

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001421.D
 Acq On : 05 May 2018 16:34
 Operator : JC/MD
 Sample : PB108891TB 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108891TB 5X

Quant Time: May 06 08:08:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173927	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168019	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	5.51	113	129186	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	
50) Toluene-d8	8.72	98	473659	41.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.26%	
62) 4-Bromofluorobenzene	11.14	95	160481	36.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.60%	

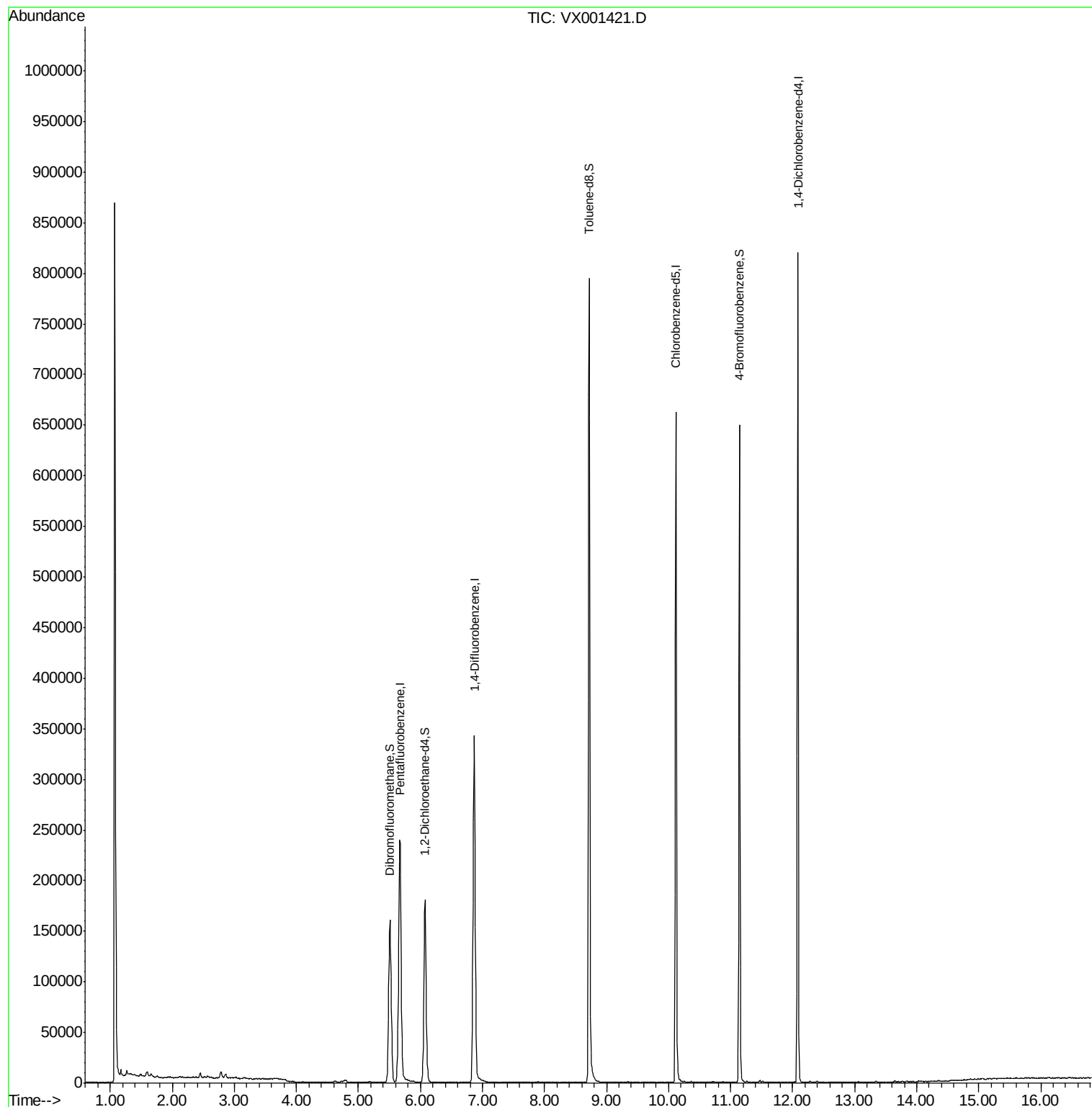
Target Compounds	Qvalue
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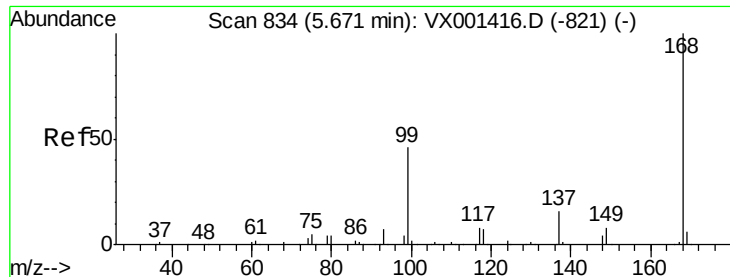
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001421.D

