

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010739.D
 Acq On : 09 Jul 2019 10:33
 Operator : JC/SP
 Sample : VX0709WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBL01

Quant Time: Jul 09 12:41:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	219324	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	337050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137735	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108274	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	5.49	113	103733	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.71	98	403416	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	132005	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	

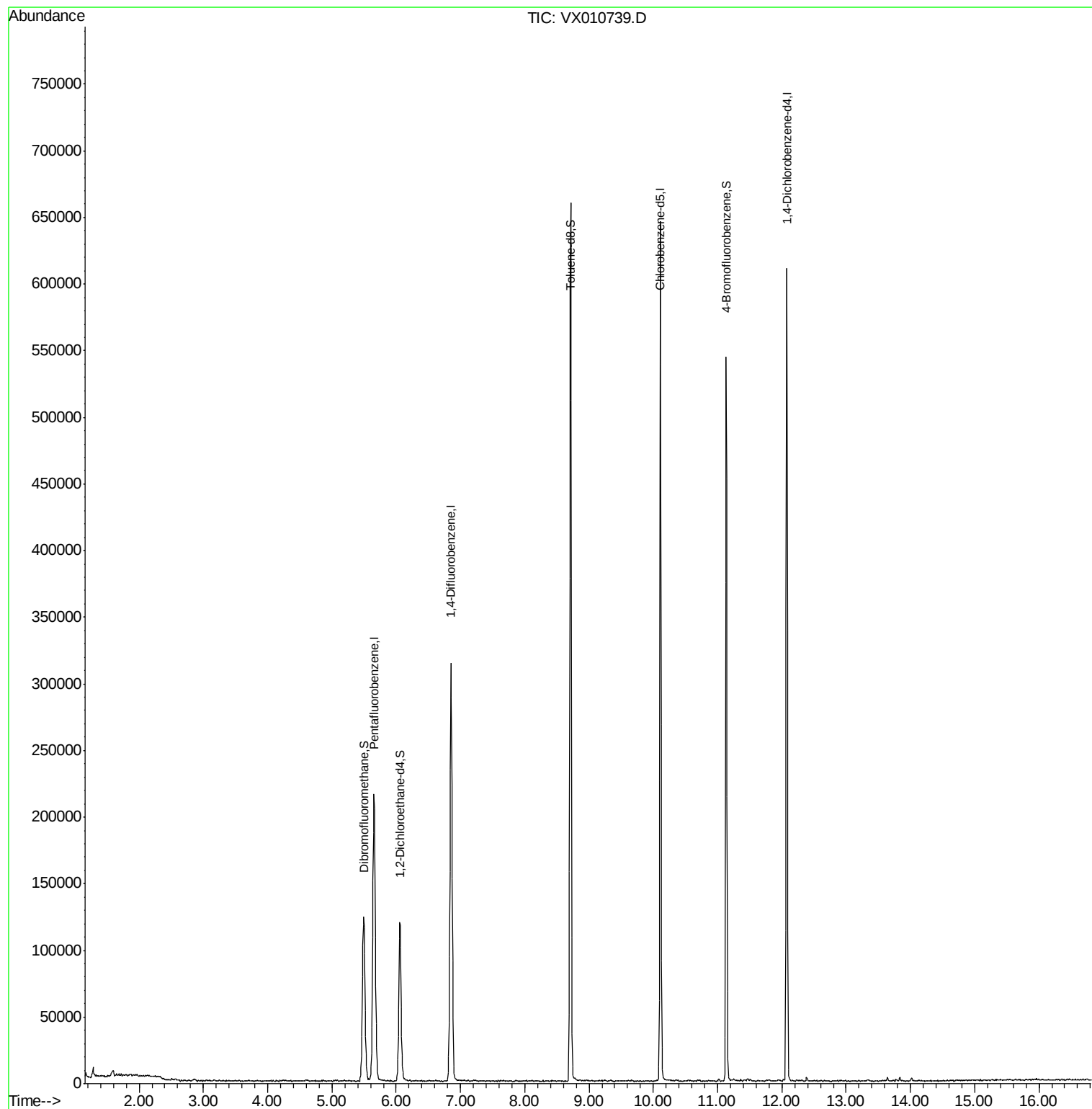
Target Compounds	Qvalue

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

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010739.D

Acq: 09 Jul 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

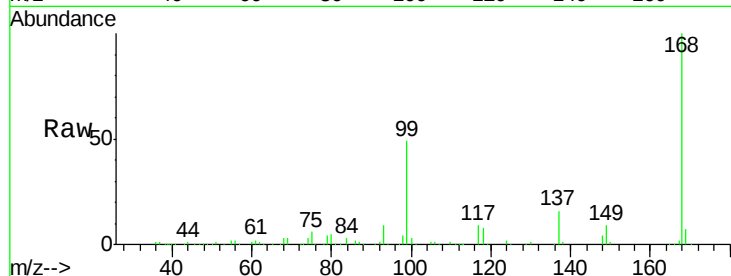
VX0709WBL01

Tot Ion:168 Resp: 219324

Ion Ratio Lower Upper

168 100

99 49.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

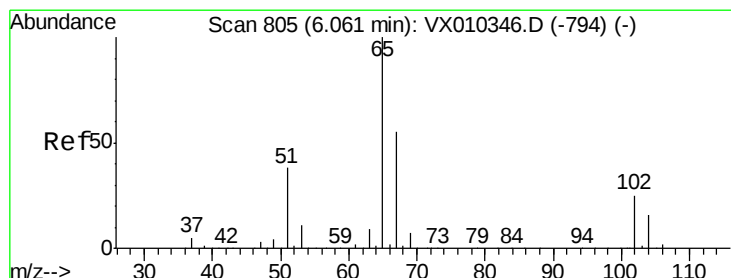
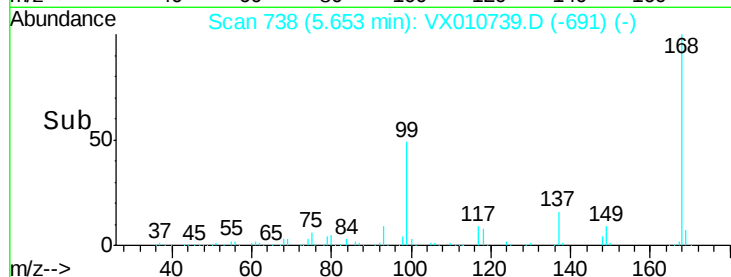
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.653 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010739.D

