

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011856.D
 Acq On : 27 Aug 2019 17:37
 Operator : JC/SP
 Sample : K4543-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-GW

Quant Time: Aug 28 04:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	423328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	580032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	503265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	236890	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	211686	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	180303	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	666344	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	239244	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	

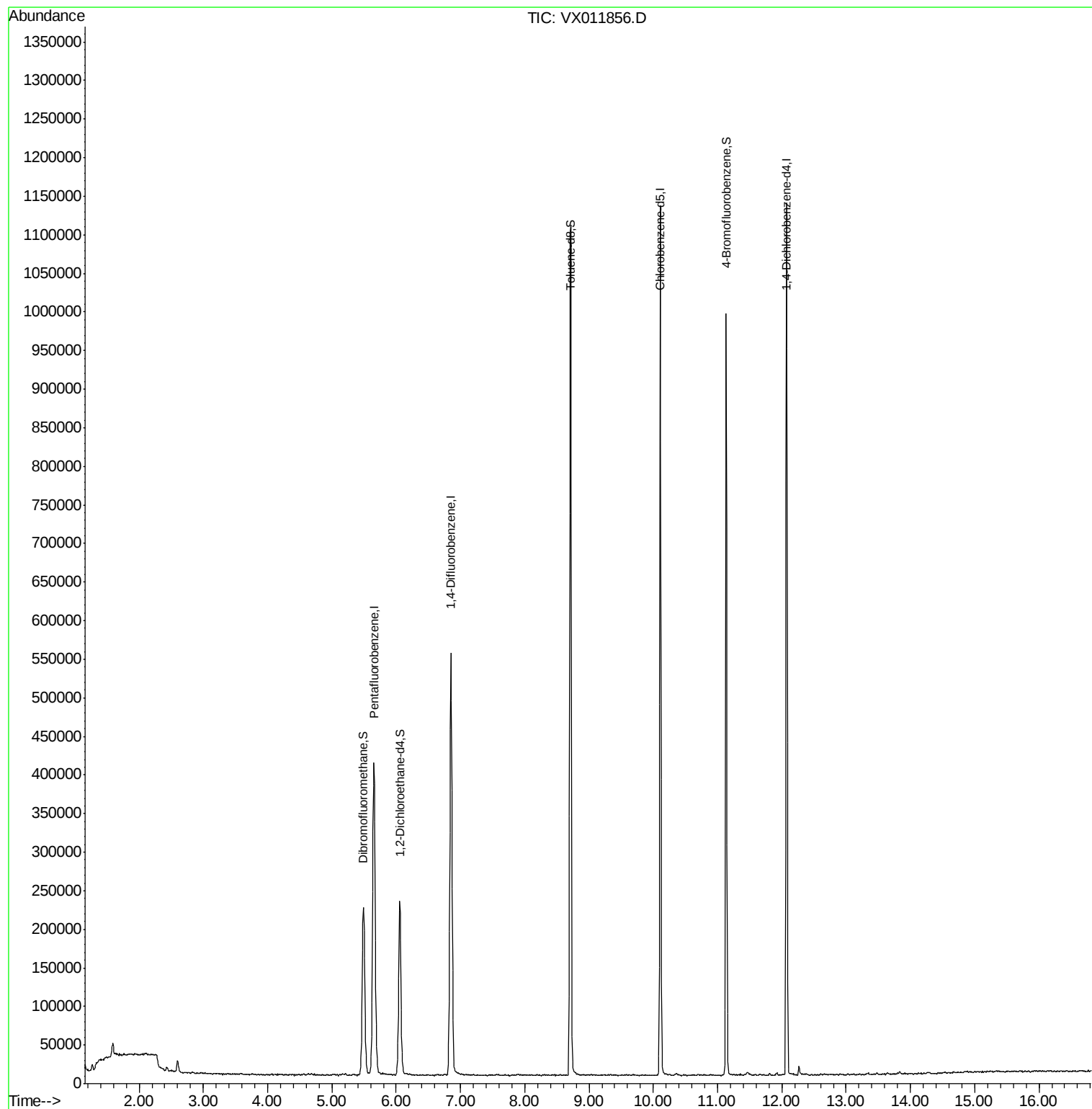
Target Compounds	Qvalue
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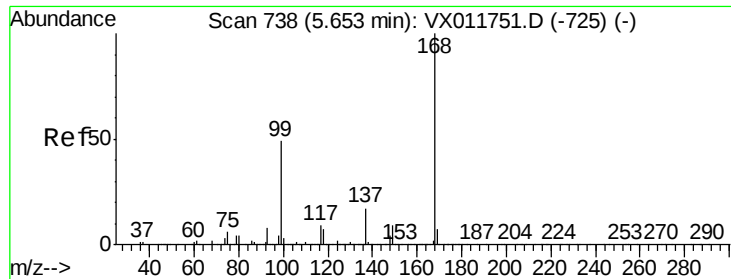
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011856.D

