

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
 Data File : VX015445.D
 Acq On : 31 Mar 2020 11:35
 Operator : JC/SP
 Sample : VX0331WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBL01

Quant Time: Apr 01 07:44:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1172607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1921095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1811174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	941933	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	802080	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.47	113	619401	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	8.70	98	2318750	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	979175	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	

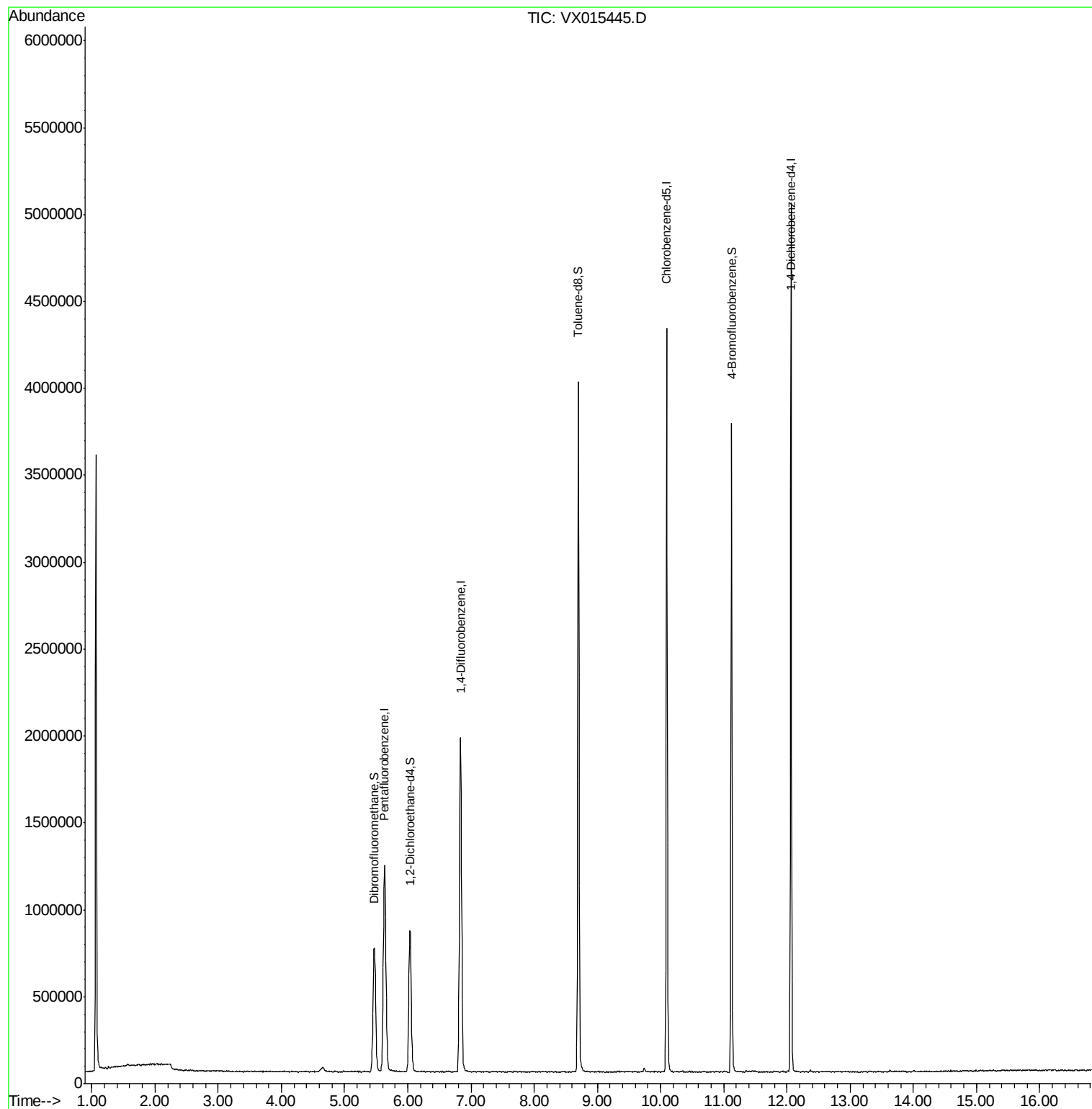
Target Compounds	Qvalue

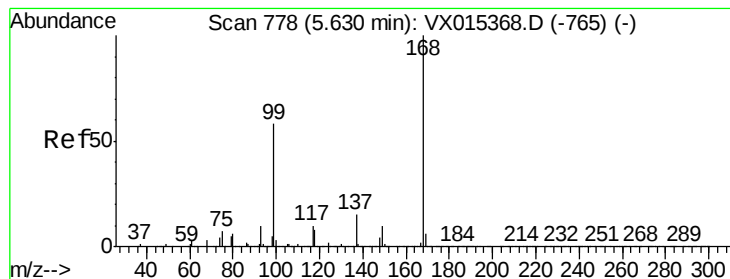
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

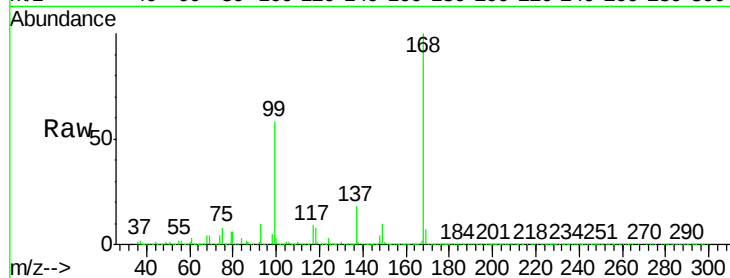
VX0331WBL01

Tot Ion:168 Resp: 1172607

Ion Ratio Lower Upper

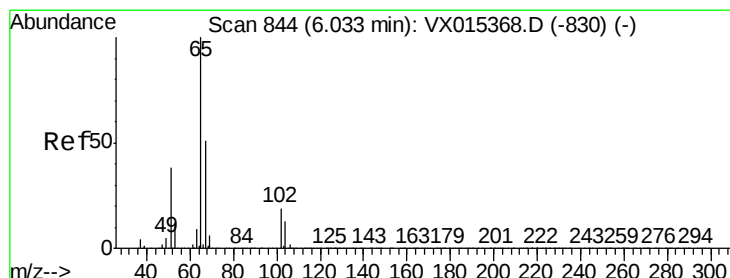
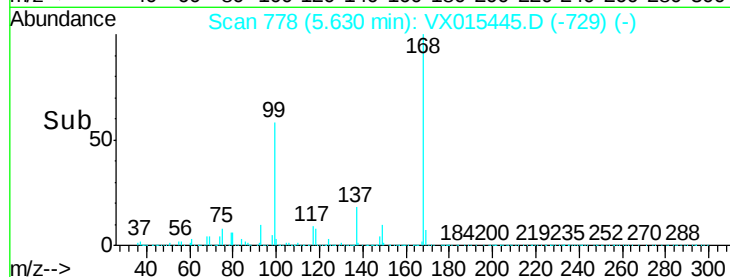
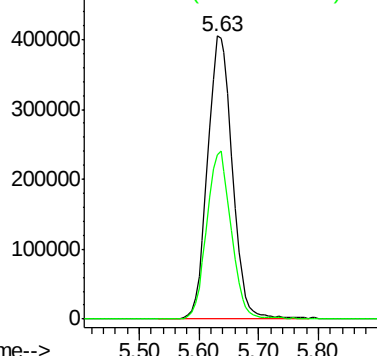
168 100

99 57.9 46.4 69.6



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: 48.498 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015445.D

