

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007394.D
 Acq On : 06 Feb 2019 12:51
 Operator : JC/SP
 Sample : K1386-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190205

Quant Time: Feb 07 09:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	499388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	755379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	692329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	343406	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	263201	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	5.51	113	227993	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	8.71	98	880961	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.14	95	311363	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	

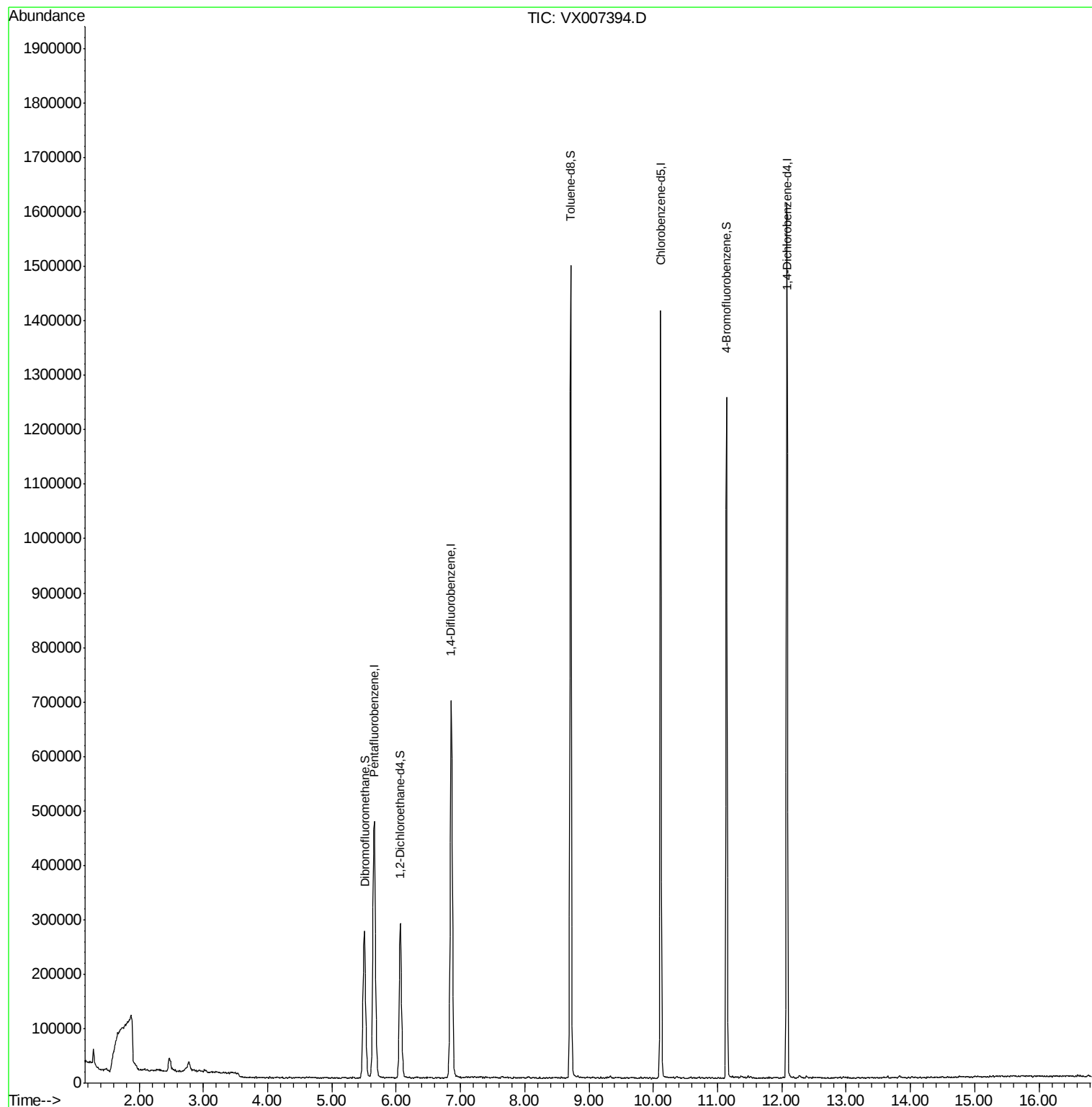
Target Compounds	Qvalue
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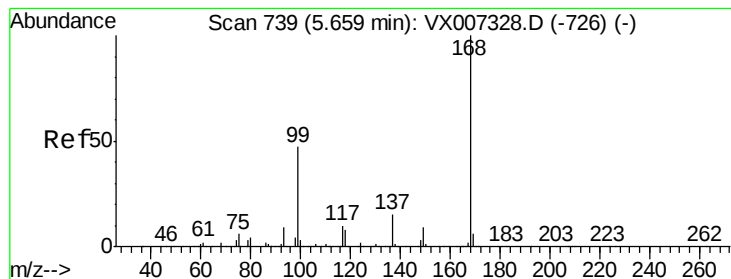
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007394.D

