

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012724.D
 Acq On : 01 Oct 2019 11:39
 Operator : JC/SP
 Sample : VX1001WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBL01

Quant Time: Oct 02 02:18:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	241757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90320	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	116186	47.23	ug/l	0.00
Spiked Amount						
			Recovery	=	94.46%	
35) Dibromofluoromethane	5.48	113	87160	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	
50) Toluene-d8	8.71	98	341226	51.30	ug/l	0.00
Spiked Amount						
			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.14	95	112471	43.00	ug/l	0.00
Spiked Amount						
			Recovery	=	86.00%	

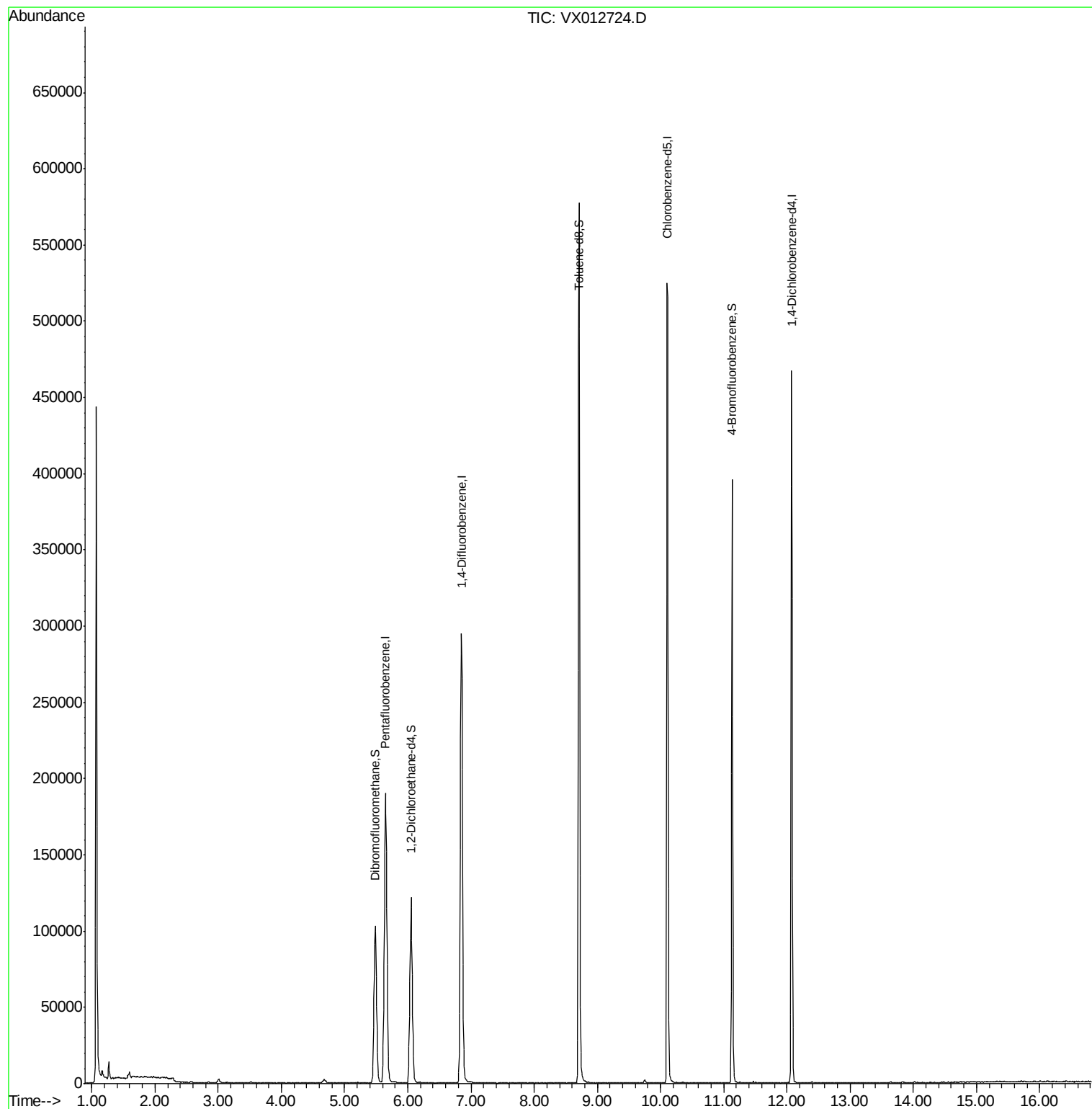
Target Compounds	Qvalue
------------------	--------

