

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007735.D
 Acq On : 27 Feb 2019 15:51
 Operator : JC/SP
 Sample : K1638-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2-26-19-TRIP-BLANK

Quant Time: Feb 28 04:23:04 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	314384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	493444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	463655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223138	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	191975	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	161732	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	607806	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.13	95	215304	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	

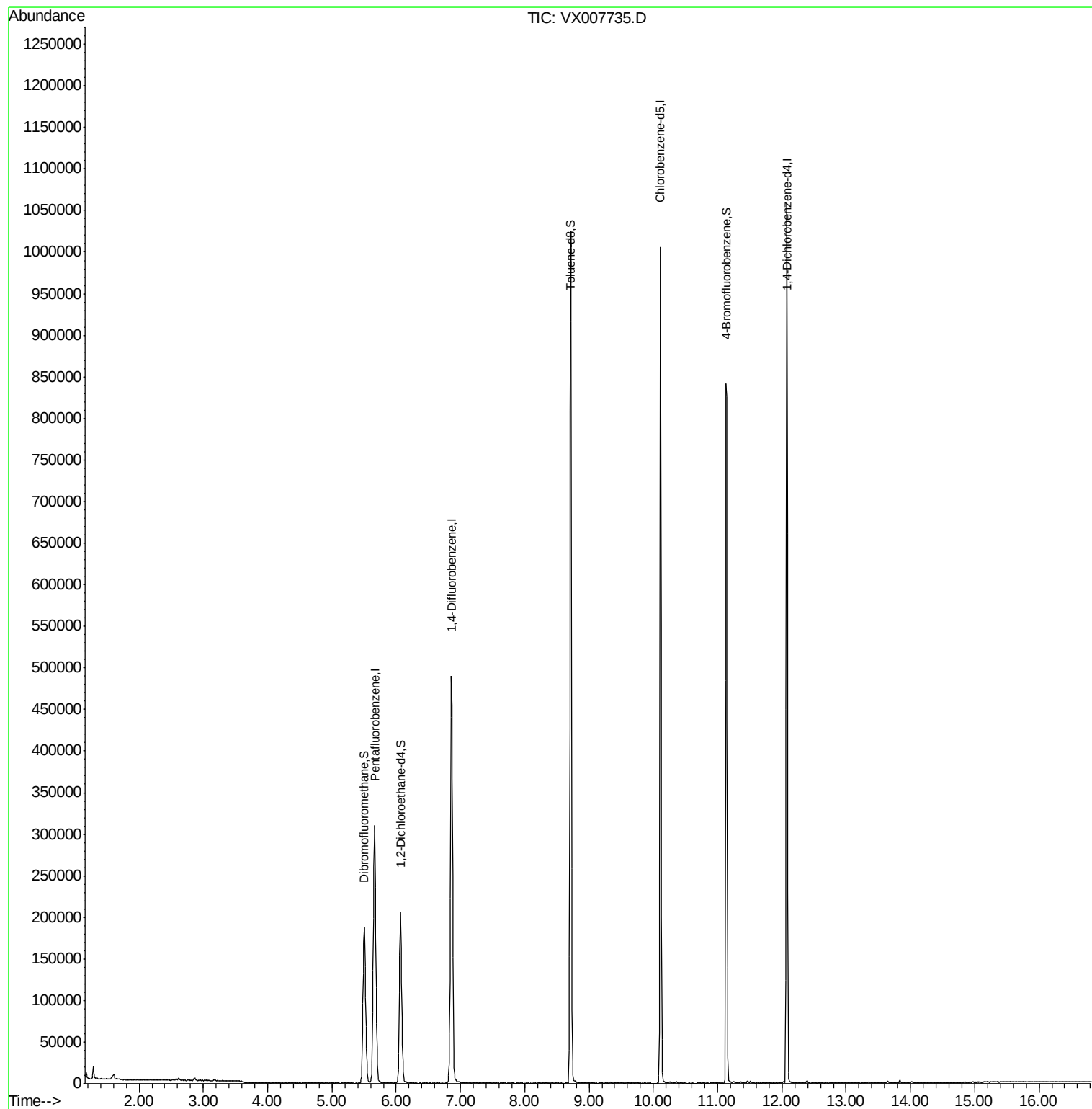
Target Compounds	Qvalue
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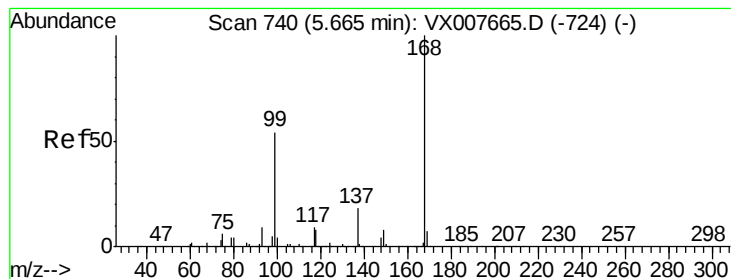
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