Acq: 27 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

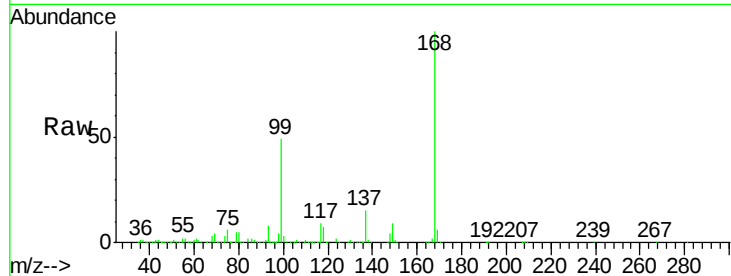
TP-2-GW

Tot Ion:168 Resp: 423328

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

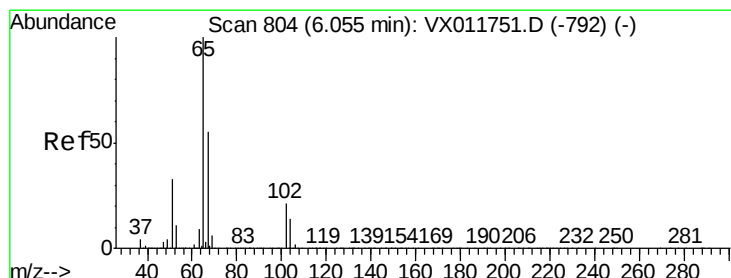
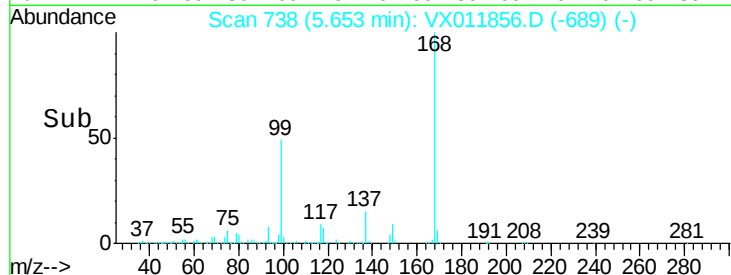
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.778 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011856.D

