

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003852.D
 Acq On : 03 Aug 2018 16:54
 Operator : JC/MD
 Sample : J4257-06
 Misc : 8.66g/5mL/100uL5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FK-BPM-03-001-C

Quant Time: Aug 03 17:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	73868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	111930	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	101304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	62172	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	43967	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
35) Dibromofluoromethane	5.51	113	37926	43.12	ug/l	0.00
Spiked Amount			Recovery	=	86.24%	
50) Toluene-d8	8.71	98	150518	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
62) 4-Bromofluorobenzene	11.14	95	55520	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

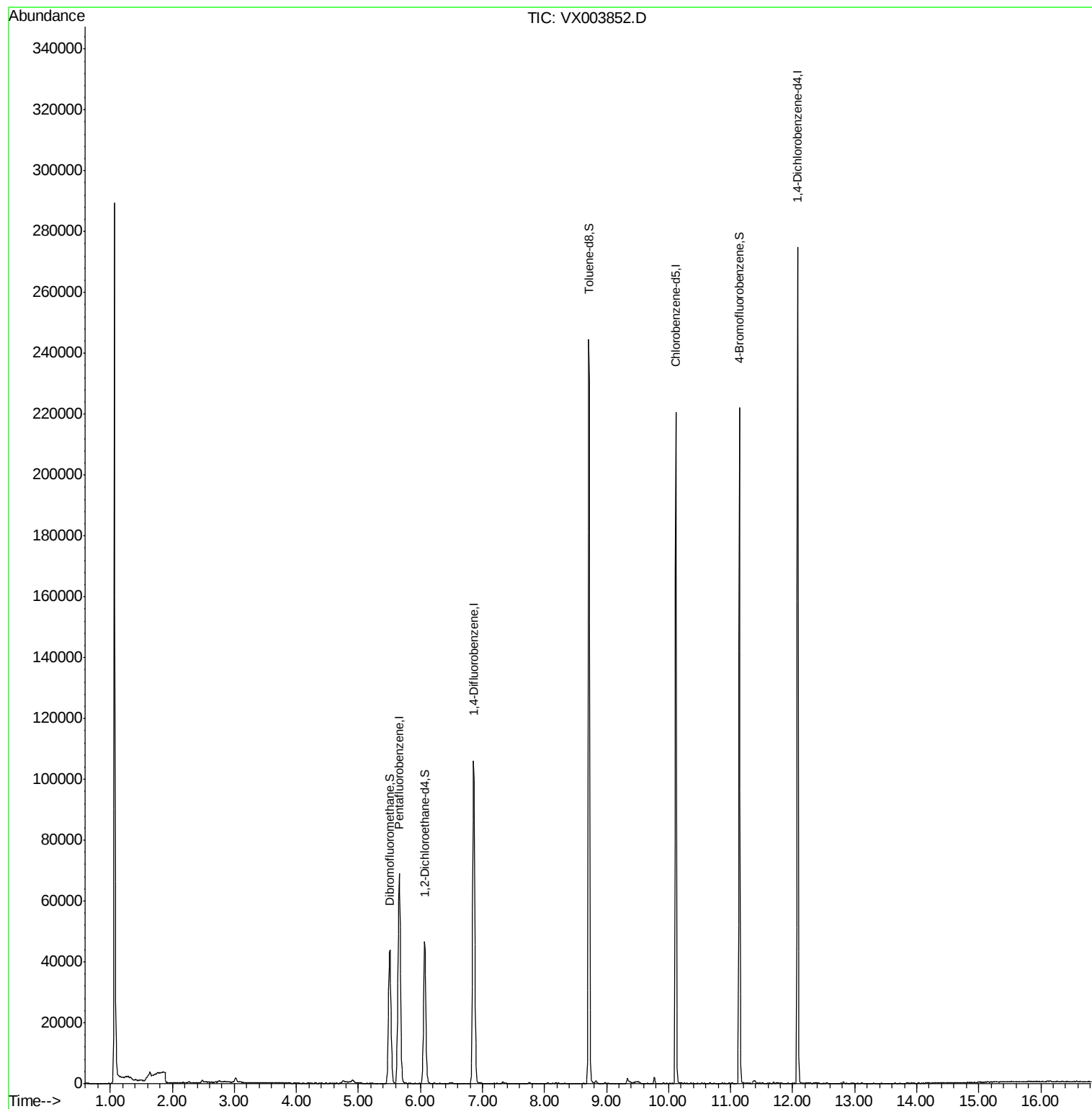
Target Compounds	Qvalue
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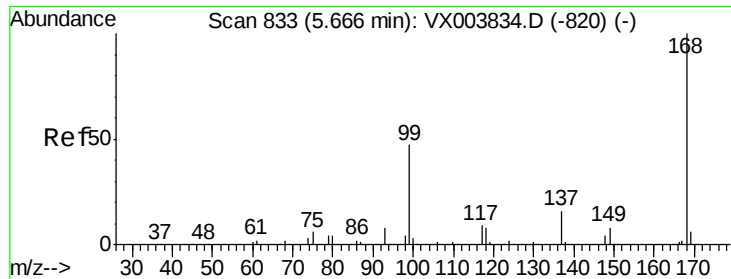
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003852.D