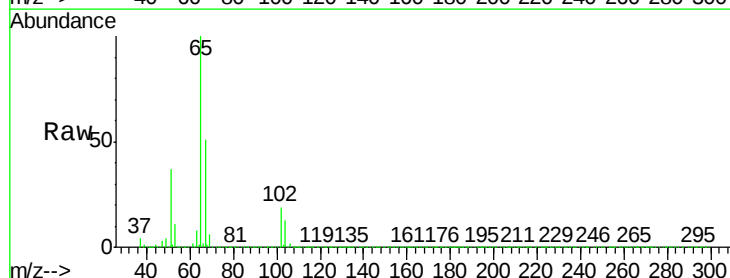
Acq: 31 Mar 2020 11:35

Tgt Ion: 65 Resp: 802080

Ion Ratio Lower Upper

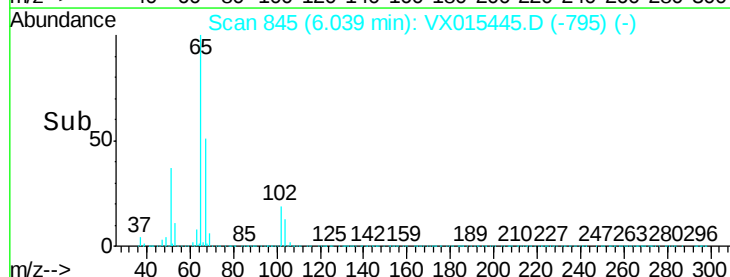
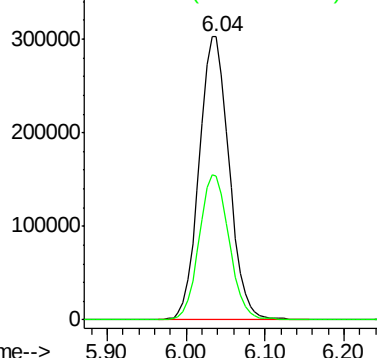
65 100

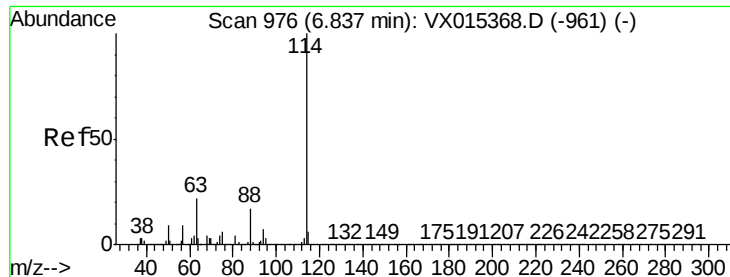
67 51.1 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBL01

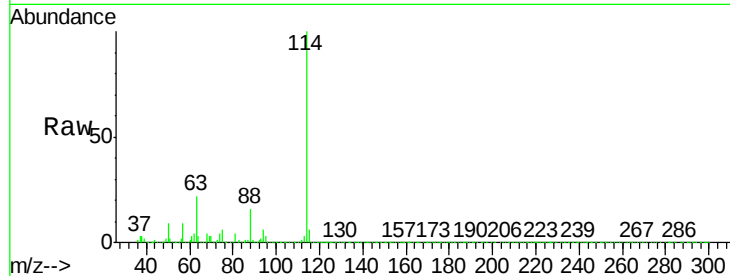
Tot Ion:114 Resp: 1921095

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.2

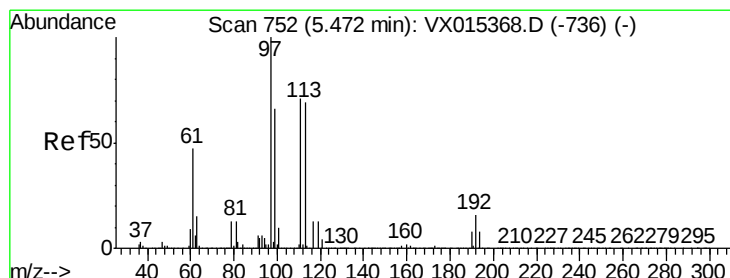
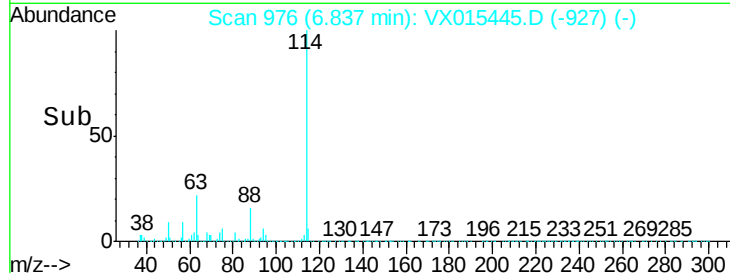
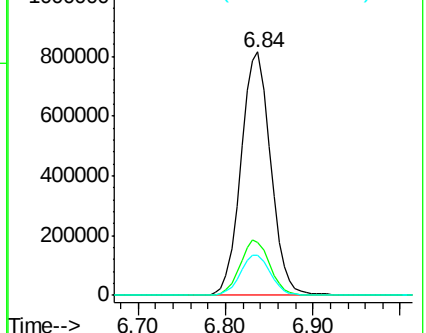
88 16.4 0.0 33.8