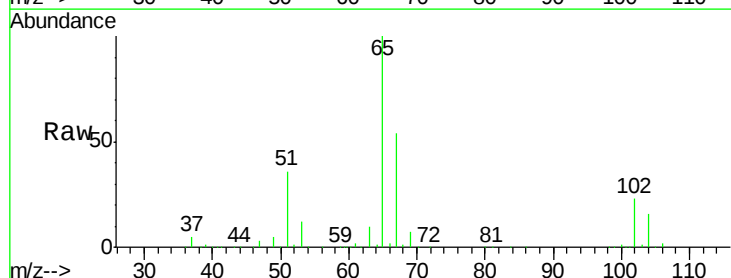
Acq: 09 Jul 2019 10:33

Tgt Ion: 65 Resp: 108274

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

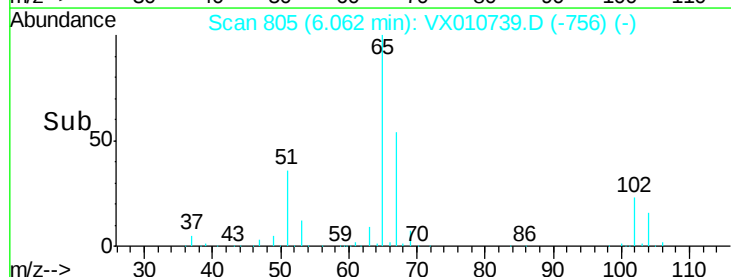
30000

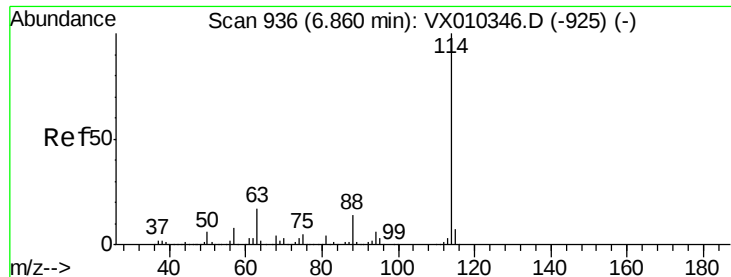
20000

10000

0

Time--> 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: VX010739.D

Acq: 09 Jul 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBL01

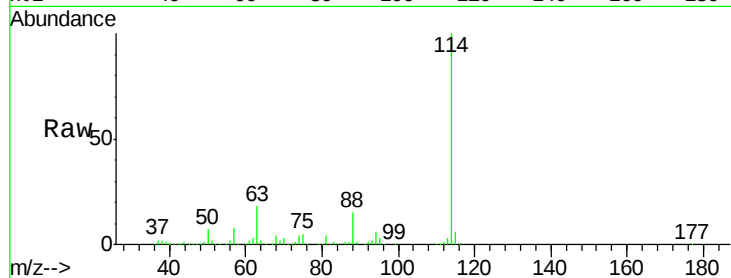
Tot Ion:114 Resp: 337050

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