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Acq: 27 Feb 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

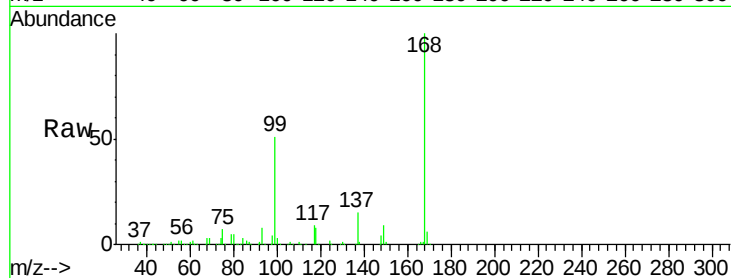
TB-2-26-19-TRIP-BLANK

Tot Ion:168 Resp: 314384

Ion Ratio Lower Upper

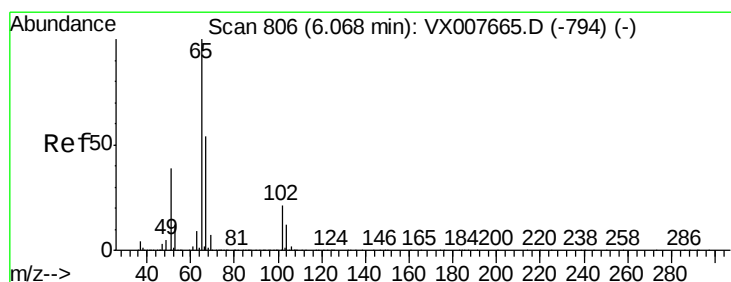
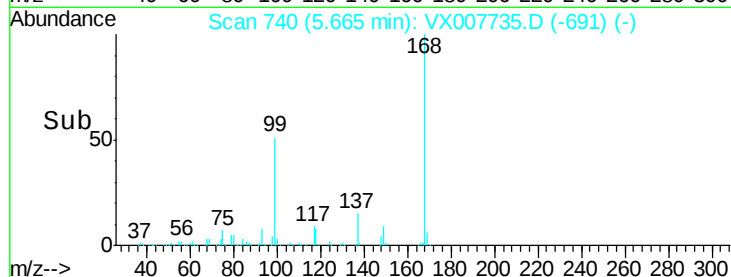
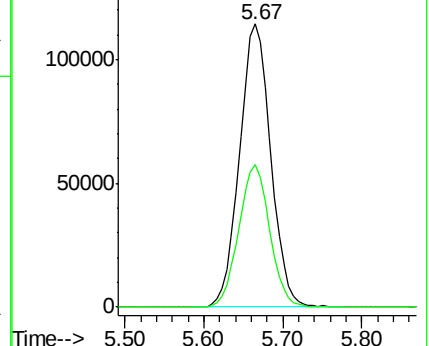
168 100

99 50.5 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: 49.297 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007735.D

