

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003676.D
 Acq On : 26 Jul 2018 17:58
 Operator : JC/SP
 Sample : J4069-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LCTB03-180718

Quant Time: Jul 27 13:36:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	78310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	124212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	116560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60442	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	68162	58.76	ug/l	0.00
Spiked Amount						
			Recovery	=	117.52%	
35) Dibromofluoromethane	5.51	113	55194	54.36	ug/l	0.00
Spiked Amount						
			Recovery	=	108.72%	
50) Toluene-d8	8.72	98	201499	52.00	ug/l	0.00
Spiked Amount						
			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	66717	47.20	ug/l	0.00
Spiked Amount						
			Recovery	=	94.40%	

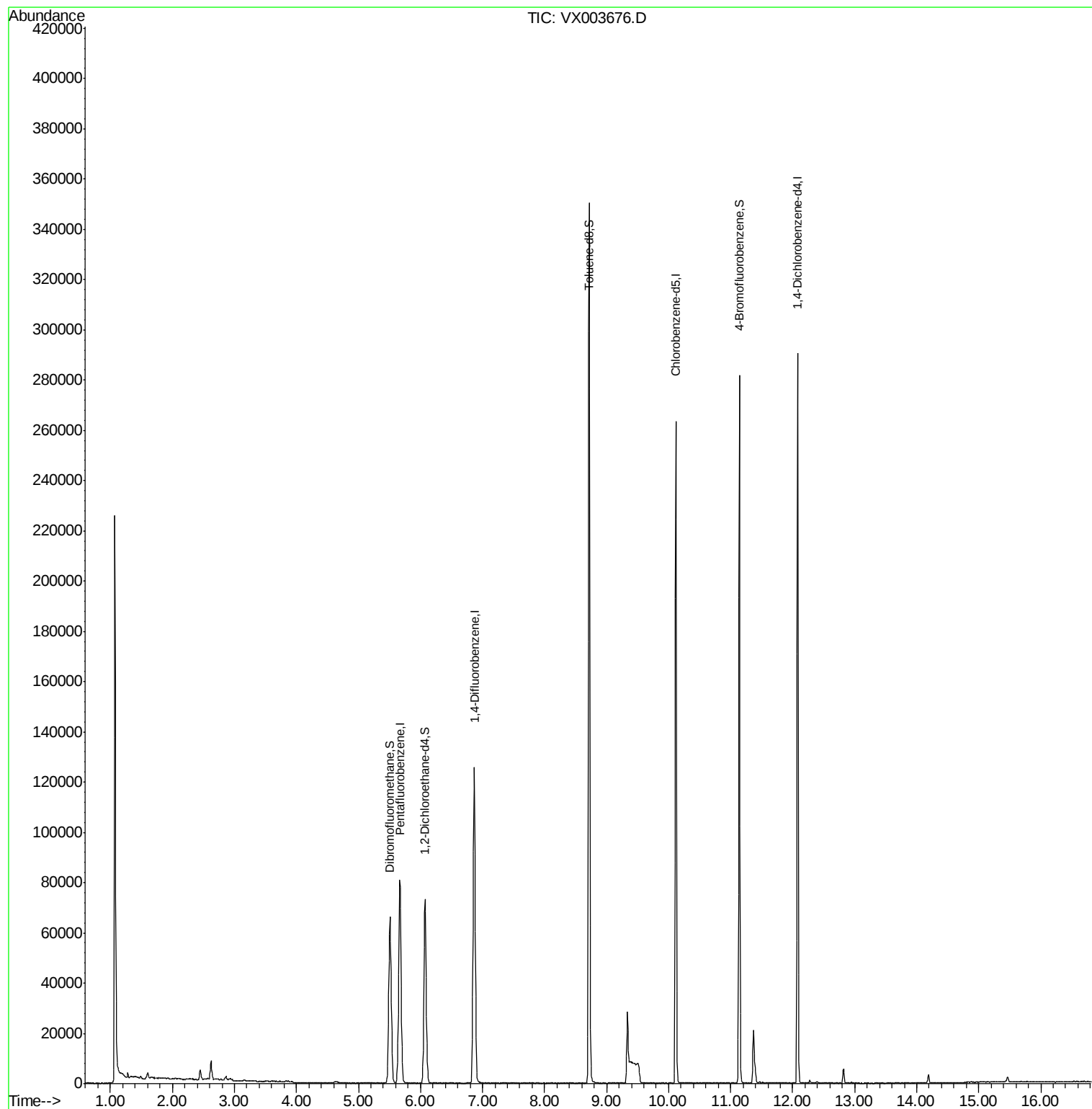
Target Compounds	Qvalue

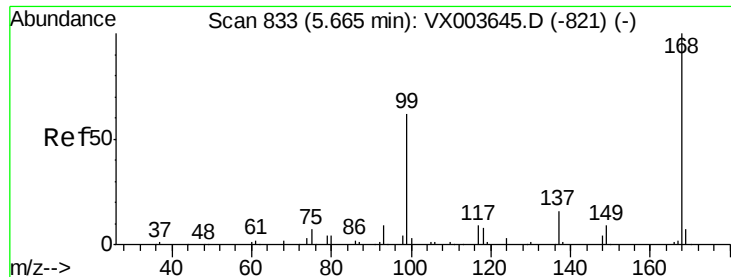
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003676.D

Acq: 26 Jul 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

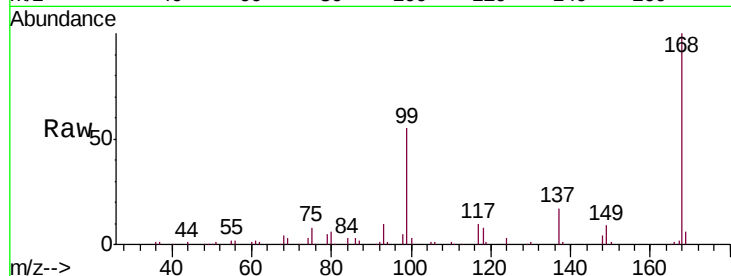
LCTB03-180718

Tot Ion:168 Resp: 78310

Ion Ratio Lower Upper

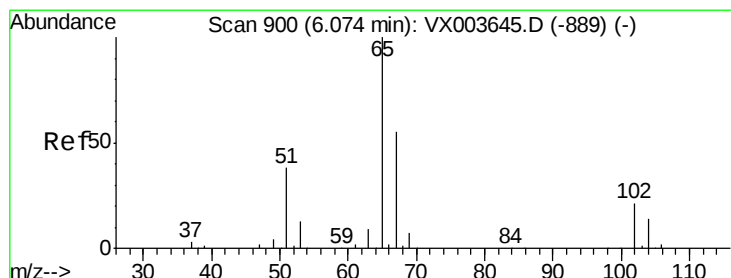
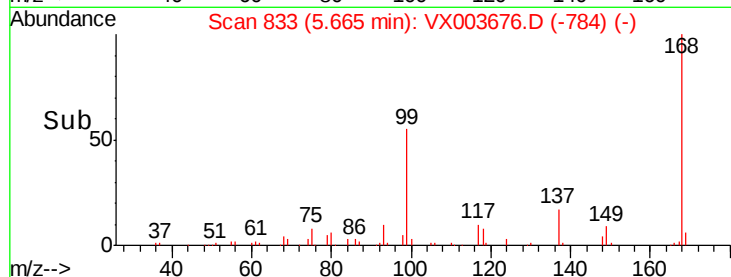
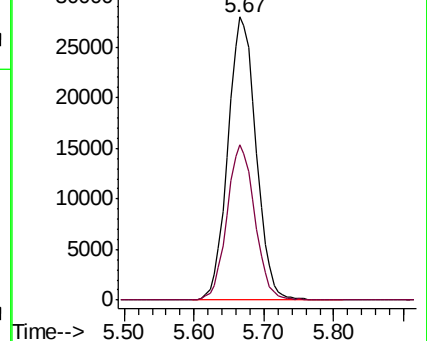
168 100

99 55.0 49.5 74.3



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: 58.76 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003676.D