Acq: 03 Aug 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

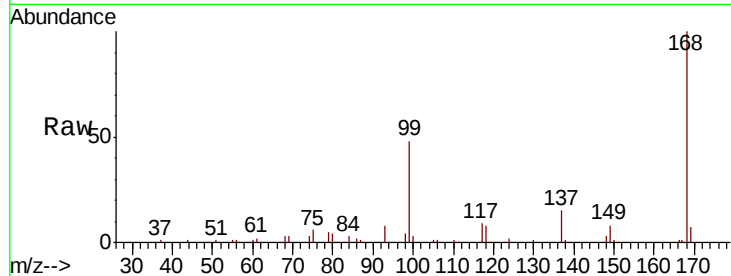
FK-BPM-03-001-C

Tot Ion:168 Resp: 73868

Ion Ratio Lower Upper

168 100

99 48.2 38.1 57.1

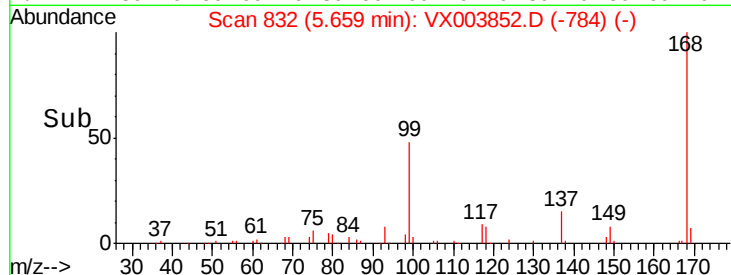


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



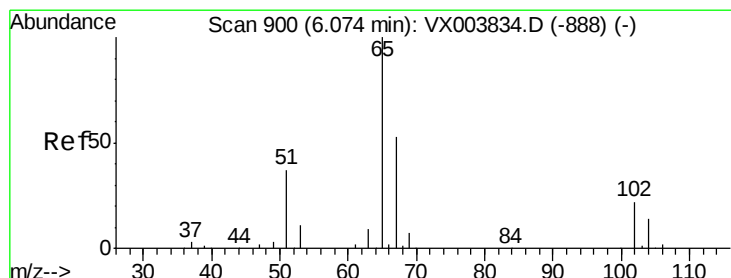
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.13 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003852.D

