

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003578.D
 Acq On : 22 Jul 2018 02:49
 Operator : JC/SP
 Sample : J4028-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC051-W-180716

Quant Time: Jul 23 09:40:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	284310	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	423282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217976	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	185003	54.97	ug/l	0.00
Spiked Amount			Recovery	=	109.94%	
35) Dibromofluoromethane	5.51	113	166431	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
50) Toluene-d8	8.72	98	596889	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.14	95	203153	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	

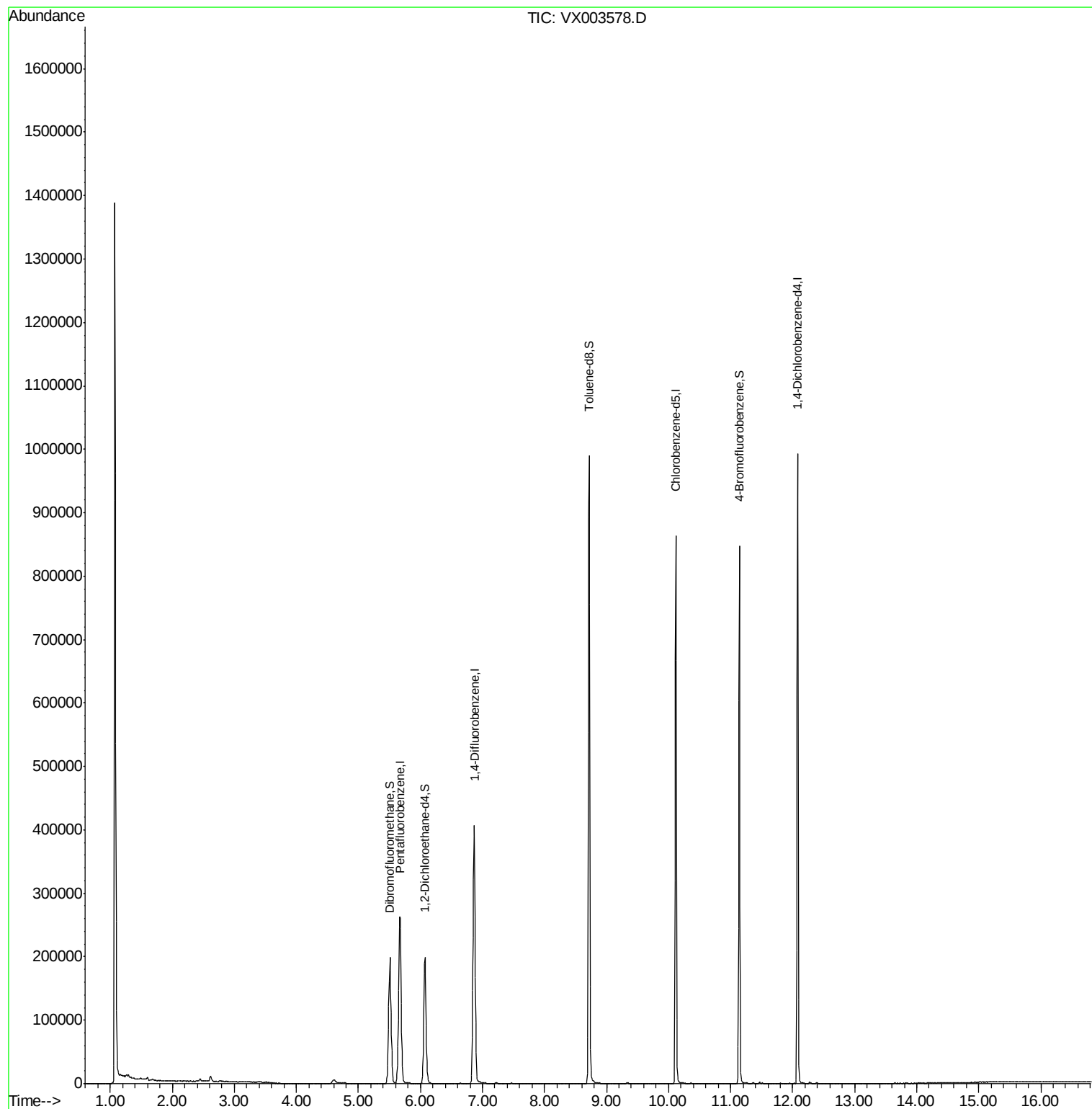
Target Compounds	Qvalue
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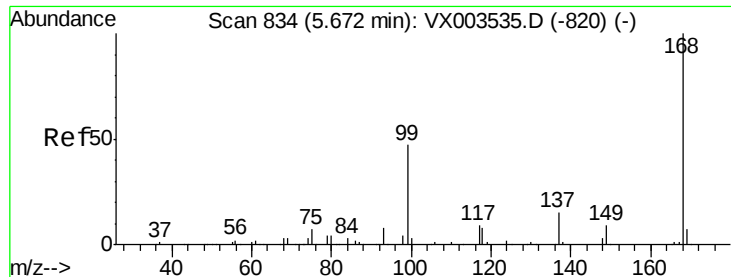
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX003578.D

