

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012985.D
 Acq On : 10 Oct 2019 11:04
 Operator : JC/SP
 Sample : K5260-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1FLDDS-TB1

Quant Time: Oct 11 05:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96150	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	117350	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	5.49	113	89762	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	8.71	98	356218	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.13	95	116892	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	

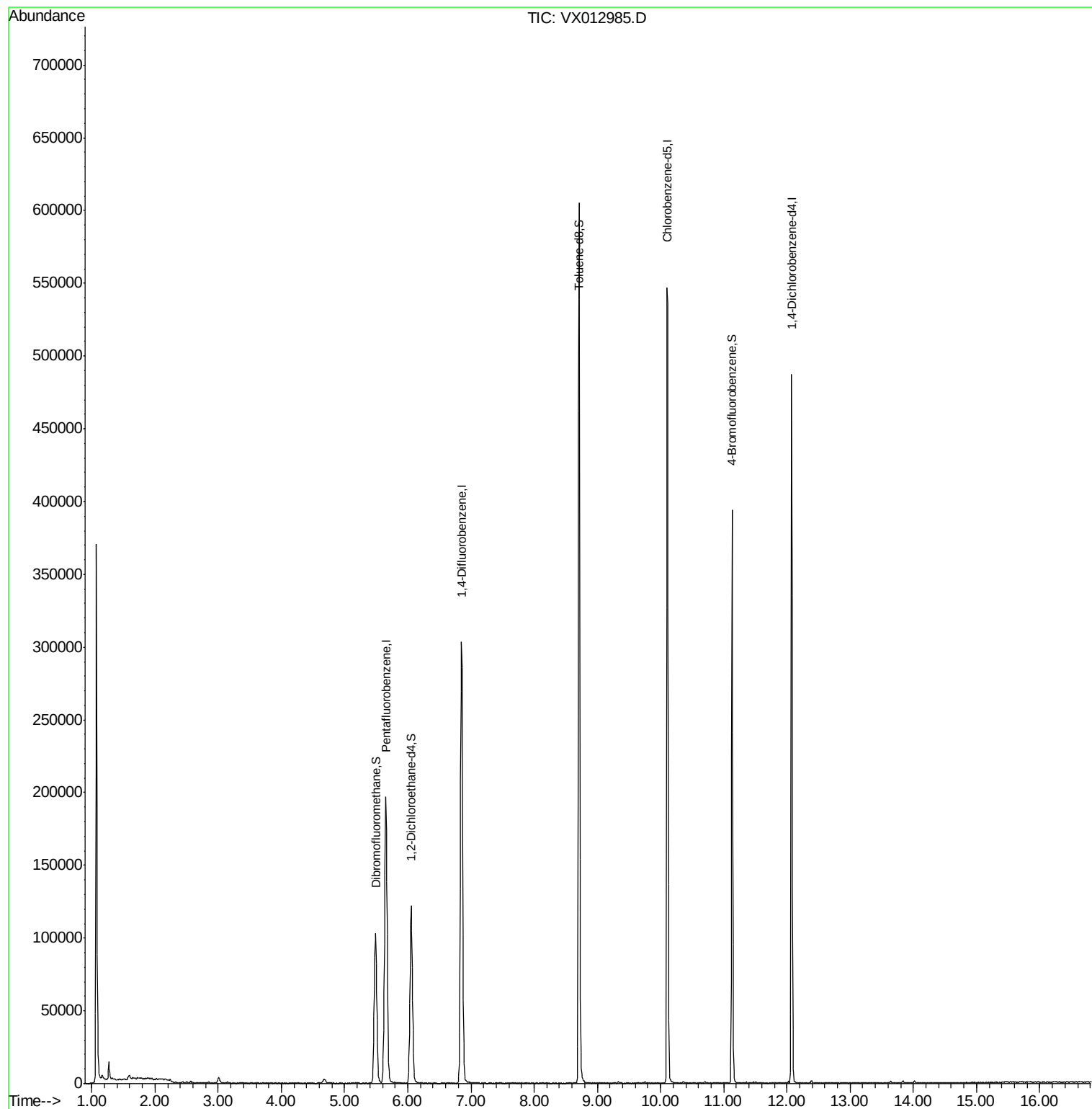
Target Compounds	Qvalue
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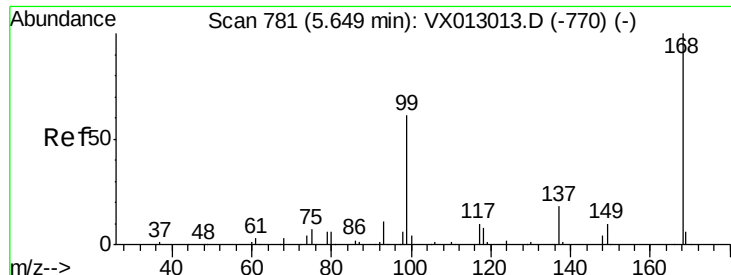
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012985.D