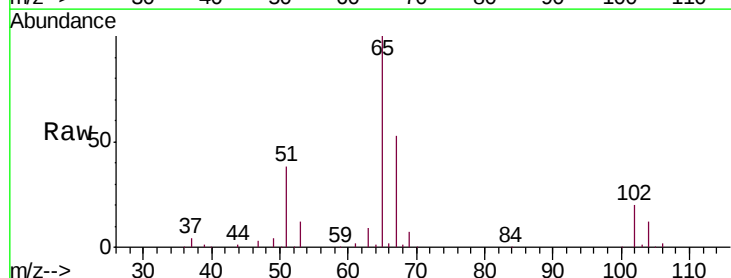
Acq: 26 Jul 2018 17:58

Tgt Ion: 65 Resp: 68162

Ion Ratio Lower Upper

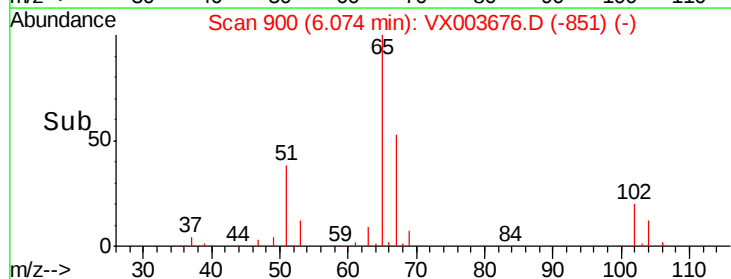
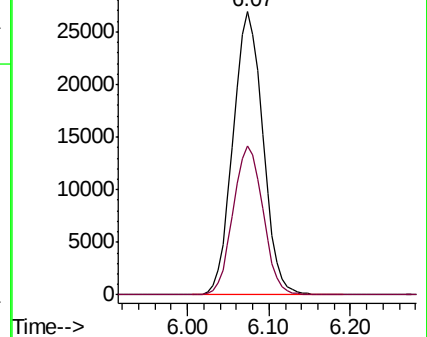
65 100

