

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009628.D
 Acq On : 17 May 2019 00:10
 Operator : JC/SP
 Sample : K2887-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB08-190514

Quant Time: May 17 07:42:22 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	176152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116162	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.50	113	85495	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.71	98	353772	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	118551	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

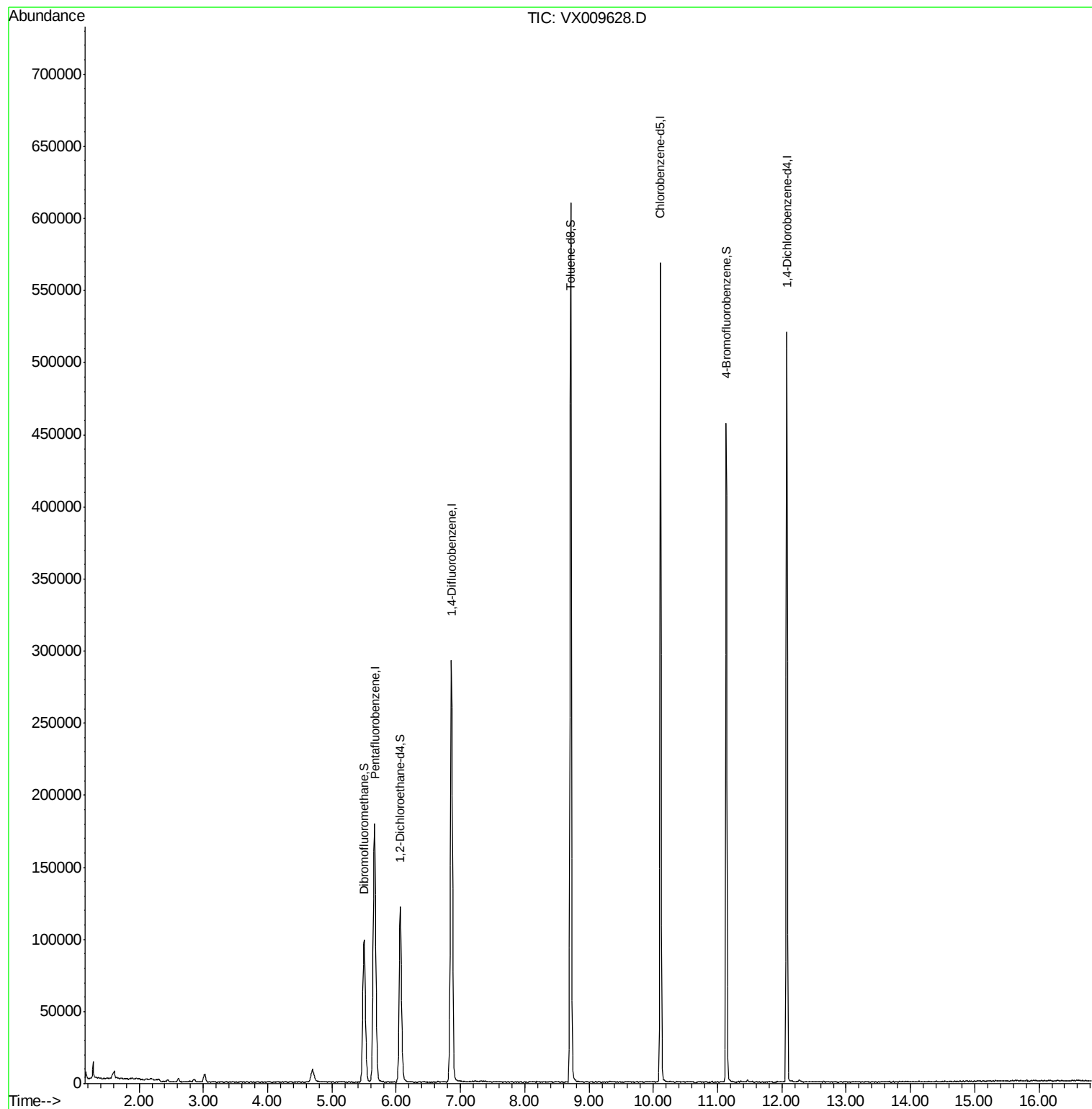
Target Compounds	Qvalue

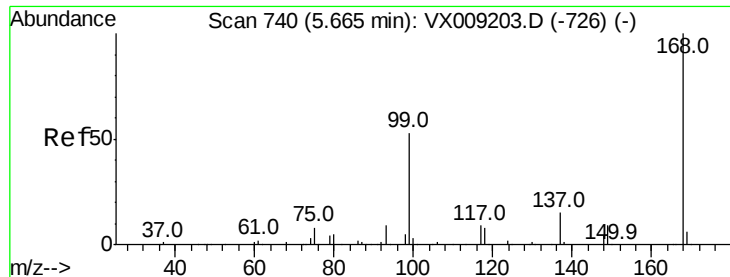
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009628.D

Acq: 17 May 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

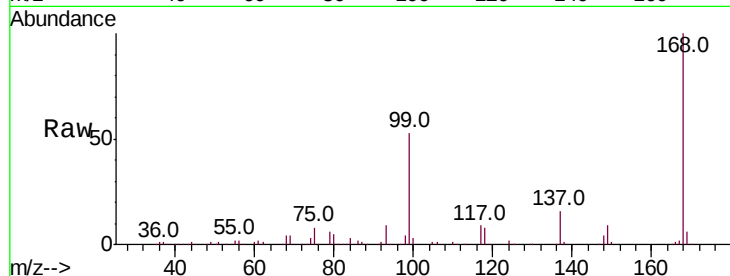
Z4-TB08-190514

Tot Ion:168 Resp: 176152

Ion Ratio Lower Upper

168 100

99 52.9 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

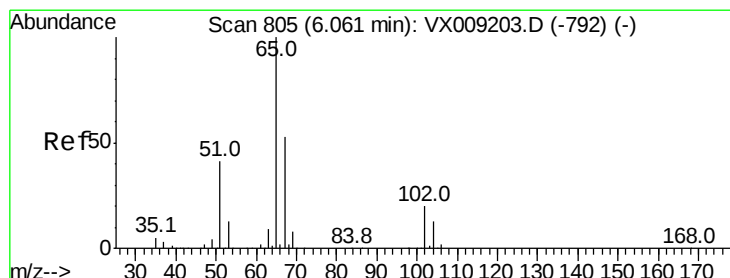
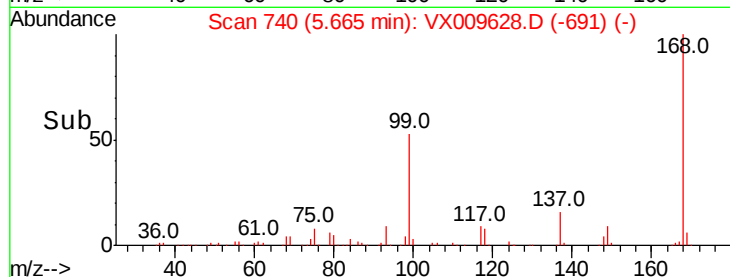
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.307 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009628.D

