

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007743.D
 Acq On : 27 Feb 2019 19:24
 Operator : JC/SP
 Sample : K1653-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-022719

Quant Time: Feb 28 12:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	465838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221156	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	192125	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	158872	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	8.71	98	604809	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.13	95	215257	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	

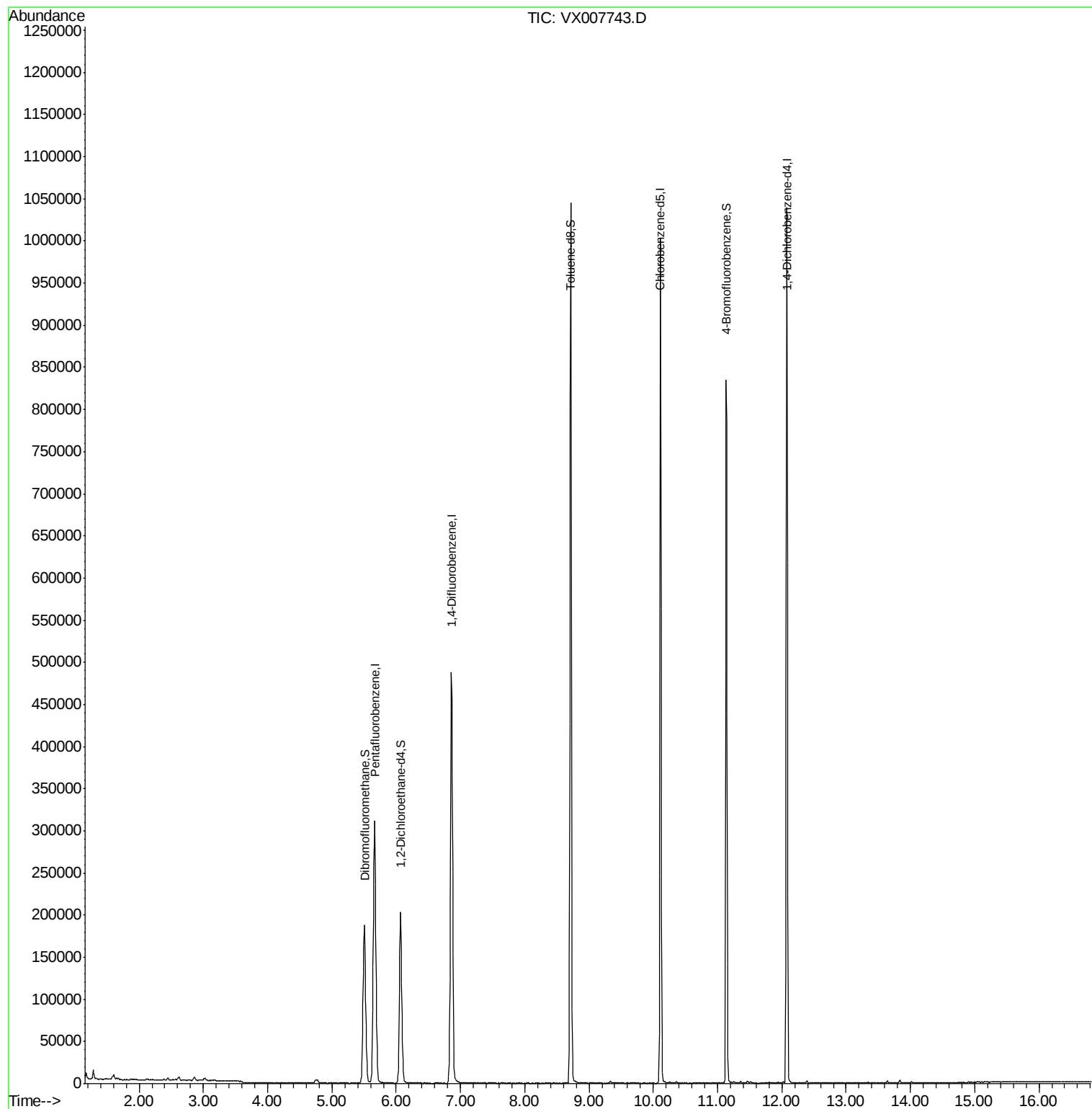
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007743.D