Acq: 05 May 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

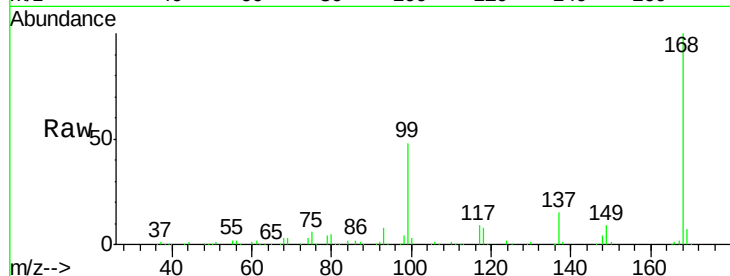
PB108891TB 5X

Tot Ion:168 Resp: 255009

Ion Ratio Lower Upper

168 100

99 48.0 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

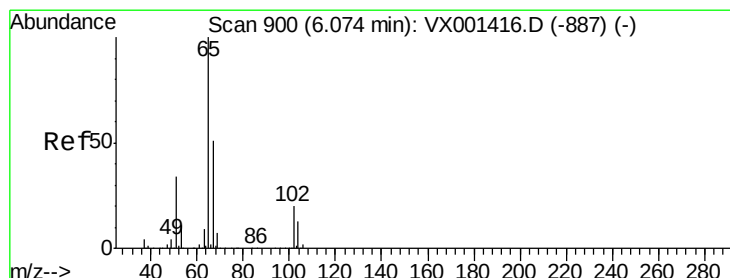
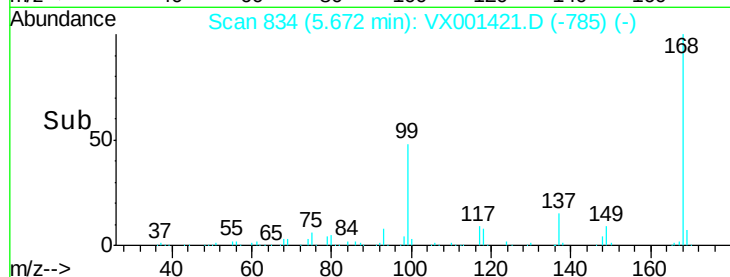
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.841 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001421.D