Acq: 10 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

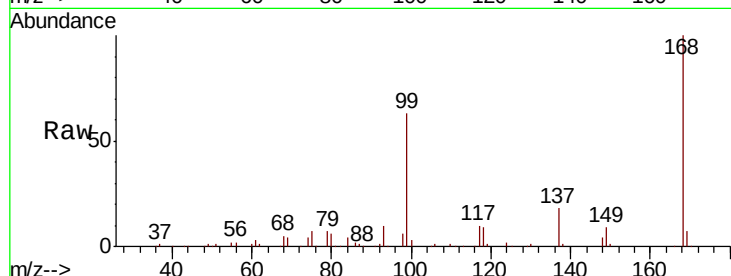
FA19-GMZ1FLDDS-TB1

Tot Ion:168 Resp: 184333

Ion Ratio Lower Upper

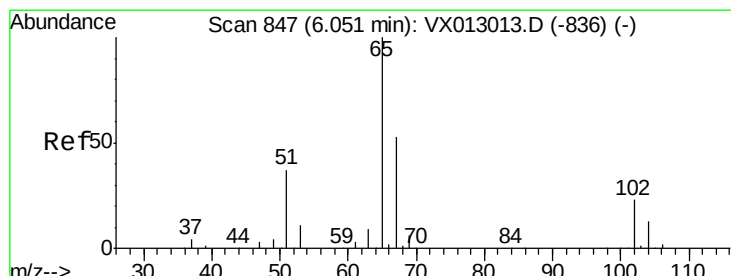
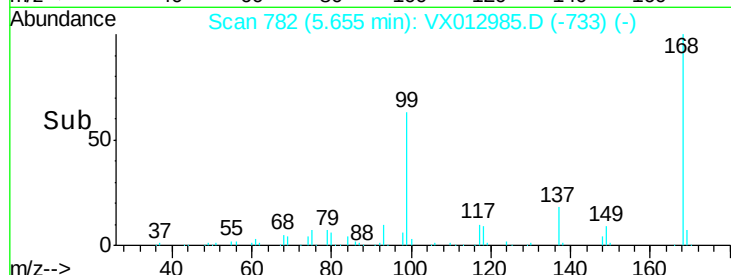
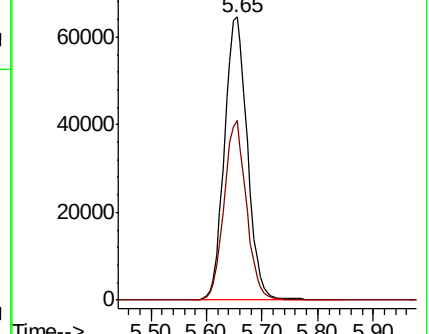
168 100

99 63.4 49.4 74.0



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: 50.935 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012985.D