Acq: 06 Feb 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

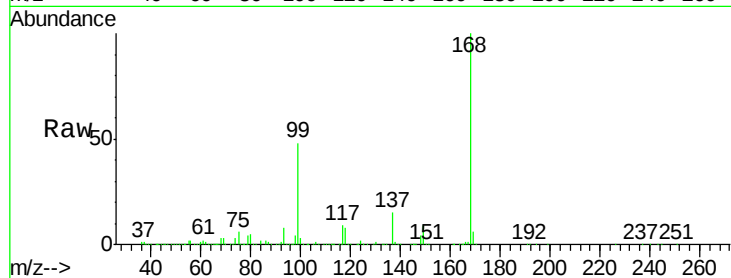
TB-01-190205

Tot Ion:168 Resp: 499388

Ion Ratio Lower Upper

168 100

99 48.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

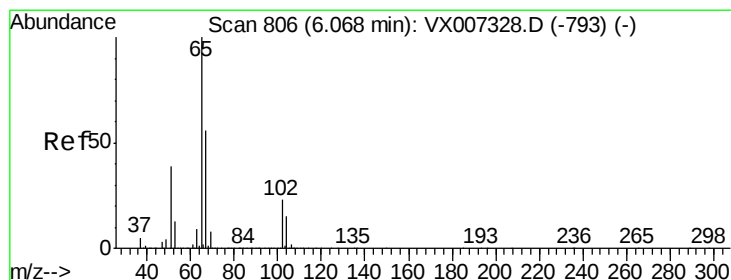
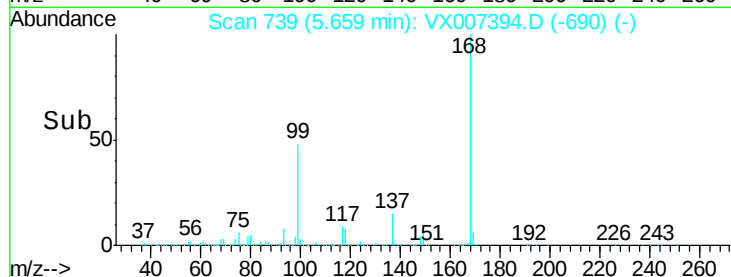
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.655 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007394.D