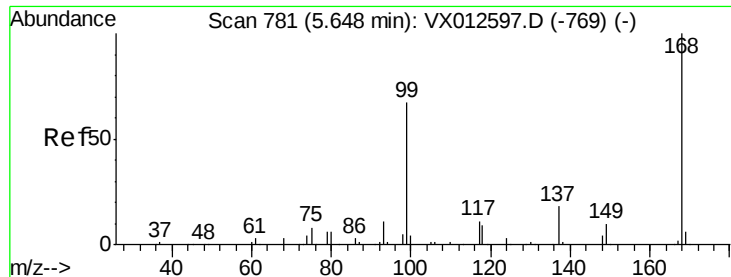
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100119\
Data File : VX012724.D
Acq On : 01 Oct 2019 11:39
Operator : JC/SP
Sample : VX1001WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

Quant Time: Oct 02 02:18:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

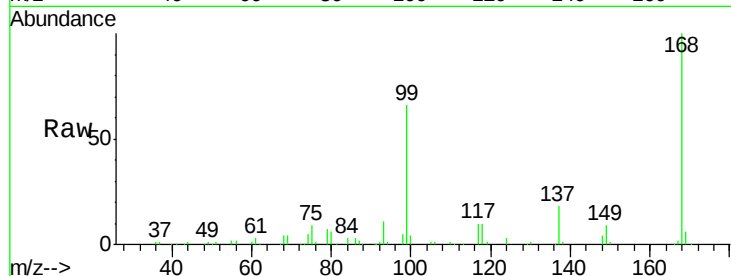
VX1001WBL01

Tot Ion:168 Resp: 168920

Ion Ratio Lower Upper

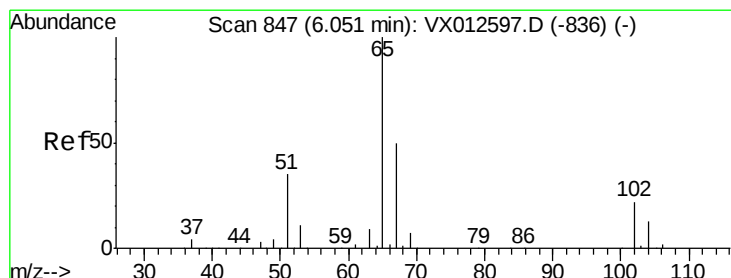
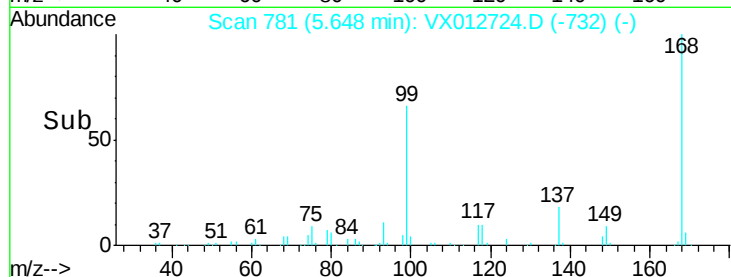
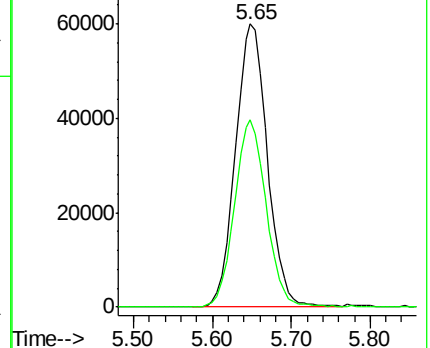
168 100

99 66.3 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: 47.234 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012724.D

