

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012568.D
 Acq On : 20 Sep 2019 19:29
 Operator : JC/SP
 Sample : IBLK1
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK1

Quant Time: Sep 21 03:37:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100908	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120990	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.49	113	84512	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	330205	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	119376	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

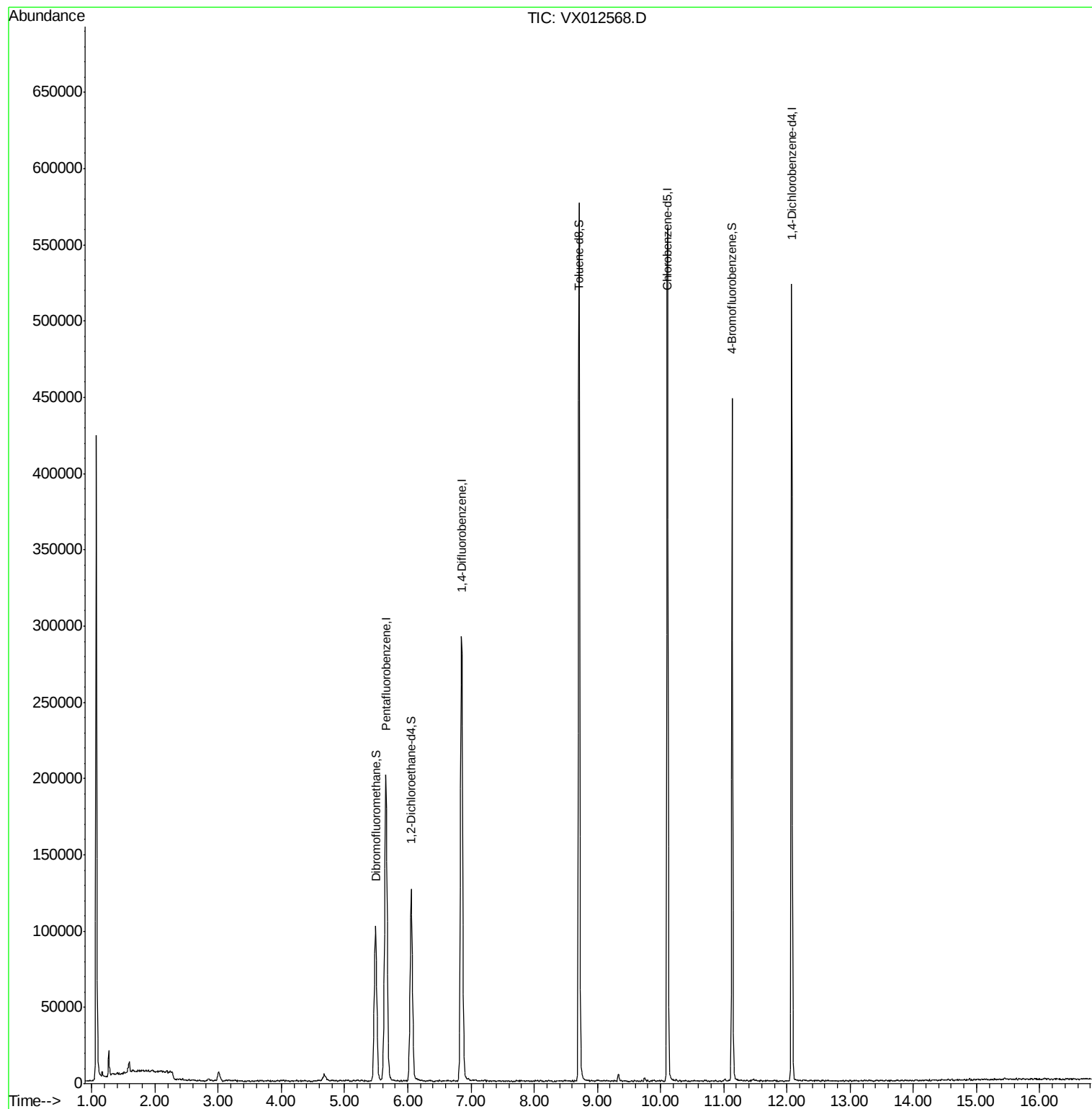
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012568.D

