

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007435.D
 Acq On : 08 Feb 2019 12:01
 Operator : JC/SP
 Sample : VX0208WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBL01

Quant Time: Feb 08 23:17:12 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	513685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	786783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	743552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362121	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277638	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	5.50	113	254499	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	8.71	98	945930	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	334024	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

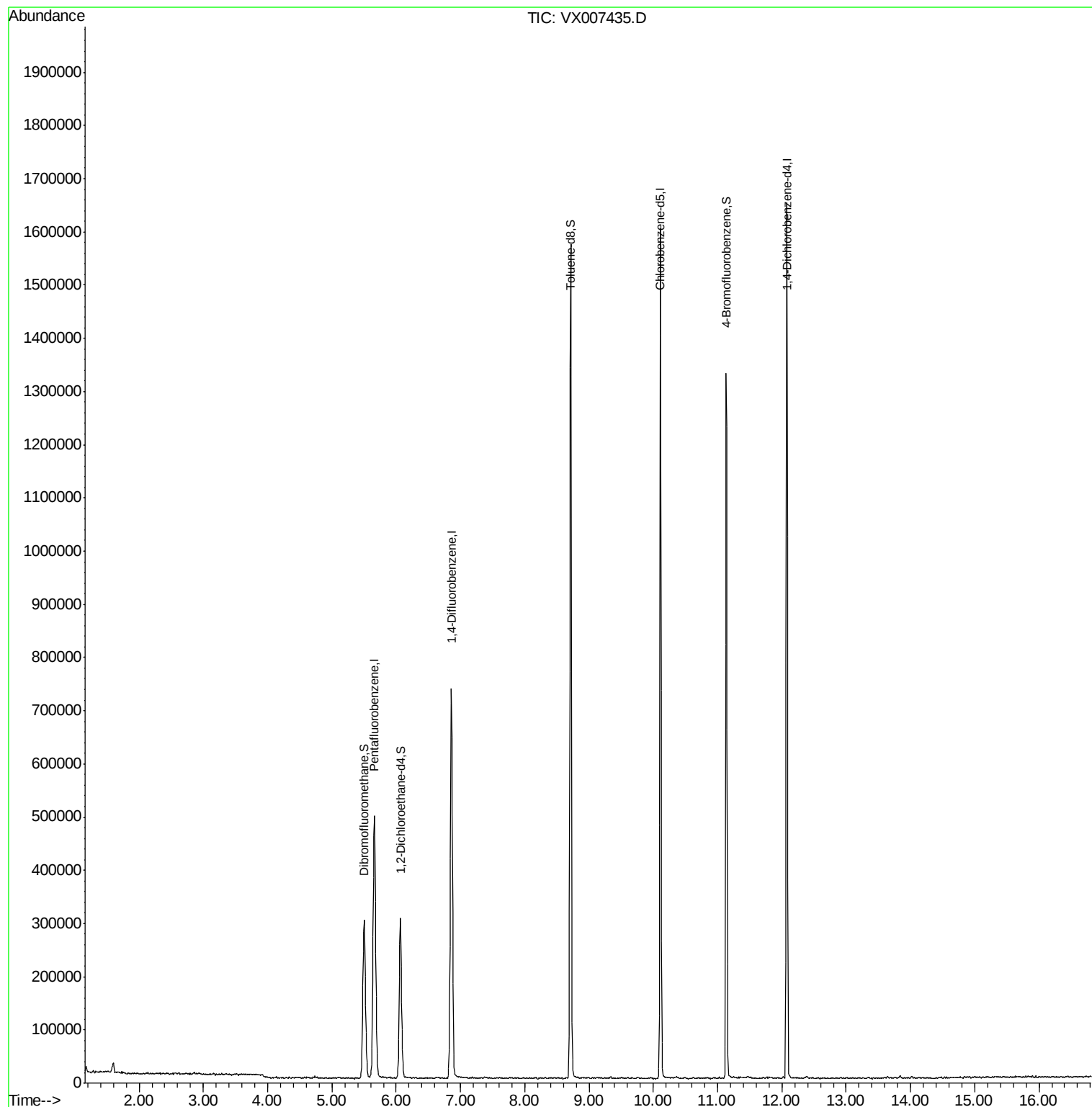
Target Compounds	Qvalue

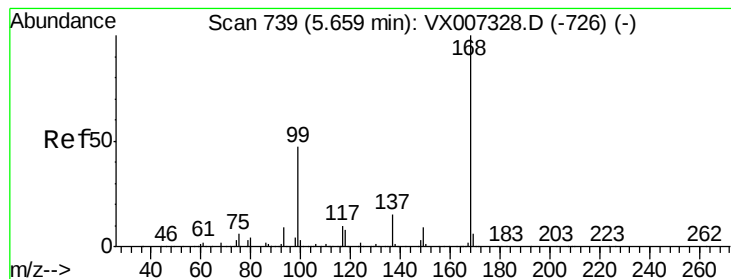
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020819\
Data File : VX007435.D
Acq On : 08 Feb 2019 12:01
Operator : JC/SP
Sample : VX0208WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0208WBL01

Quant Time: Feb 08 23:17:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

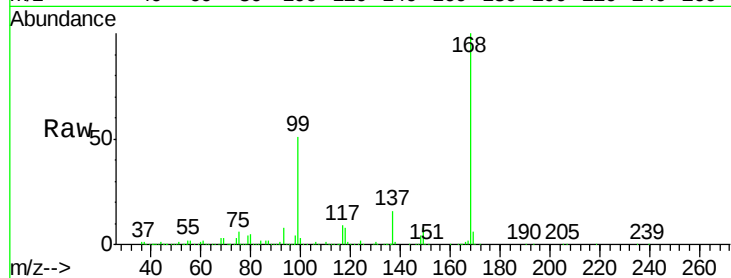
VX0208WBL01

Tot Ion:168 Resp: 513685

Ion Ratio Lower Upper

168 100

99 51.1 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

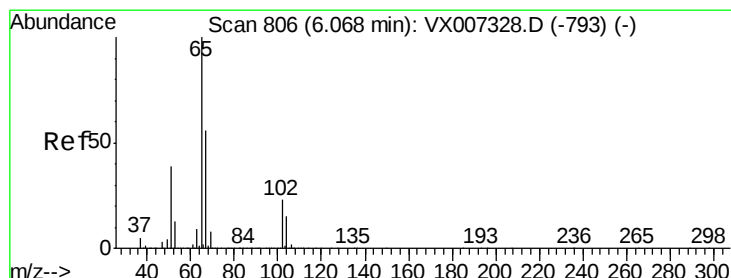
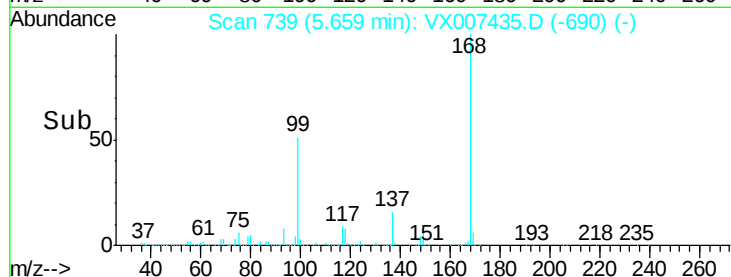
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.921 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007435.D