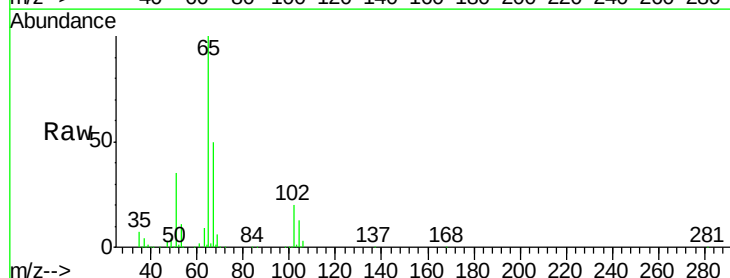
Acq: 05 May 2018 16:34

Tgt Ion: 65 Resp: 168019

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

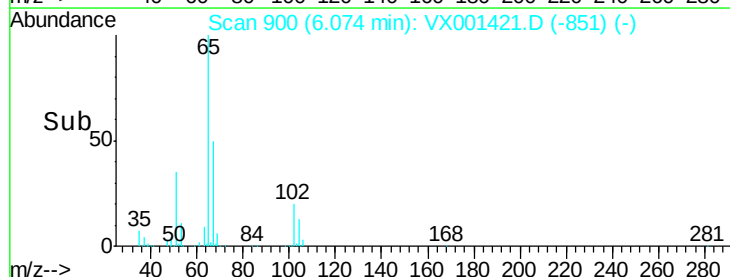
60000

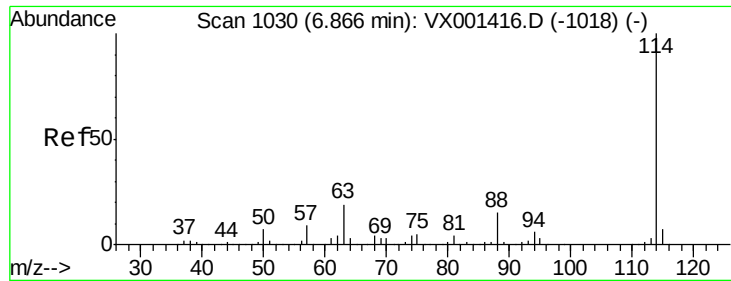
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

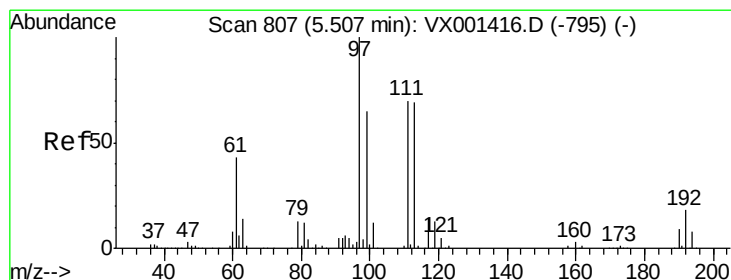
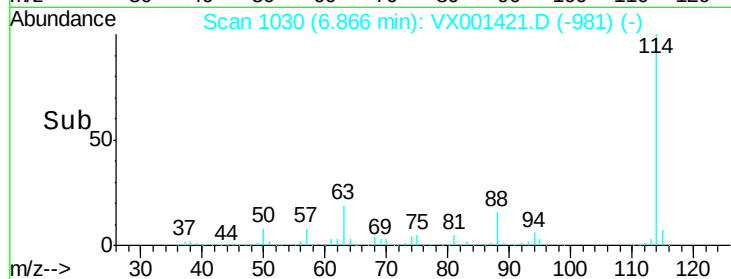
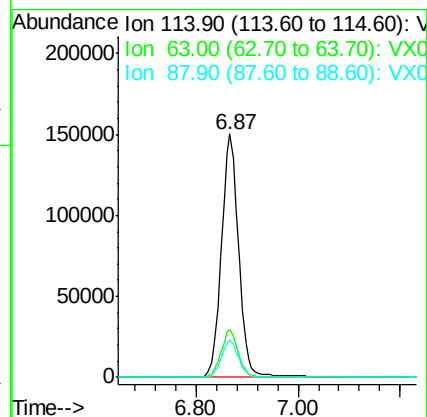
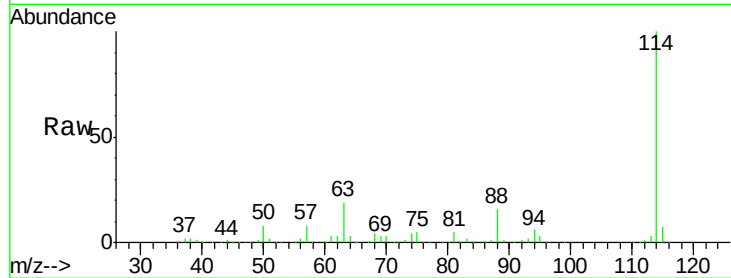