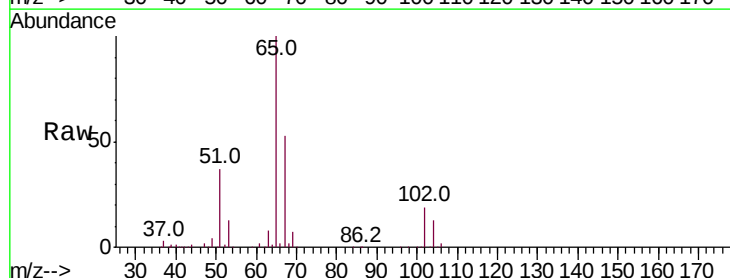
Acq: 17 May 2019 00:10

Tgt Ion: 65 Resp: 116162

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

6.07

50000

40000

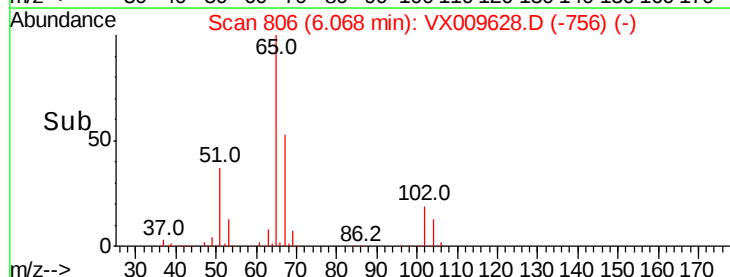
30000

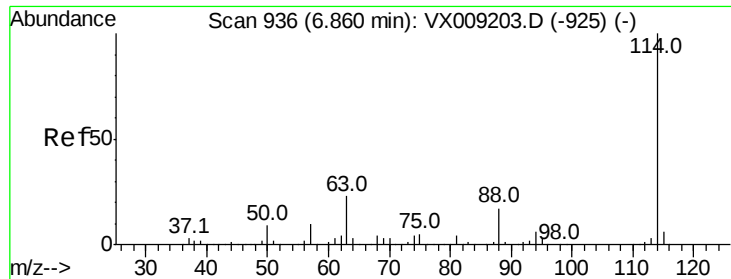
20000

10000

0

Time--> 6.00 6.10 6.20

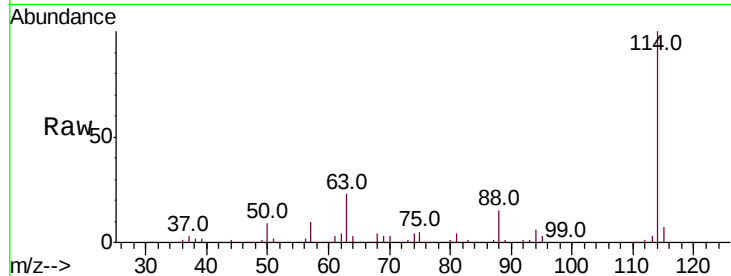




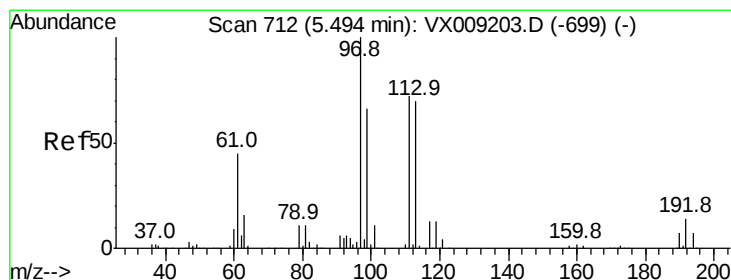
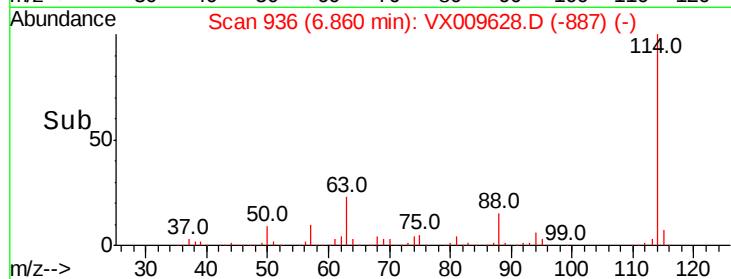
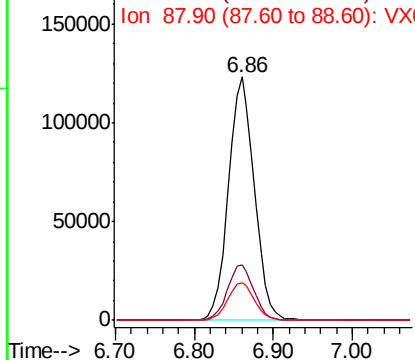
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009628.D
 Acq: 17 May 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB08-190514