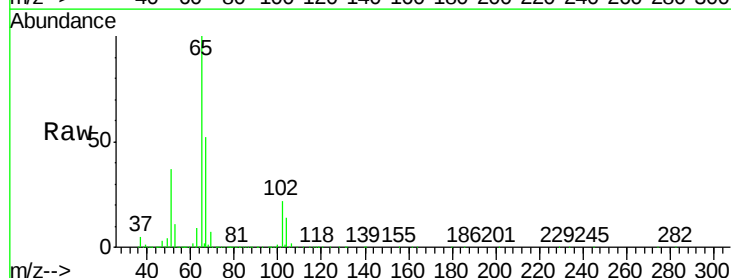
Acq: 08 Feb 2019 12:01

Tgt Ion: 65 Resp: 277638

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

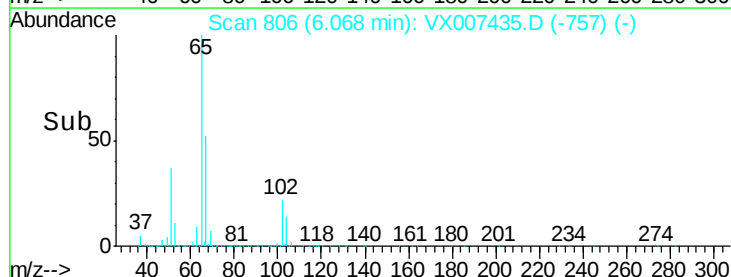
60000

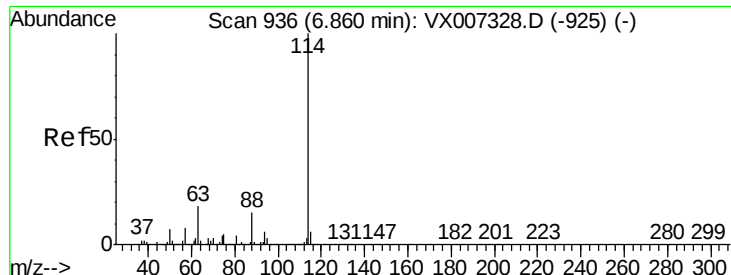
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBL01

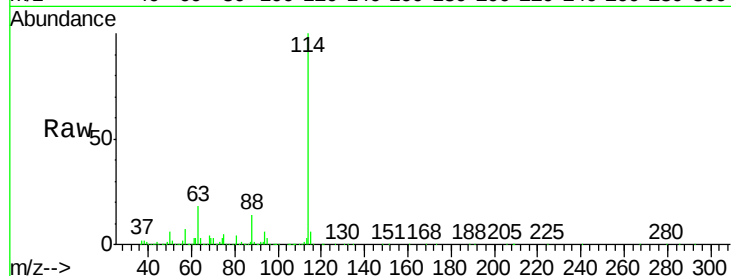
Tot Ion:114 Resp: 786783

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

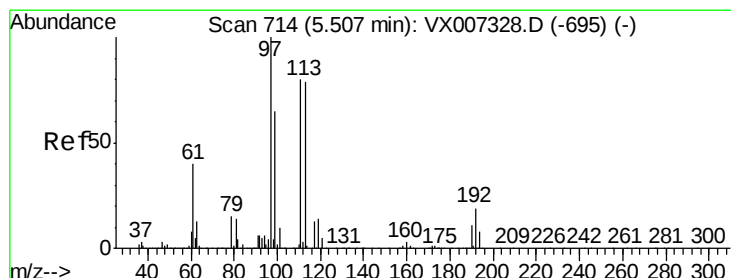
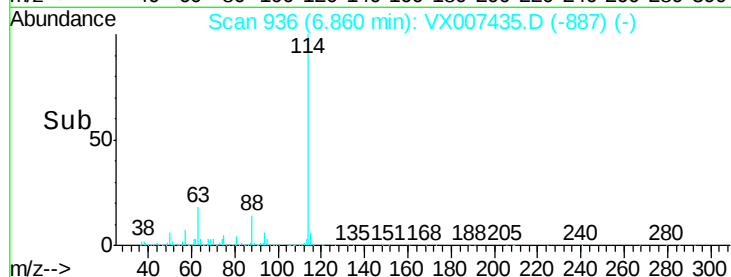
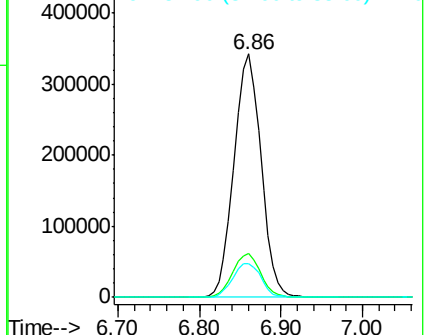
88 13.9 0.0 29.6