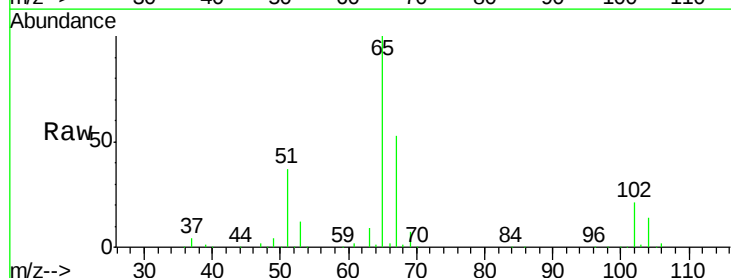
Acq: 01 Oct 2019 11:39

Tgt Ion: 65 Resp: 116186

Ion Ratio Lower Upper

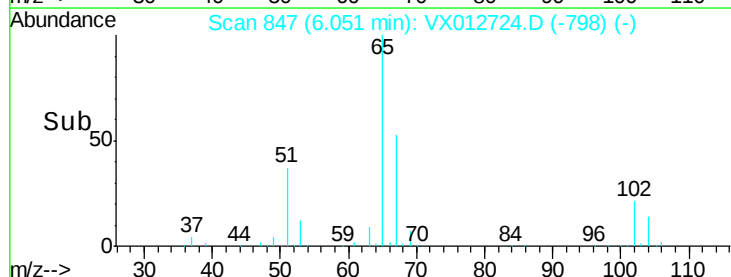
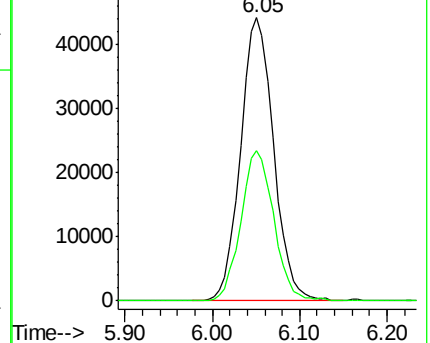
65 100

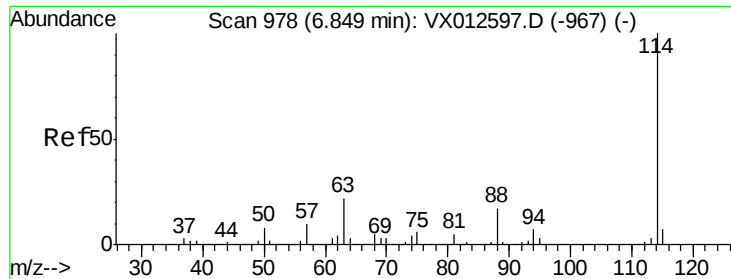
67 52.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

