

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001077.D
 Acq On : 24 Apr 2018 12:58
 Operator : JC/MD
 Sample : VX0424MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424MBL01

Quant Time: Apr 25 07:22:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163195	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157124	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
35) Dibromofluoromethane	5.51	113	119369	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	8.72	98	447437	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.14	95	157066	40.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.66%	

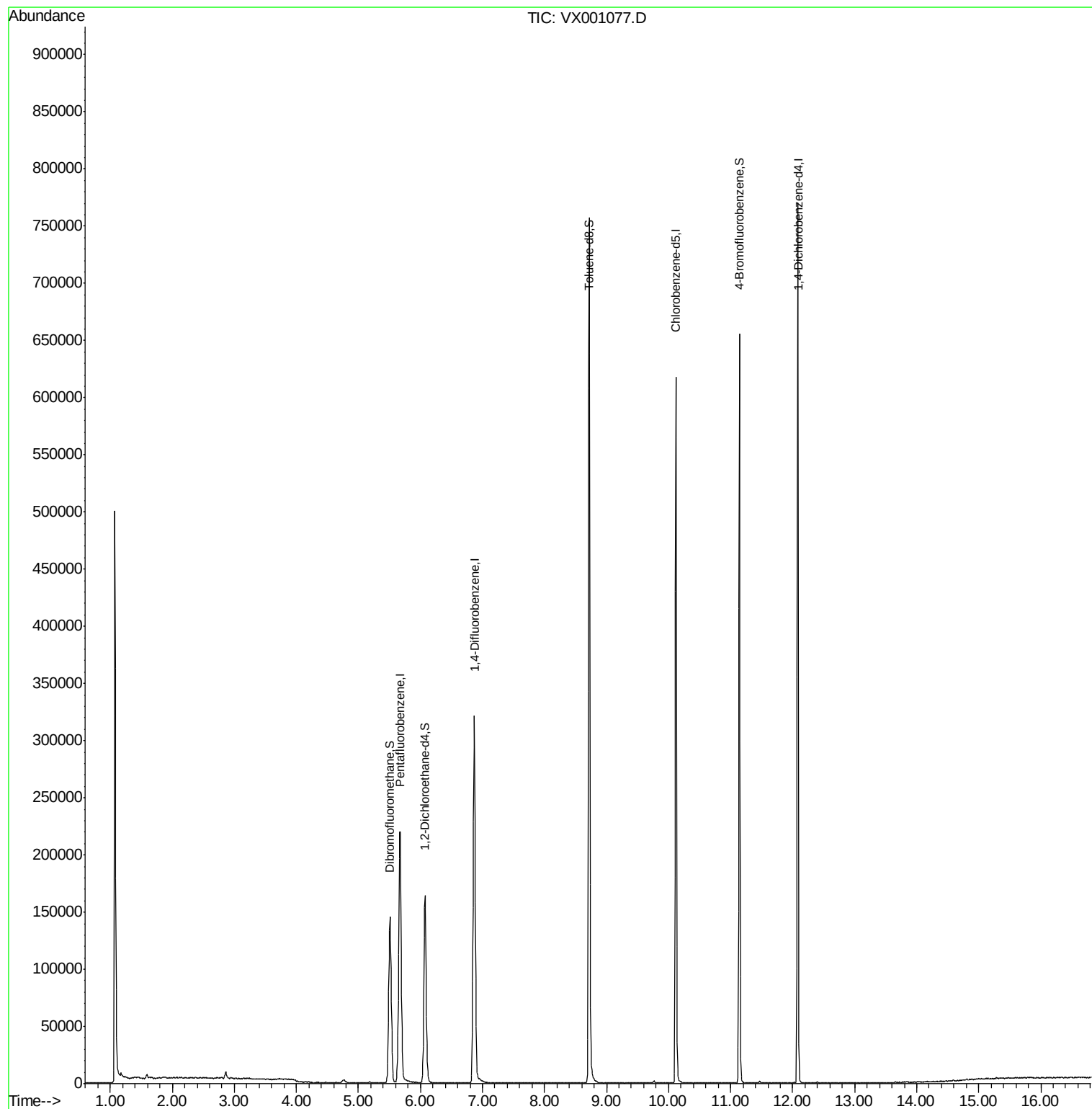
Target Compounds	Qvalue

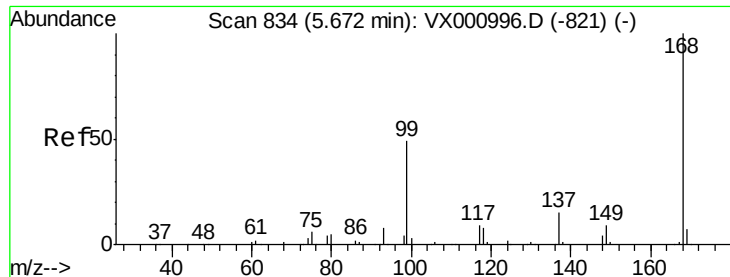
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001077.D

Acq: 24 Apr 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

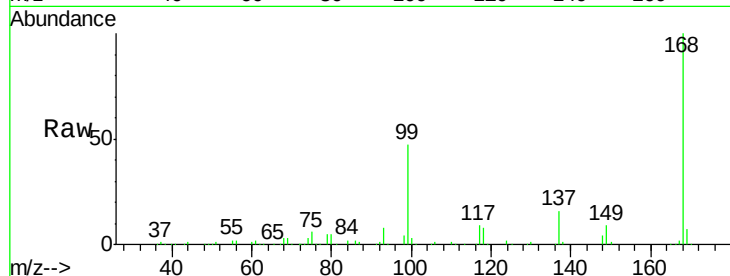
VX0424MBL01

Tot Ion:168 Resp: 236514

Ion Ratio Lower Upper

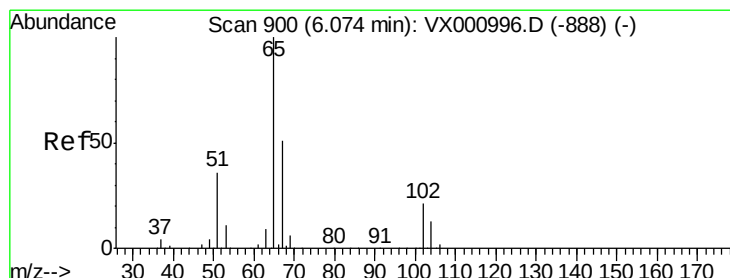
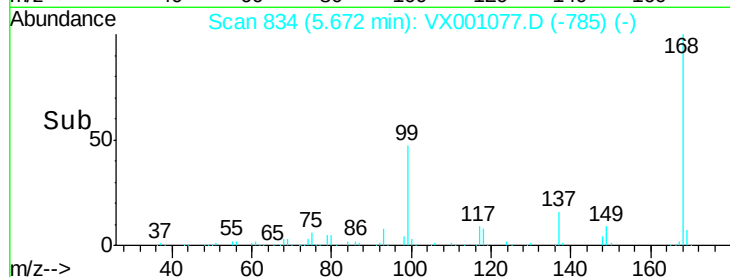
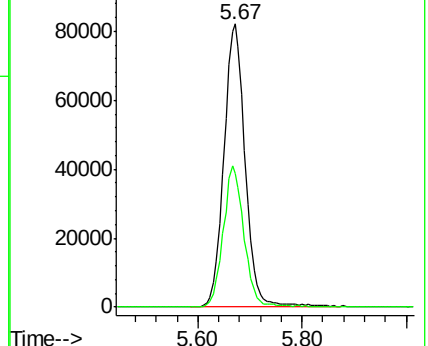
168 100

99 47.2 39.2 58.8



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: 52.41 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001077.D