Acq: 22 Jul 2018 02:49

Instrument :

MSVOA_X

ClientSampleId :

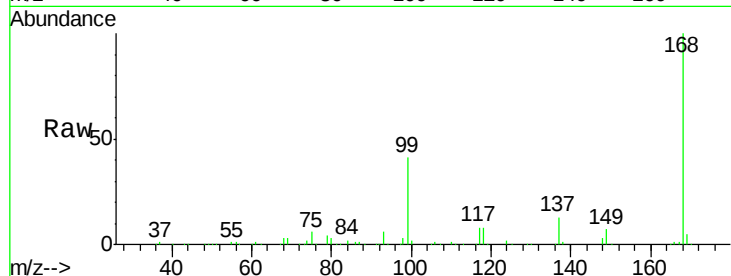
KY030LC051-W-180716

Tot Ion:168 Resp: 284310

Ion Ratio Lower Upper

168 100

99 41.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

100000

80000

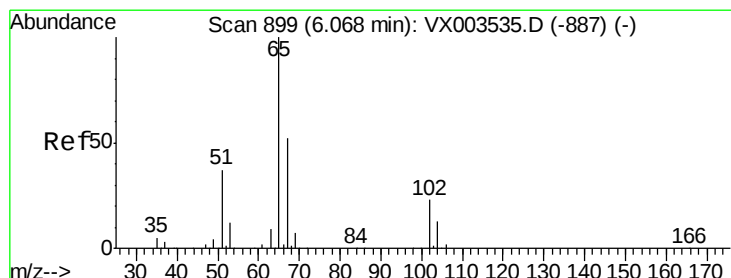
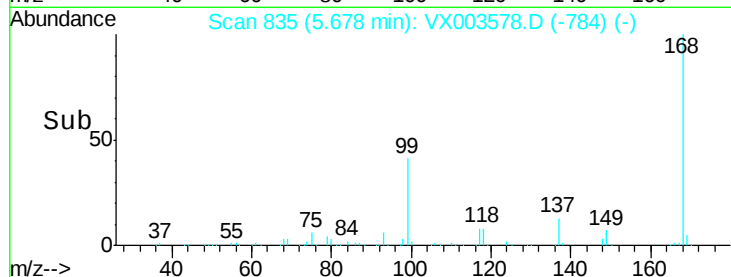
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003578.D