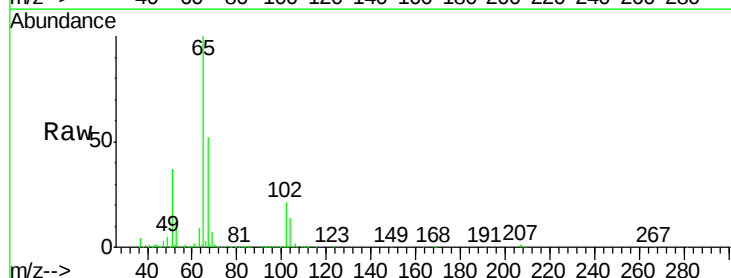
Acq: 27 Aug 2019 17:37

Tgt Ion: 65 Resp: 211686

Ion Ratio Lower Upper

65 100

67 51.8 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

80000

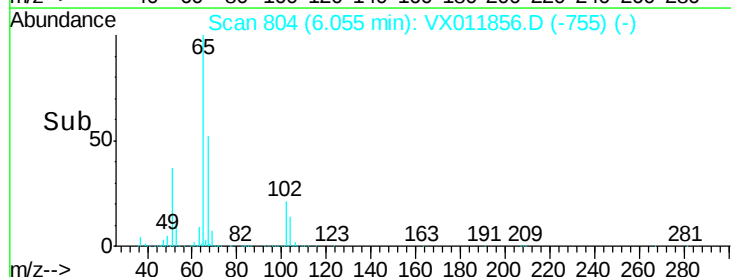
60000

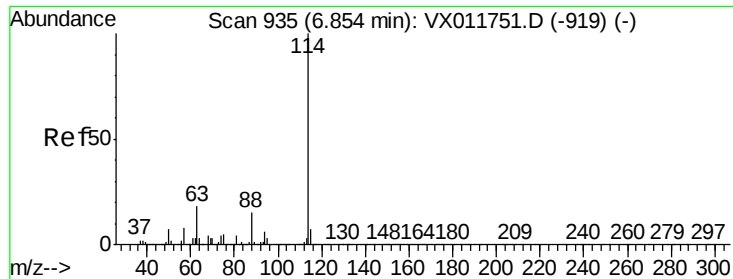
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011856.D

Acq: 27 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

TP-2-GW

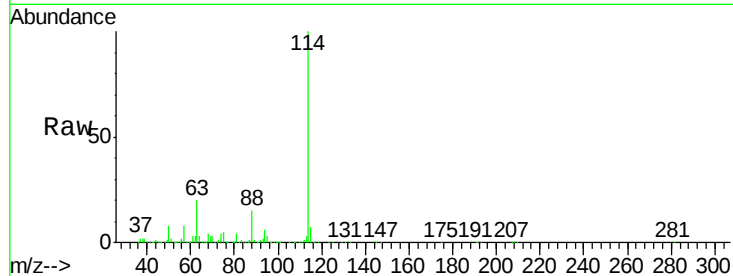
Tot Ion:114 Resp: 580032

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 15.3 0.0 30.2



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

300000

250000

200000

150000

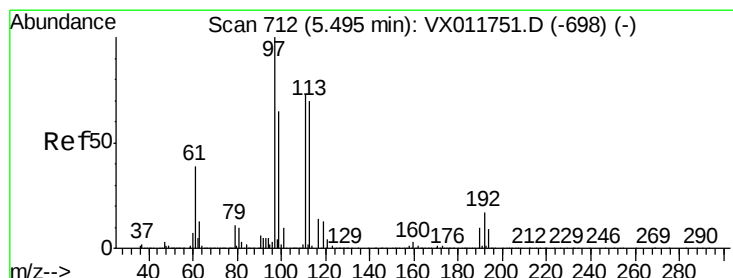
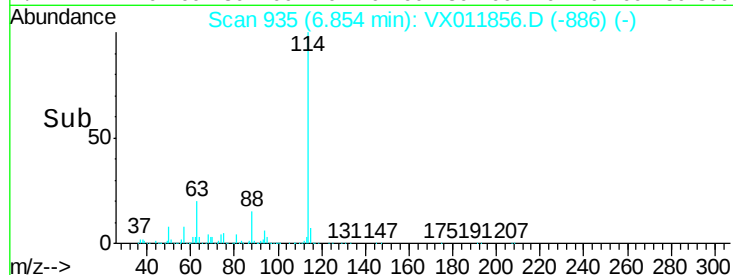
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.072 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011856.D