Tot Ion:114 Resp: 280449
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 15.4 0.0 33.2

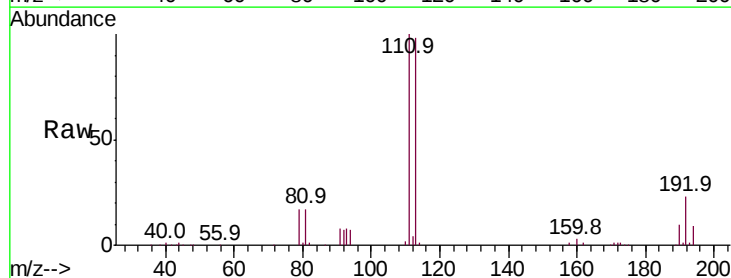


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

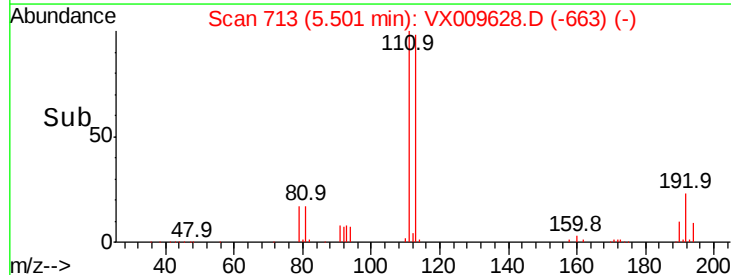
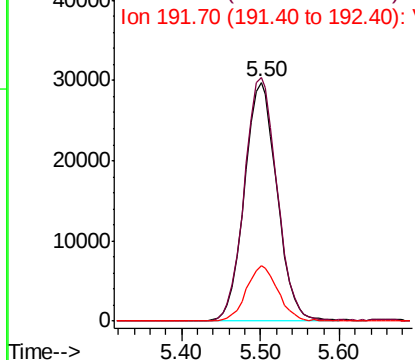


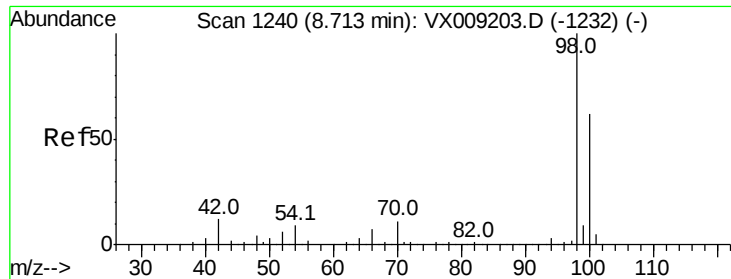
#35
 Dibromofluoromethane
 Concen: 48.494 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009628.D
 Acq: 17 May 2019 00:10

Tgt Ion:113 Resp: 85495
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 22.4 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: 49.703 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009628.D

