

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001568.D
 Acq On : 09 May 2018 21:07
 Operator : JC/MD
 Sample : J2732-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-RMW-3

Quant Time: May 10 12:36:09 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

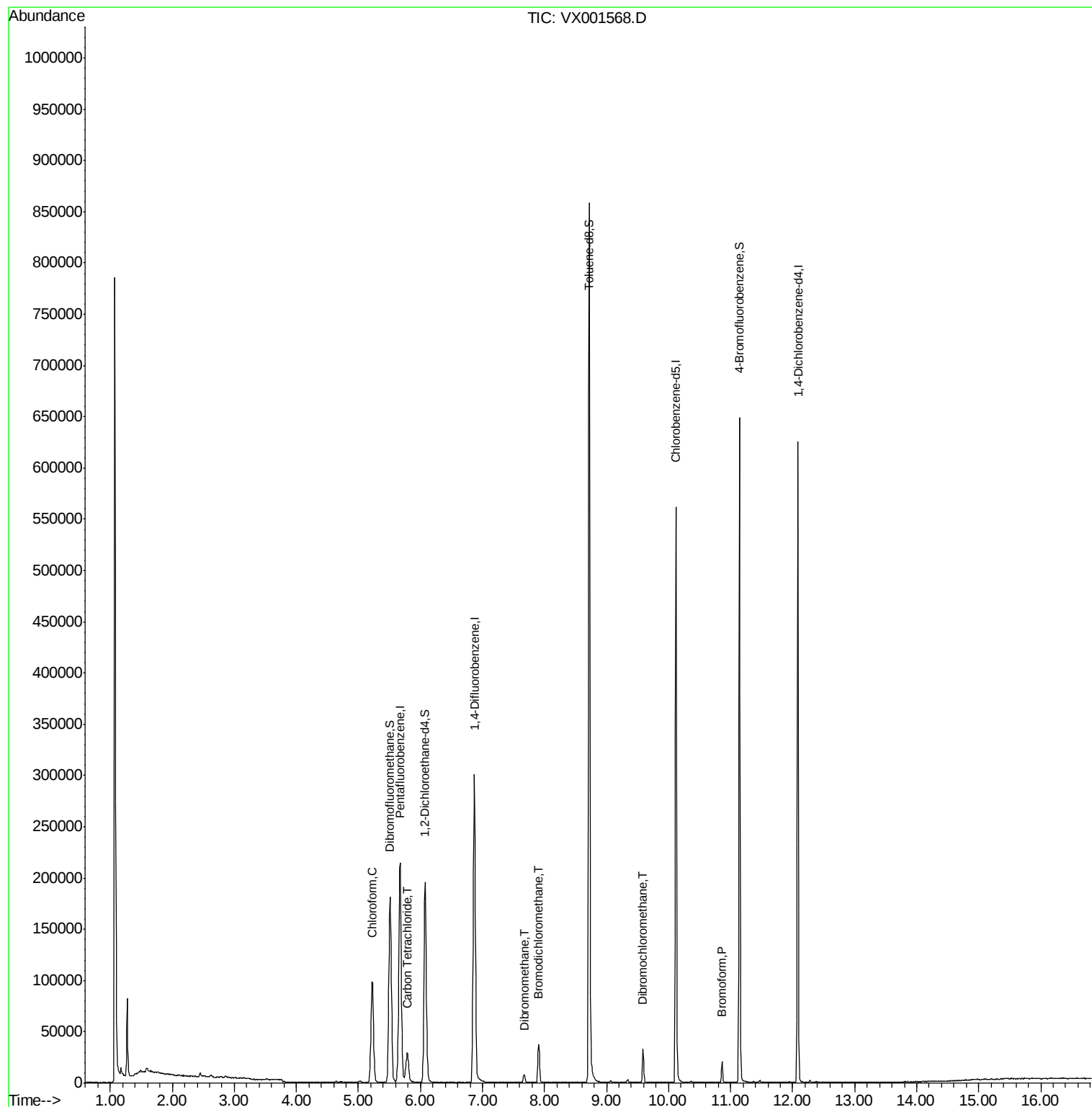
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	134050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190336	58.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.06%	
35) Dibromofluoromethane	5.51	113	150281	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
50) Toluene-d8	8.72	98	513992	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.14	95	159746	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
Target Compounds						
30) Chloroform	5.23	83	115086	22.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	25468	6.05	ug/l	98
46) Dibromomethane	7.67	93	2736	1.34	ug/l	95
47) Bromodichloromethane	7.91	83	23579	6.26	ug/l	99
60) Dibromochloromethane	9.59	129	14131	4.54	ug/l	99
71) Bromoform	10.86	173	7748	6.23	ug/l #	98