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001421.D
 Acq: 05 May 2018 16:34

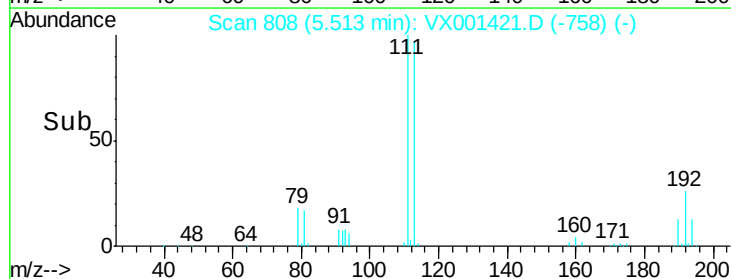
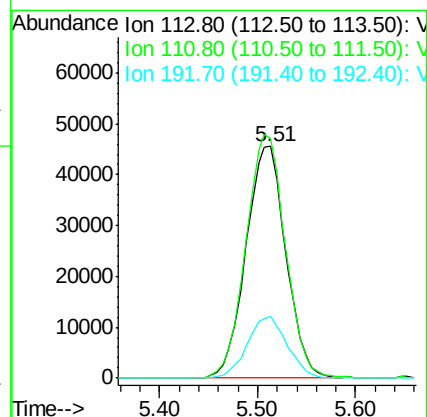
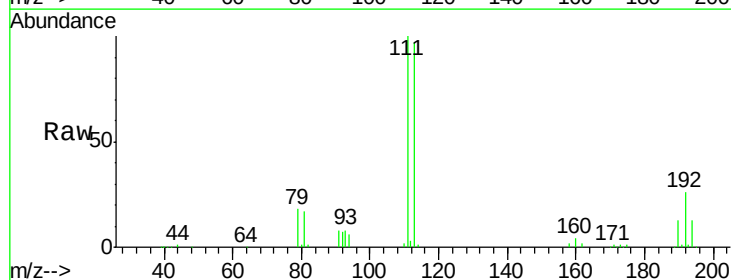
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108891TB 5X

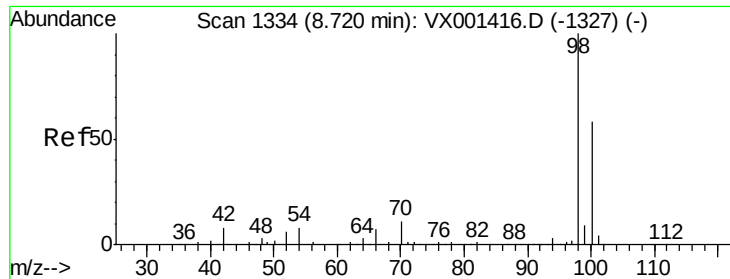
Tot Ion:114 Resp: 354663
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.6 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 40.951 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001421.D
 Acq: 05 May 2018 16:34

Tgt Ion:113 Resp: 129186
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.2
 192 26.7 21.4 32.0