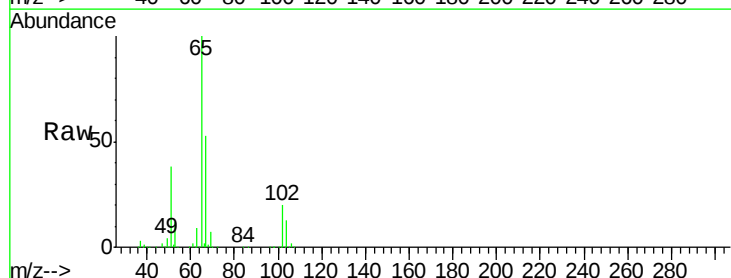
Acq: 27 Feb 2019 15:51

Tgt Ion: 65 Resp: 191975

Ion Ratio Lower Upper

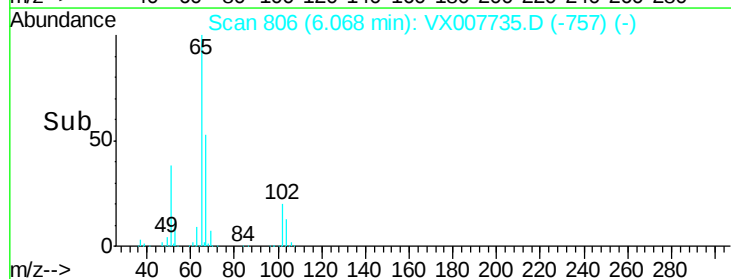
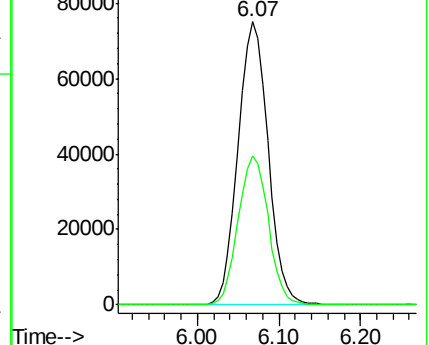
65 100

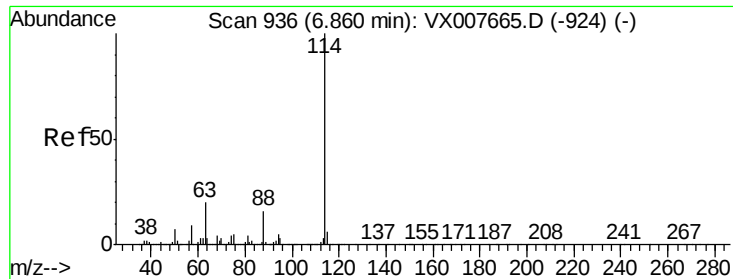
67 52.9 0.0 108.8



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: VX007735.D

Acq: 27 Feb 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

TB-2-26-19-TRIP-BLANK

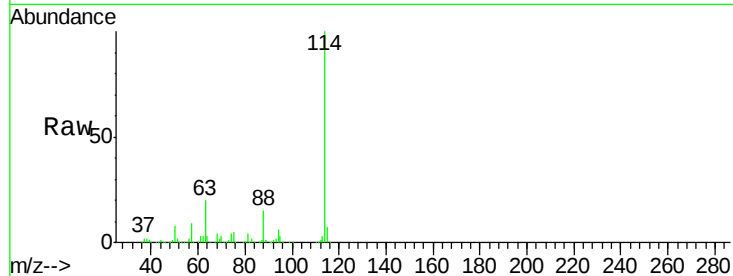
Tot Ion:114 Resp: 493444

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 15.4 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