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: 50.439 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

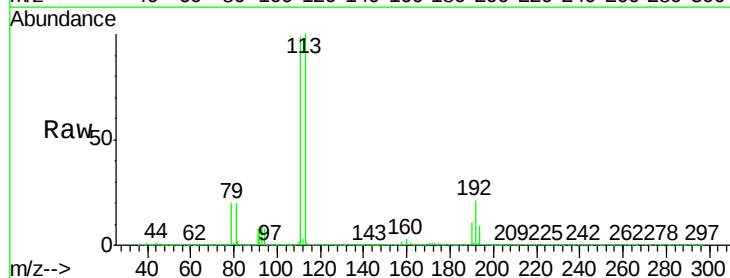
Tgt Ion:113 Resp: 619401

Ion Ratio Lower Upper

113 100

111 100.9 81.5 122.3

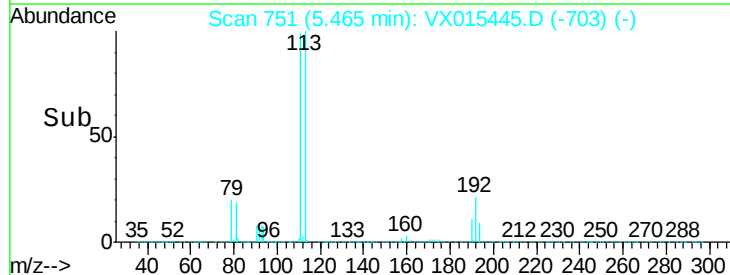
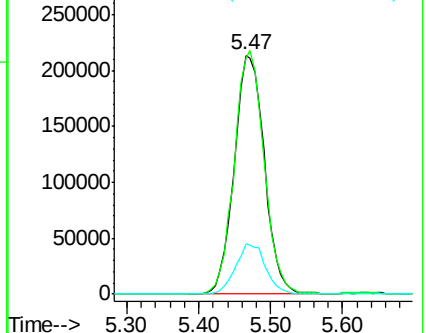
192 20.9 17.8 26.6

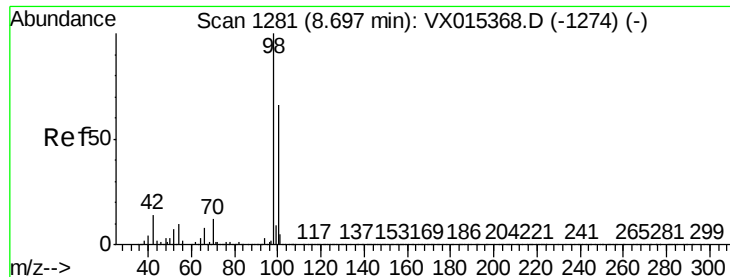


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.286 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