#50

Toluene-d8

Concen: 41.134 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001421.D

Acq: 05 May 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

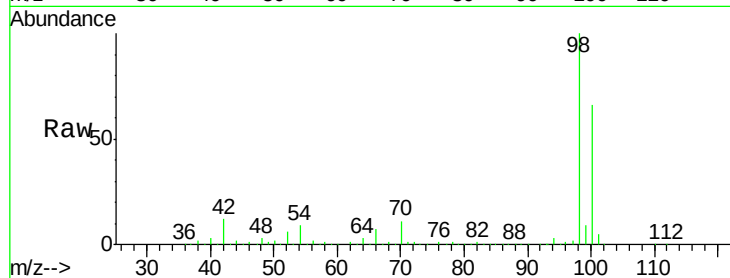
PB108891TB 5X

Tot Ion: 98 Resp: 473659

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

300000

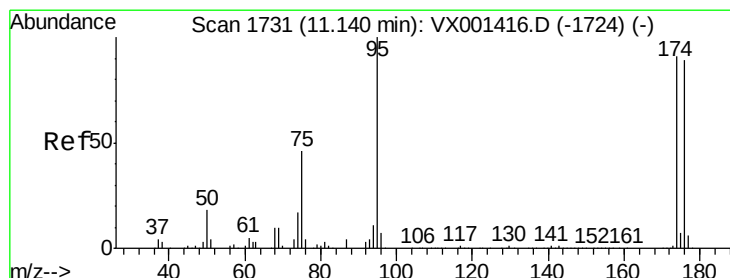
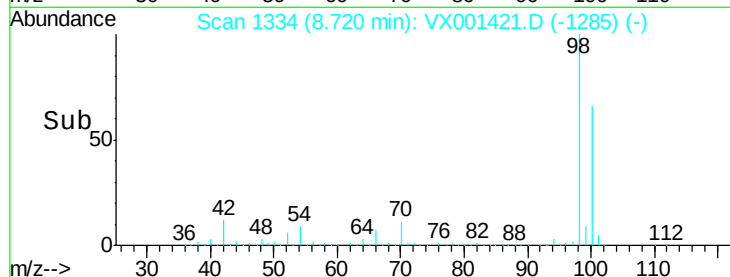
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 36.304 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001421.D

Acq: 05 May 2018 16:34

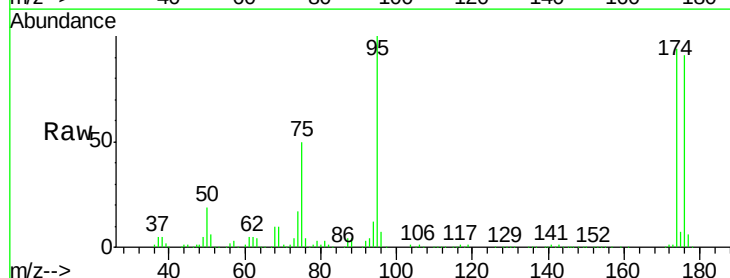
Tgt Ion: 95 Resp: 160481

Ion Ratio Lower Upper

95 100

174 101.3 0.0 202.0

176 98.6 0.0 197.4



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

150000

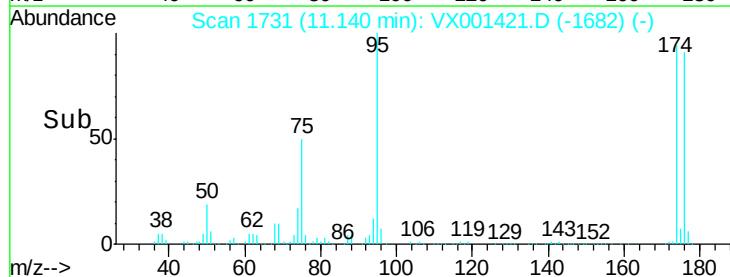
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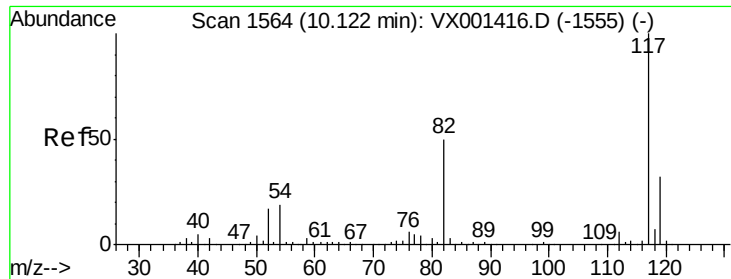
50000