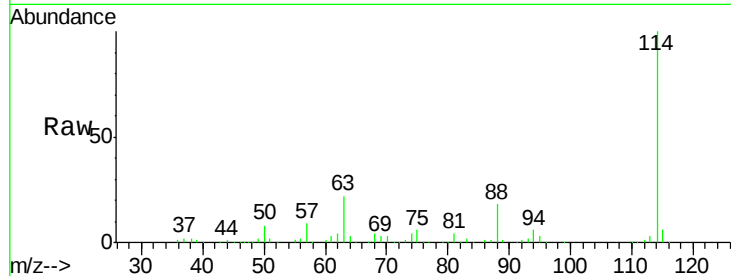




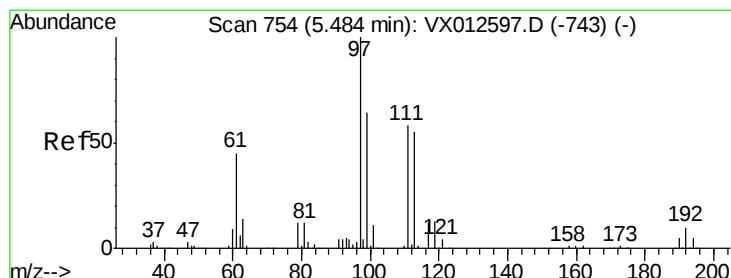
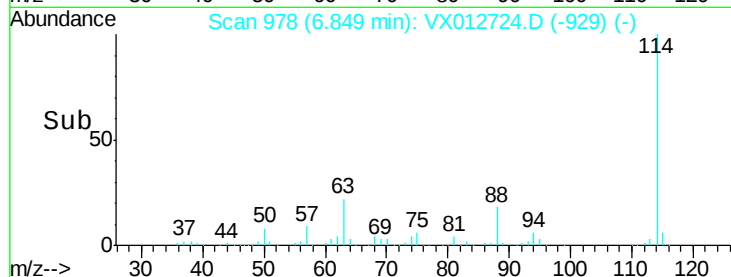
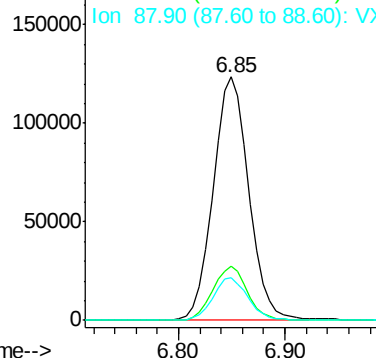
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

Tot Ion:114 Resp: 290024
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 17.7 0.0 33.2

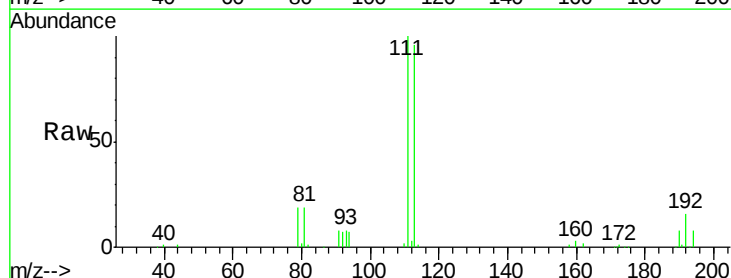


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

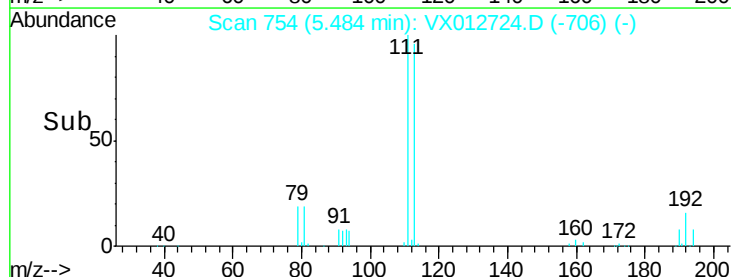
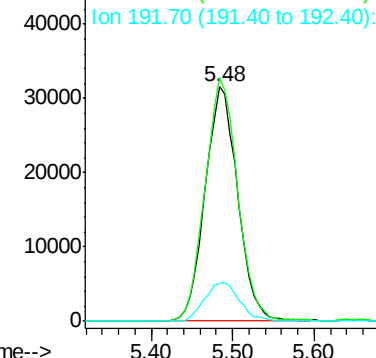


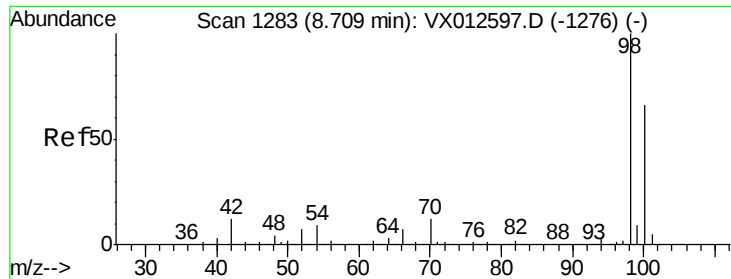
#35
Dibromofluoromethane
Concen: 50.463 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

Tgt Ion:113 Resp: 87160
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.2
192 17.5 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