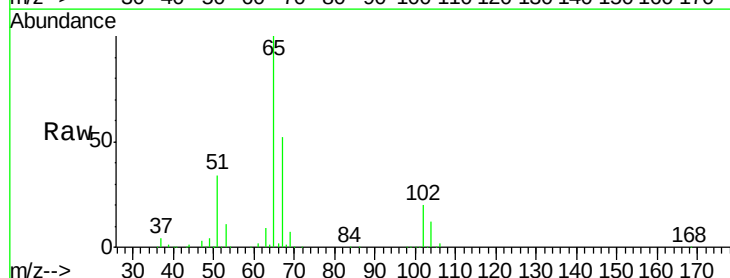
Acq: 24 Apr 2018 12:58

Tgt Ion: 65 Resp: 157124

Ion Ratio Lower Upper

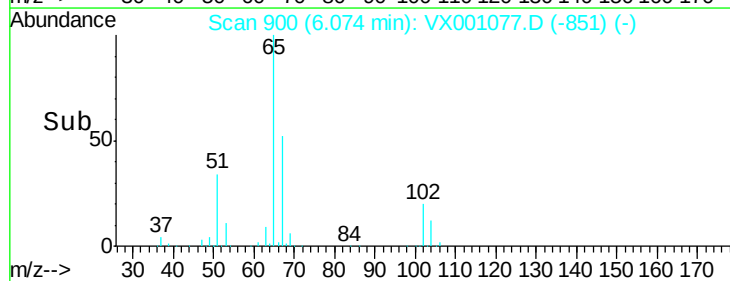
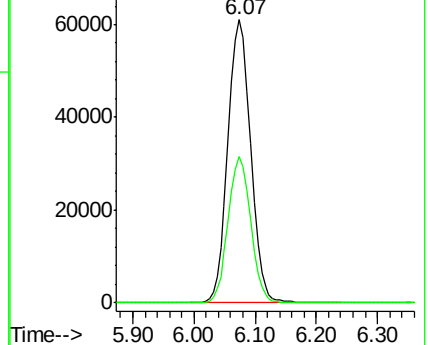
65 100

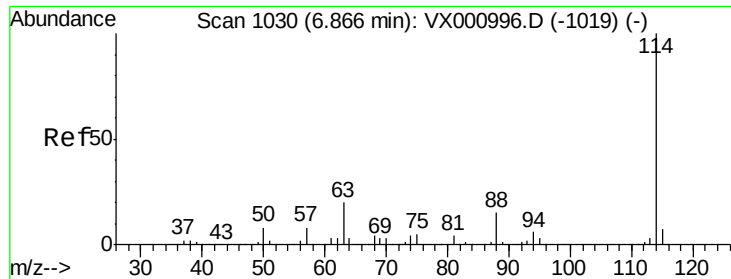
67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001077.D

Acq: 24 Apr 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0424MBL01

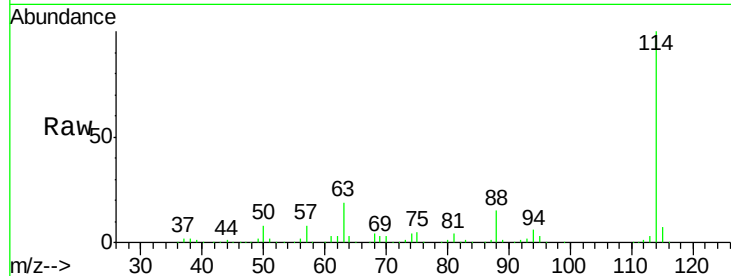
Tot Ion:114 Resp: 329086

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

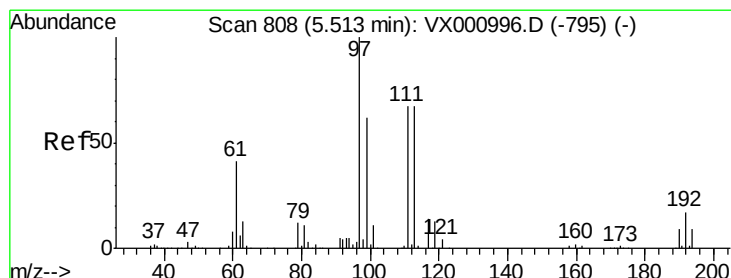
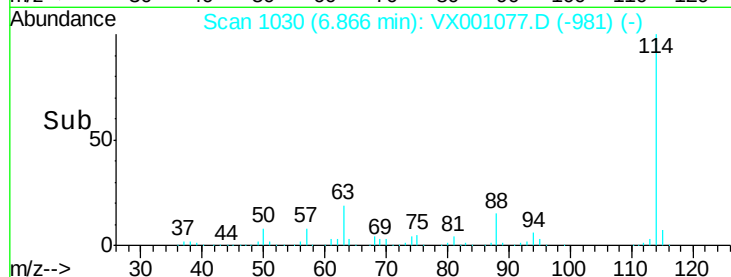
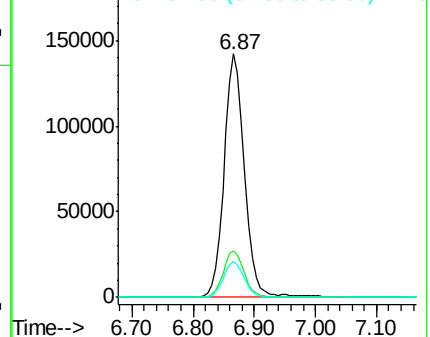
88 14.8 0.0 29.8