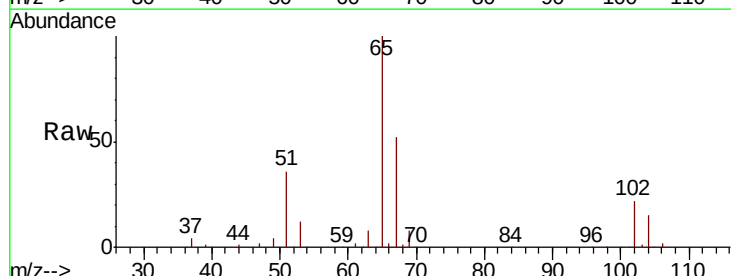
Acq: 10 Oct 2019 11:04

Tgt Ion: 65 Resp: 117350

Ion Ratio Lower Upper

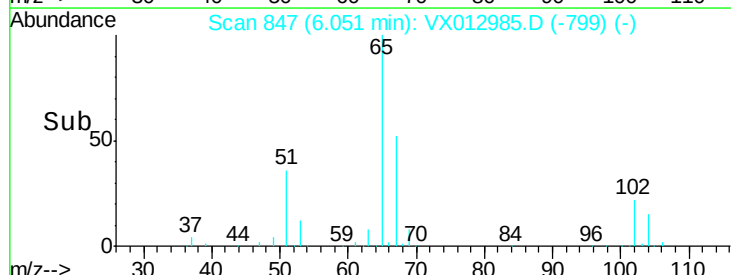
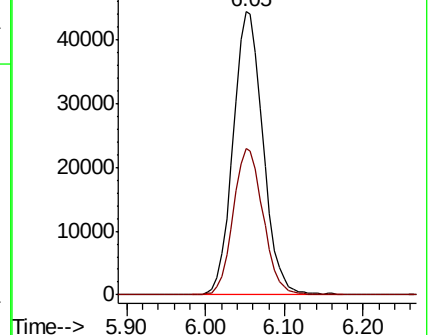
65 100

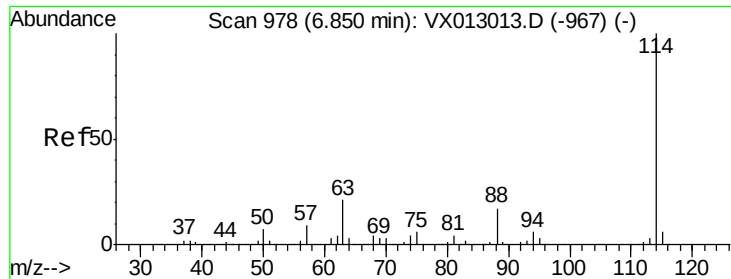
67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

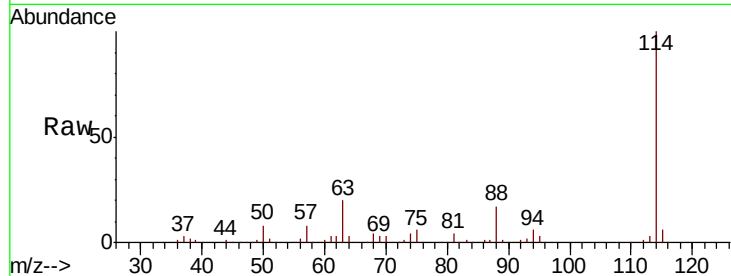




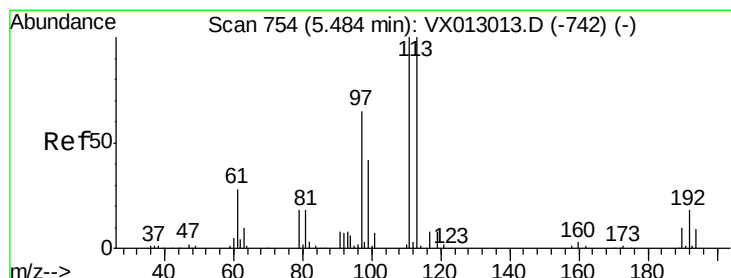
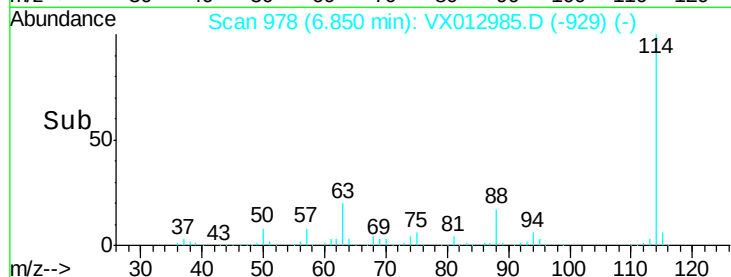
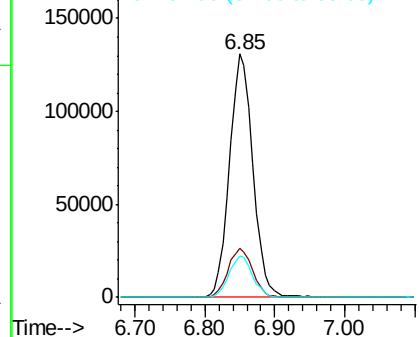
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012985.D
Acq: 10 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1FLDDS-TB1