Acq: 27 Feb 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

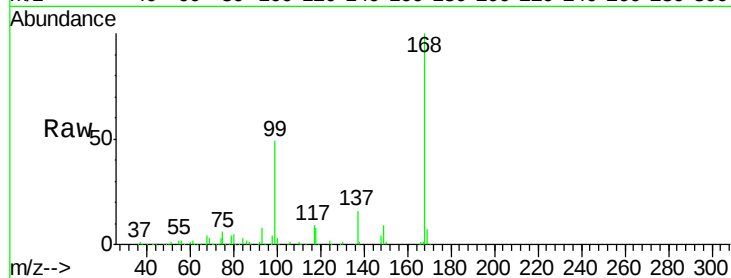
TB-022719

Tot Ion:168 Resp: 317964

Ion Ratio Lower Upper

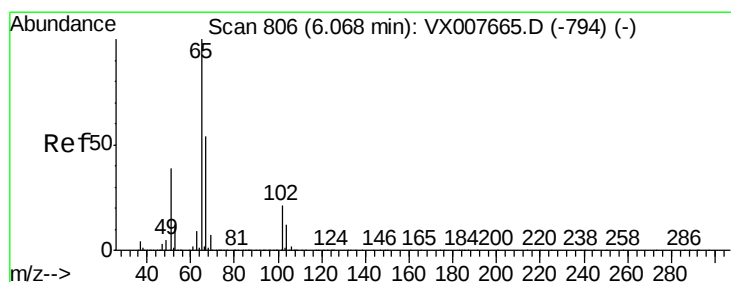
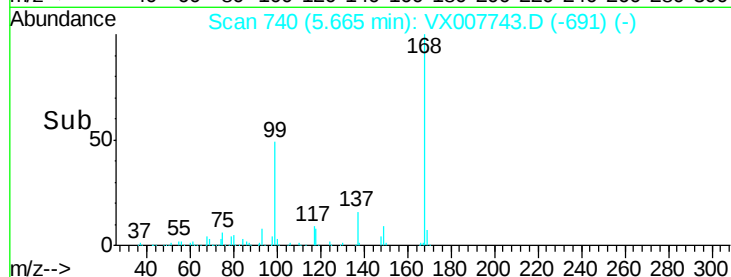
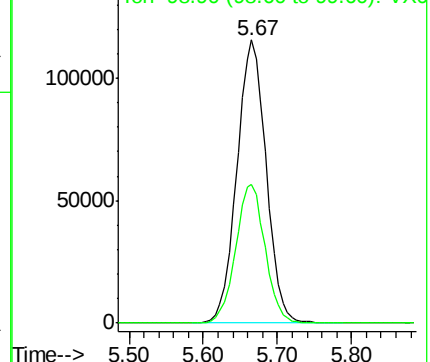
168 100

99 49.2 37.9 56.9



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: 48.780 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007743.D

