

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004078.D
 Acq On : 15 Aug 2018 17:48
 Operator : JC/MD
 Sample : J4428-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-0038

Quant Time: Aug 16 16:53:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194203	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	5.51	113	161110	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	8.72	98	578646	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.14	95	197107	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	

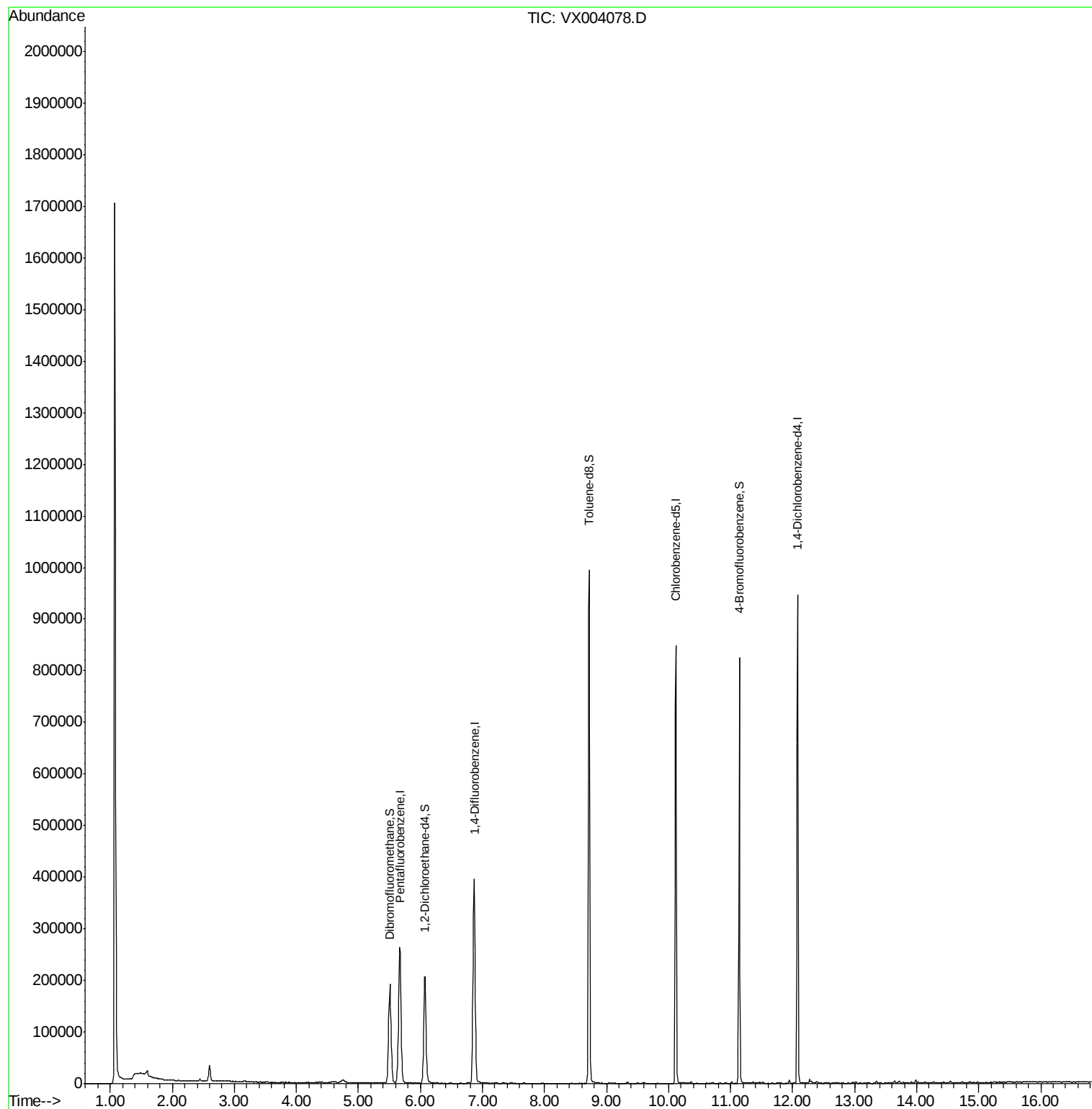
Target Compounds	Qvalue

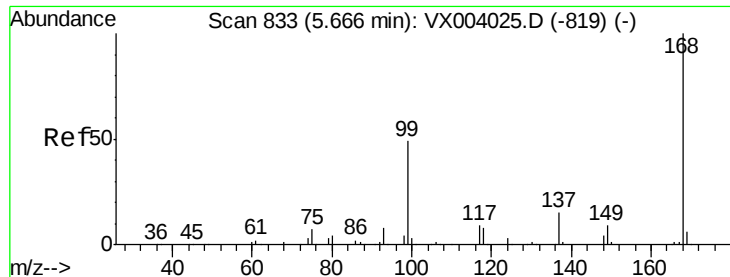
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004078.D