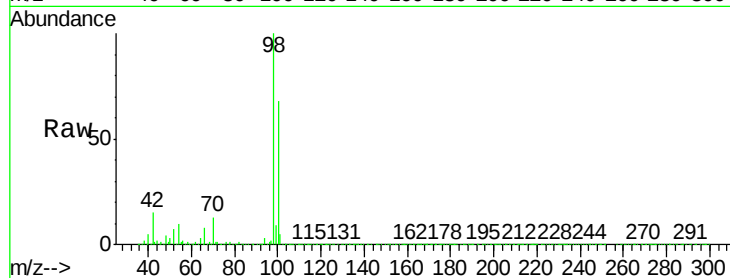
VX0331WBL01

Tot Ion: 98 Resp: 2318750

Ion Ratio Lower Upper

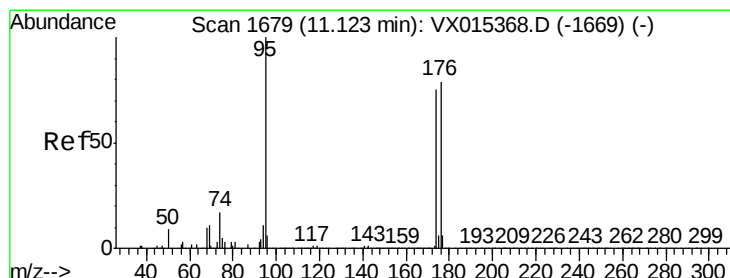
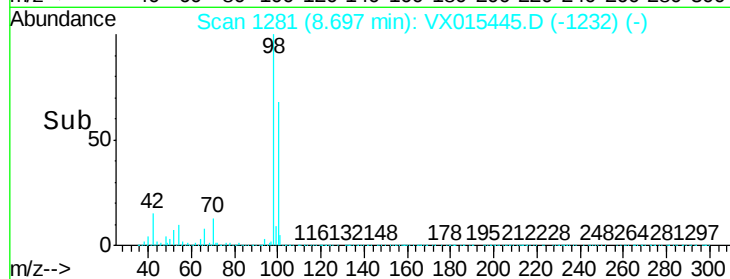
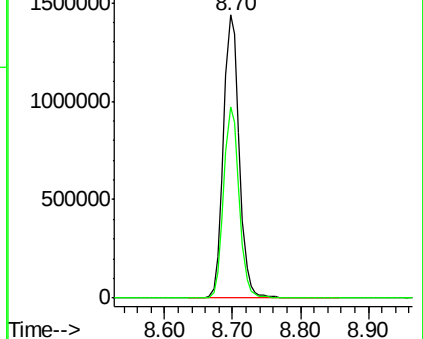
98 100

100 66.4 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 53.290 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

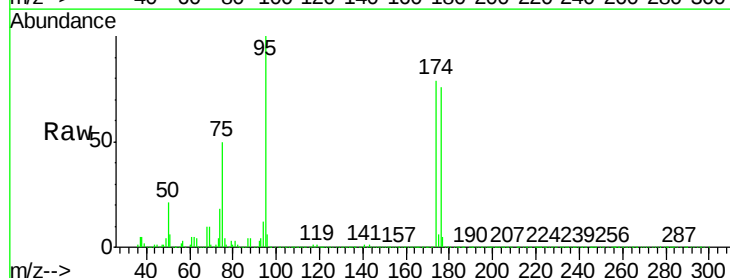
Tgt Ion: 95 Resp: 979175

Ion Ratio Lower Upper

95 100

174 78.0 0.0 158.6

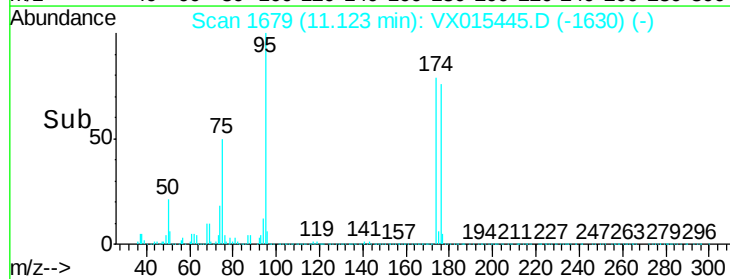
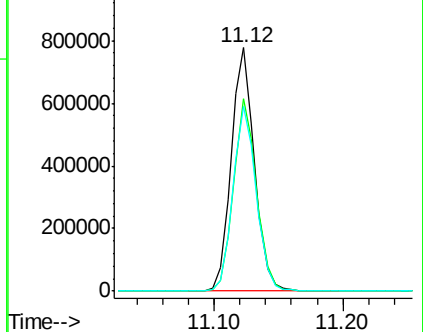
176 75.8 0.0 159.0