#50

Toluene-d8

Concen: 51.300 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

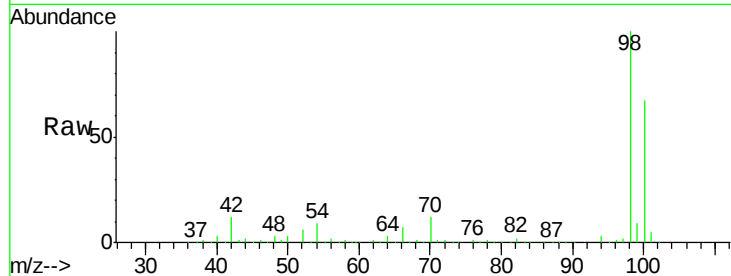
VX1001WBL01

Tot Ion: 98 Resp: 341226

Ion Ratio Lower Upper

98 100

100 67.0 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

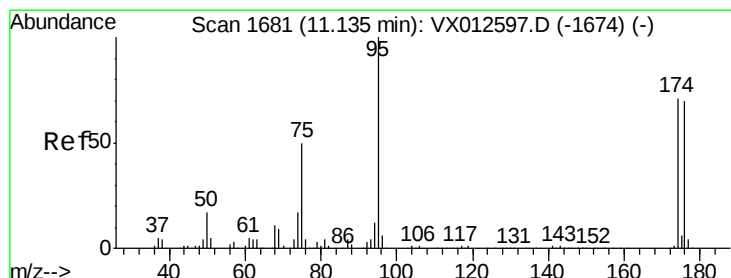
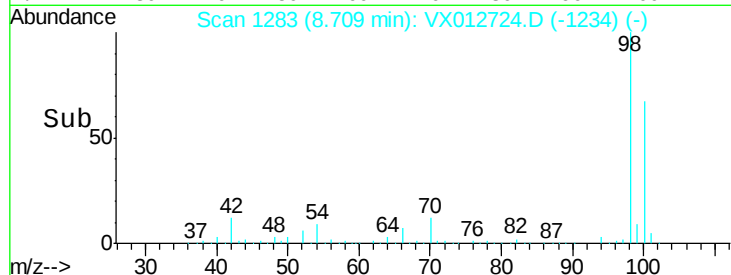
8.60

8.70

8.80

8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 43.003 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012724.D

