

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011081.D
 Acq On : 26 Jul 2019 11:32
 Operator : JC/SP
 Sample : K4014-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jul 27 02:24:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	197053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121103	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105297	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.49	113	97918	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.71	98	372085	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	123990	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

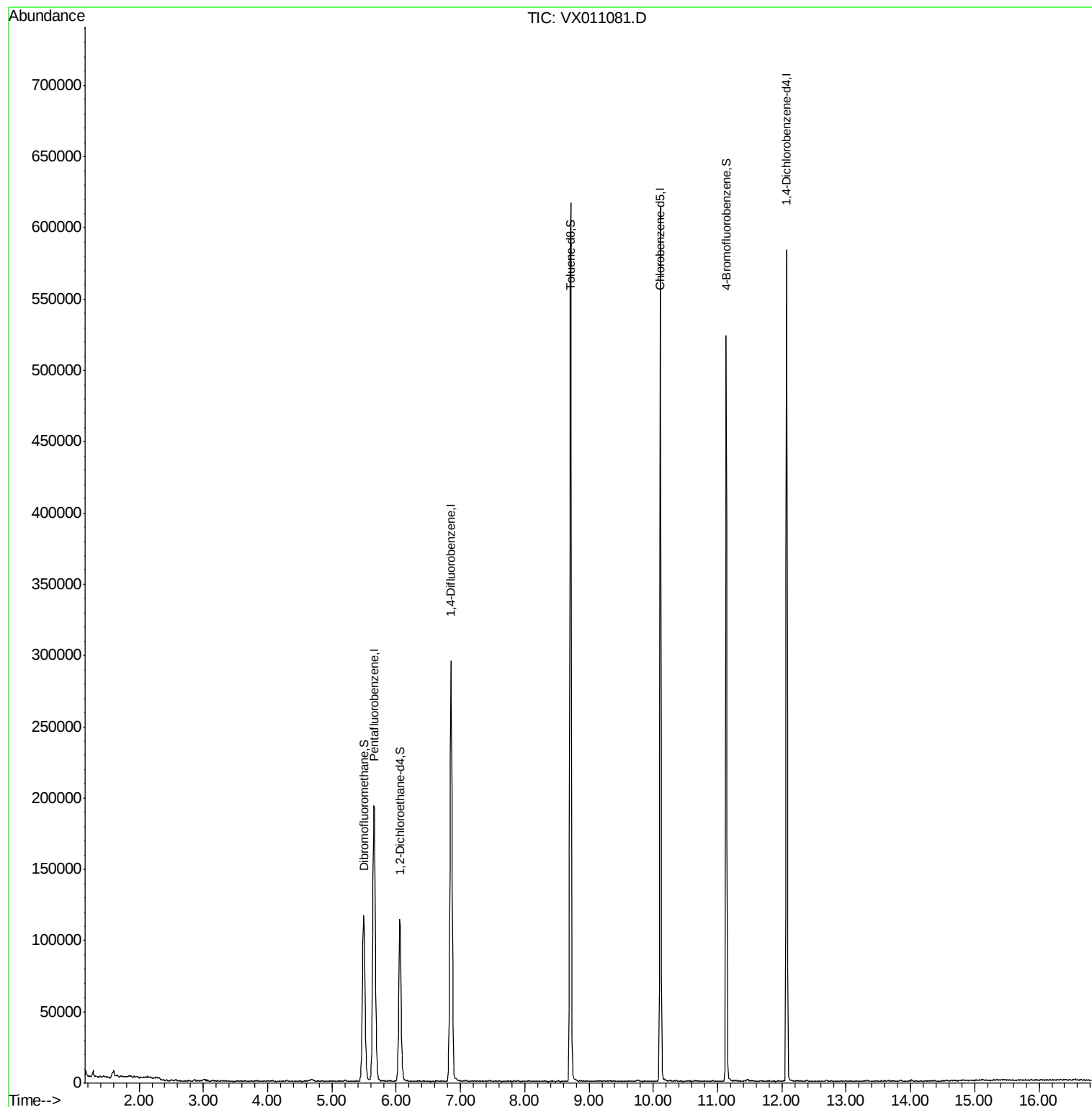
Target Compounds	Qvalue

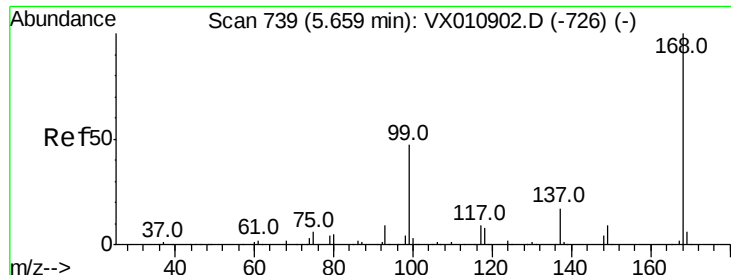
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX011081.D

Acq: 26 Jul 2019 11:32

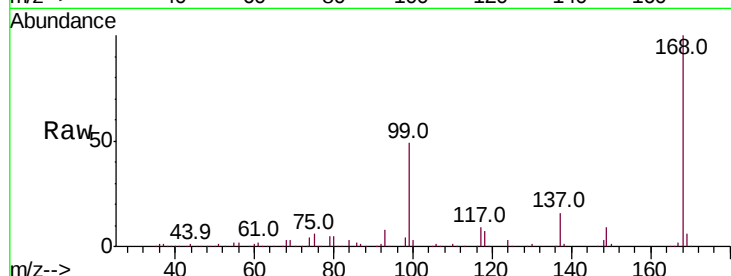
Instrument :
MSVOA_X
ClientSampled :
TB

Tot Ion:168 Resp: 197053

Ion Ratio Lower Upper

168 100

99 49.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

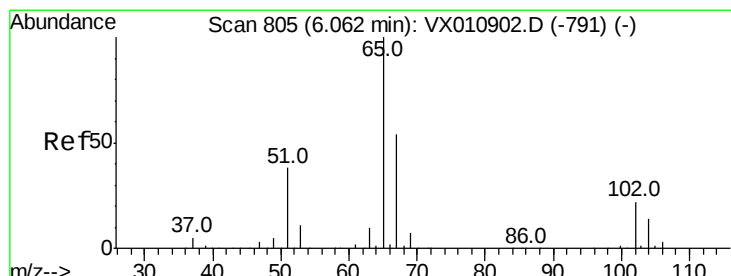
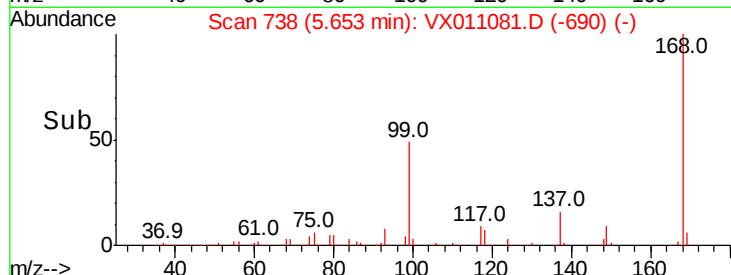
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.229 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011081.D