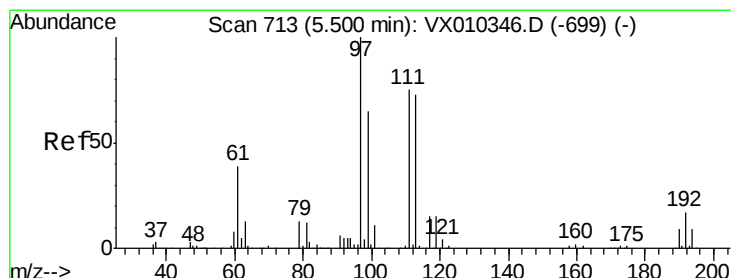
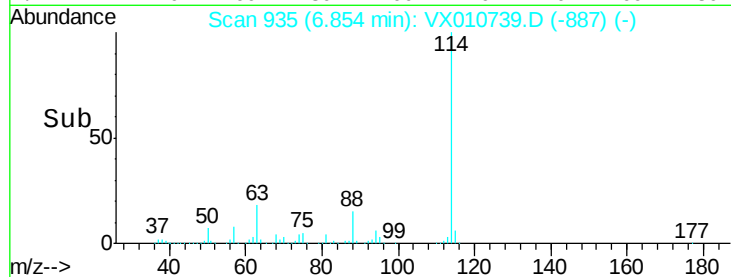
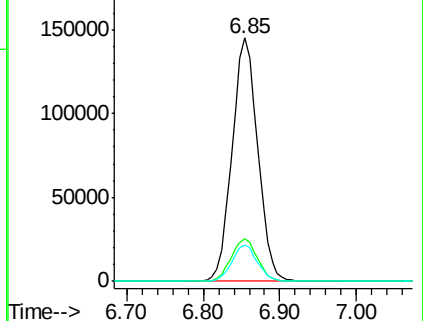
88 14.8 0.0 27.6



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: 50.302 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010739.D

Acq: 09 Jul 2019 10:33

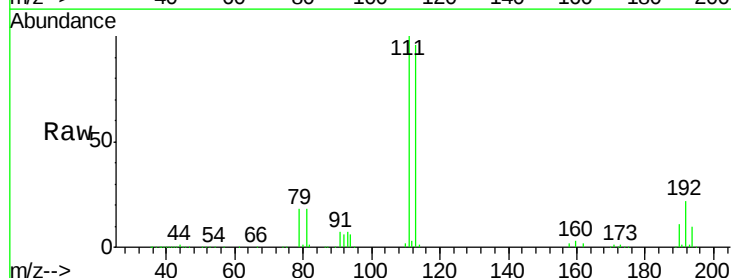
Tgt Ion:113 Resp: 103733

Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

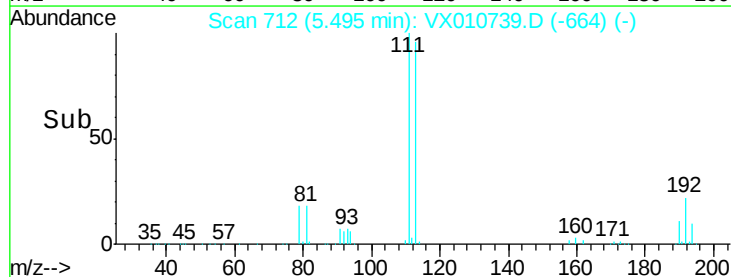
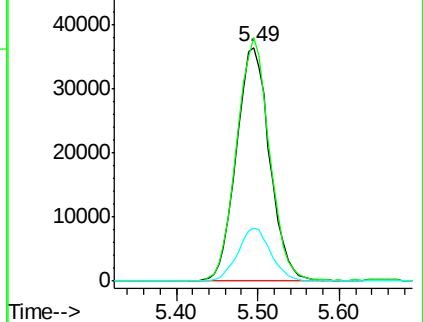
192 22.5 18.6 27.8