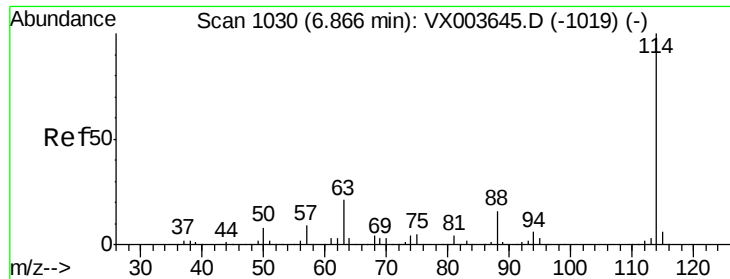
67 52.7 0.0 107.8



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: VX003676.D

Acq: 26 Jul 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
LCTB03-180718

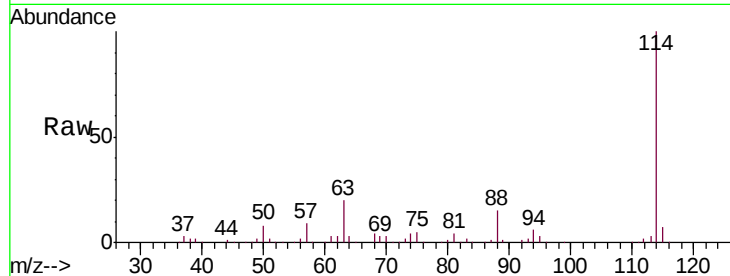
Tot Ion:114 Resp: 124212

Ion Ratio Lower Upper

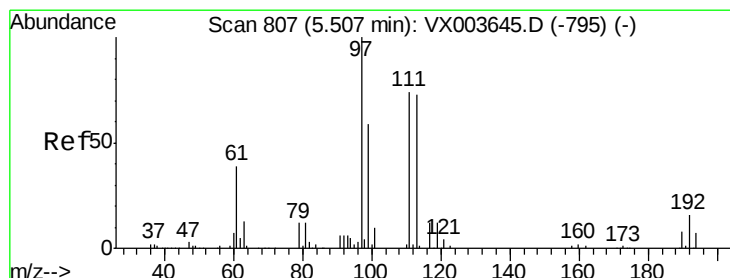
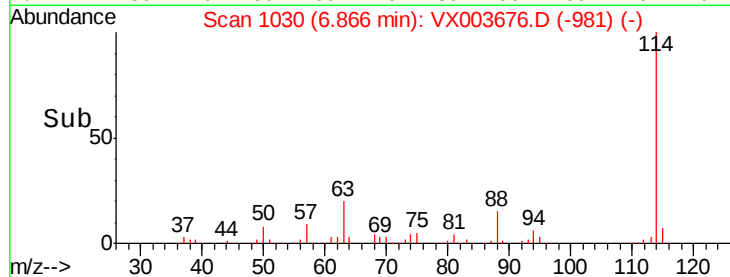
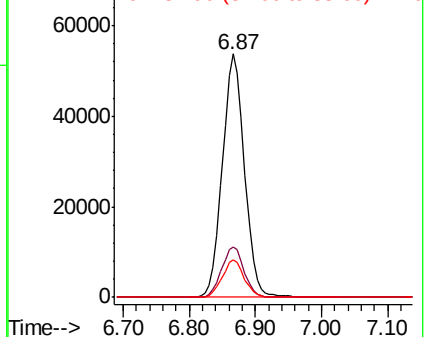
114 100

63 20.4 0.0 41.0

88 15.3 0.0 31.8



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: 54.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003676.D

Acq: 26 Jul 2018 17:58

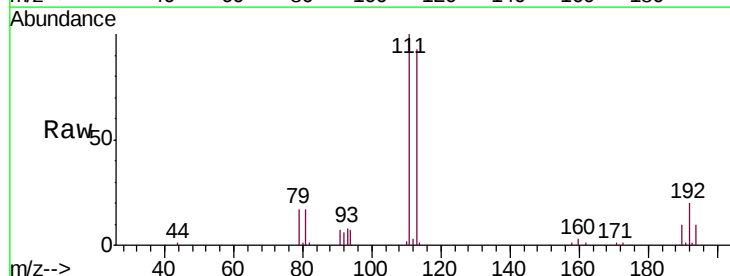
Tgt Ion:113 Resp: 55194

Ion Ratio Lower Upper

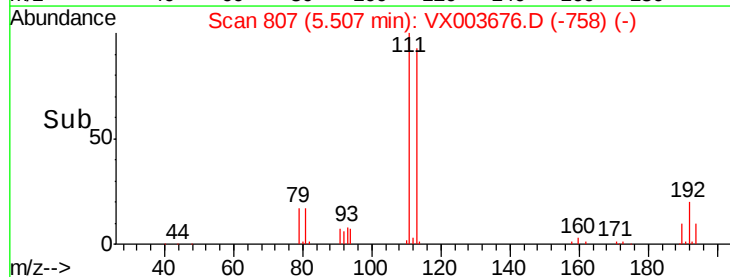
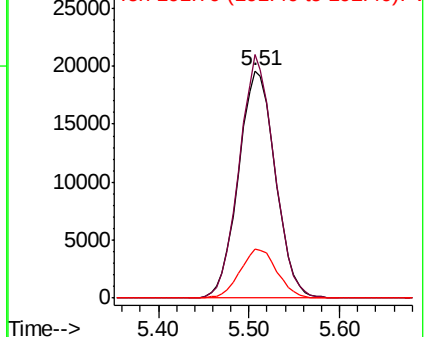
113 100

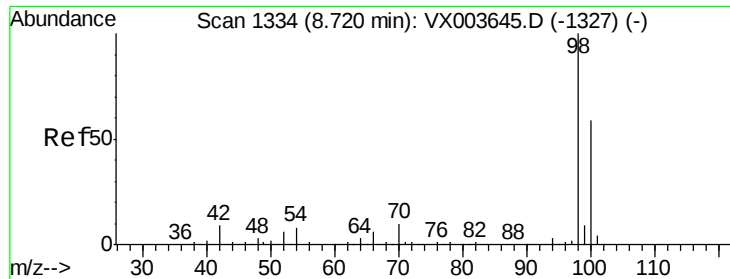
111 102.2 81.2 121.8

192 21.6 18.2 27.4



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: 52.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003676.D