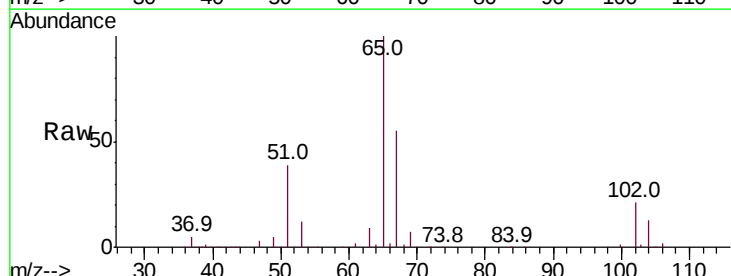
Acq: 26 Jul 2019 11:32

Tgt Ion: 65 Resp: 105297

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

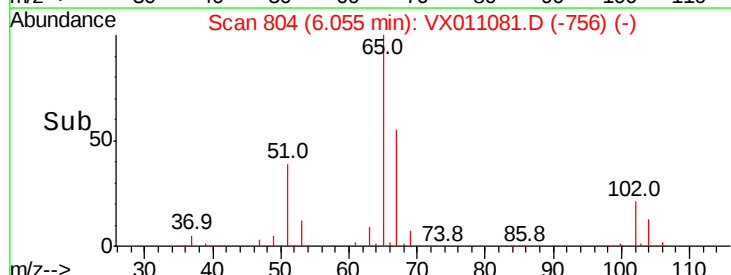
30000

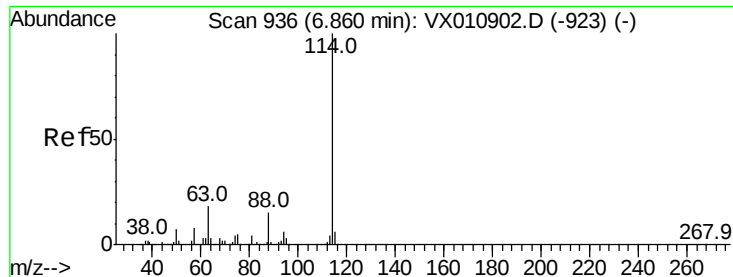
20000

10000

0

Time--> 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011081.D

Acq: 26 Jul 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

TB

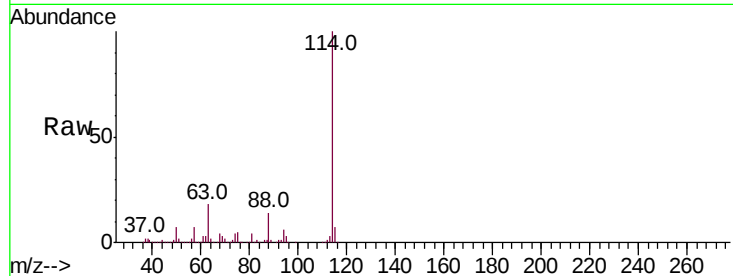
Tot Ion:114 Resp: 312436

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

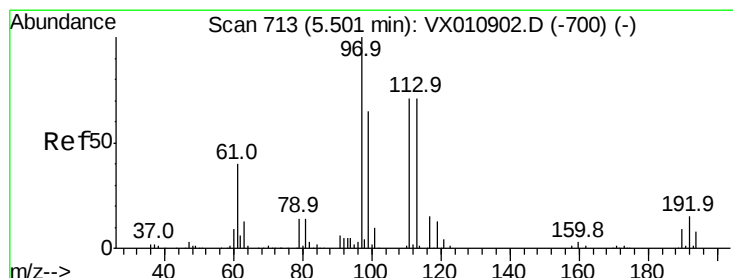
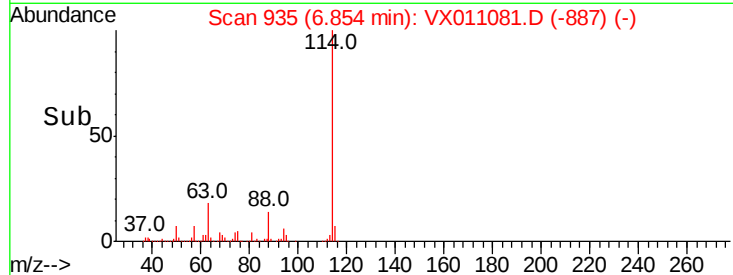
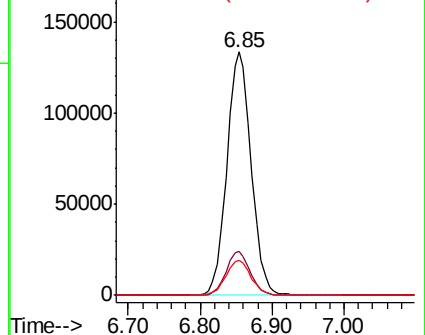
88 14.5 0.0 29.8