Acq: 01 Oct 2019 11:39

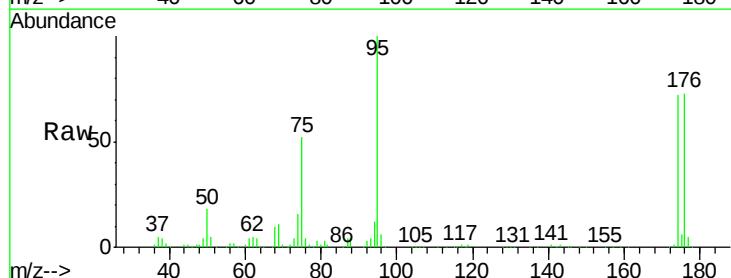
Tgt Ion: 95 Resp: 112471

Ion Ratio Lower Upper

95 100

174 68.3 0.0 140.0

176 67.1 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

100000

80000

60000

40000

20000

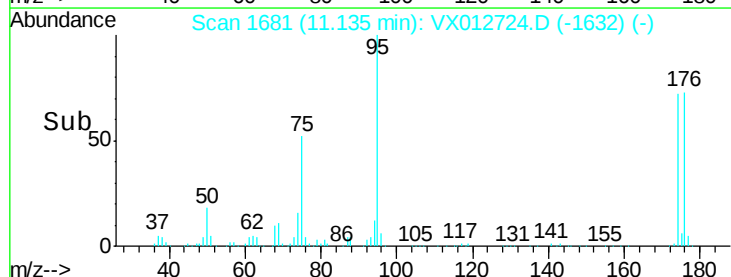
0

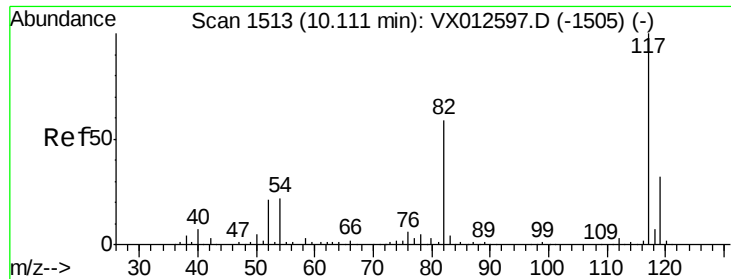
11.10

11.14

11.20

Time-->

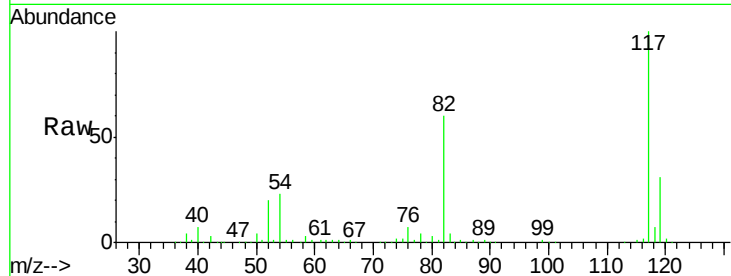




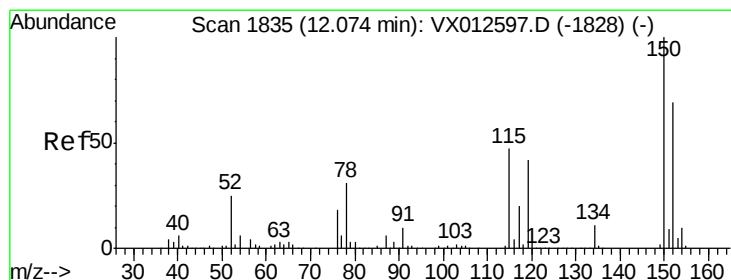
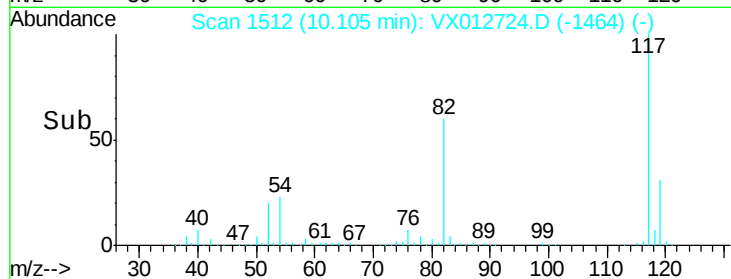
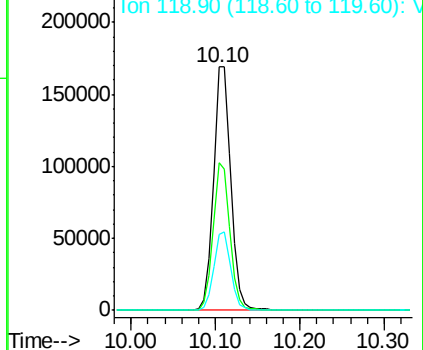
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

Tot Ion:117 Resp: 241757
Ion Ratio Lower Upper
117 100
82 60.4 45.9 68.9
119 31.3 25.3 37.9

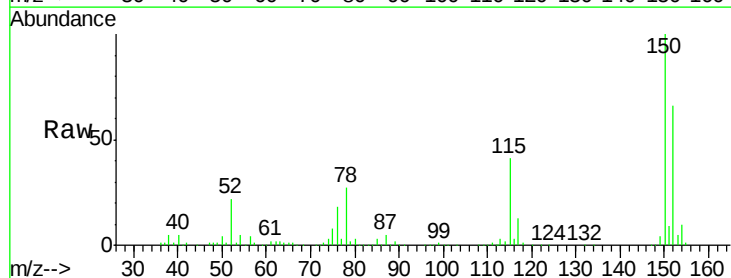


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012724.D
Acq: 01 Oct 2019 11:39

Tgt Ion:152 Resp: 90320
Ion Ratio Lower Upper
152 100
115 64.8 44.1 132.3
150 156.5 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