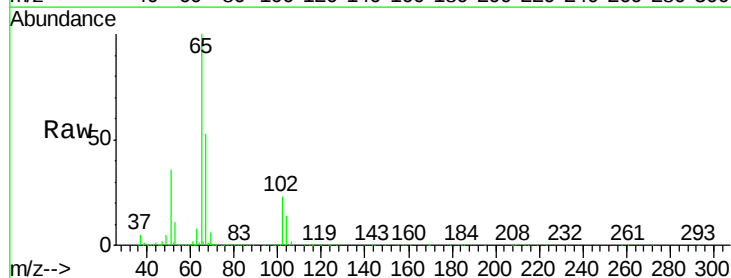
Acq: 06 Feb 2019 12:51

Tgt Ion: 65 Resp: 263201

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

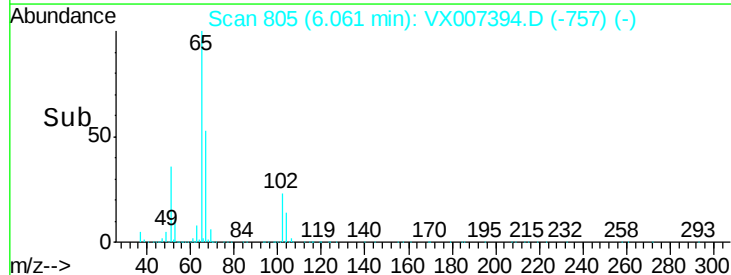
60000

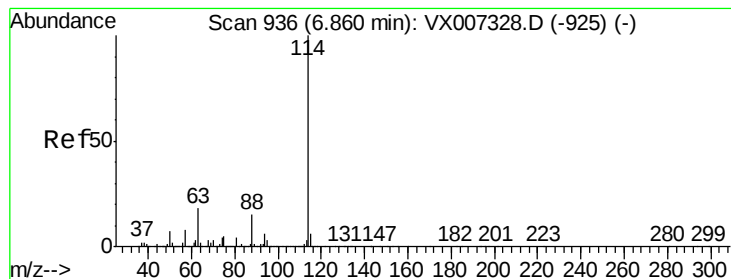
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX007394.D

Acq: 06 Feb 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

TB-01-190205

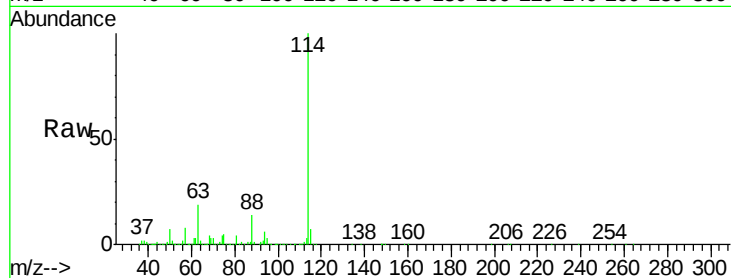
Tot Ion:114 Resp: 755379

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

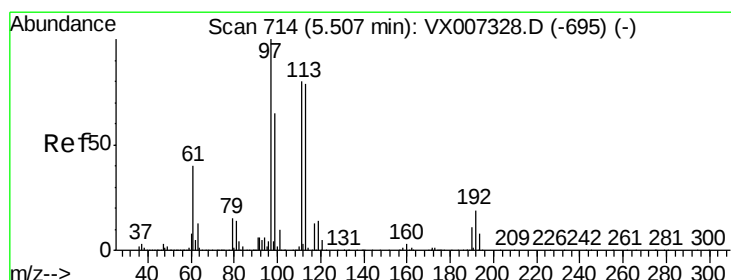
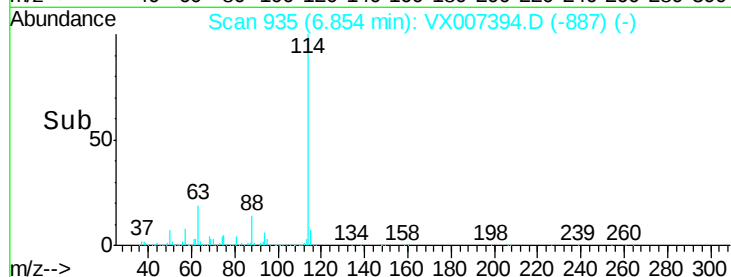
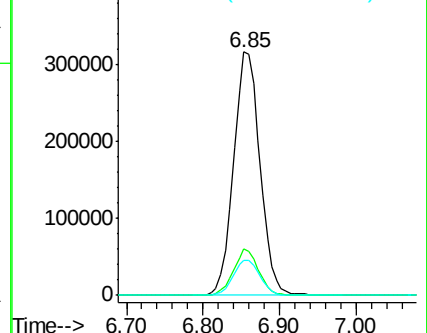
88 14.3 0.0 29.6