Acq: 20 Sep 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

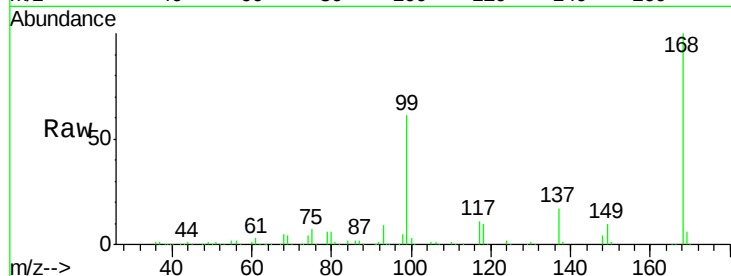
IBLK1

Tot Ion:168 Resp: 177806

Ion Ratio Lower Upper

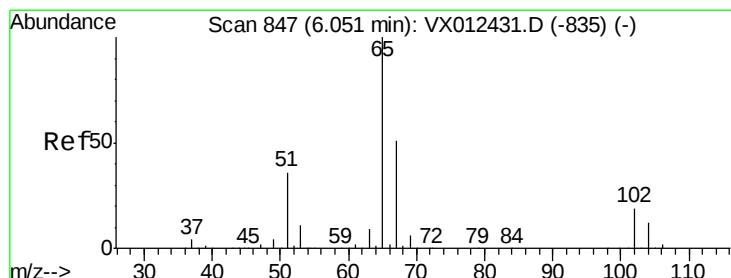
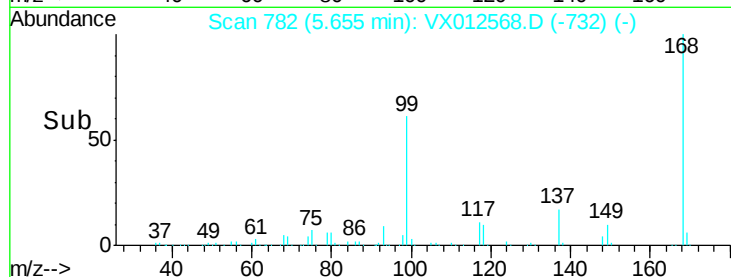
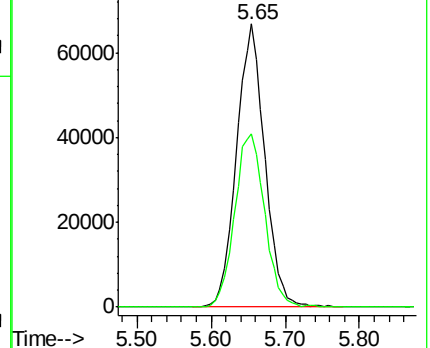
168 100

99 61.2 51.4 77.2



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: 47.478 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012568.D

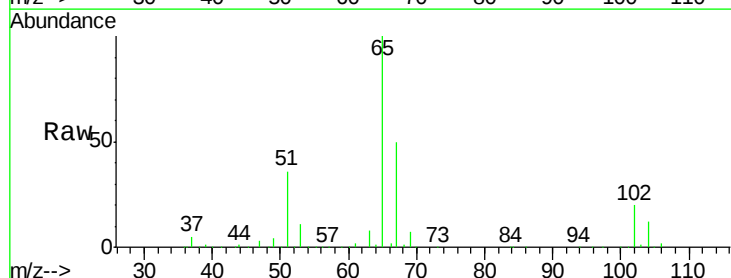
Acq: 20 Sep 2019 19:29

Tgt Ion: 65 Resp: 120990

Ion Ratio Lower Upper

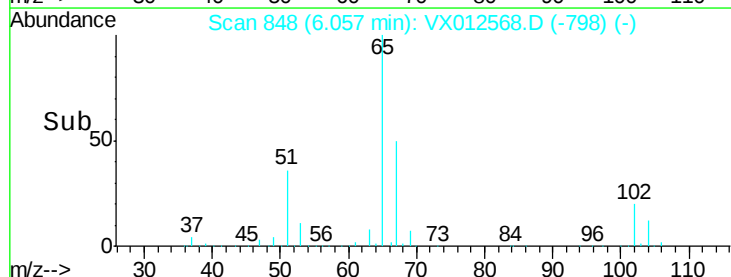
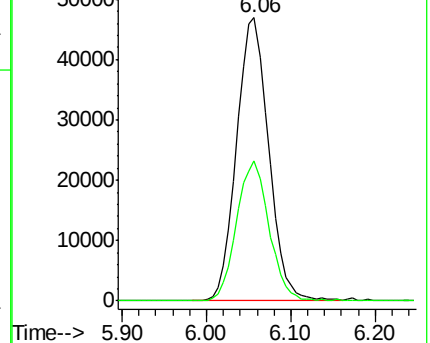
65 100