Acq: 15 Aug 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

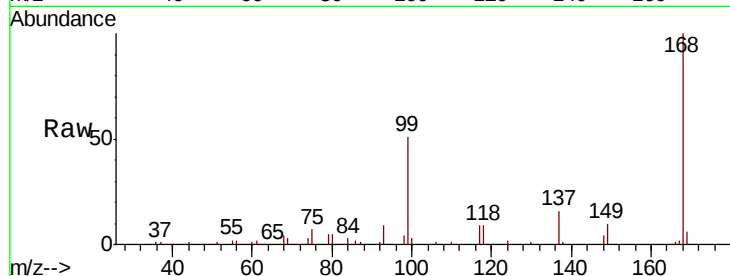
LF1-0038

Tot Ion:168 Resp: 266310

Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

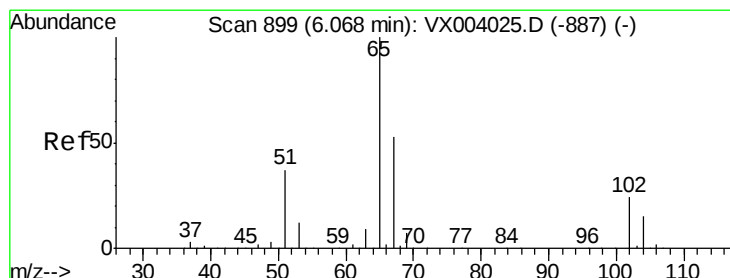
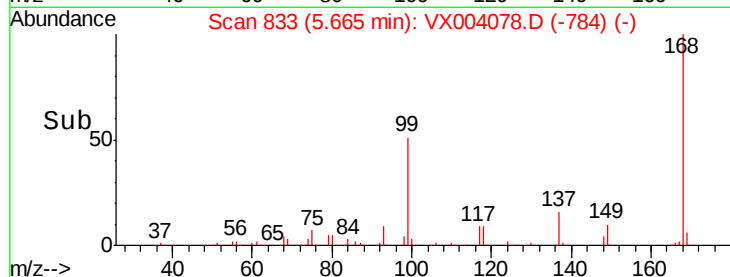
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.76 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX004078.D

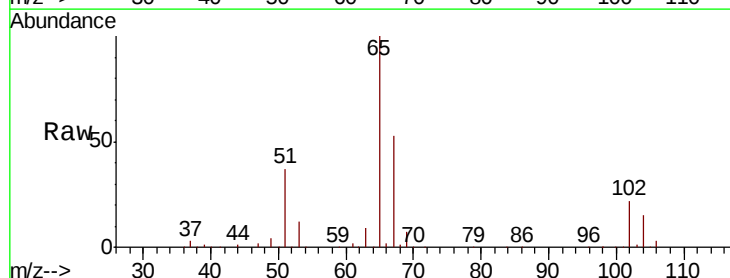
Acq: 15 Aug 2018 17:48

Tgt Ion: 65 Resp: 194203

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

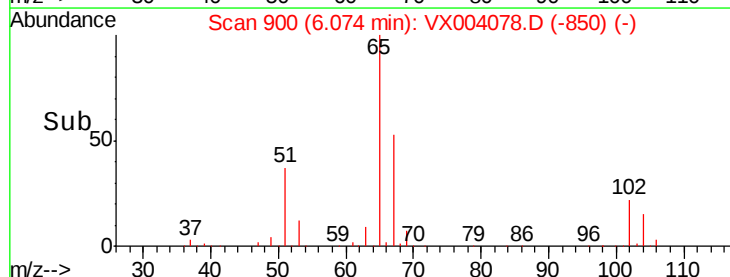
60000

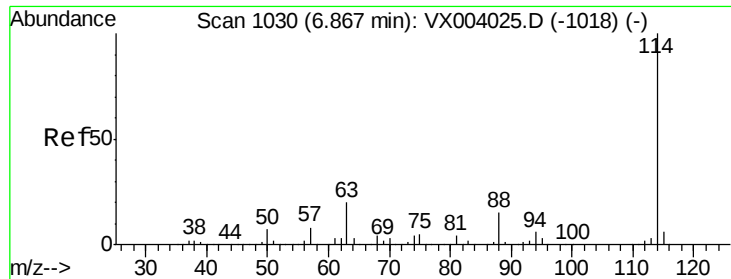
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004078.D