Tot Ion:114 Resp: 304890
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.9 0.0 33.8

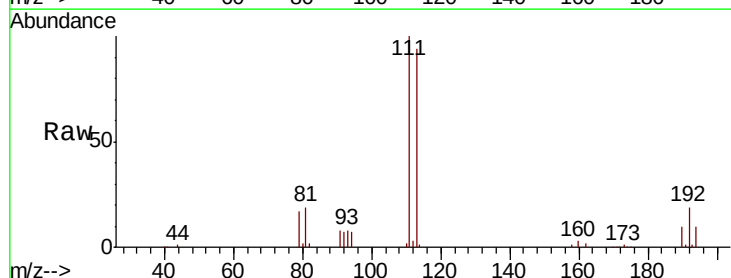


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

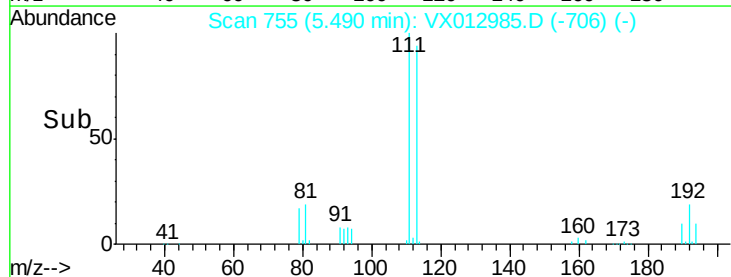
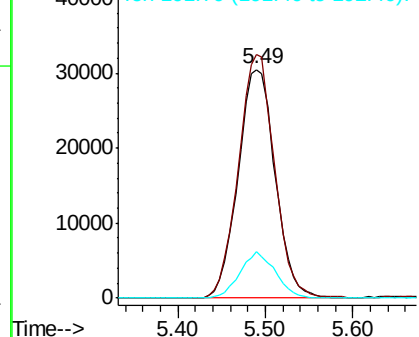


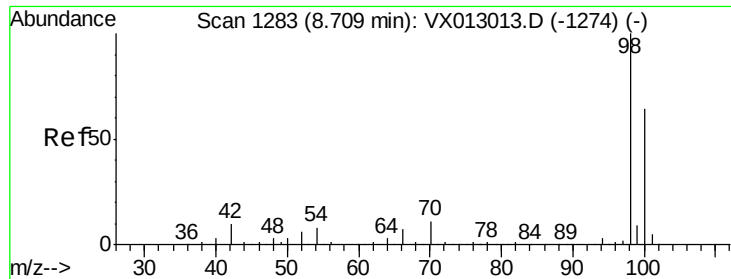
#35
Dibromofluoromethane
Concen: 51.295 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012985.D
Acq: 10 Oct 2019 11:04

Tgt Ion:113 Resp: 89762
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 19.3 15.4 23.2



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: 52.193 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012985.D