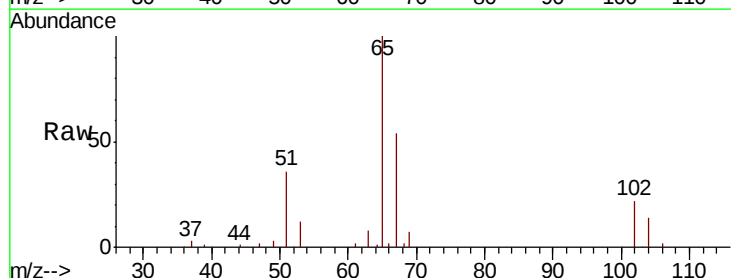
Acq: 03 Aug 2018 16:54

Tgt Ion: 65 Resp: 43967

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.2

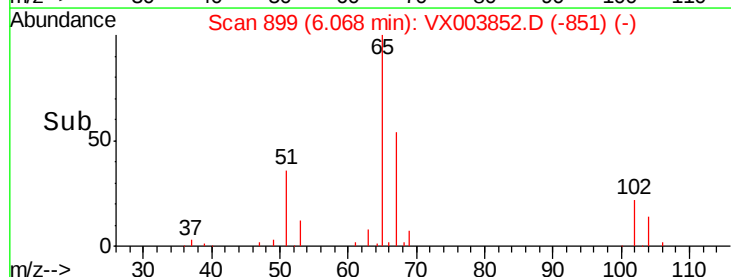


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

Time-->



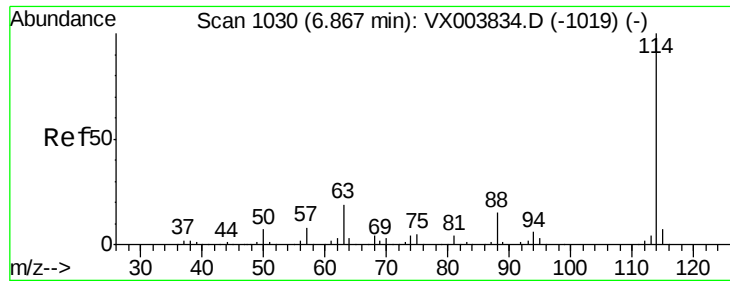
Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VX003852.D

Acq: 03 Aug 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-03-001-C

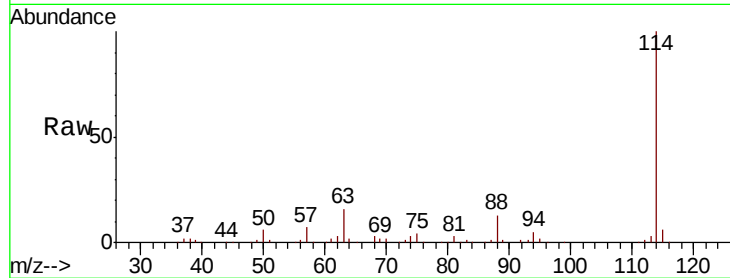
Tot Ion:114 Resp: 111930

Ion Ratio Lower Upper

114 100

63 16.1 0.0 38.2

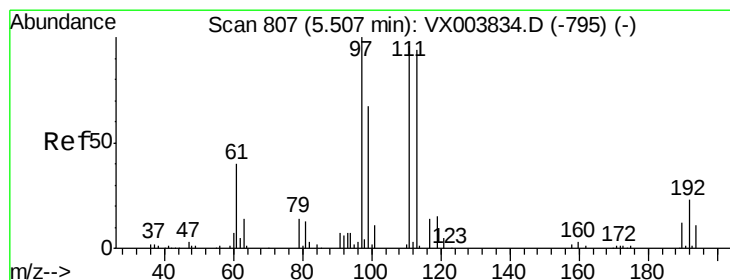
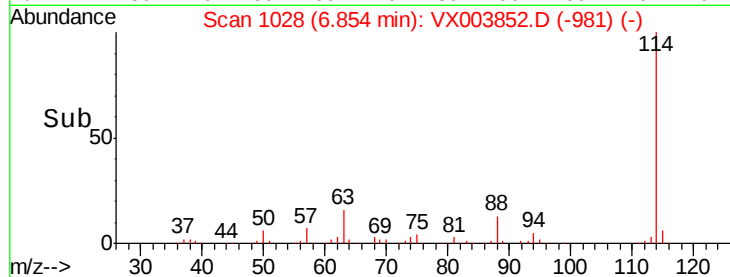
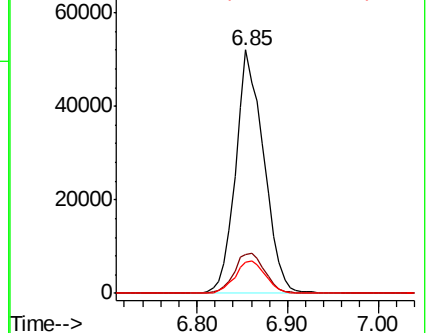
88 12.6 0.0 29.6



