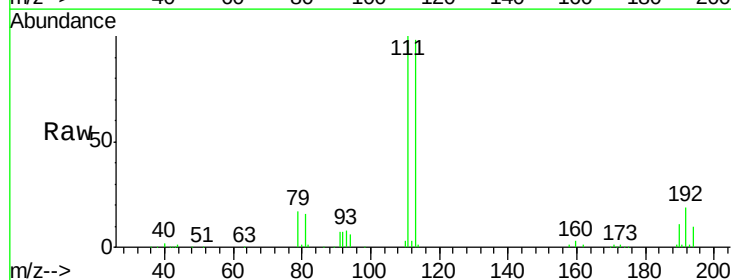
Tgt Ion:113 Resp: 96393

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

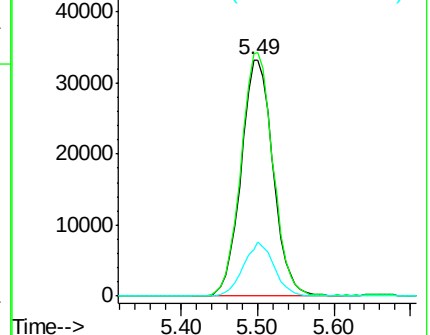
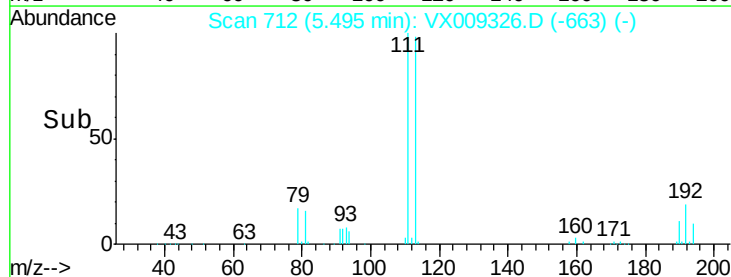
192 21.9 17.0 25.6

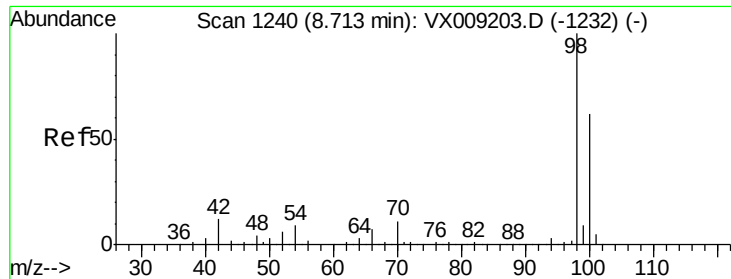


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.539 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009326.D

Acq: 03 May 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

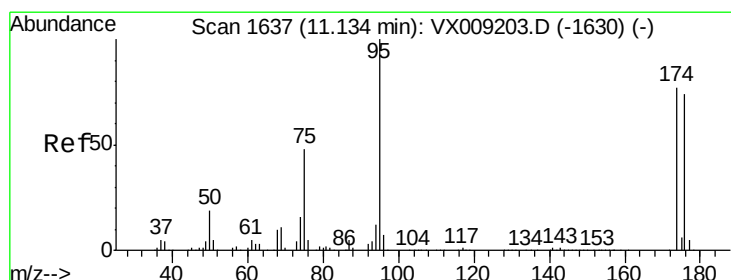
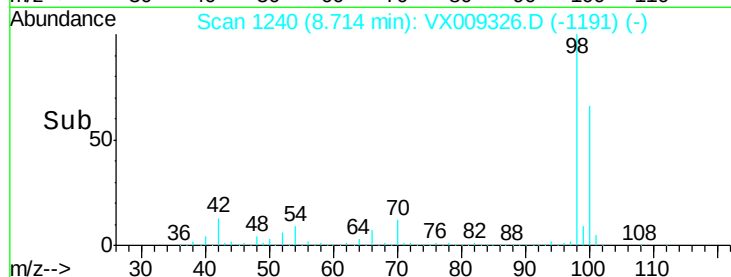
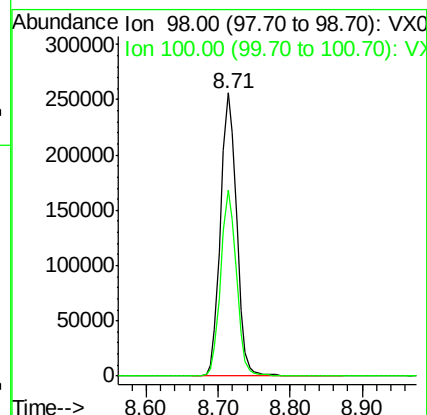
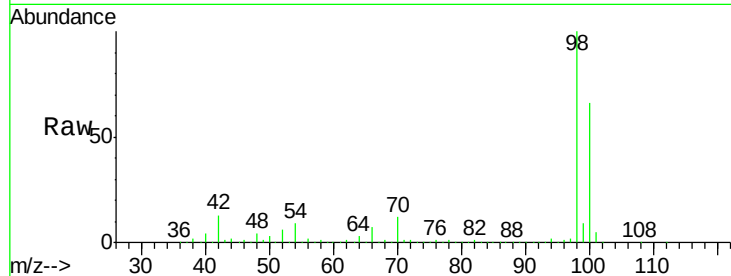
Z4-TB01-190502

Tot Ion: 98 Resp: 399073

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.422 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009326.D