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: 49.376 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011081.D

Acq: 26 Jul 2019 11:32

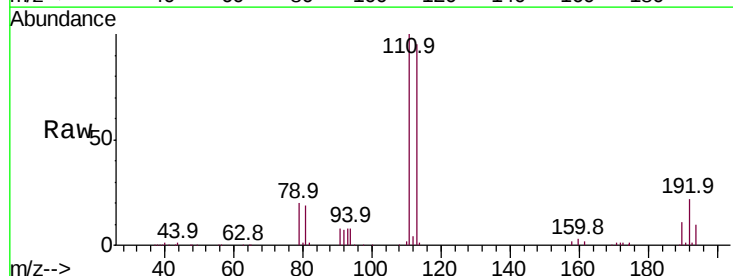
Tgt Ion:113 Resp: 97918

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

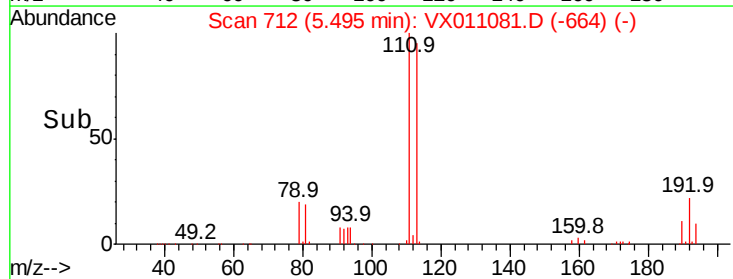
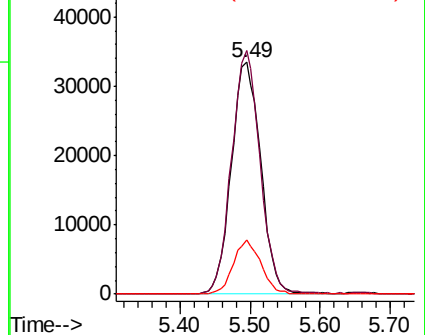
192 21.9 17.4 26.2

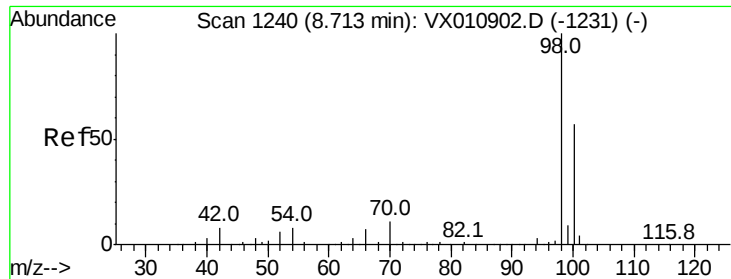


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.026 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011081.D

Acq: 26 Jul 2019 11:32

Instrument :

MSVOA_X

ClientSampled :