Acq: 26 Jul 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

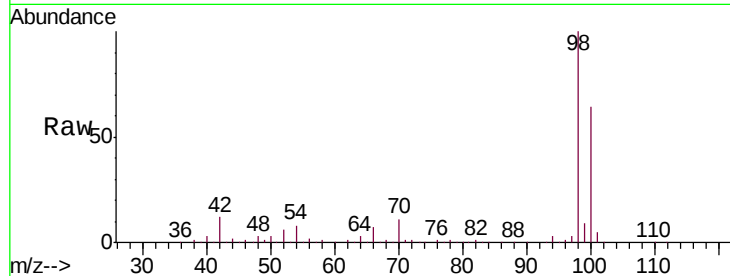
LCTB03-180718

Tot Ion: 98 Resp: 201499

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

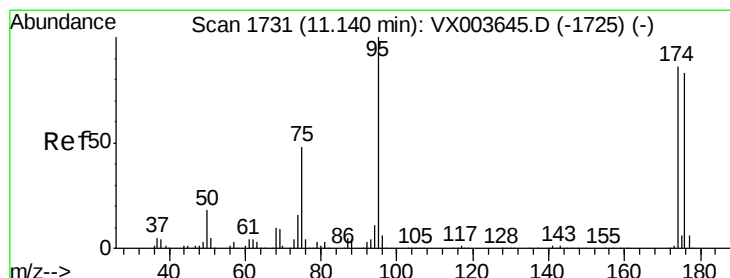
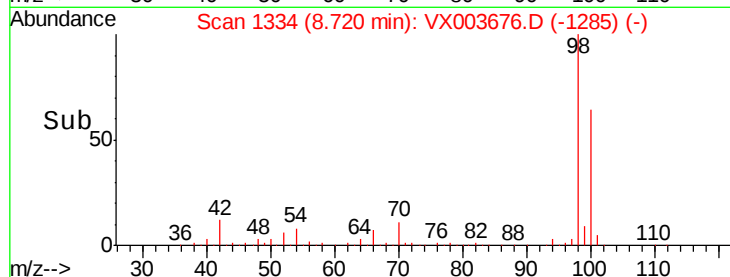
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 47.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003676.D