Acq: 03 May 2019 21:43

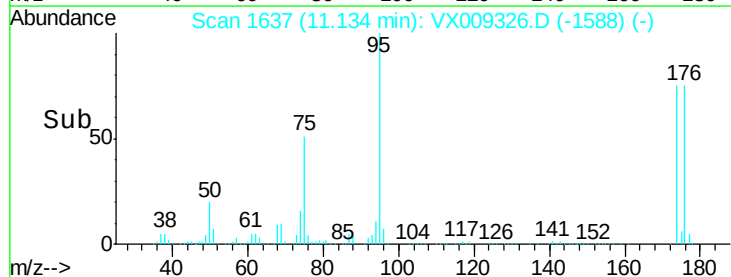
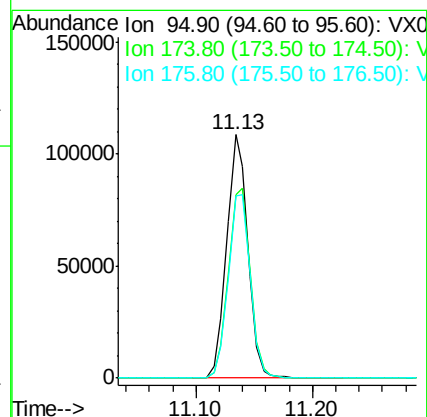
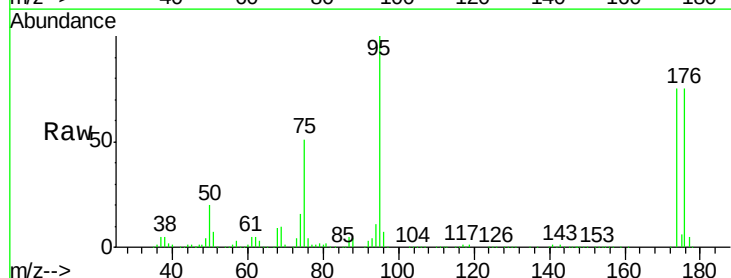
Tgt Ion: 95 Resp: 135882

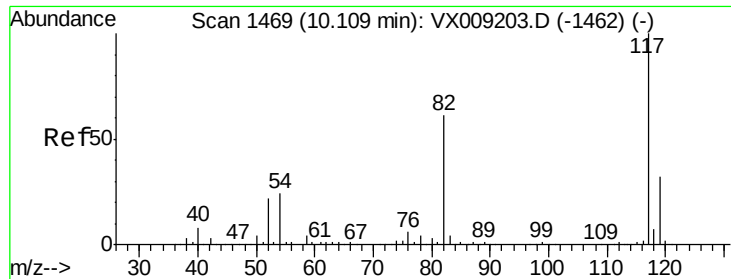
Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

176 78.8 0.0 159.2

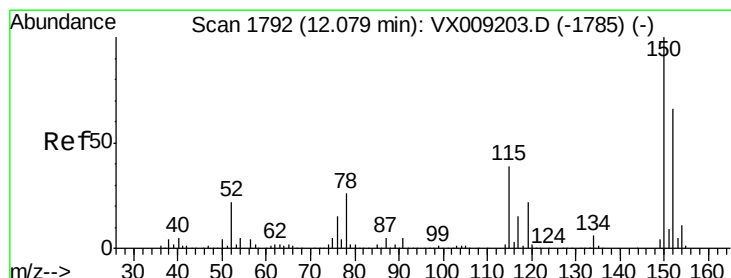
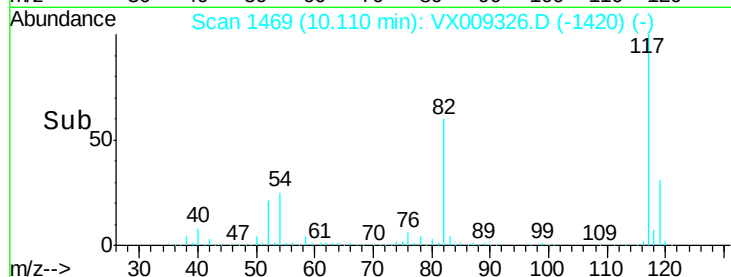
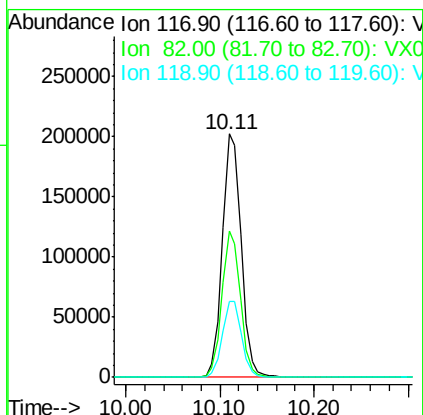
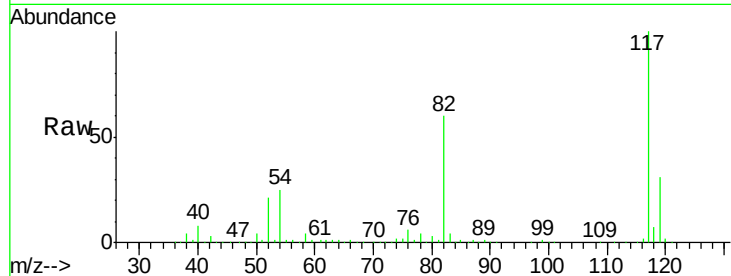




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009326.D
Acq: 03 May 2019 21:43

Instrument :
MSVOA_X
ClientSampleId :
Z4-TB01-190502

Tot Ion:117 Resp: 281396
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 31.2 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: VX009326.D
Acq: 03 May 2019 21:43

Tgt Ion:152 Resp: 122039
Ion Ratio Lower Upper
152 100
115 58.4 41.2 123.6
150 158.8 0.0 346.4