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: 46.387 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007394.D

Acq: 06 Feb 2019 12:51

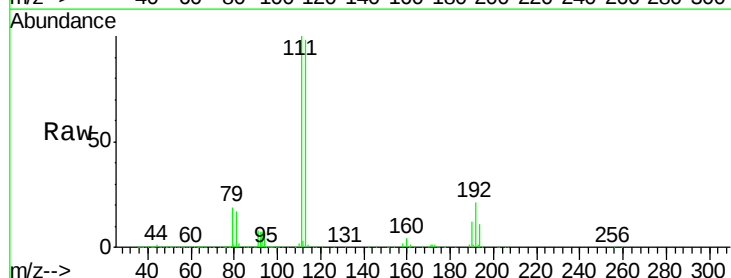
Tgt Ion:113 Resp: 227993

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

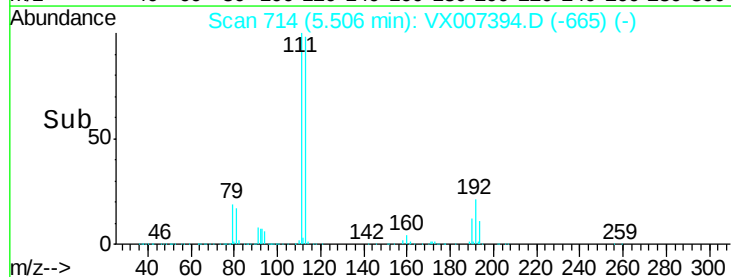
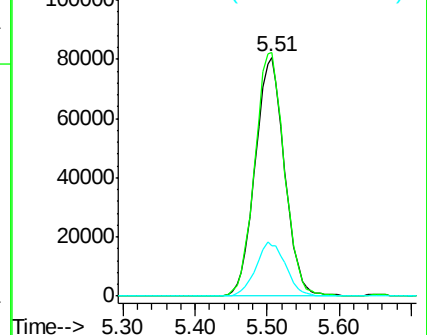
192 23.0 18.5 27.7

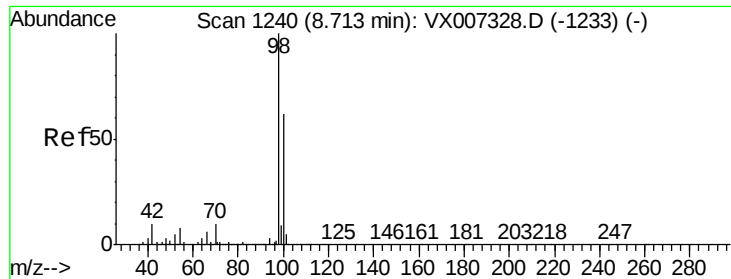


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.310 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007394.D