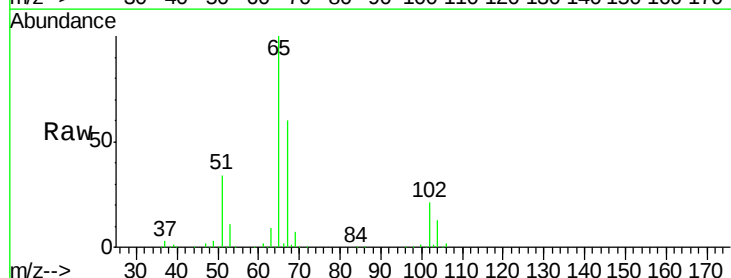
Acq: 22 Jul 2018 02:49

Tgt Ion: 65 Resp: 185003

Ion Ratio Lower Upper

65 100

67 54.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

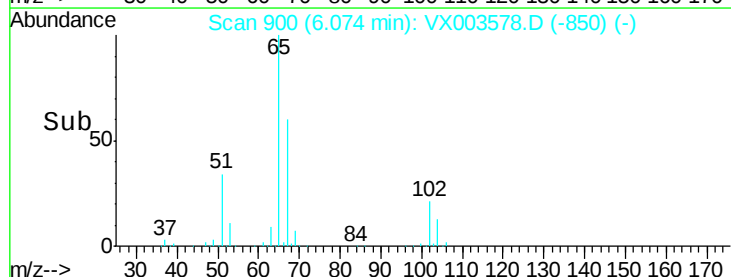
60000

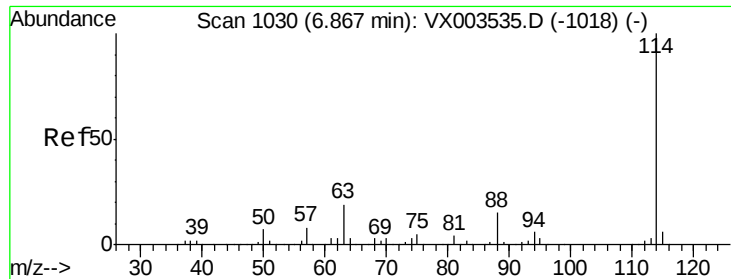
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

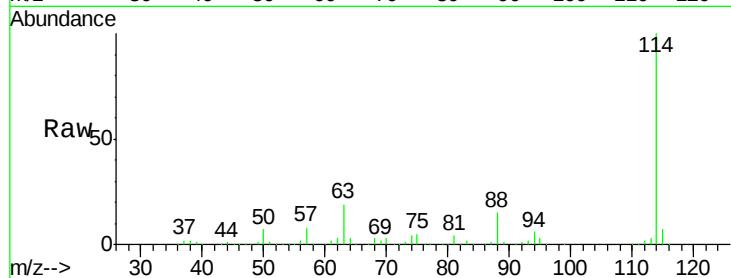




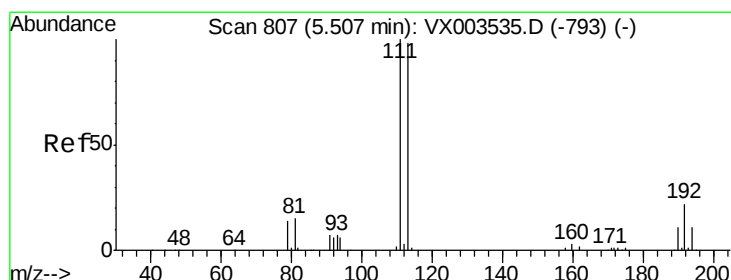
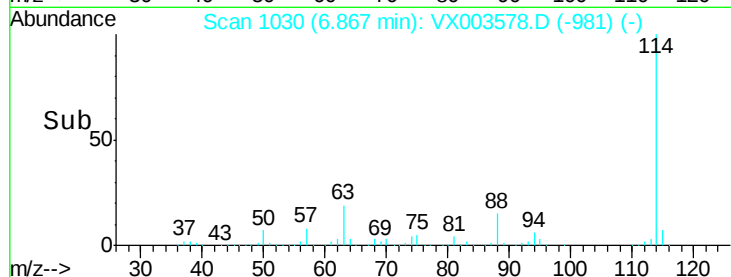
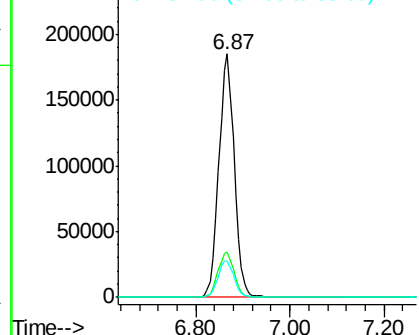
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003578.D
 Acq: 22 Jul 2018 02:49