Acq: 26 Jul 2018 17:58

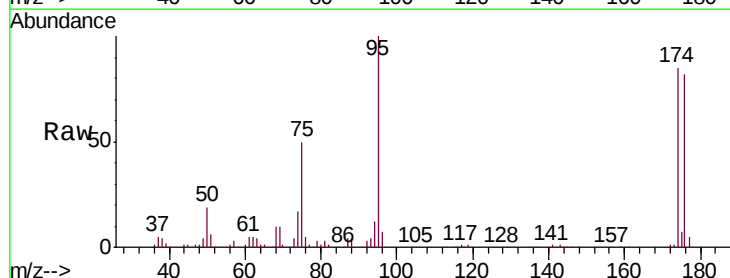
Tgt Ion: 95 Resp: 66717

Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.0

176 86.1 0.0 173.0



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

11.14

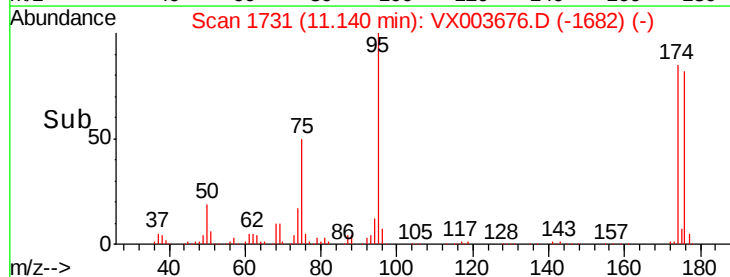
60000

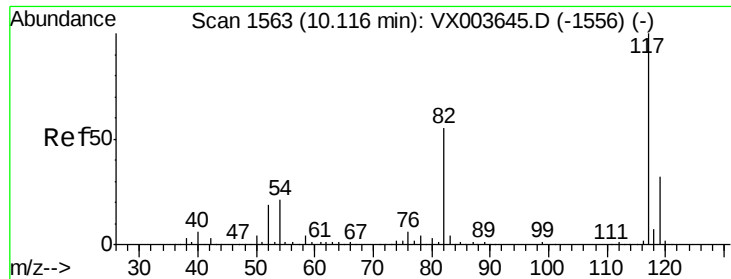
40000

20000

0

Time--> 11.10 11.20

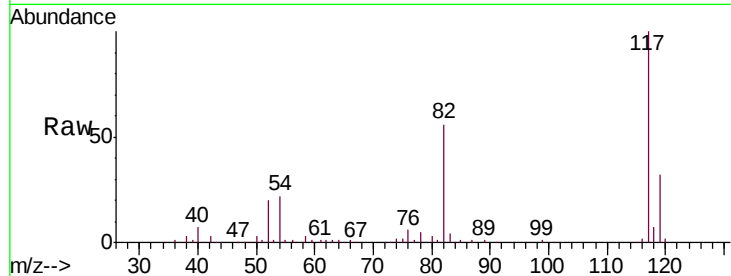




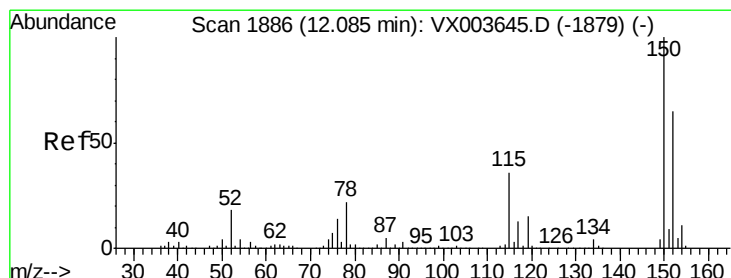
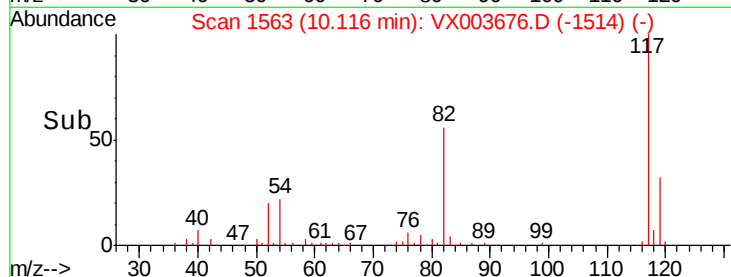
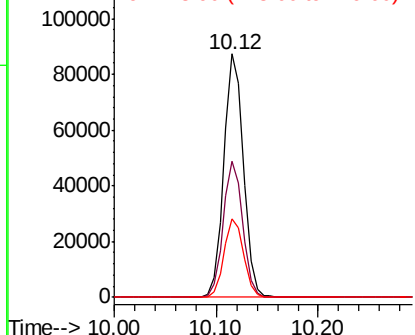
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003676.D
Acq: 26 Jul 2018 17:58

Instrument :
MSVOA_X
ClientSampleId :
LCTB03-180718

Tot Ion:117 Resp: 116560
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.3 25.6 38.4

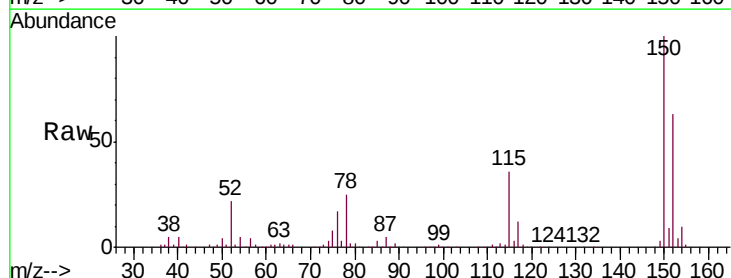


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003676.D
Acq: 26 Jul 2018 17:58

Tgt Ion:152 Resp: 60442
Ion Ratio Lower Upper
152 100
115 55.8 40.0 119.9
150 157.8 0.0 348.4



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