Acq: 06 Feb 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

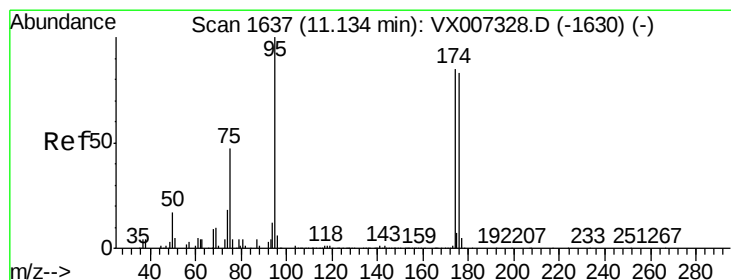
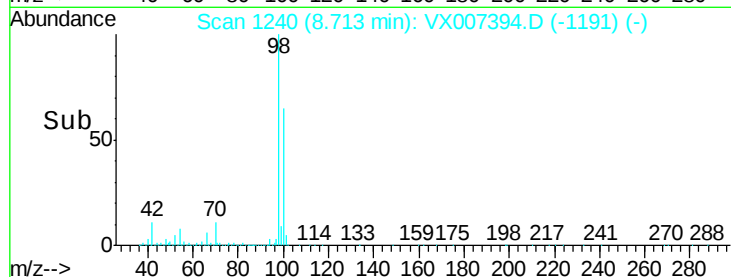
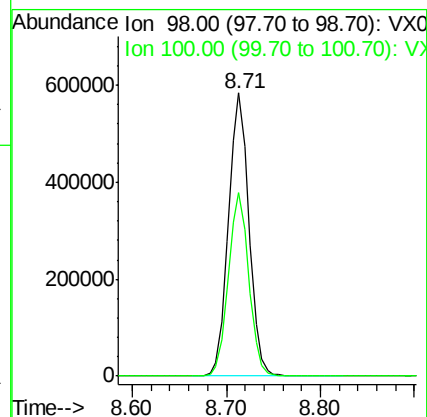
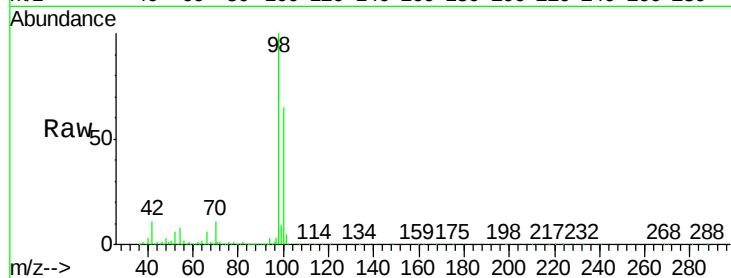
TB-01-190205

Tot Ion: 98 Resp: 880961

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.767 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007394.D

Acq: 06 Feb 2019 12:51

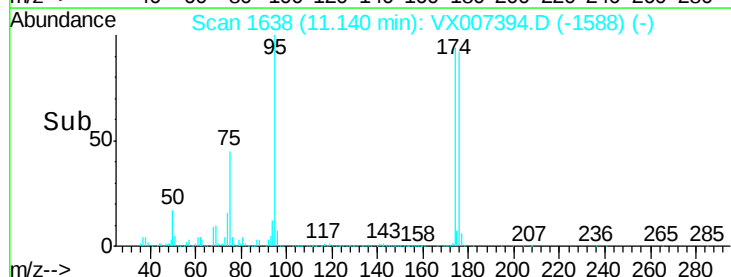
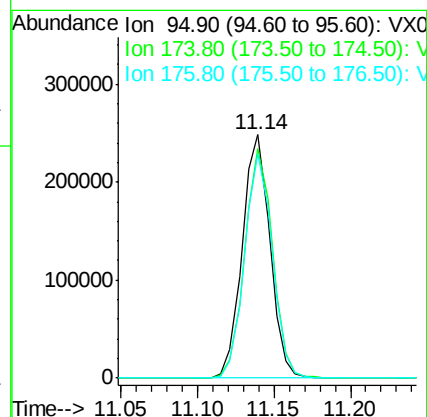
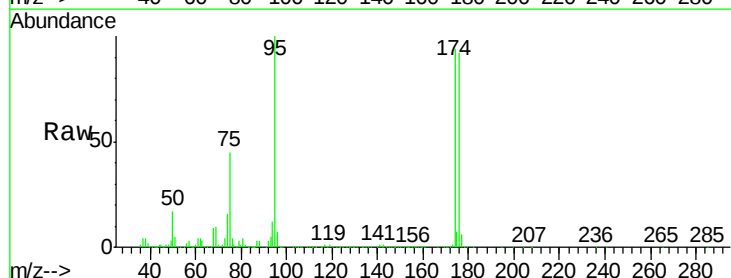
Tgt Ion: 95 Resp: 311363