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC051-W-180716

Tot Ion:114 Resp: 423282
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.4
 88 14.7 0.0 30.0

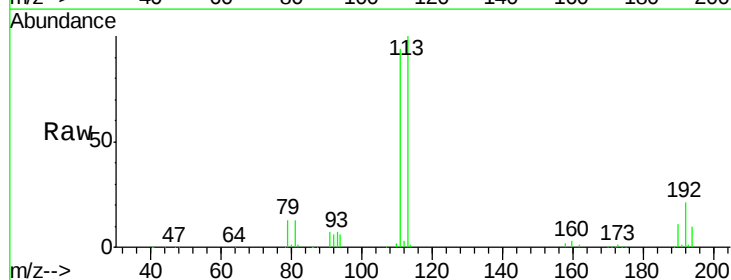


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

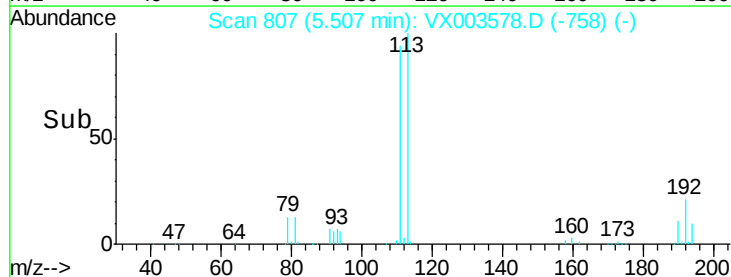
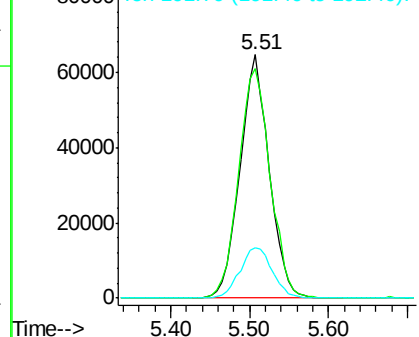


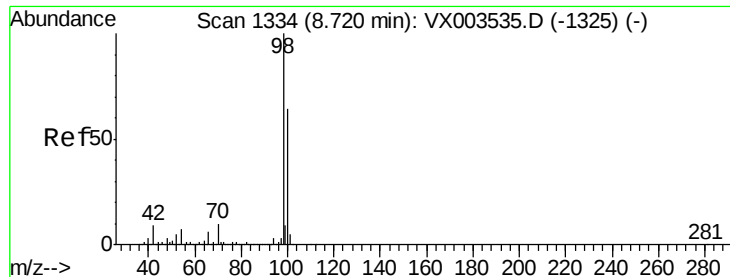
#35
 Dibromofluoromethane
 Concen: 51.62 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003578.D
 Acq: 22 Jul 2018 02:49

Tgt Ion:113 Resp: 166431
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.0 19.1 28.7



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: 49.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003578.D

Acq: 22 Jul 2018 02:49

Instrument :

MSVOA_X

ClientSampleId :