Acq: 27 Aug 2019 17:37

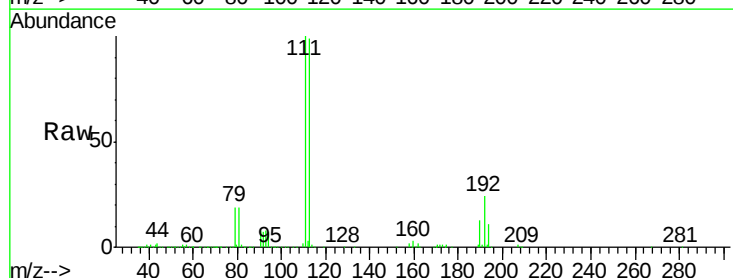
Tgt Ion:113 Resp: 180303

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

192 26.1 19.9 29.9



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

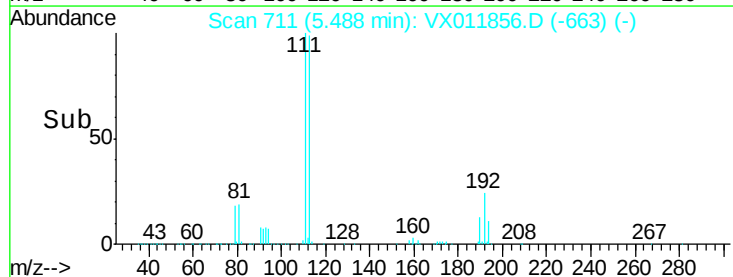
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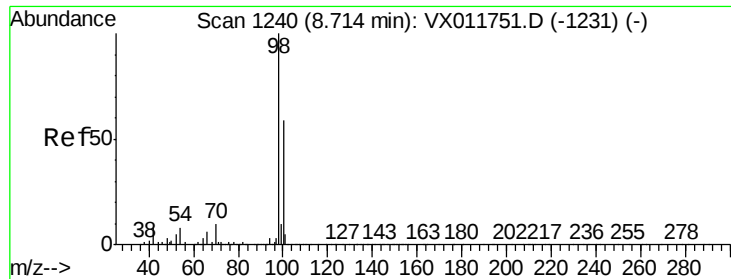
20000

0

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.934 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011856.D

Acq: 27 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

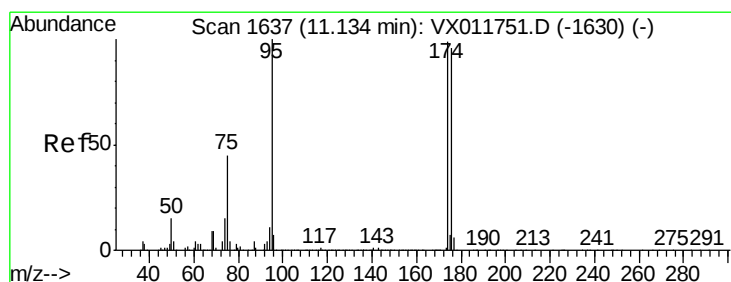
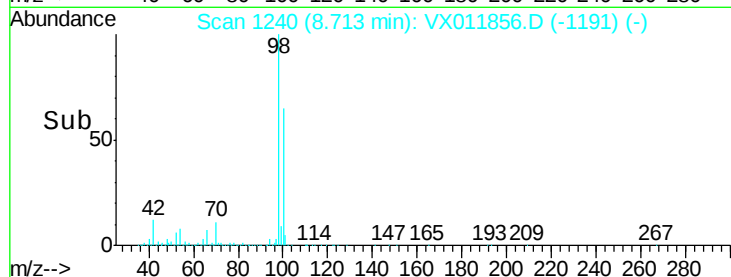
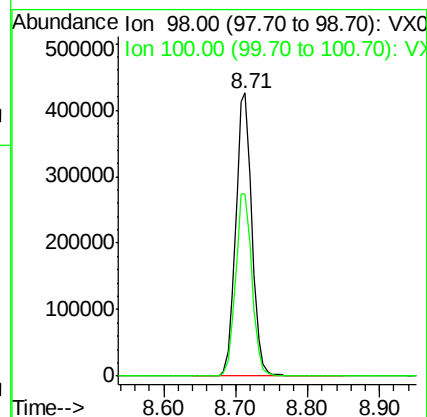
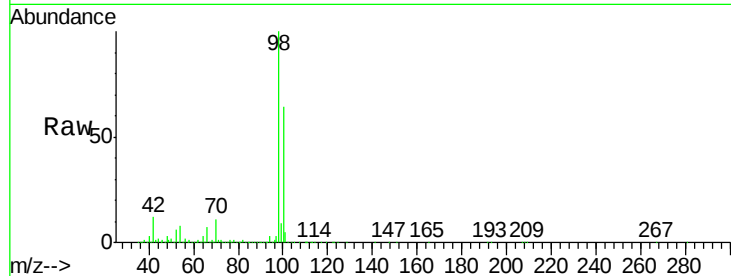
TP-2-GW