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: 49.713 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

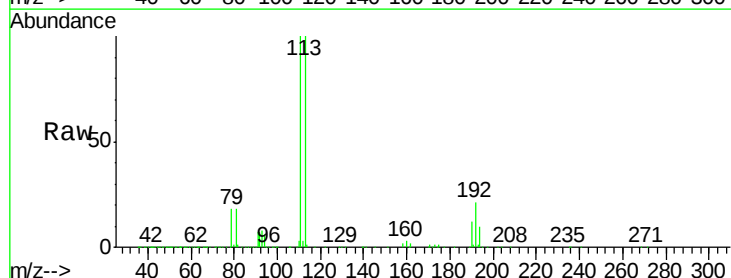
Tgt Ion:113 Resp: 254499

Ion Ratio Lower Upper

113 100

111 100.6 81.8 122.8

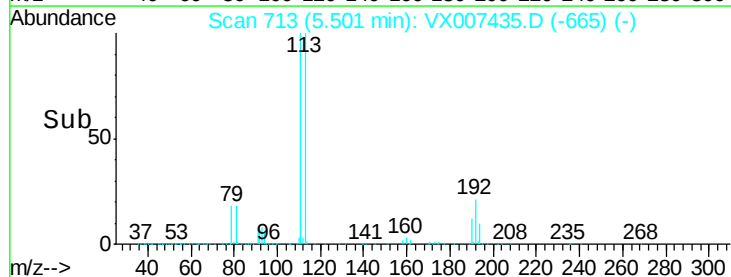
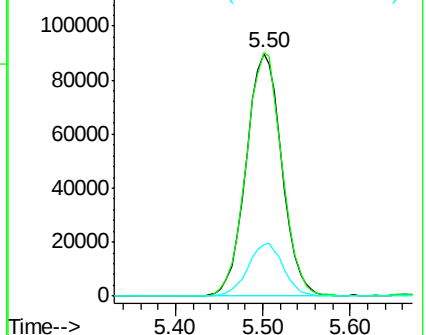
192 21.7 18.5 27.7

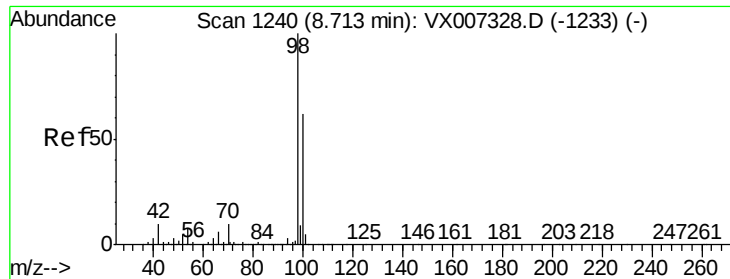


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.803 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