Acq: 15 Aug 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

LF1-0038

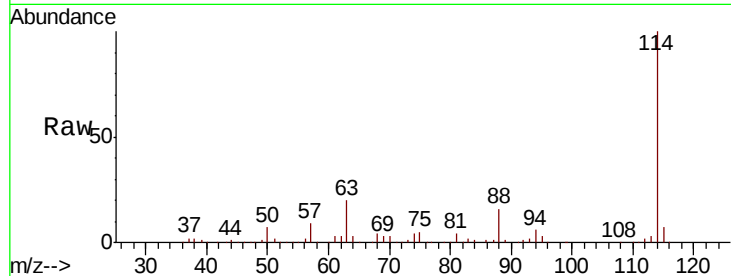
Tot Ion:114 Resp: 404760

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

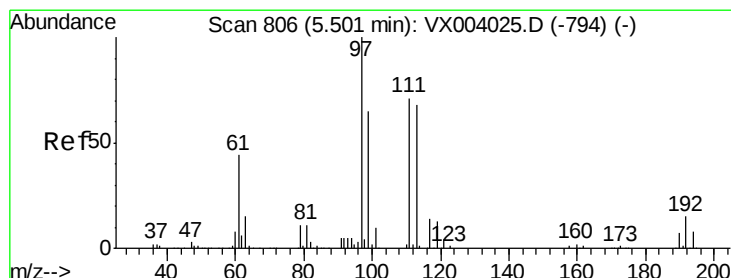
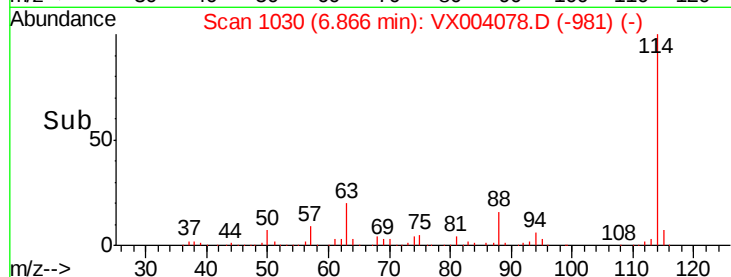
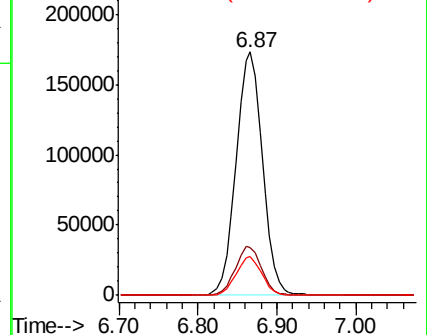
88 15.7 0.0 32.0



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: 53.18 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004078.D

Acq: 15 Aug 2018 17:48

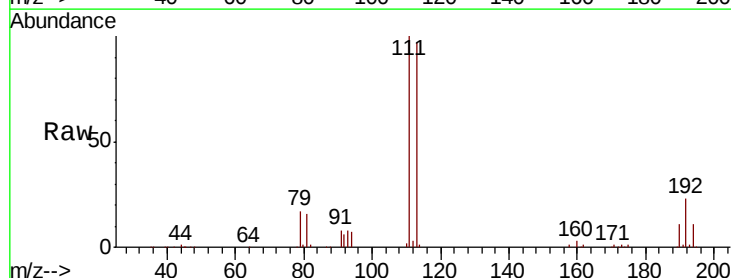
Tgt Ion:113 Resp: 161110

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

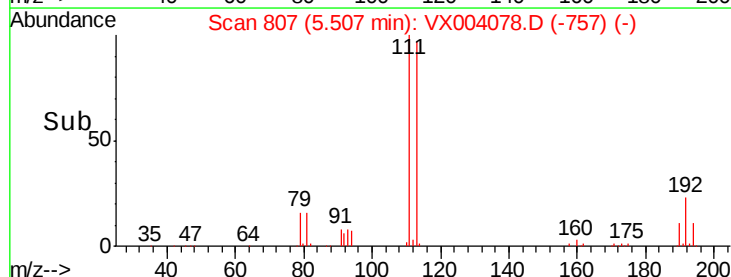
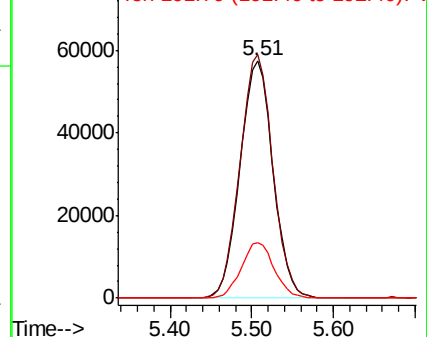
192 23.2 19.0 28.4