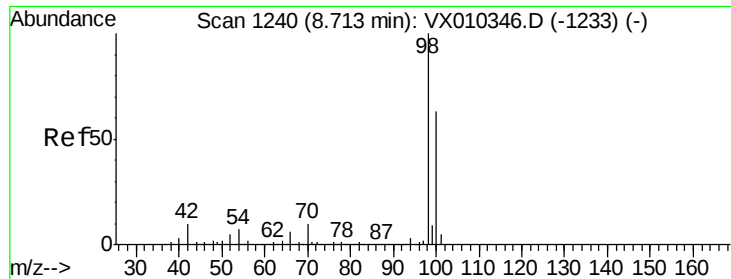


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.133 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010739.D

Acq: 09 Jul 2019 10:33

Instrument :

MSVOA_X

ClientSampleId :

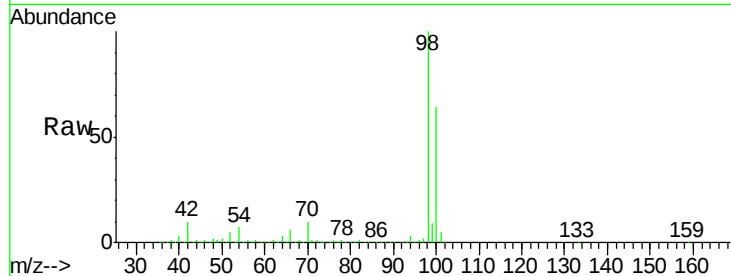
VX0709WBL01

Tot Ion: 98 Resp: 403416

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

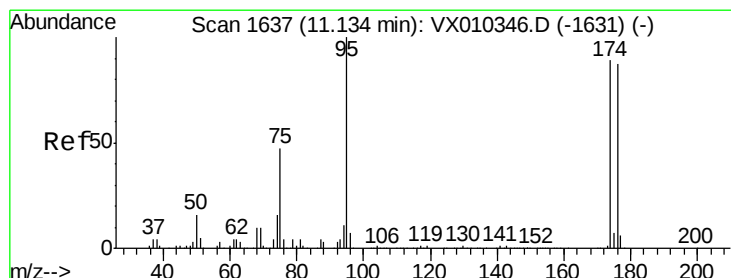
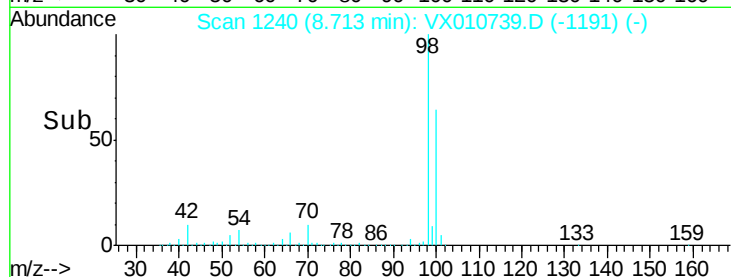
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.344 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010739.D