Acq: 17 May 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

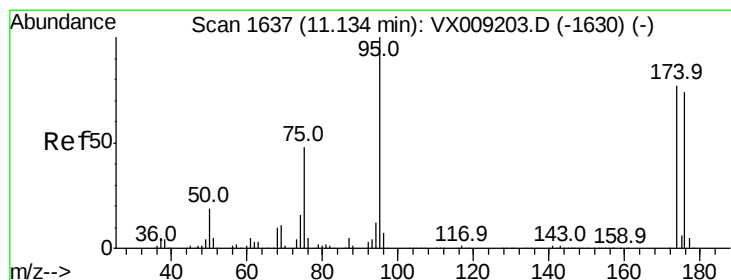
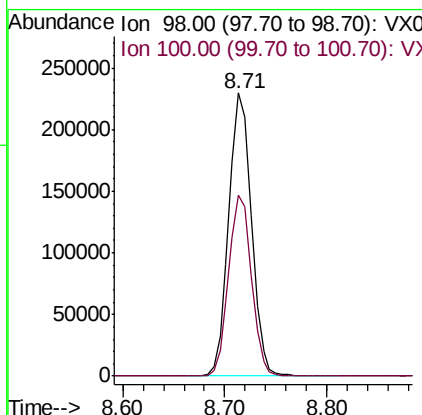
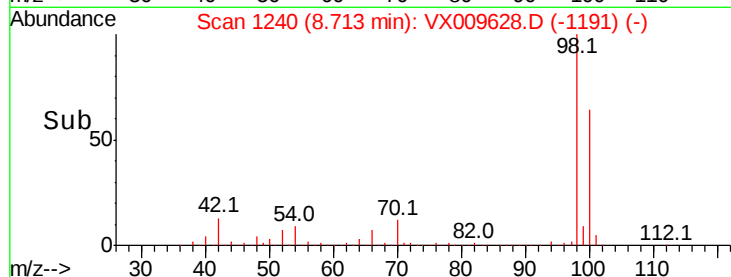
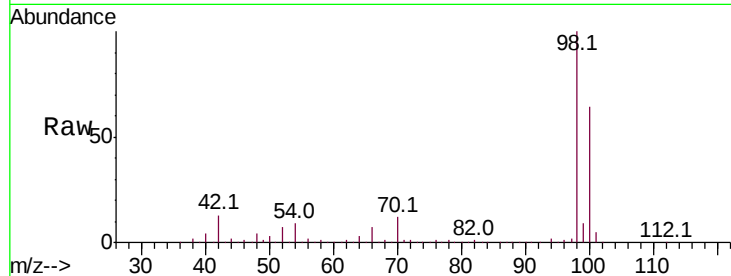
Z4-TB08-190514

Tot Ion: 98 Resp: 353772

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009628.D

Acq: 17 May 2019 00:10

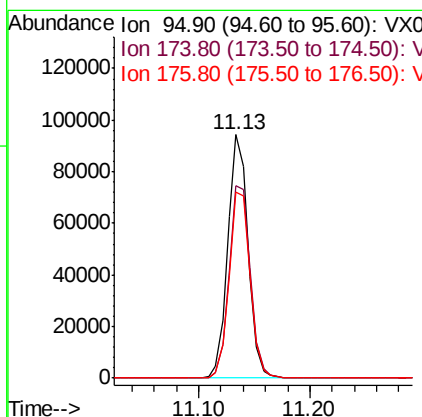
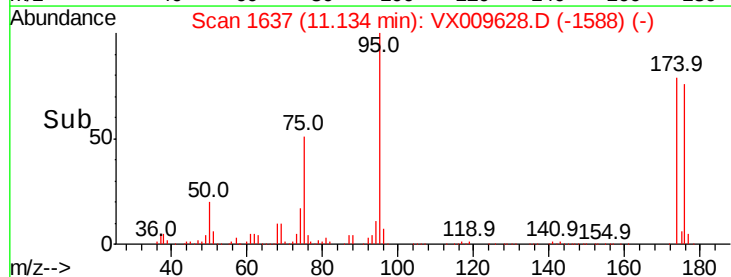
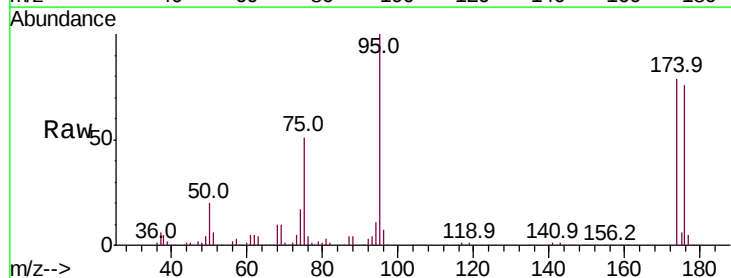
Tgt Ion: 95 Resp: 118551