250000

200000

150000

100000

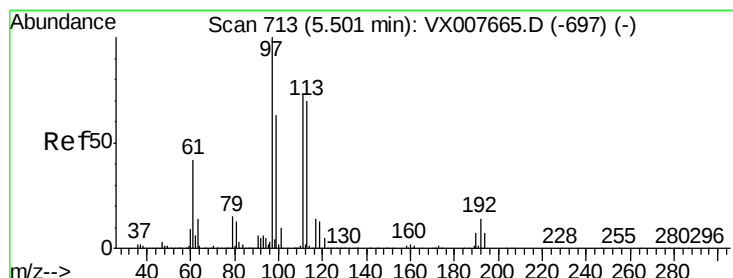
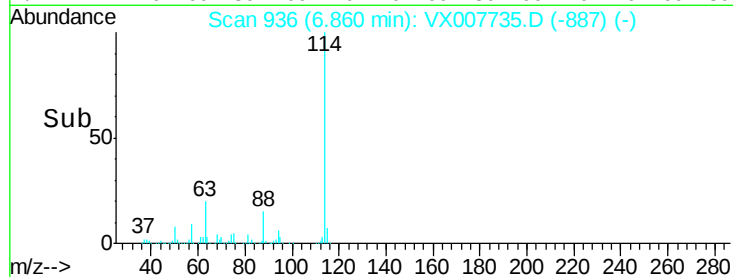
50000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.032 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007735.D

Acq: 27 Feb 2019 15:51

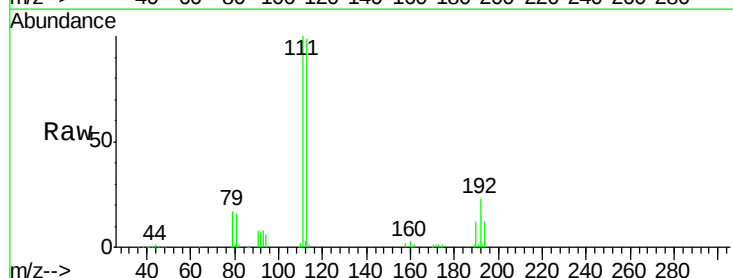
Tgt Ion:113 Resp: 161732

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 23.8 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

80000

60000

40000

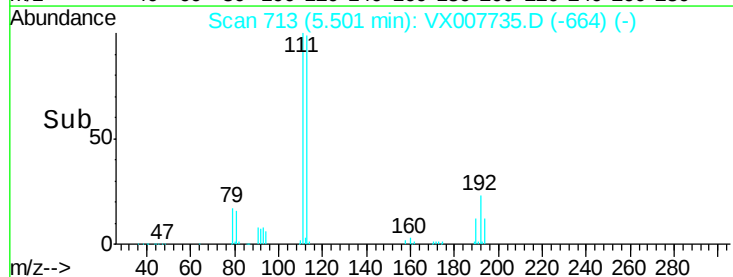
20000

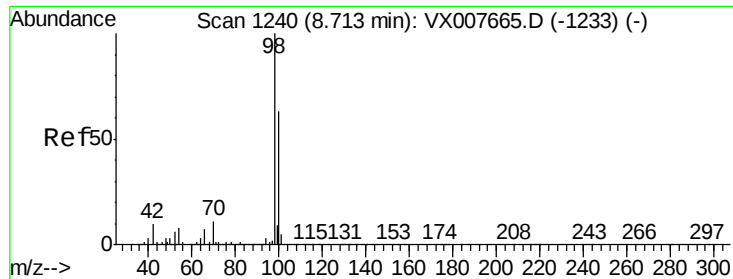
0

5.50

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 48.132 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007735.D