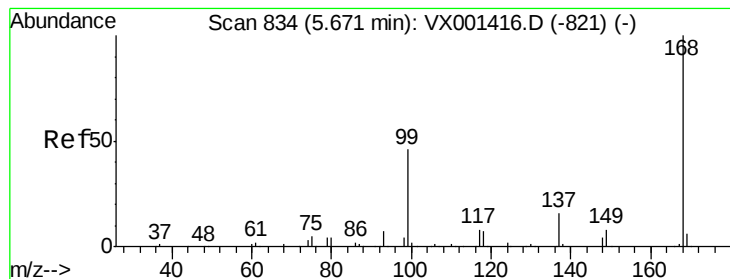
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
Data File : VX001568.D
Acq On : 09 May 2018 21:07
Operator : JC/MD
Sample : J2732-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RAV-RMW-3

Quant Time: May 10 12:36:09 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001568.D

Acq: 09 May 2018 21:07

Instrument :

MSVOA_X

ClientSampled :

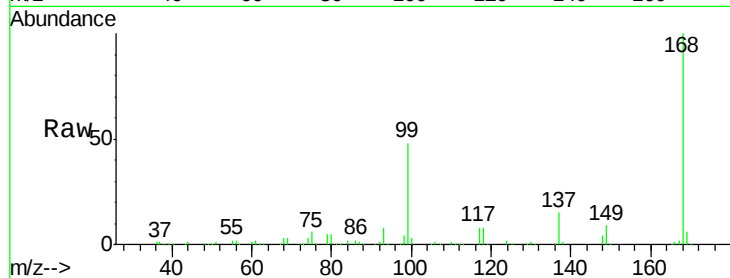
RAV-RMW-3

Tot Ion:168 Resp: 226269

Ion Ratio Lower Upper

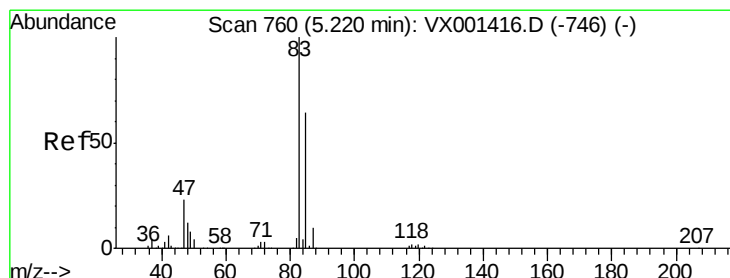
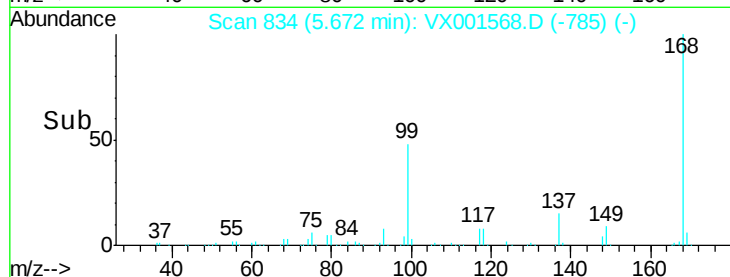
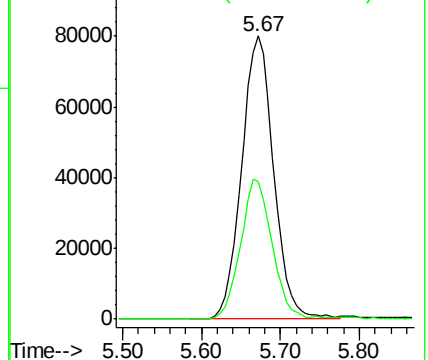
168 100

99 48.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 22.93 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001568.D