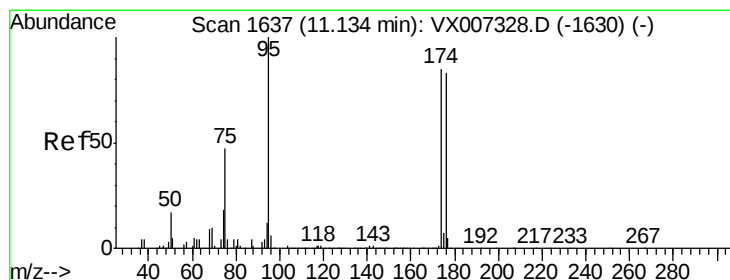
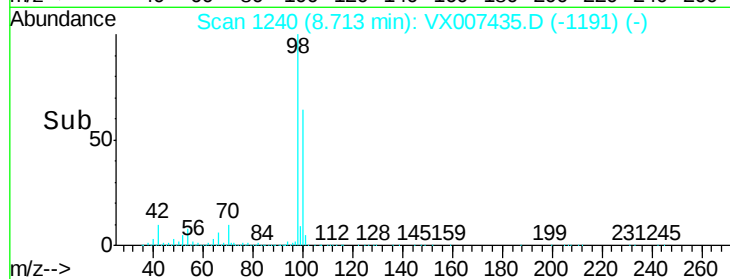
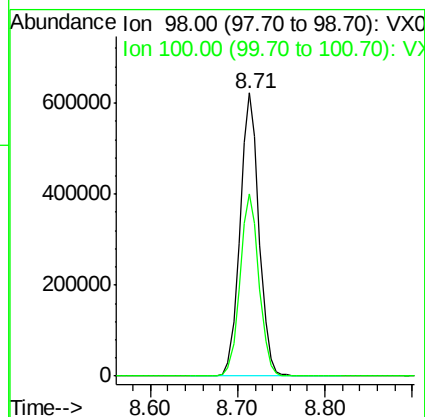
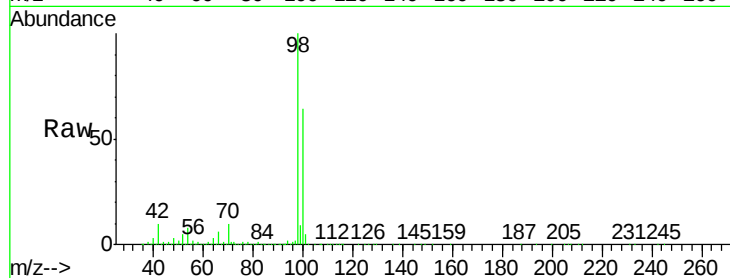
VX0208WBL01

Tot Ion: 98 Resp: 945930

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.168 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

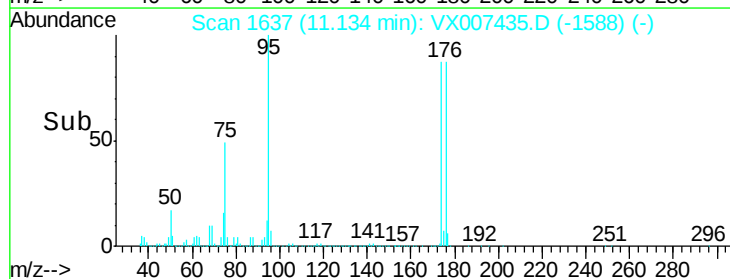
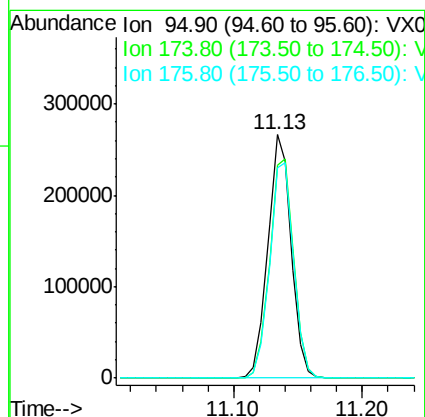
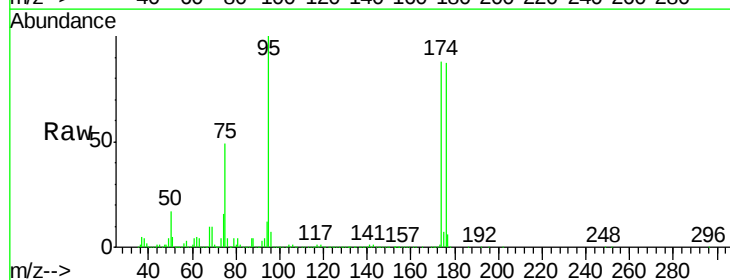
Tgt Ion: 95 Resp: 334024