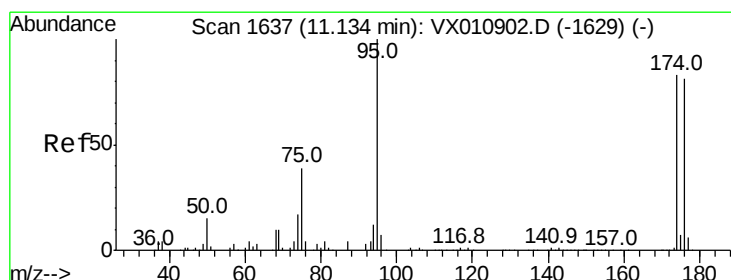
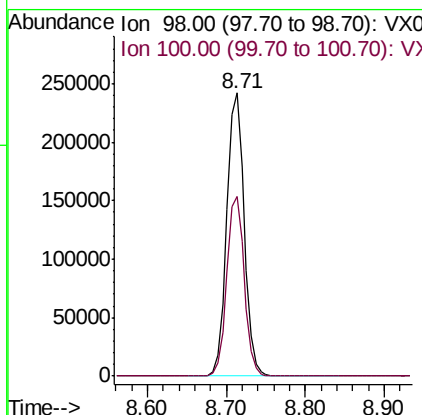
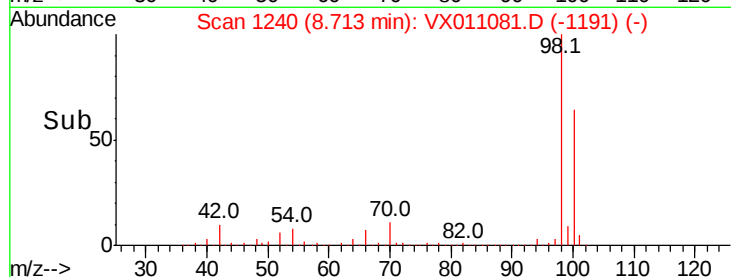
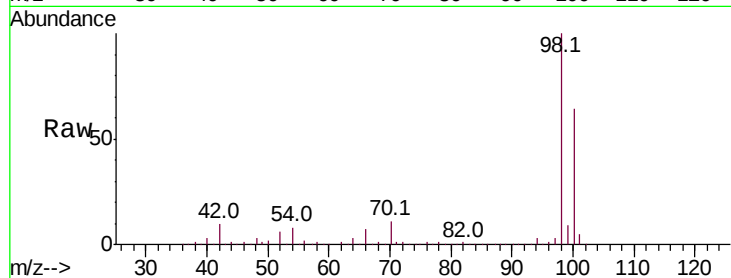
TB

Tot Ion: 98 Resp: 372085

Ion Ratio Lower Upper

98 100

100 63.4 50.6 75.8



#62

4-Bromofluorobenzene

Concen: 45.352 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011081.D

Acq: 26 Jul 2019 11:32

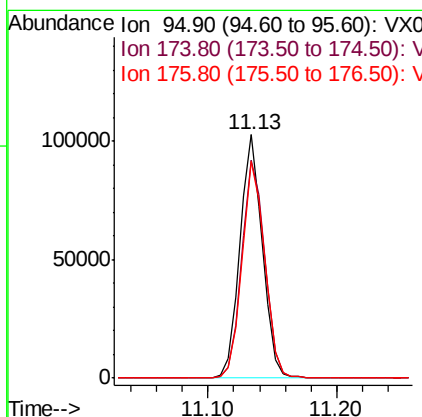
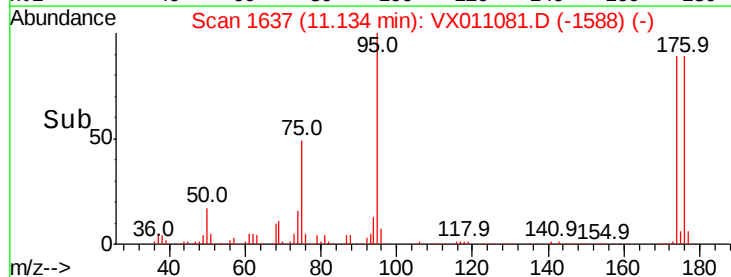
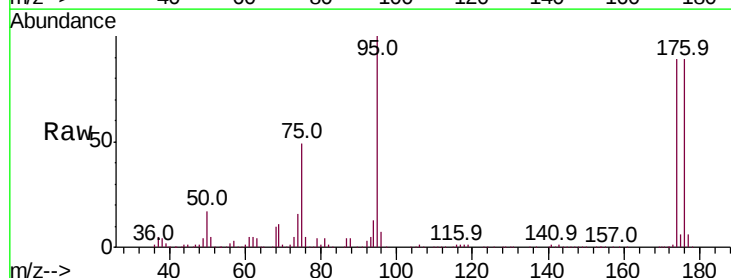
Tgt Ion: 95 Resp: 123990