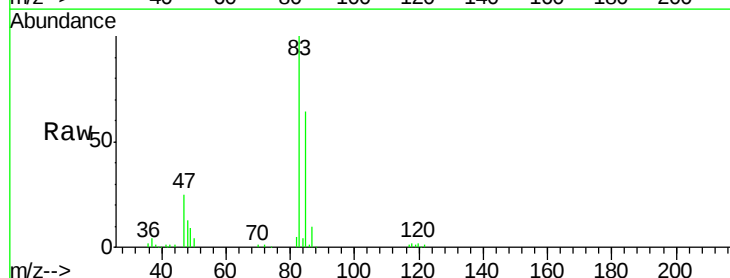
Acq: 09 May 2018 21:07

Tgt Ion: 83 Resp: 115086

Ion Ratio Lower Upper

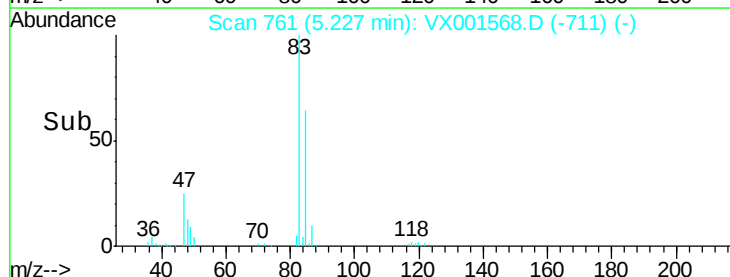
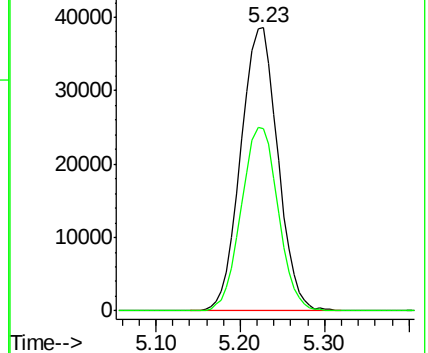
83 100

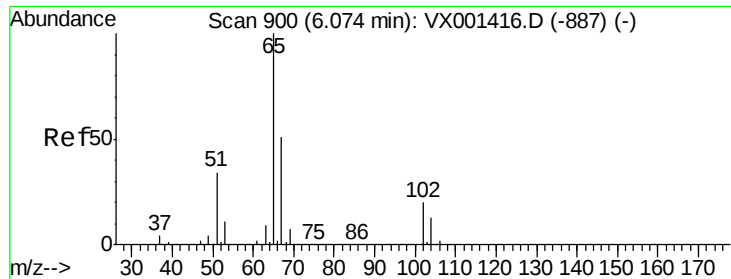
85 64.3 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

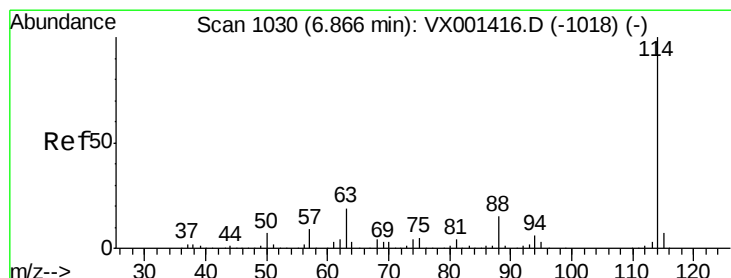
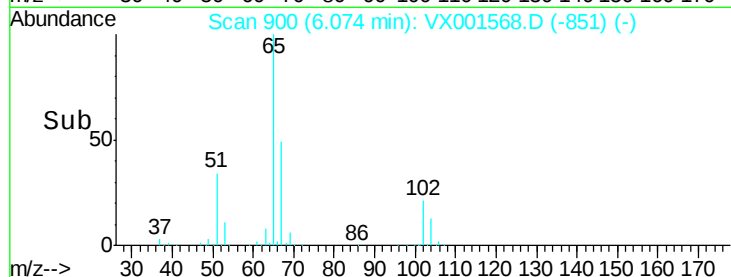
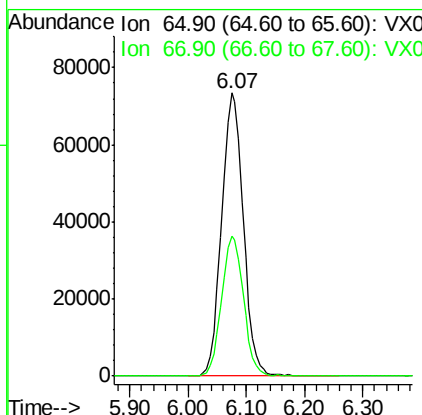
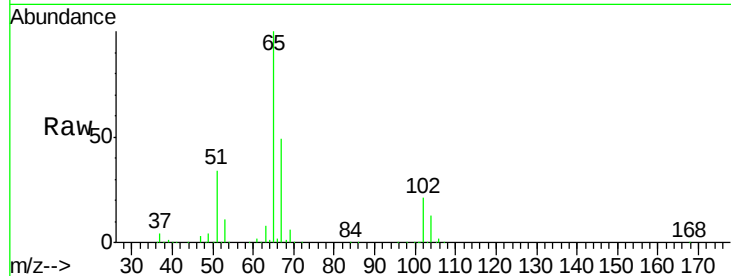