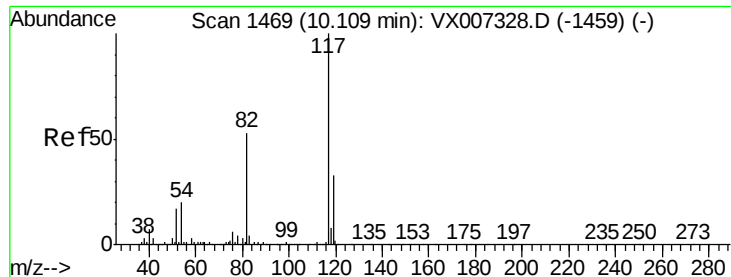
Ion Ratio Lower Upper

95 100

174 93.7 0.0 189.2

176 91.9 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: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX0208WBL01

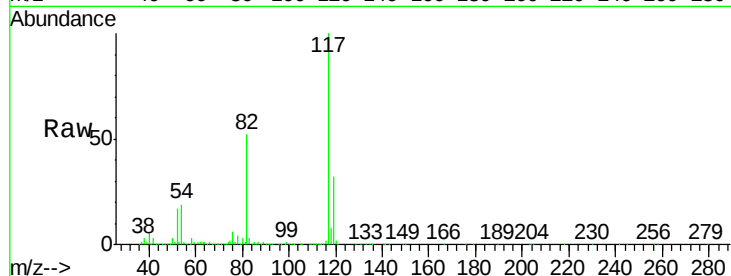
Tot Ion:117 Resp: 743552

Ion Ratio Lower Upper

117 100

82 51.9 42.1 63.1

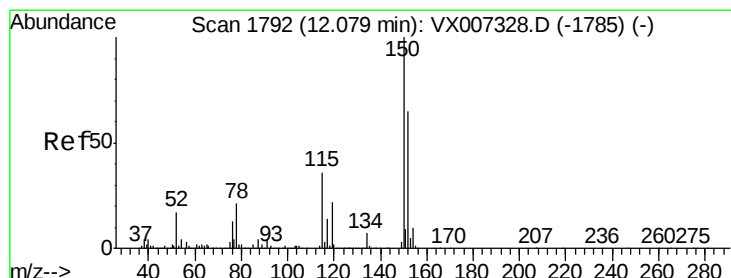
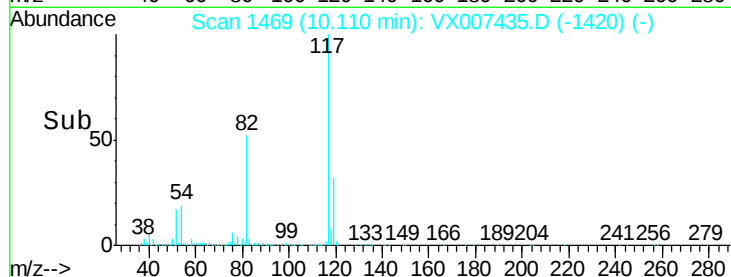
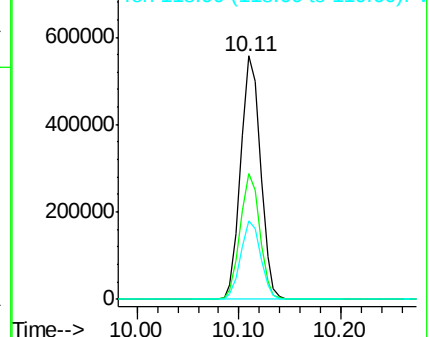
119 32.3 26.5 39.7



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

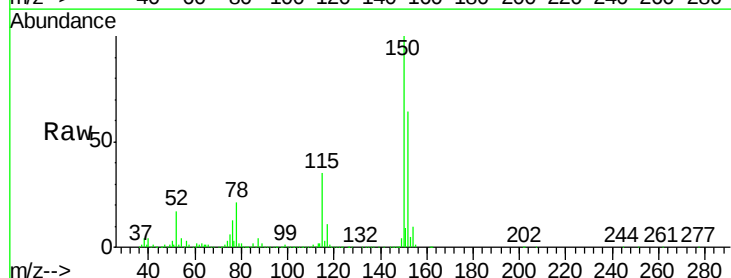
Tgt Ion:152 Resp: 362121

Ion Ratio Lower Upper

152 100

115 55.2 38.0 114.0

150 156.4 0.0 346.4



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