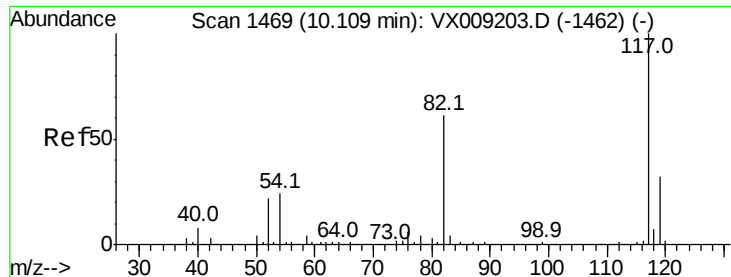
Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.6

176 79.7 0.0 159.2

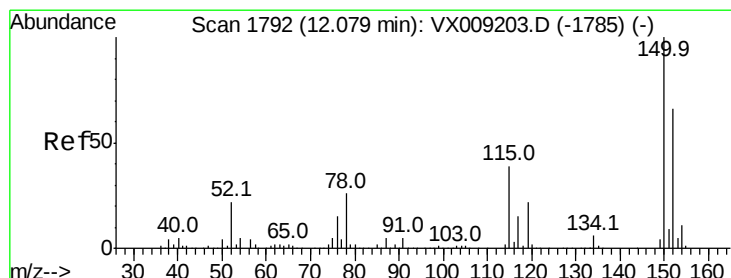
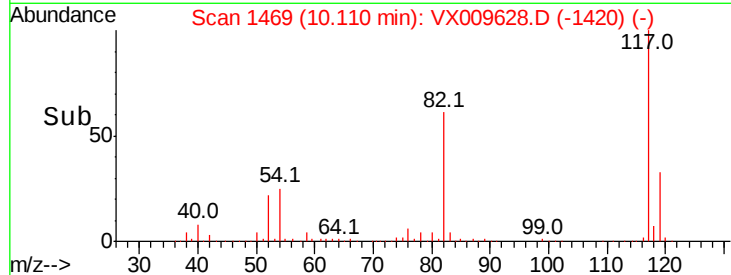
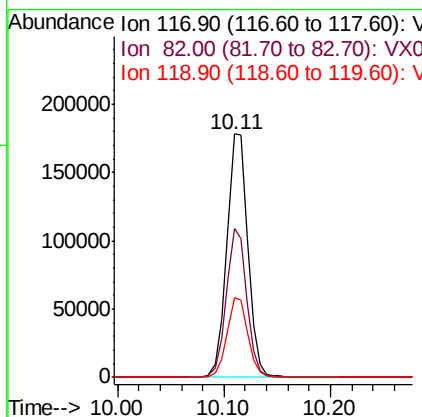
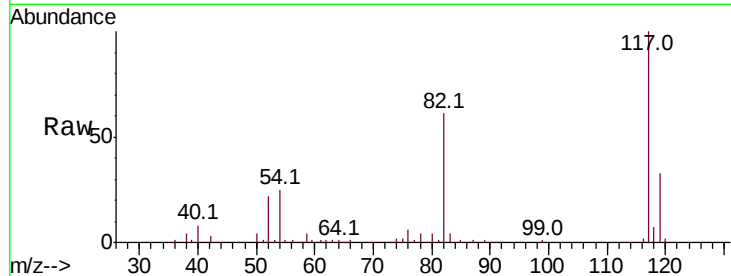




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009628.D
 Acq: 17 May 2019 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-TB08-190514

Tot Ion:117 Resp: 247917
 Ion Ratio Lower Upper
 117 100
 82 61.4 48.8 73.2
 119 32.7 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: VX009628.D
 Acq: 17 May 2019 00:10

Tgt Ion:152 Resp: 108549
 Ion Ratio Lower Upper
 152 100
 115 57.2 41.2 123.6
 150 155.8 0.0 346.4