Tot Ion: 98 Resp: 666344

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.266 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011856.D

Acq: 27 Aug 2019 17:37

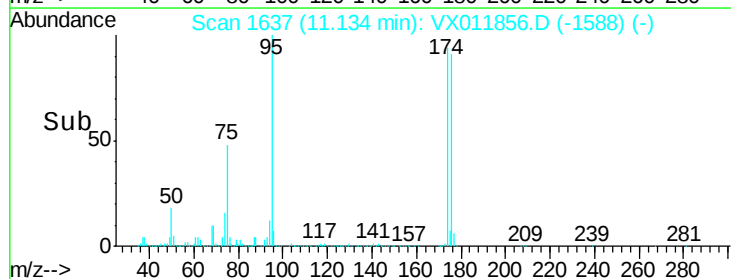
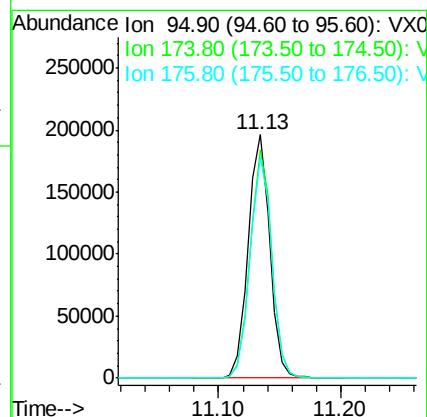
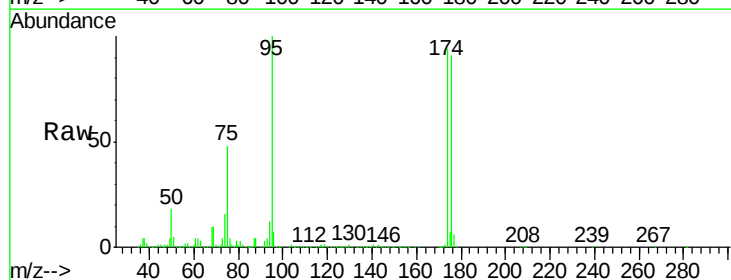
Tgt Ion: 95 Resp: 239244