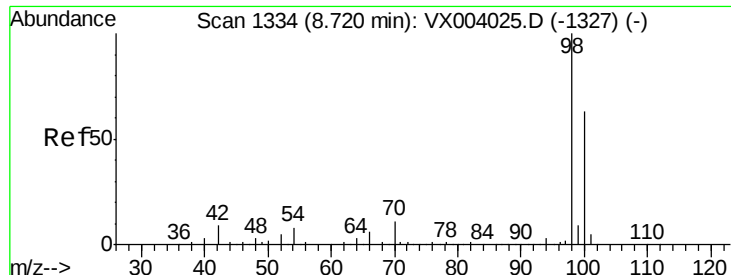


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004078.D

Acq: 15 Aug 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

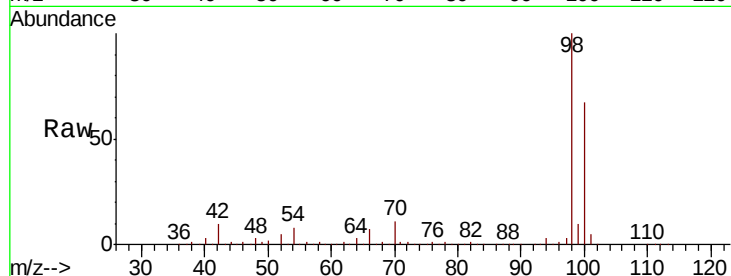
LF1-0038

Tot Ion: 98 Resp: 578646

Ion Ratio Lower Upper

98 100

100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

300000

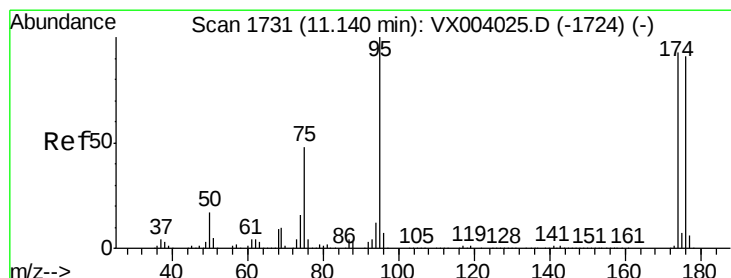
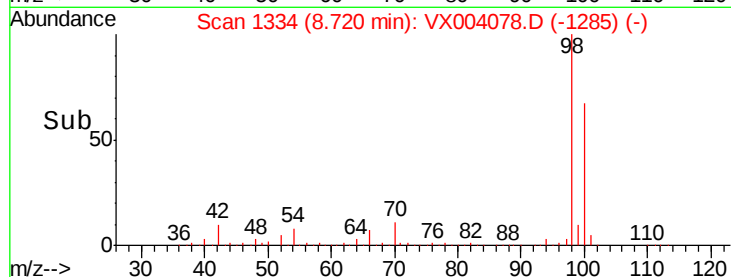
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004078.D