Acq: 09 Jul 2019 10:33

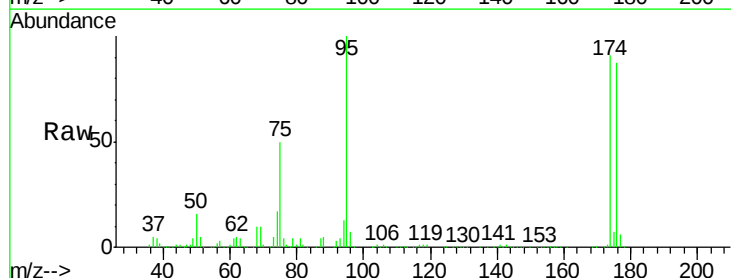
Tgt Ion: 95 Resp: 132005

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

176 91.6 0.0 184.0



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

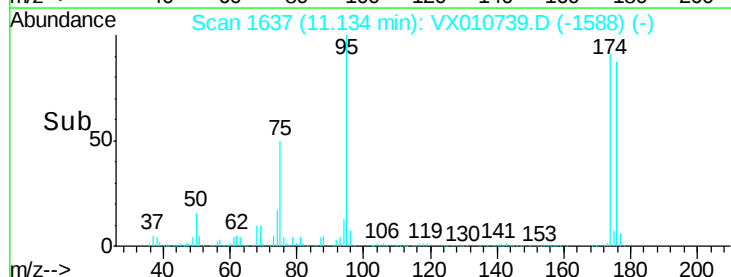
11.13

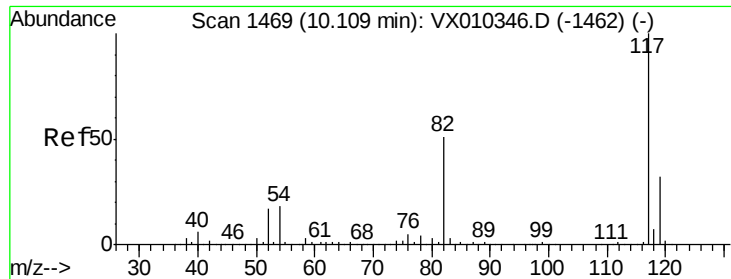
100000

50000

0

Time--> 11.10 11.20

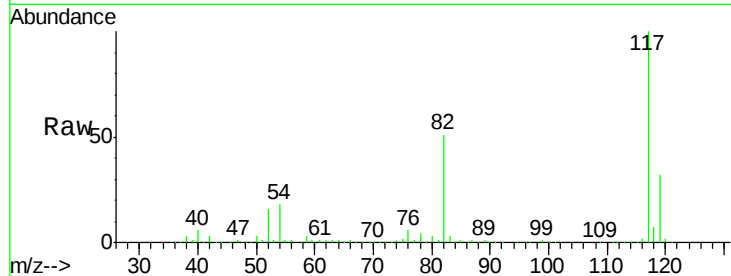




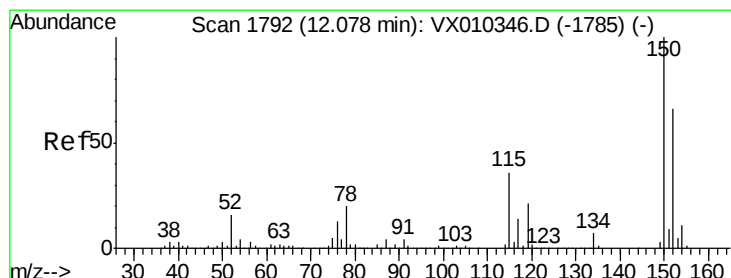
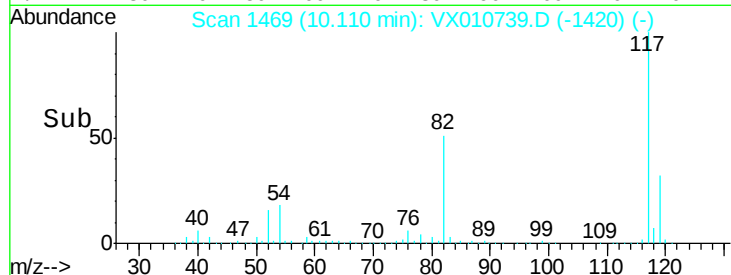
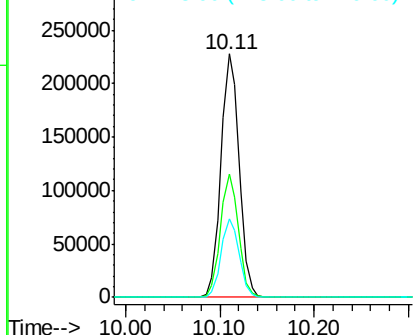
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010739.D
Acq: 09 Jul 2019 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBL01

Tot Ion:117 Resp: 305796
Ion Ratio Lower Upper
117 100
82 50.7 41.2 61.8
119 32.4 25.5 38.3

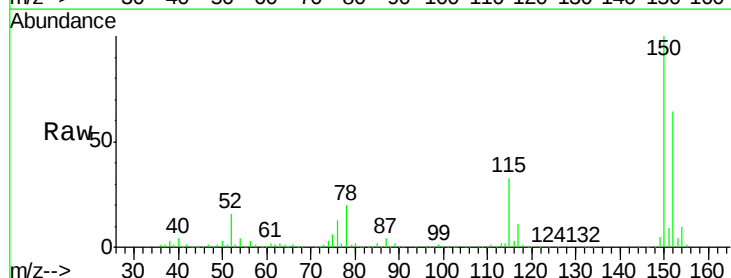


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010739.D
Acq: 09 Jul 2019 10:33

Tgt Ion:152 Resp: 137735
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 156.7 0.0 347.4



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