Acq: 10 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

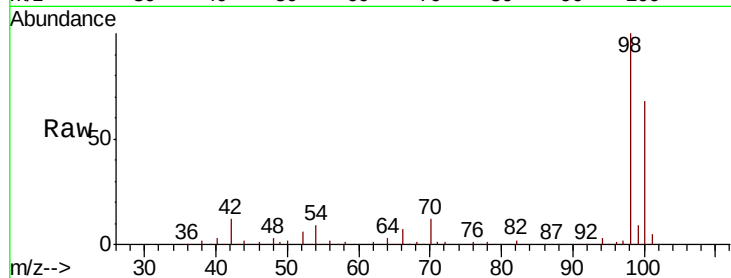
FA19-GMZ1FLDDS-TB1

Tot Ion: 98 Resp: 356218

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX013013.D (-1274) (-)

Ion 100.00 (99.70 to 100.70): VX013013.D (-1274) (-)

8.71

250000

200000

150000

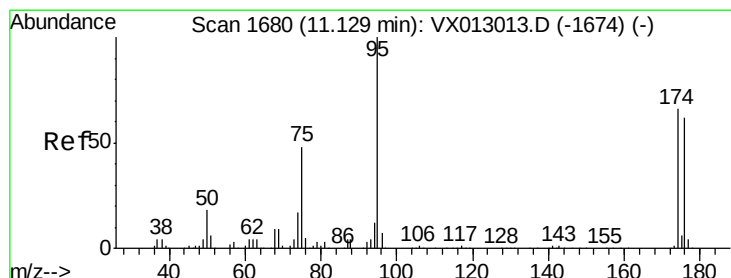
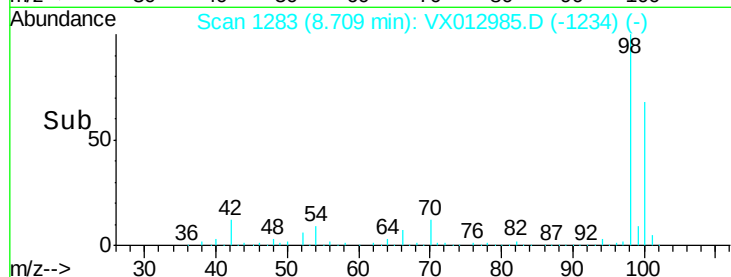
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.078 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012985.D

Acq: 10 Oct 2019 11:04

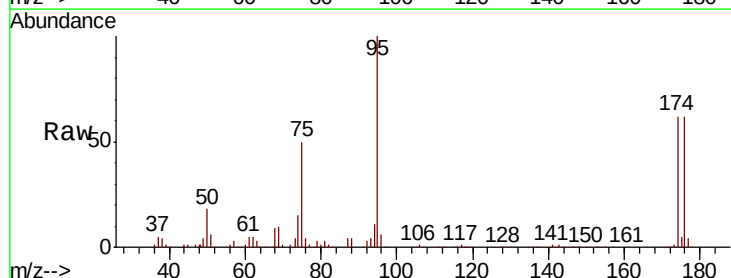
Tgt Ion: 95 Resp: 116892

Ion Ratio Lower Upper

95 100

174 71.1 0.0 143.4

176 69.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013013.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013013.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013013.D (-1674) (-)