0

Time-->

11.10 11.20 11.30

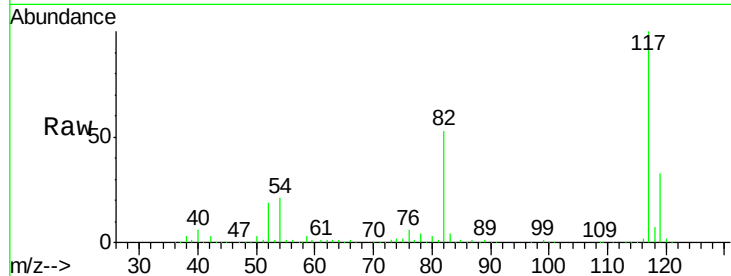




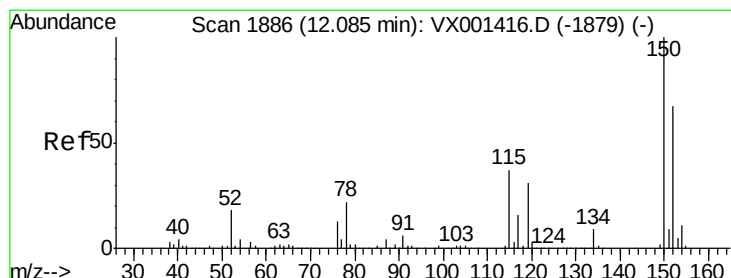
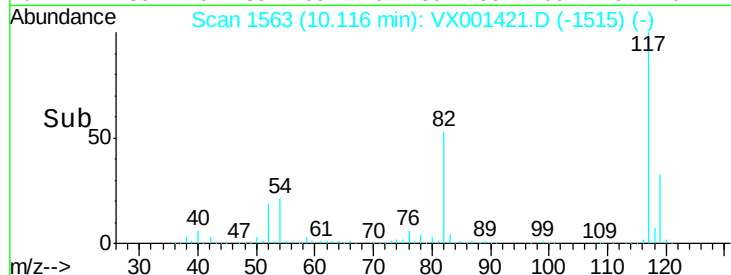
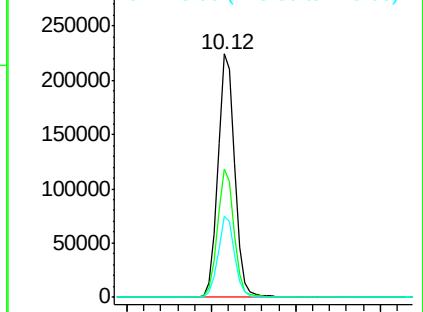
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001421.D
Acq: 05 May 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
PB108891TB 5X

Tot Ion:117 Resp: 311233
Ion Ratio Lower Upper
117 100
82 52.8 40.0 60.0
119 33.1 25.8 38.8

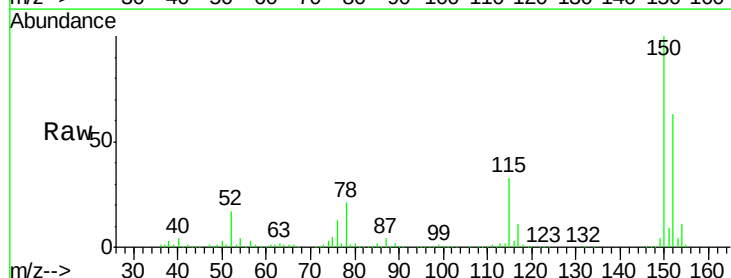


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001421.D
Acq: 05 May 2018 16:34

Tgt Ion:152 Resp: 173927
Ion Ratio Lower Upper
152 100
115 51.9 37.7 113.1
150 154.5 0.0 349.4



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