Acq: 15 Aug 2018 17:48

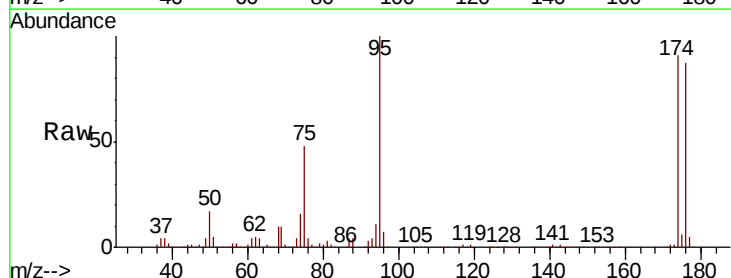
Tgt Ion: 95 Resp: 197107

Ion Ratio Lower Upper

95 100

174 91.3 0.0 182.8

176 87.8 0.0 179.0



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

200000

150000

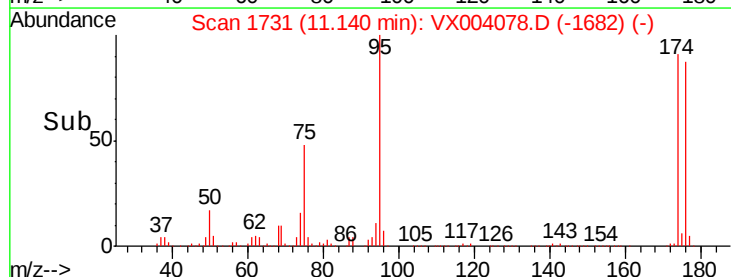
100000

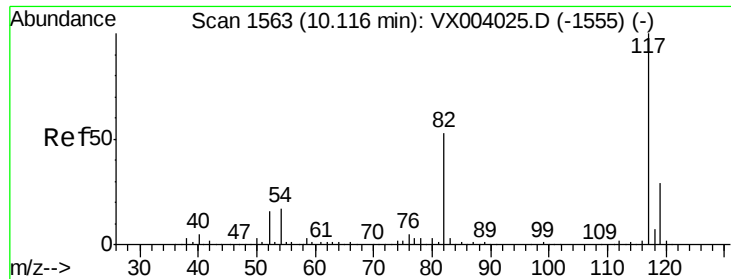
50000

0

11.10 11.20

Time-->

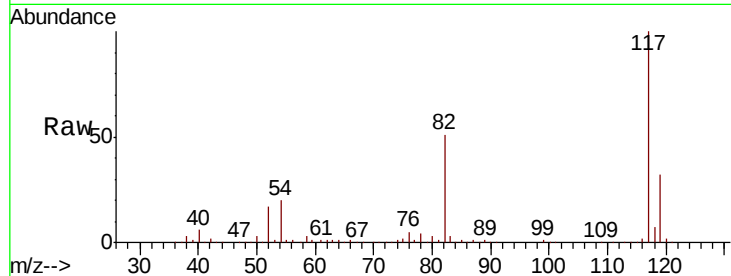




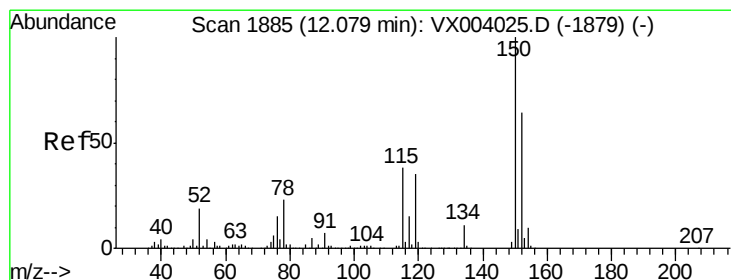
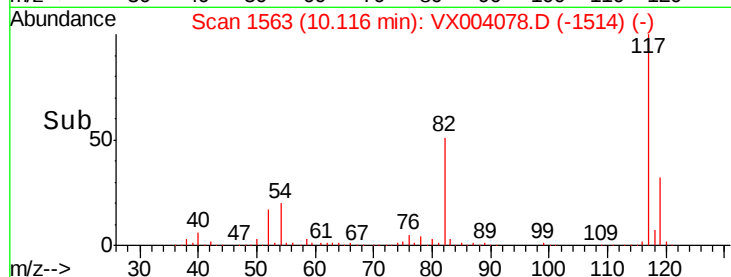
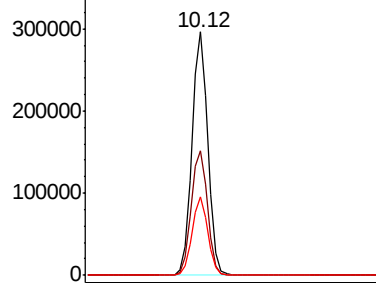
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004078.D
Acq: 15 Aug 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
LF1-0038

Tot Ion:117 Resp: 386025
Ion Ratio Lower Upper
117 100
82 51.0 45.4 68.0
119 32.1 26.6 40.0

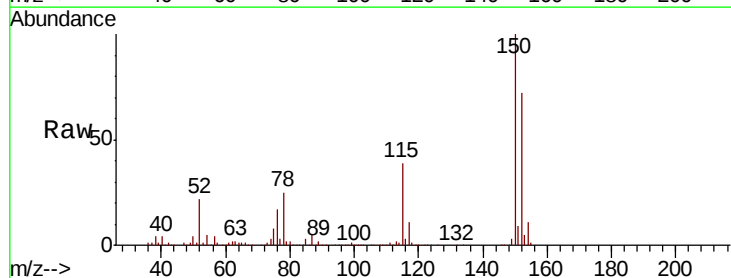


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004078.D
Acq: 15 Aug 2018 17:48

Tgt Ion:152 Resp: 197639
Ion Ratio Lower Upper
152 100
115 55.4 39.1 117.3
150 150.6 0.0 349.2



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