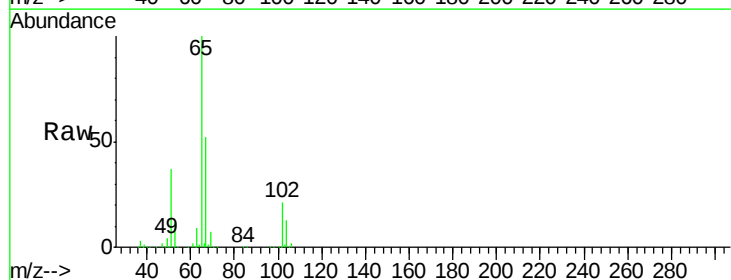
Acq: 27 Feb 2019 19:24

Tgt Ion: 65 Resp: 192125

Ion Ratio Lower Upper

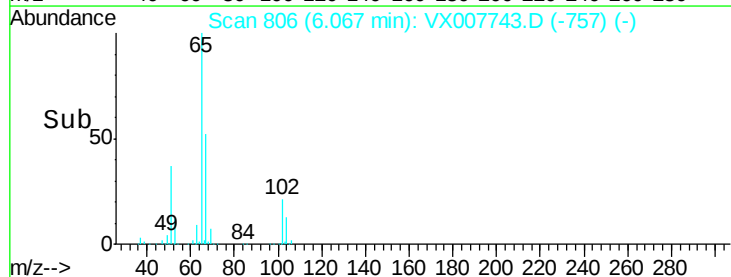
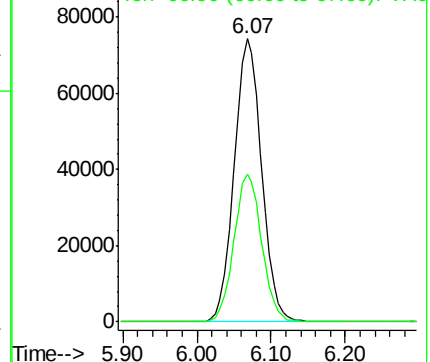
65 100

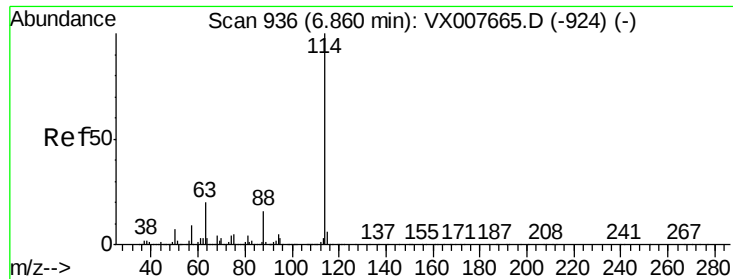
67 52.5 0.0 108.8



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: VX007743.D

Acq: 27 Feb 2019 19:24

Instrument :

MSVOA_X

ClientSampled :

TB-022719

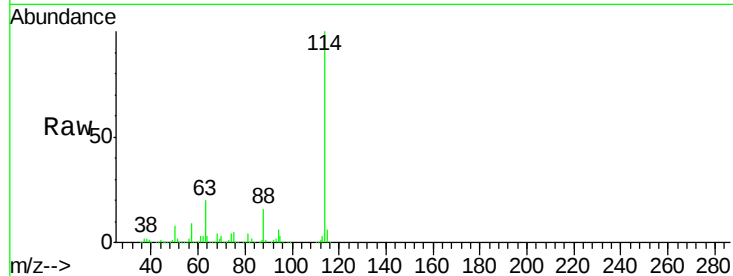
Tot Ion:114 Resp: 494057

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.6

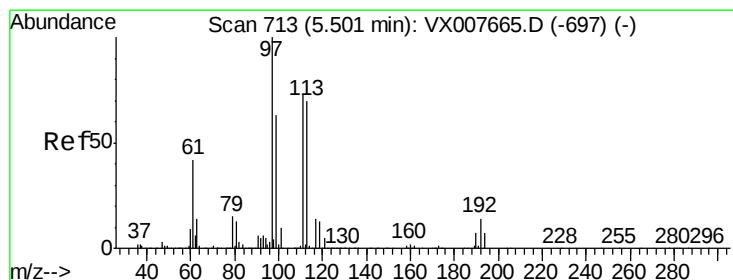
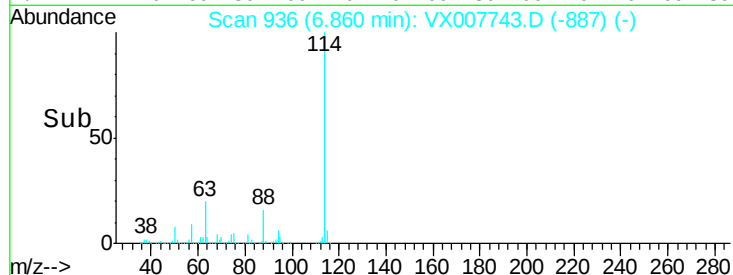
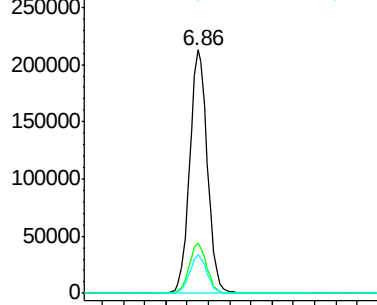
88 15.7 0.0 29.6