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: 47.57 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001077.D

Acq: 24 Apr 2018 12:58

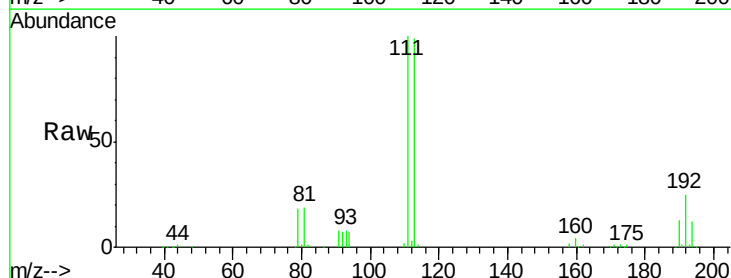
Tgt Ion:113 Resp: 119369

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

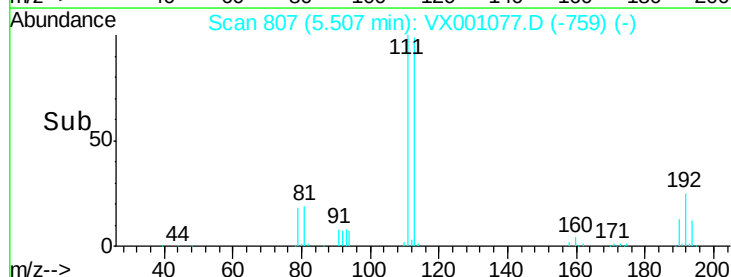
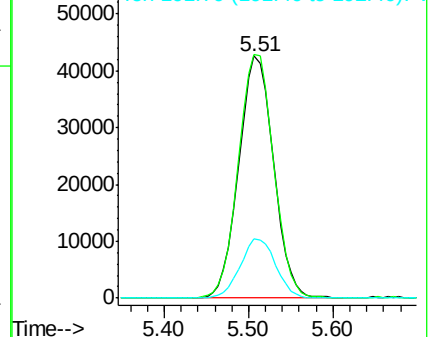
192 25.0 20.4 30.6