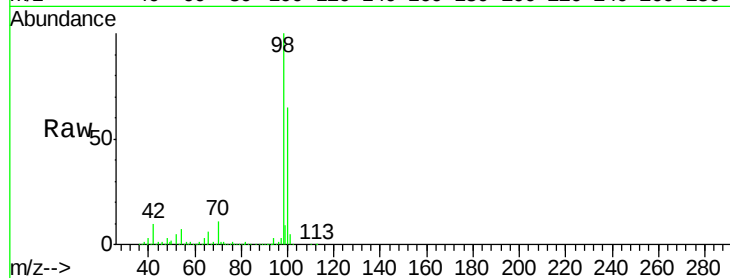
KY030LC051-W-180716

Tot Ion: 98 Resp: 596889

Ion Ratio Lower Upper

98 100

100 64.3 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

400000

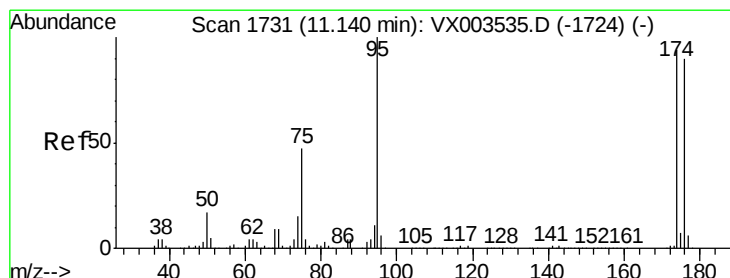
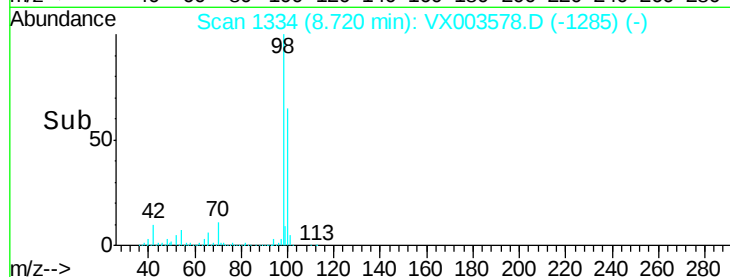
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003578.D

Acq: 22 Jul 2018 02:49

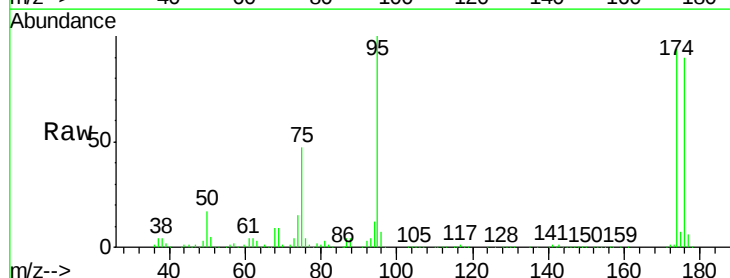
Tgt Ion: 95 Resp: 203153

Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

176 92.3 0.0 181.0



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

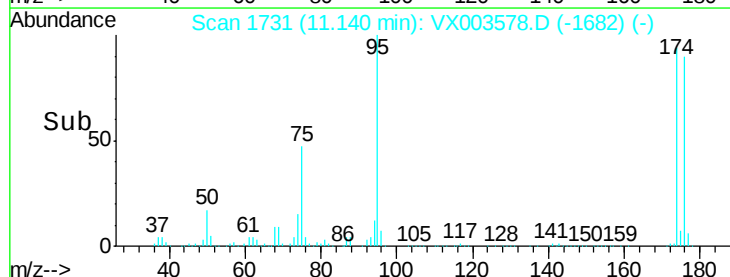
150000

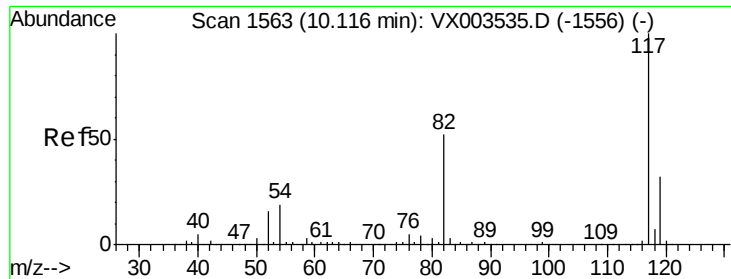
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