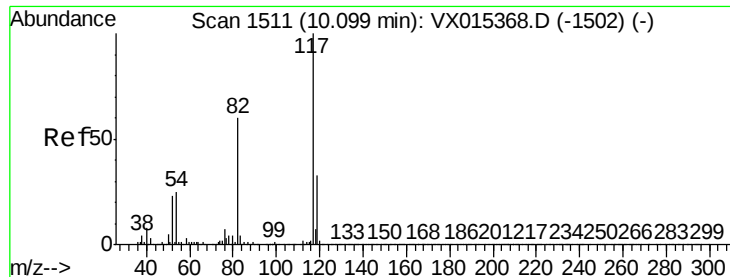


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

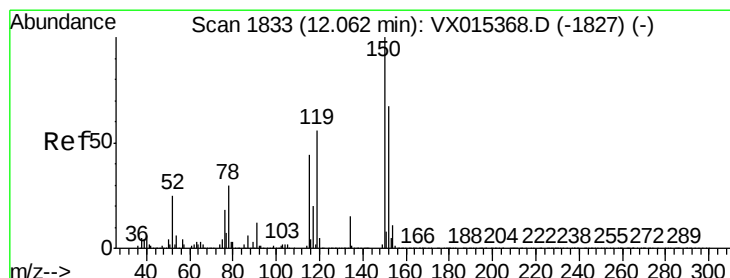
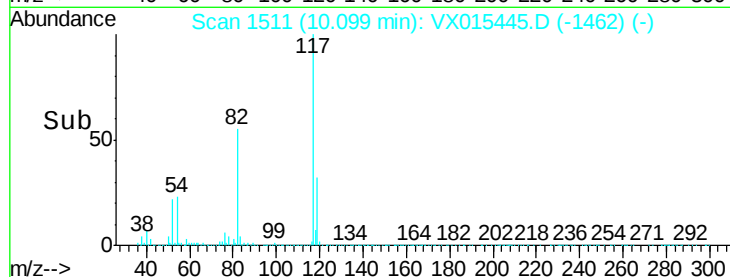
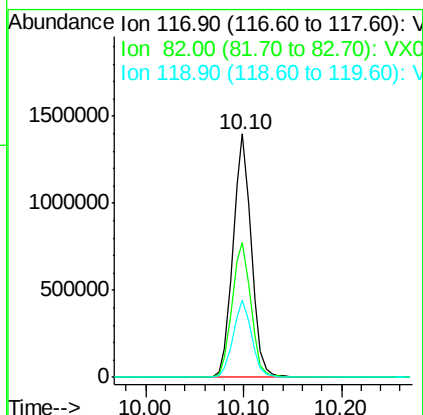
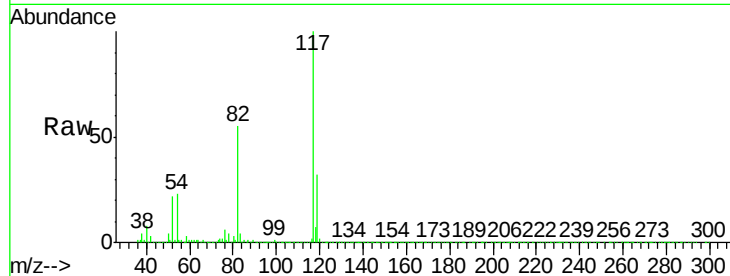




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBL01

Tot Ion:117 Resp: 1811174
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.8
119 31.6 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

Tgt Ion:152 Resp: 941933
Ion Ratio Lower Upper
152 100
115 58.9 39.0 116.9
150 154.7 0.0 340.8