120000

100000

80000

60000

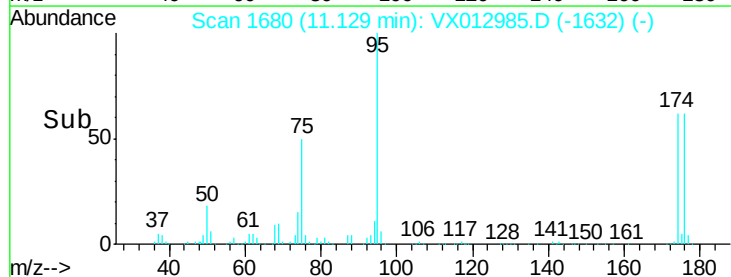
40000

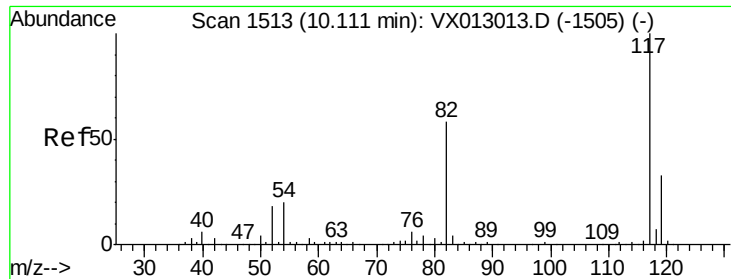
20000

0

11.10 11.20

Time-->

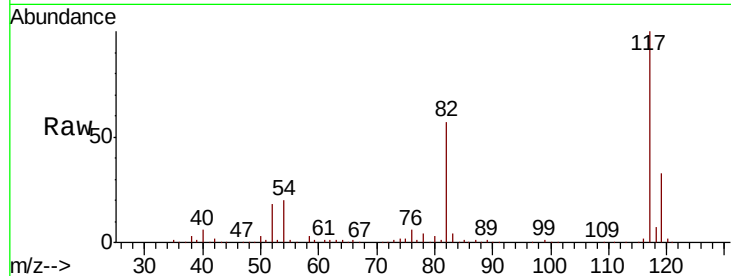




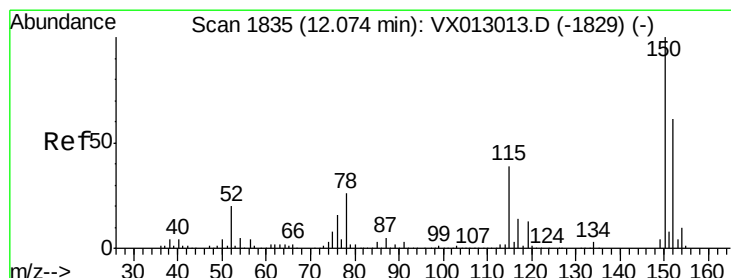
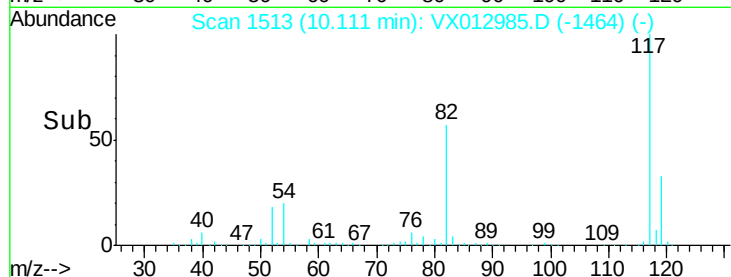
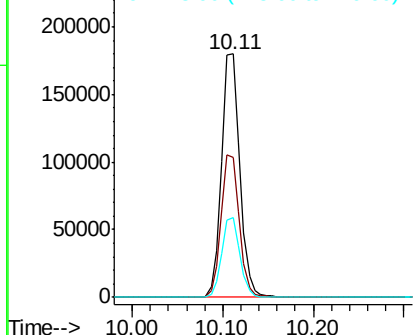
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012985.D
Acq: 10 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1FLDDS-TB1

Tot Ion:117 Resp: 253585
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.8 25.8 38.8

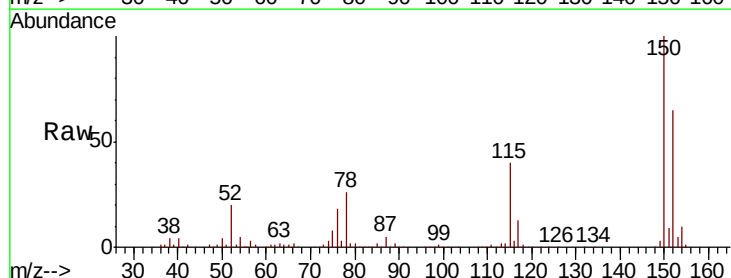


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012985.D
Acq: 10 Oct 2019 11:04

Tgt Ion:152 Resp: 96150
Ion Ratio Lower Upper
152 100
115 64.4 44.5 133.5
150 158.2 0.0 353.4



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