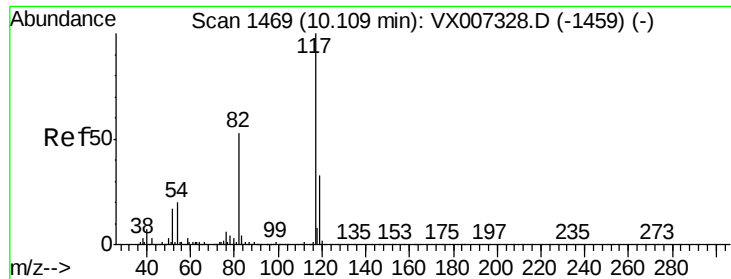
Ion Ratio Lower Upper

95 100

174 95.0 0.0 189.2

176 92.4 0.0 186.2

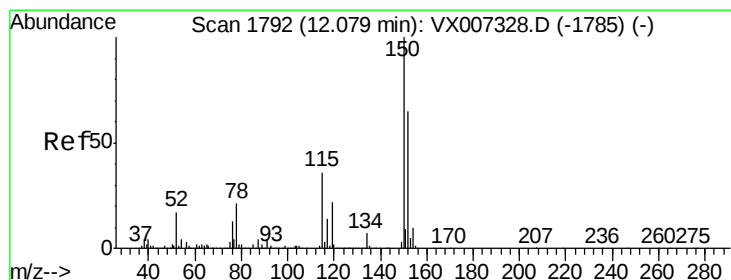
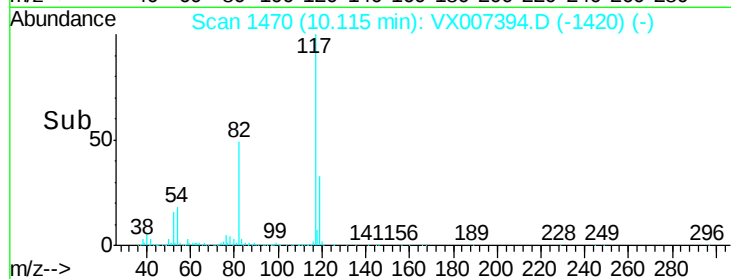
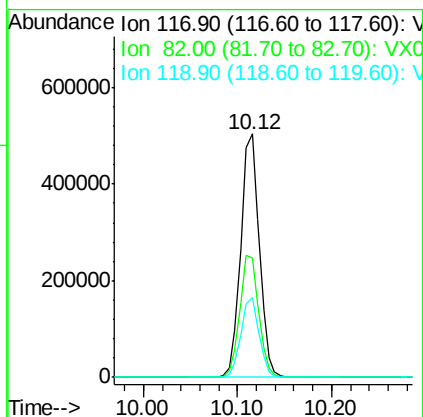
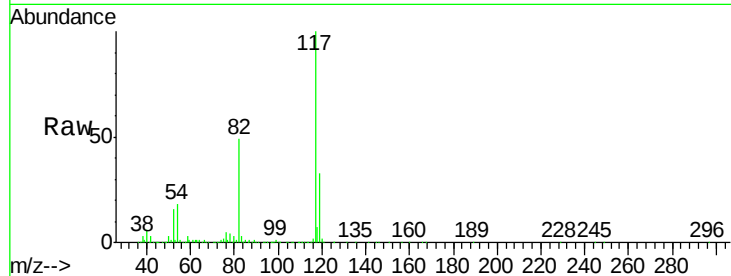




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007394.D
Acq: 06 Feb 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
TB-01-190205

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	42.1	63.1
119	32.7	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007394.D
Acq: 06 Feb 2019 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	38.0	114.0
150	156.3	0.0	346.4