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: 48.105 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007743.D

Acq: 27 Feb 2019 19:24

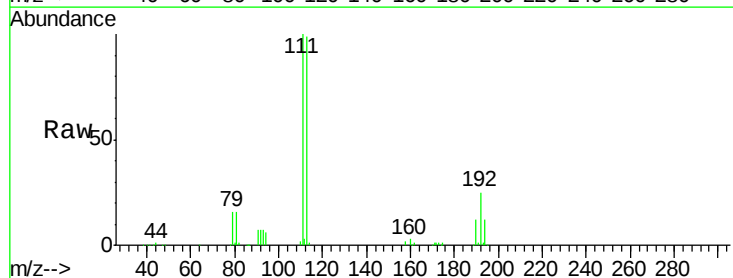
Tgt Ion:113 Resp: 158872

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

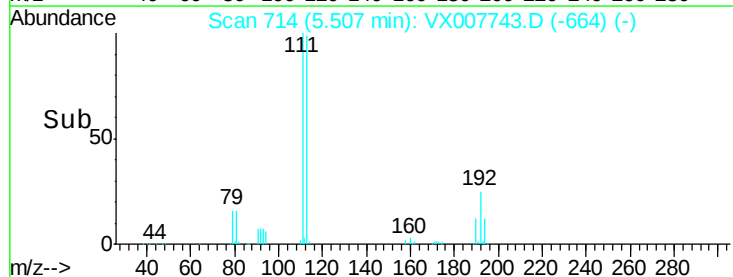
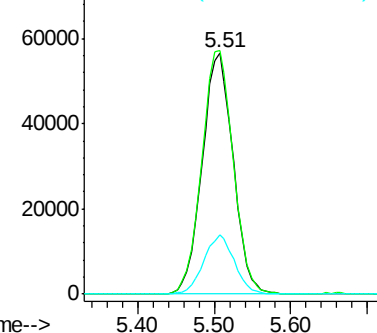
192 24.2 18.5 27.7



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: 47.835 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007743.D