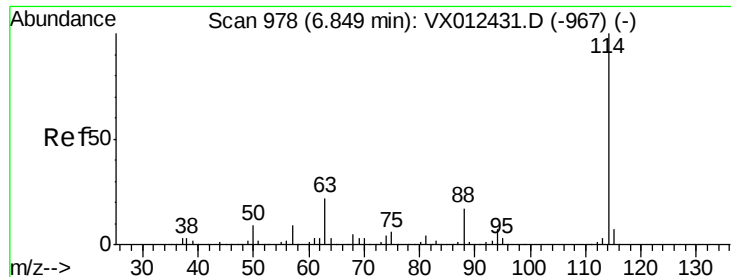
67 49.8 0.0 101.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012568.D

Acq: 20 Sep 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK1

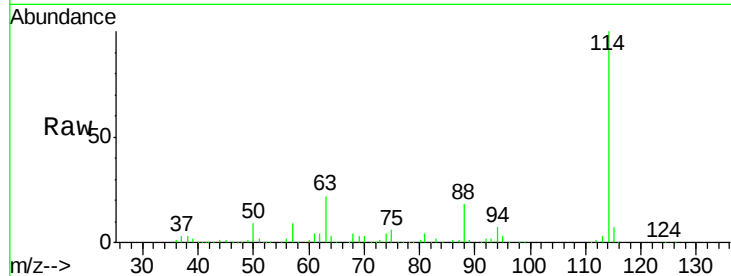
Tot Ion:114 Resp: 285377

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

88 17.6 0.0 33.2



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

6.85

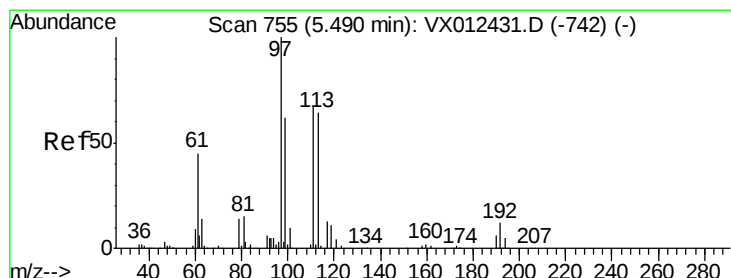
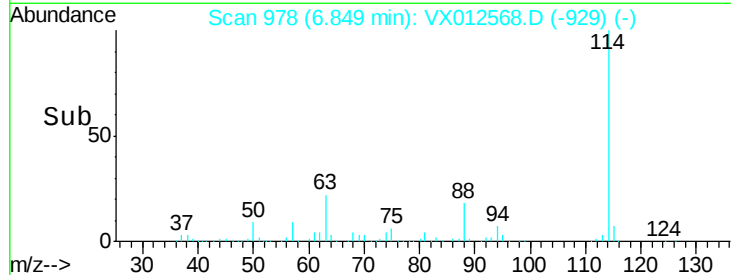
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 48.928 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012568.D