Acq: 27 Feb 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

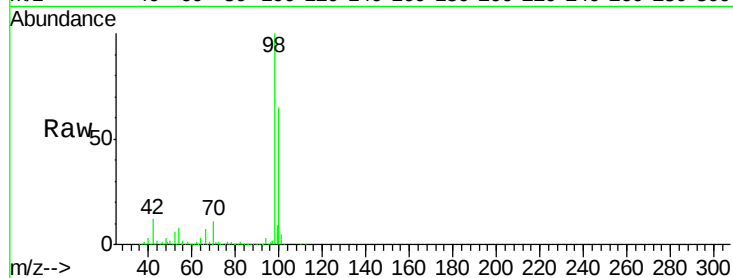
TB-2-26-19-TRIP-BLANK

Tot Ion: 98 Resp: 607806

Ion Ratio Lower Upper

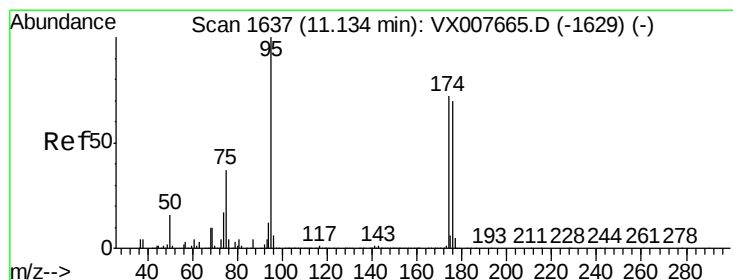
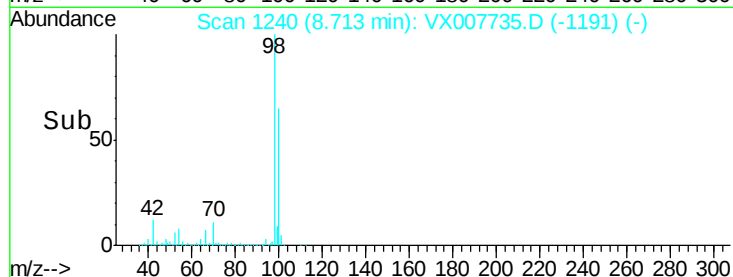
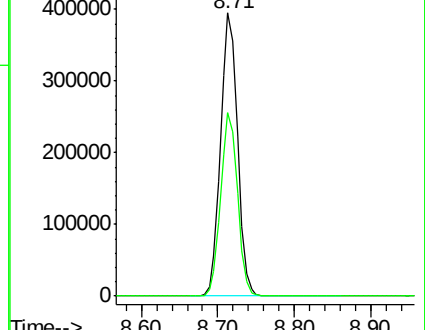
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.453 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007735.D

Acq: 27 Feb 2019 15:51

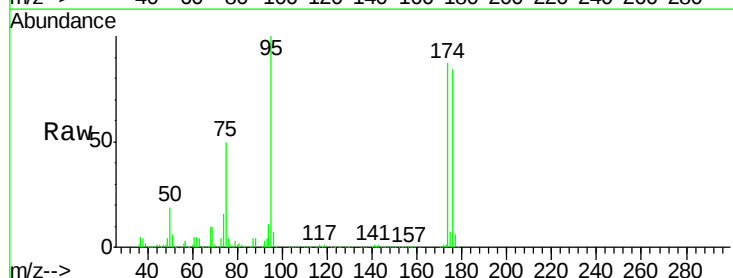
Tgt Ion: 95 Resp: 215304

Ion Ratio Lower Upper

95 100

174 93.3 0.0 189.2

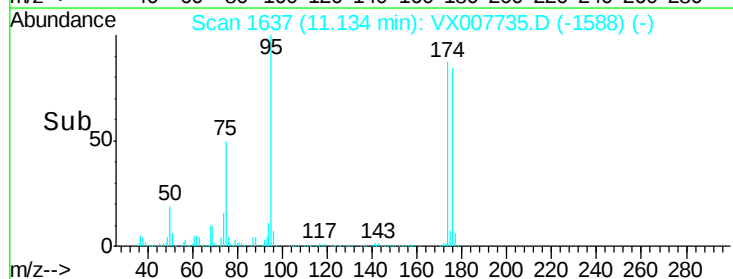
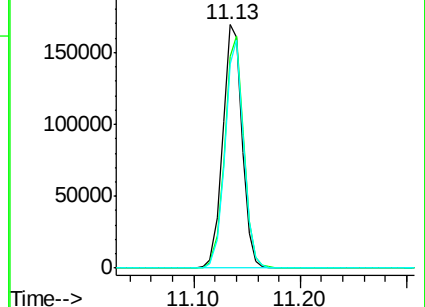
176 90.3 0.0 186.2