Acq: 27 Feb 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

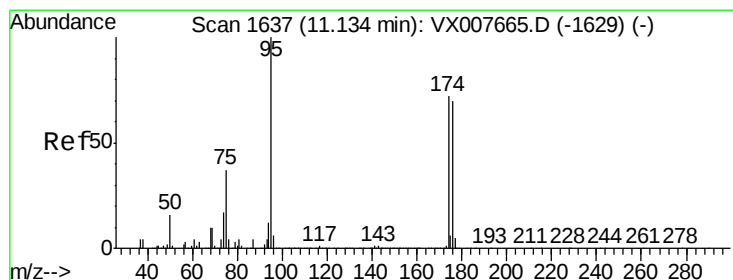
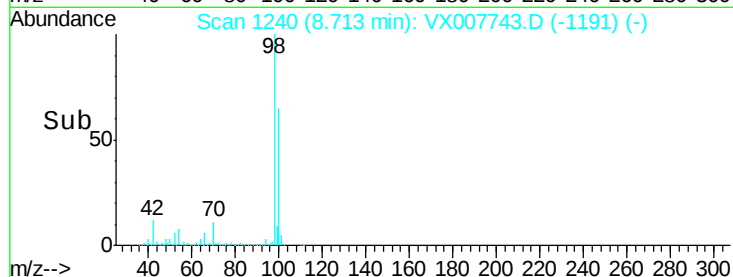
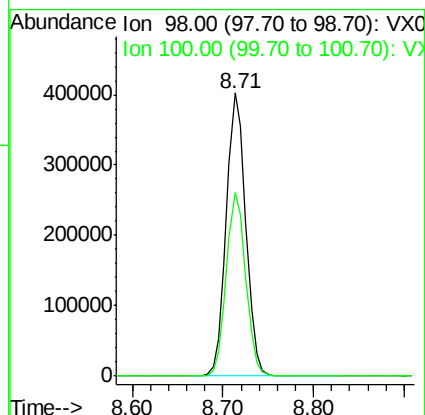
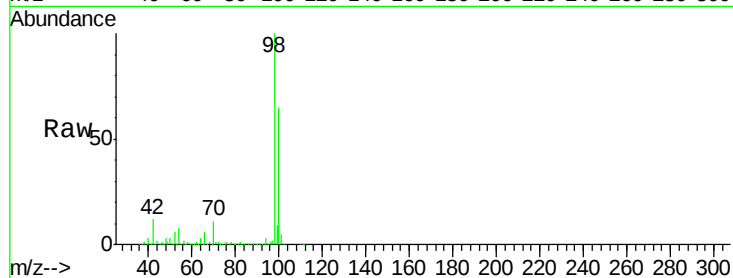
TB-022719

Tot Ion: 98 Resp: 604809

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.385 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007743.D

Acq: 27 Feb 2019 19:24

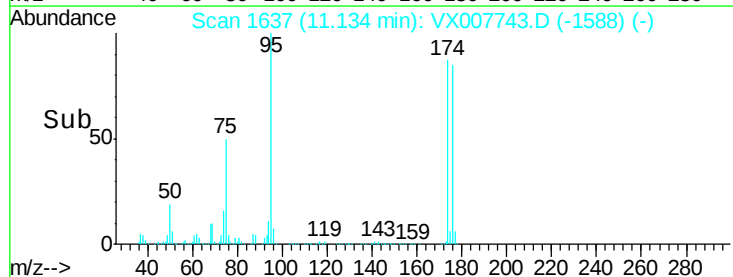
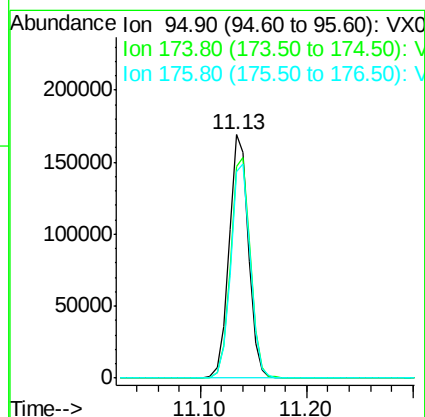
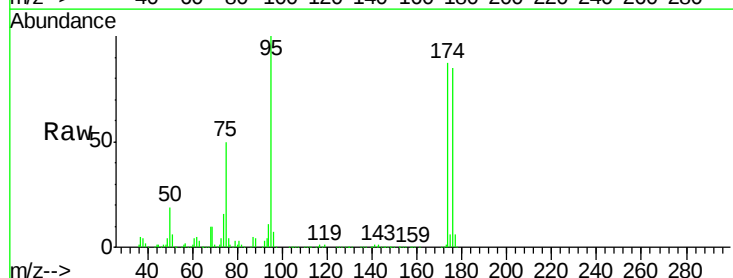
Tgt Ion: 95 Resp: 215257