Acq: 20 Sep 2019 19:29

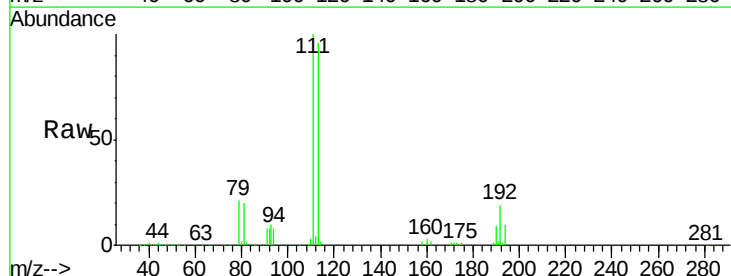
Tgt Ion:113 Resp: 84512

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 19.5 14.4 21.6



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

5.49

40000

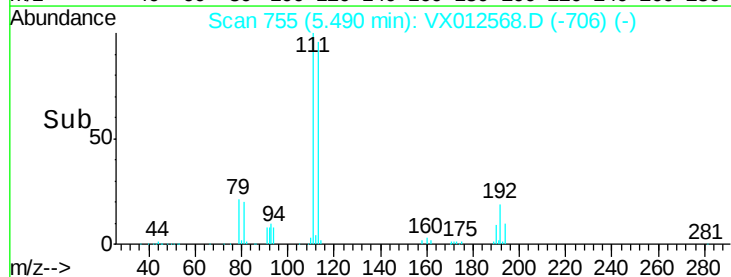
30000

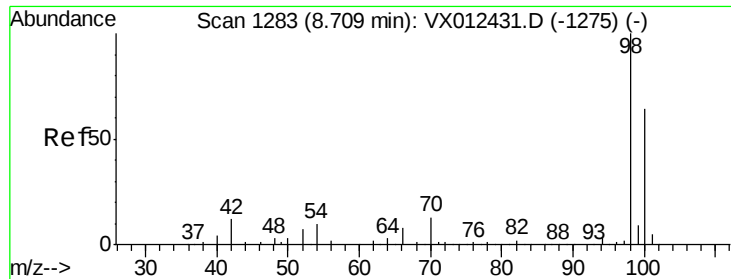
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 51.648 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012568.D

Acq: 20 Sep 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

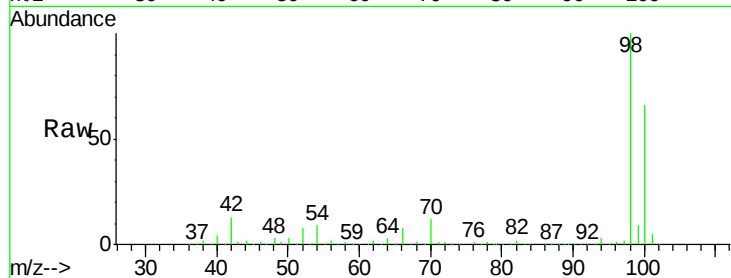
IBLK1

Tot Ion: 98 Resp: 330205

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

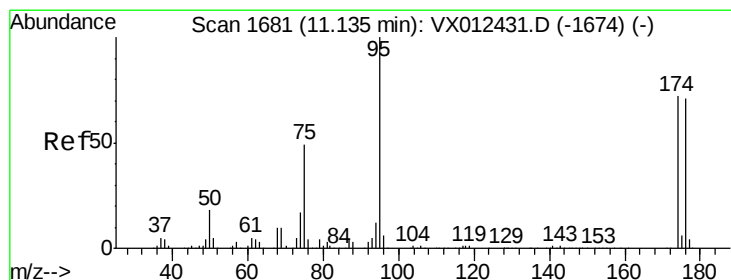
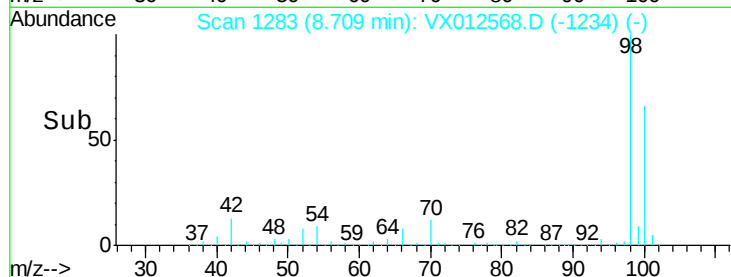
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.970 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012568.D