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: 43.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003852.D

Acq: 03 Aug 2018 16:54

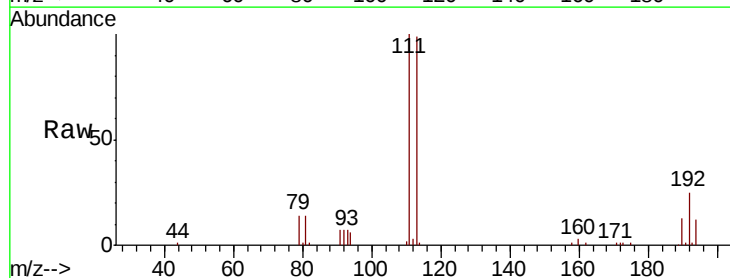
Tgt Ion:113 Resp: 37926

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

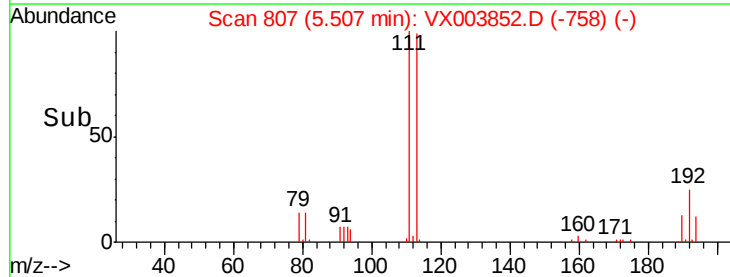
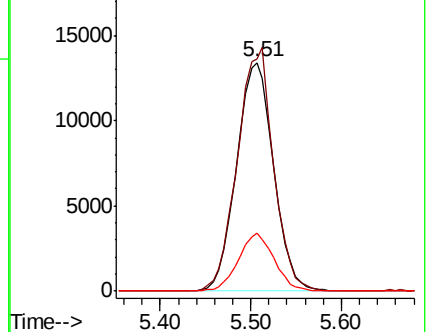
192 24.4 19.7 29.5

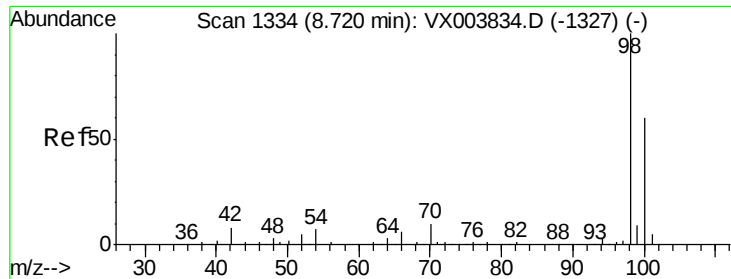


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.66 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003852.D