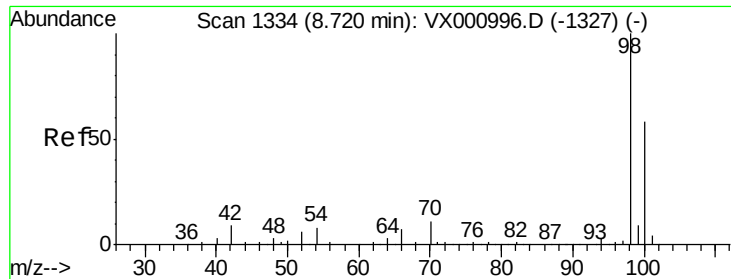


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001077.D

Acq: 24 Apr 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

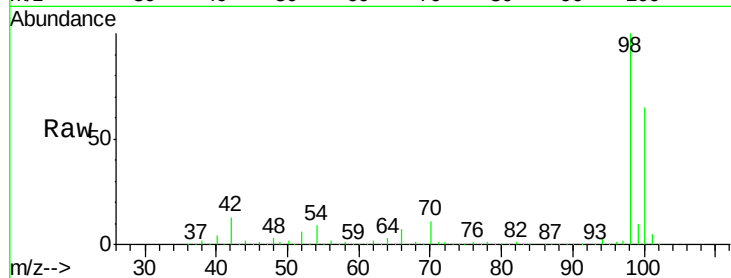
VX0424MBL01

Tot Ion: 98 Resp: 447437

Ion Ratio Lower Upper

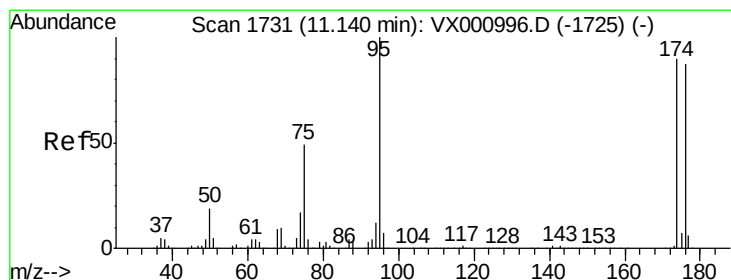
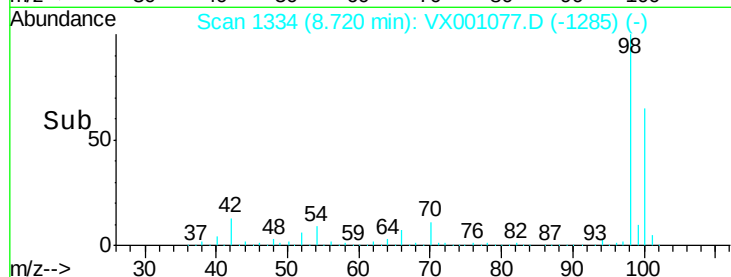
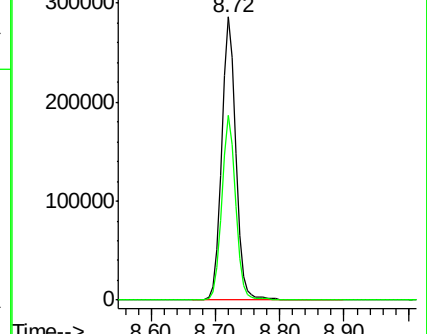
98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 40.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001077.D

Acq: 24 Apr 2018 12:58

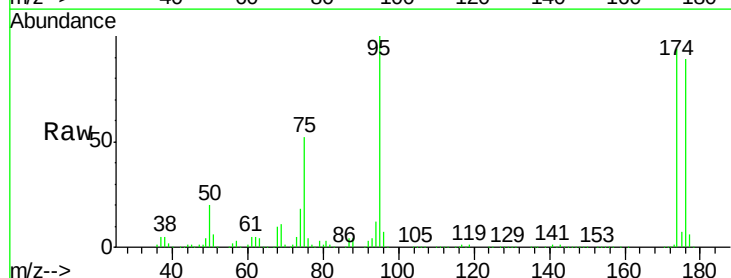
Tgt Ion: 95 Resp: 157066

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

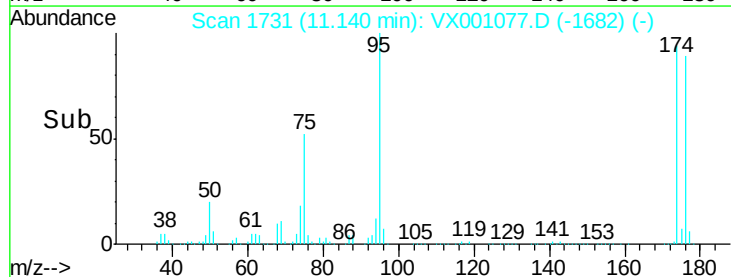
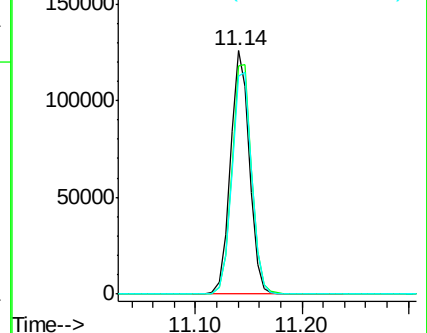
176 95.2 0.0 192.0