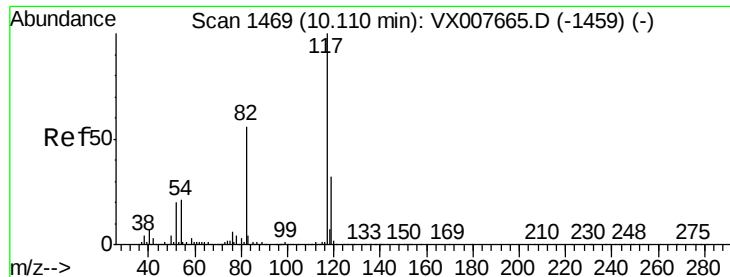


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

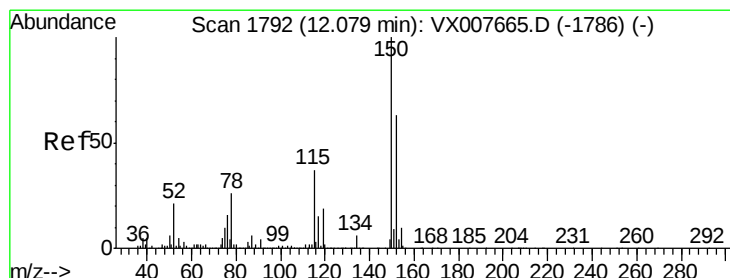
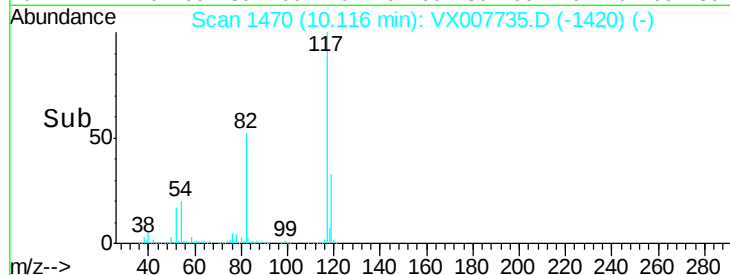
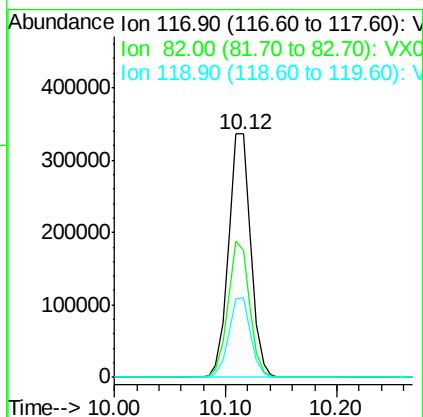
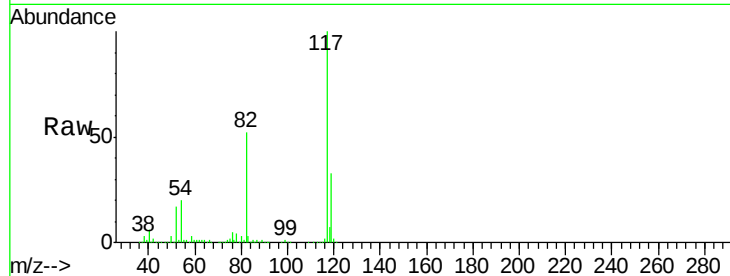




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007735.D
Acq: 27 Feb 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
TB-2-26-19-TRIP-BLANK

Tot Ion:117 Resp: 463655
Ion Ratio Lower Upper
117 100
82 52.0 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: VX007735.D
Acq: 27 Feb 2019 15:51

Tgt Ion:152 Resp: 223138
Ion Ratio Lower Upper
152 100
115 54.8 38.0 114.0
150 156.6 0.0 346.4