Acq: 03 Aug 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

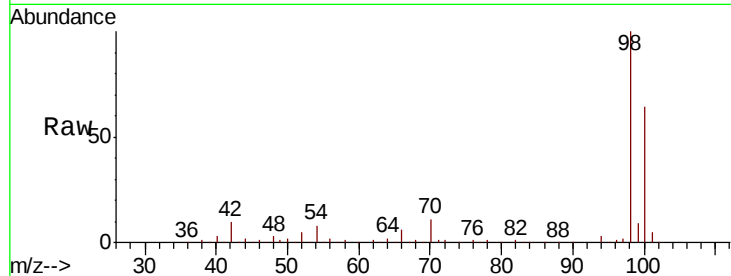
FK-BPM-03-001-C

Tot Ion: 98 Resp: 150518

Ion Ratio Lower Upper

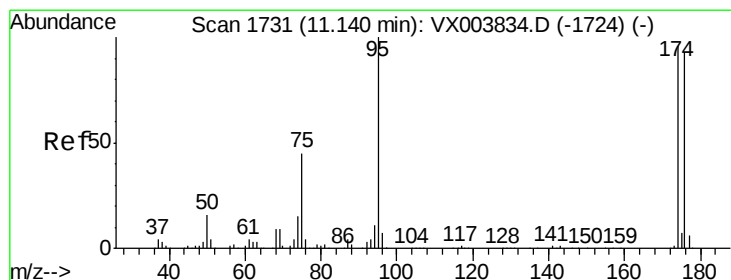
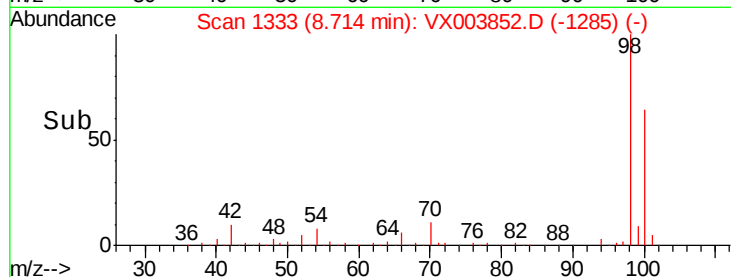
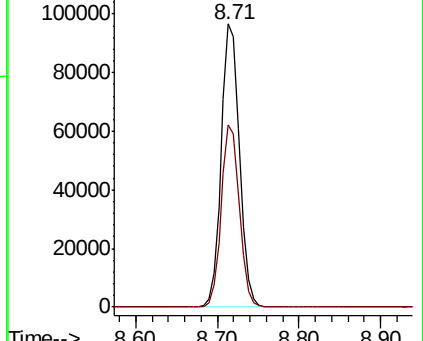
98 100

100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003852.D

Acq: 03 Aug 2018 16:54

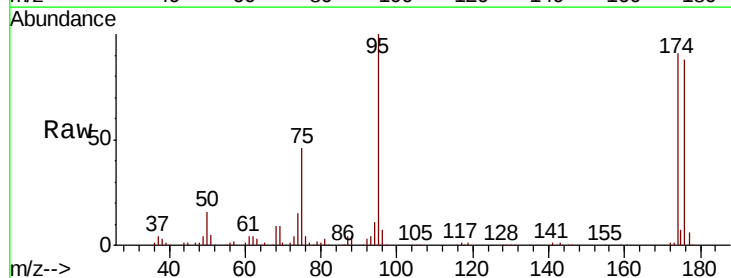
Tgt Ion: 95 Resp: 55520

Ion Ratio Lower Upper

95 100

174 95.9 0.0 192.2

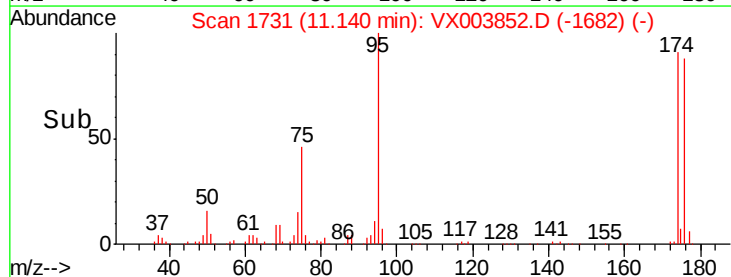
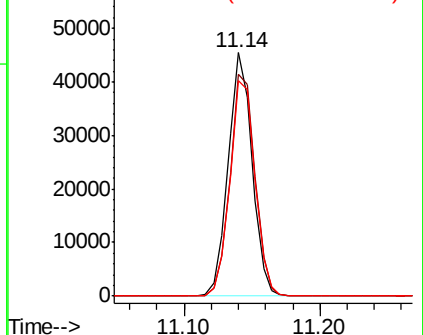
176 93.2 0.0 185.8