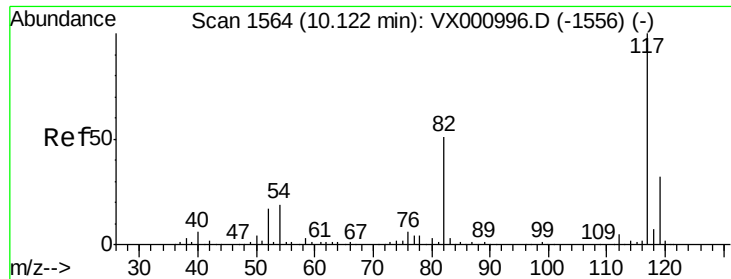


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

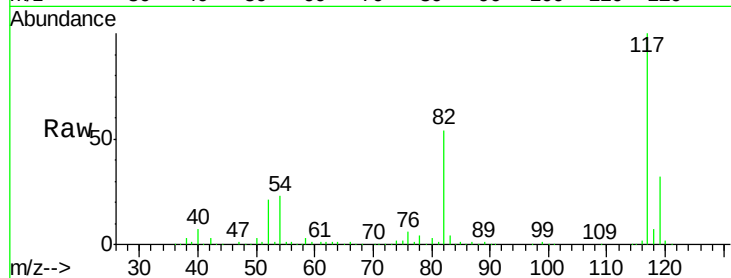




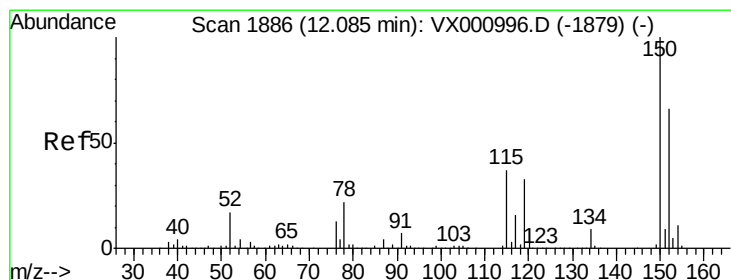
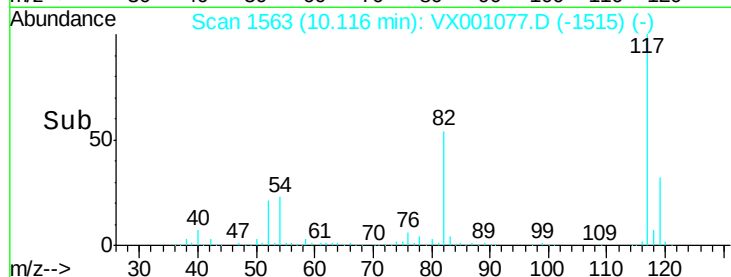
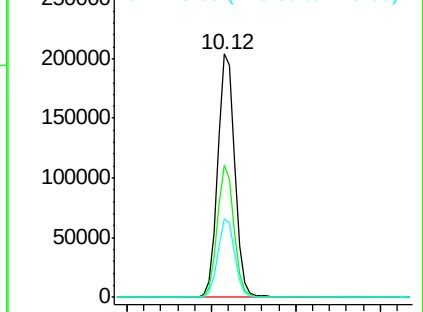
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001077.D
Acq: 24 Apr 2018 12:58

Instrument :
MSVOA_X
ClientSampled :
VX0424MBL01

Tot Ion:117 Resp: 287999
Ion Ratio Lower Upper
117 100
82 54.1 40.6 60.8
119 32.4 26.0 39.0

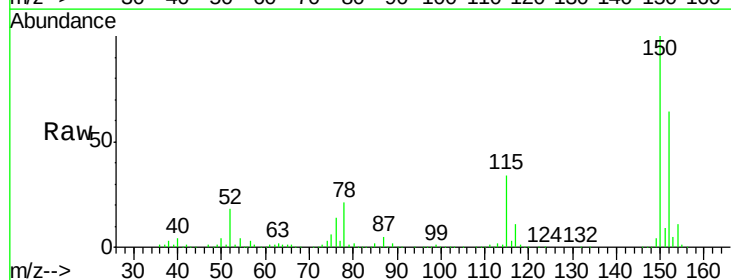


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001077.D
Acq: 24 Apr 2018 12:58

Tgt Ion:152 Resp: 163195
Ion Ratio Lower Upper
152 100
115 53.9 38.2 114.6
150 156.1 0.0 350.4



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