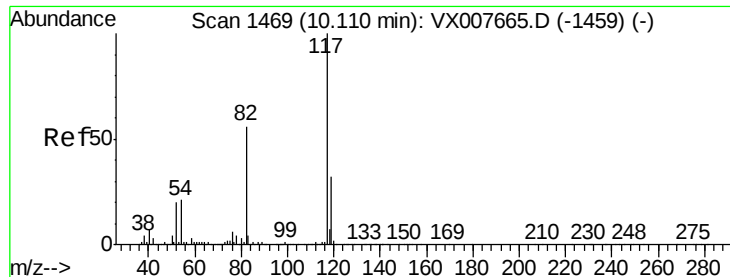
Ion Ratio Lower Upper

95 100

174 92.2 0.0 189.2

176 89.3 0.0 186.2

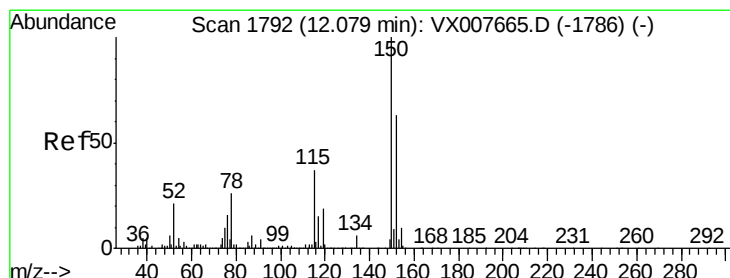
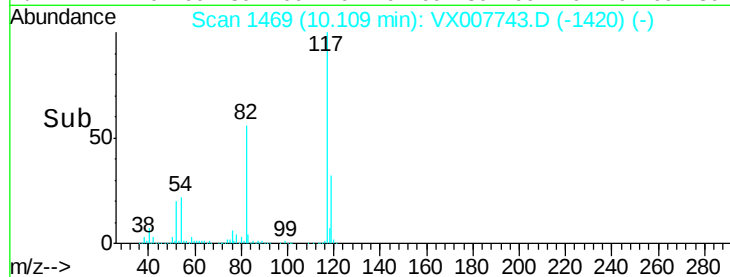
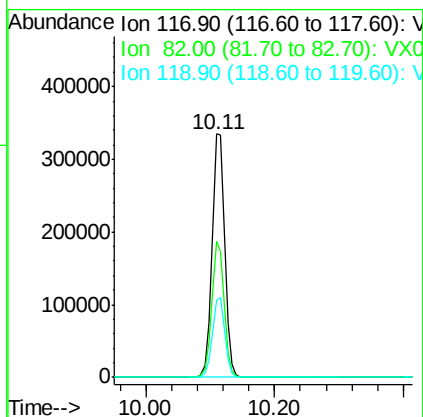
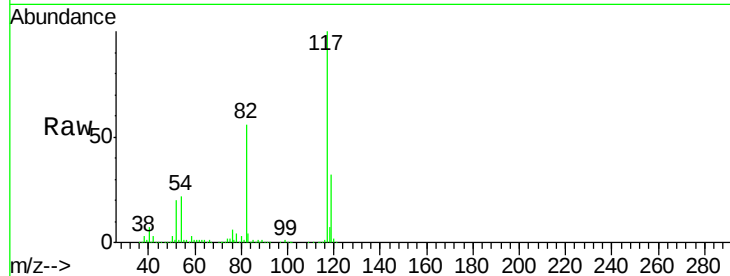




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007743.D
Acq: 27 Feb 2019 19:24

Instrument :
MSVOA_X
ClientSampleId :
TB-022719

Tot Ion:117 Resp: 465838
Ion Ratio Lower Upper
117 100
82 55.8 42.1 63.1
119 31.7 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: VX007743.D
Acq: 27 Feb 2019 19:24

Tgt Ion:152 Resp: 221156
Ion Ratio Lower Upper
152 100
115 54.8 38.0 114.0
150 155.1 0.0 346.4