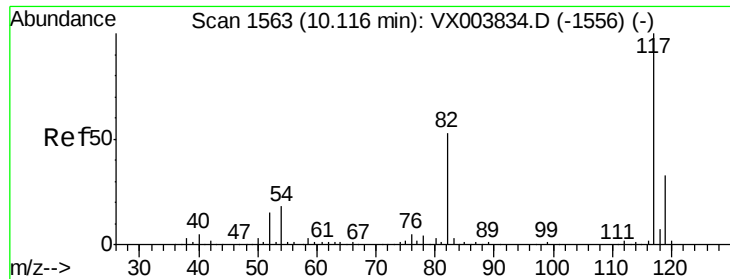


Abundance Ion 94.90 (94.60 to 95.60): VX0

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. -0.00 min

Lab File: VX003852.D

Acq: 03 Aug 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-03-001-C

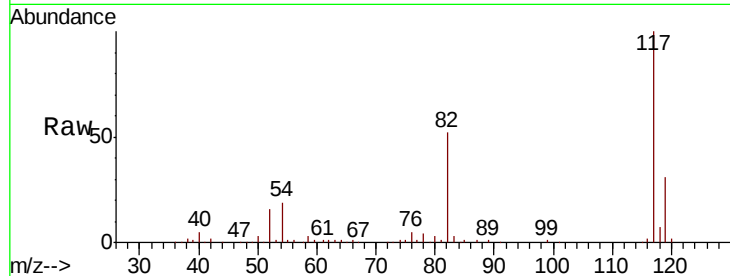
Tot Ion:117 Resp: 101304

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

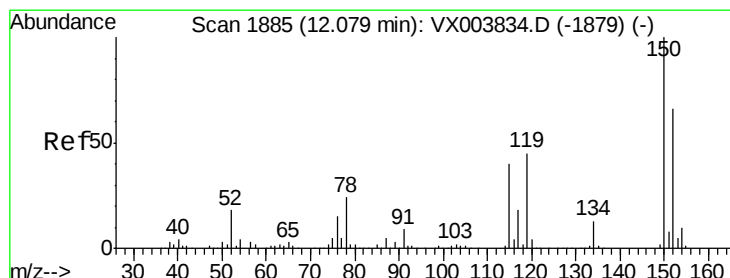
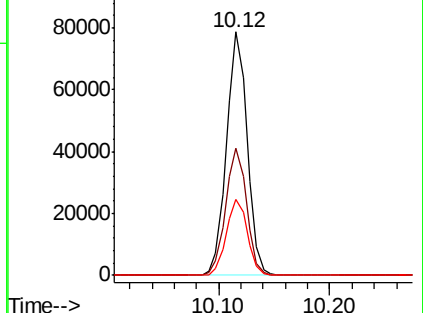
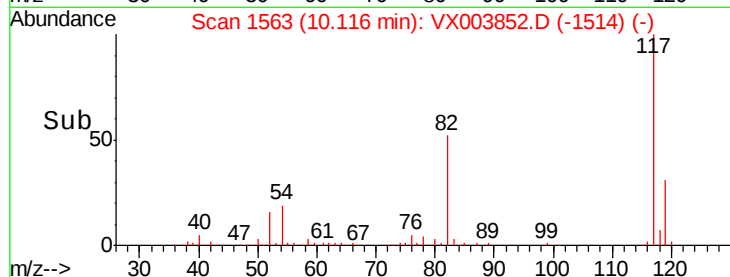
119 31.0 26.2 39.2



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: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003852.D

Acq: 03 Aug 2018 16:54

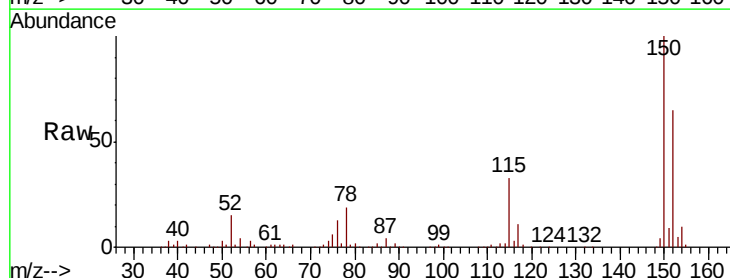
Tgt Ion:152 Resp: 62172

Ion Ratio Lower Upper

152 100

115 53.7 37.4 112.1

150 156.1 0.0 346.6



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