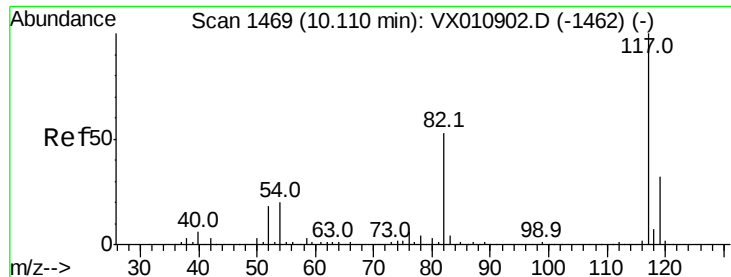
Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.6

176 90.0 0.0 173.8



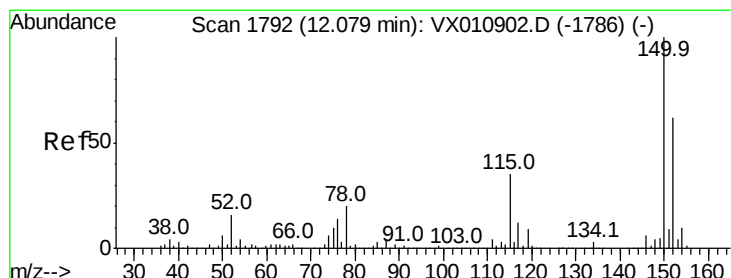
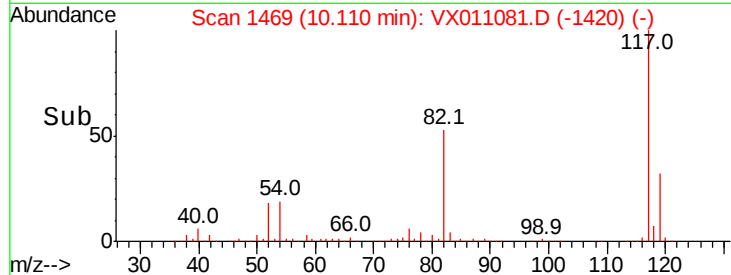
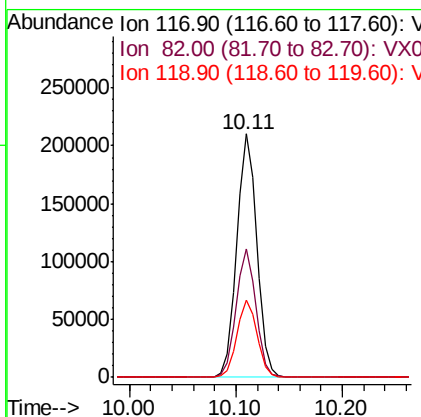
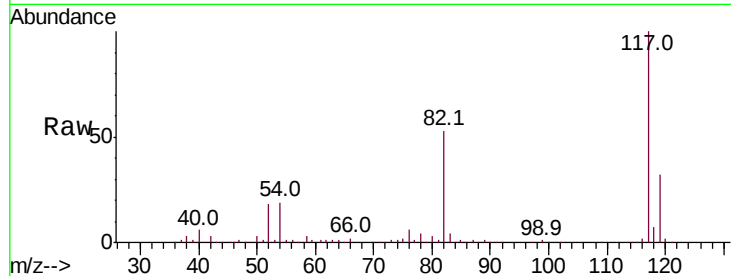


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX011081.D
 Acq: 26 Jul 2019 11:32

Instrument :
 MSVOA_X
 ClientSampleID :
 TB

Tot Ion:117 Resp: 279939

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	63.8
119	31.7	25.9	38.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011081.D
 Acq: 26 Jul 2019 11:32

Tgt Ion:152 Resp: 121103

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.7	119.1
150	156.9	0.0	345.6