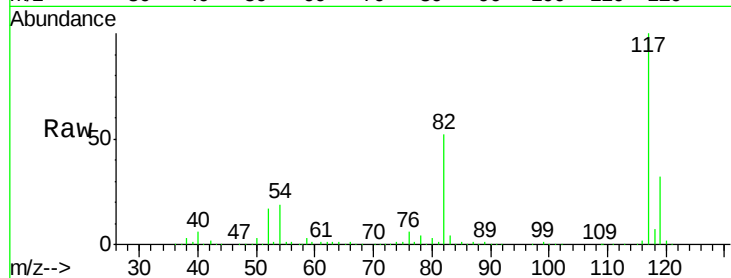




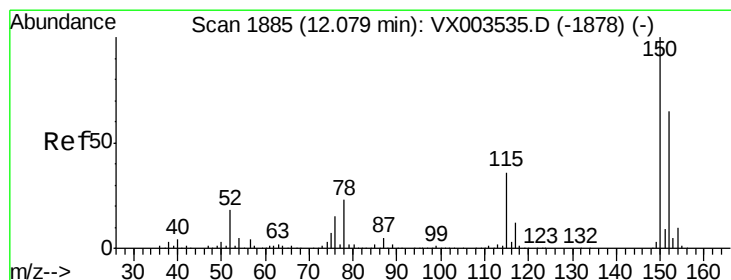
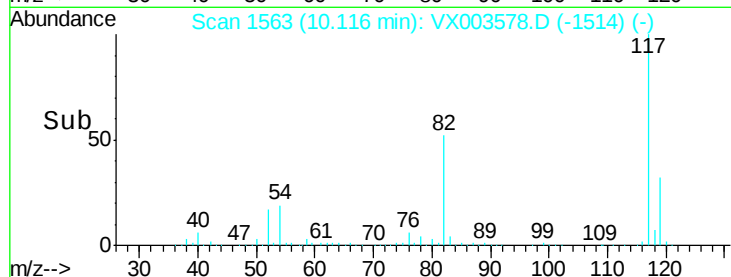
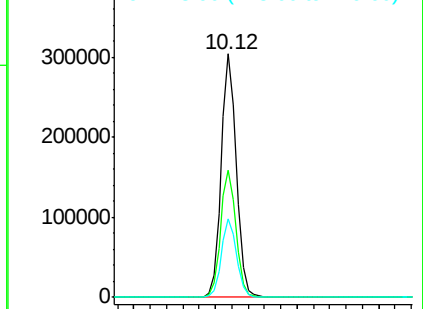
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003578.D
Acq: 22 Jul 2018 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY030LC051-W-180716

Tot Ion:117 Resp: 396505
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.1 25.8 38.6

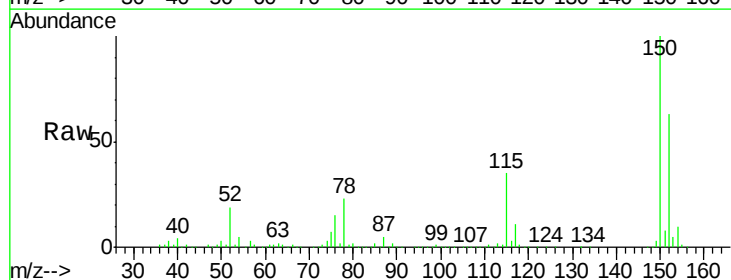


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003578.D
Acq: 22 Jul 2018 02:49

Tgt Ion:152 Resp: 217976
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 156.5 0.0 347.2



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