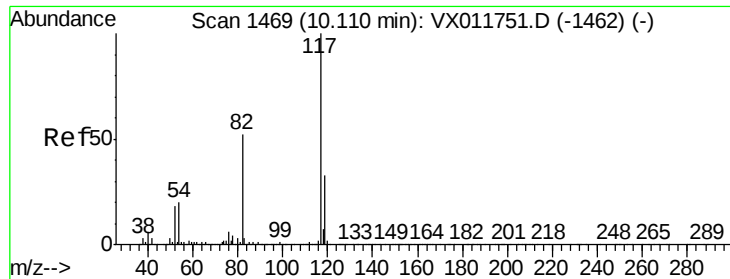
Ion Ratio Lower Upper

95 100

174 94.3 0.0 197.4

176 91.8 0.0 194.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011856.D

Acq: 27 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

TP-2-GW

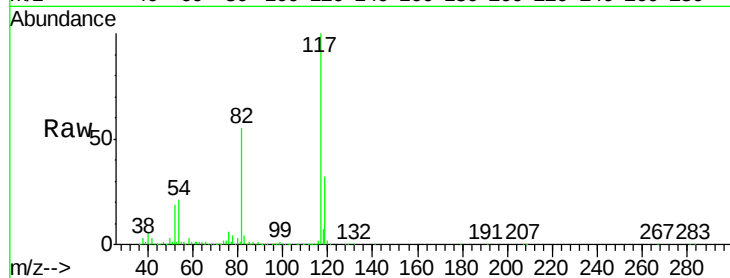
Tot Ion:117 Resp: 503265

Ion Ratio Lower Upper

117 100

82 54.5 41.7 62.5

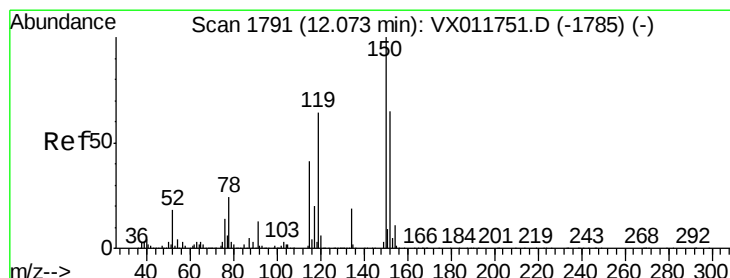
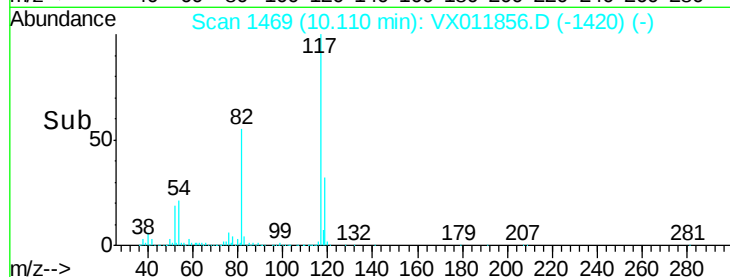
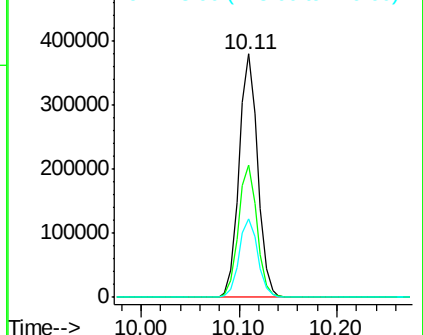
119 32.0 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011856.D

Acq: 27 Aug 2019 17:37

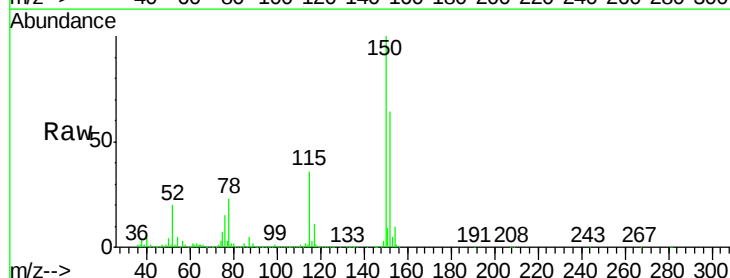
Tgt Ion:152 Resp: 236890

Ion Ratio Lower Upper

152 100

115 54.9 37.3 111.8

150 156.2 0.0 343.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