Acq: 20 Sep 2019 19:29

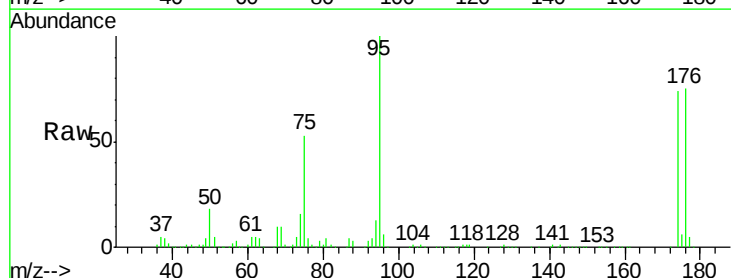
Tgt Ion: 95 Resp: 119376

Ion Ratio Lower Upper

95 100

174 71.9 0.0 140.0

176 70.4 0.0 135.4



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

120000

100000

80000

60000

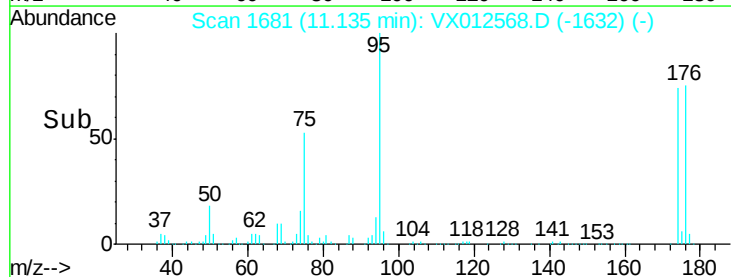
40000

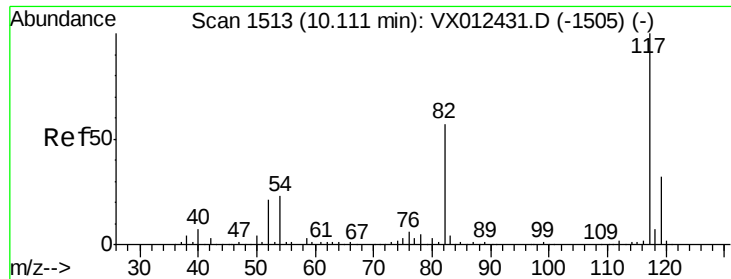
20000

0

11.10 11.20

Time-->

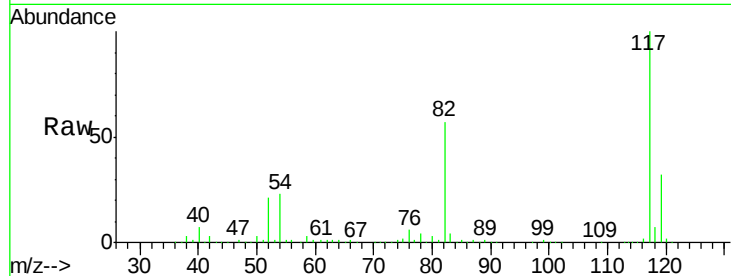




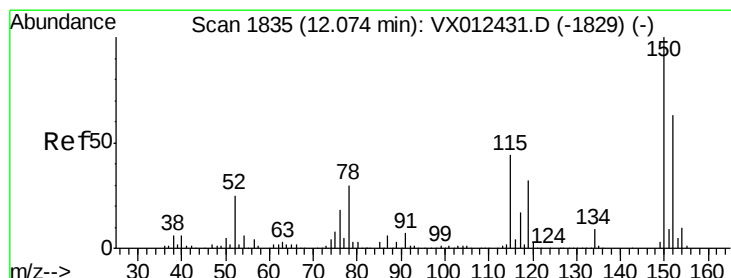
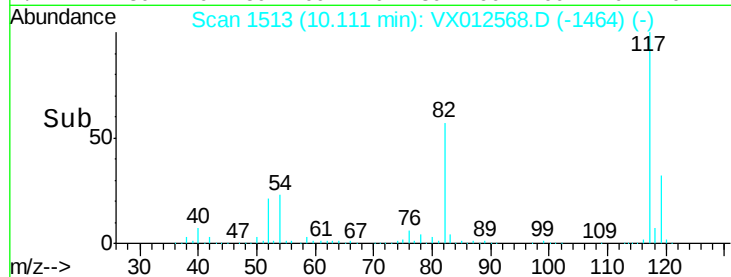
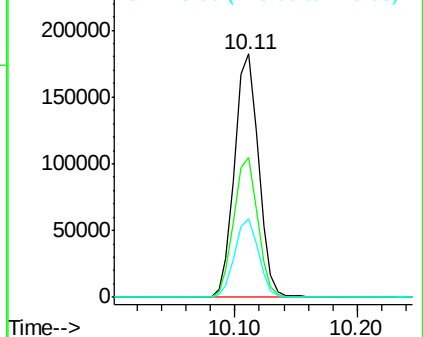
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012568.D
Acq: 20 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampled :
IBLK1

Tot Ion:117 Resp: 246970
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.0 25.3 37.9

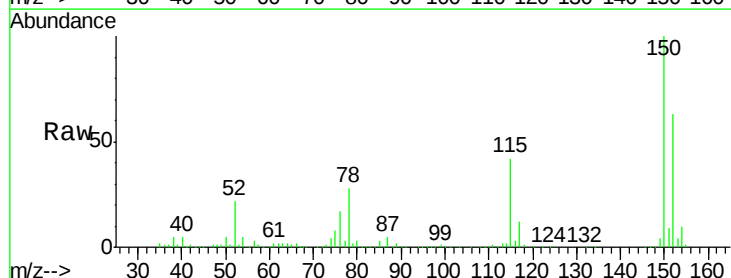


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012568.D
Acq: 20 Sep 2019 19:29

Tgt Ion:152 Resp: 100908
Ion Ratio Lower Upper
152 100
115 63.7 44.1 132.3
150 159.1 0.0 343.8



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