#33
 1,2-Dichloroethane-d4
 Concen: 58.53 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001568.D
 Acq: 09 May 2018 21:07

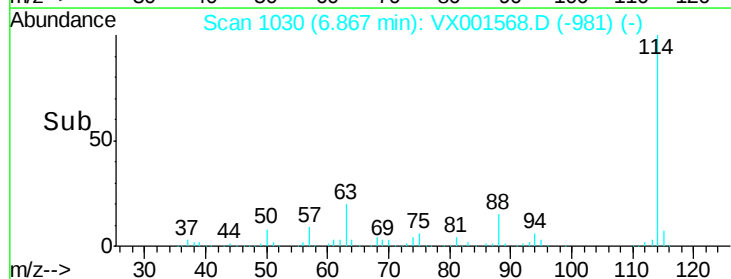
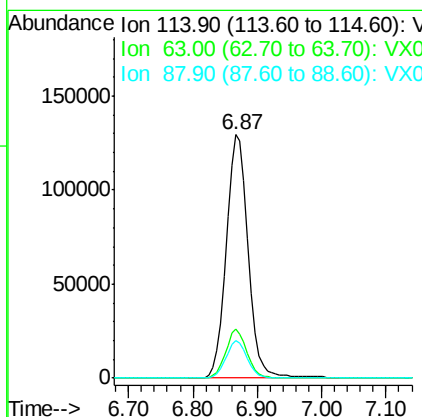
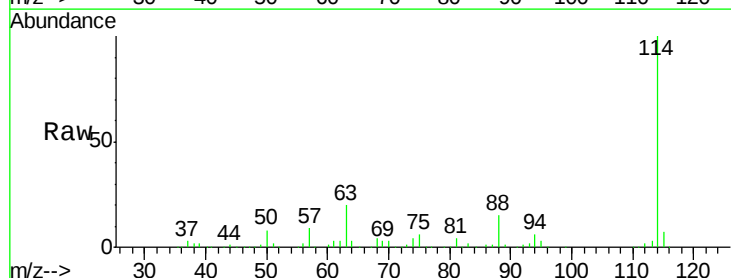
Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-RMW-3

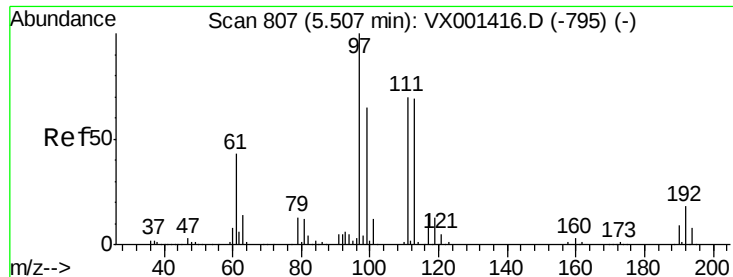
Tot Ion: 65 Resp: 190336
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001568.D
 Acq: 09 May 2018 21:07

Tgt Ion: 114 Resp: 310260
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 15.2 0.0 30.8

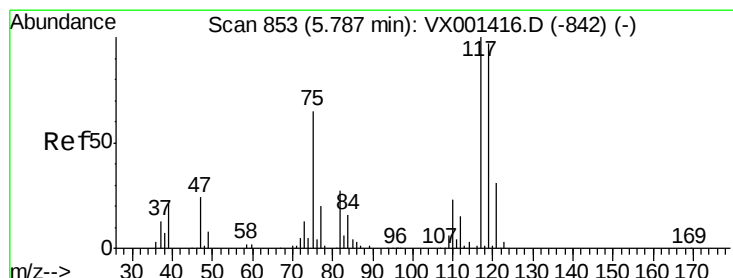
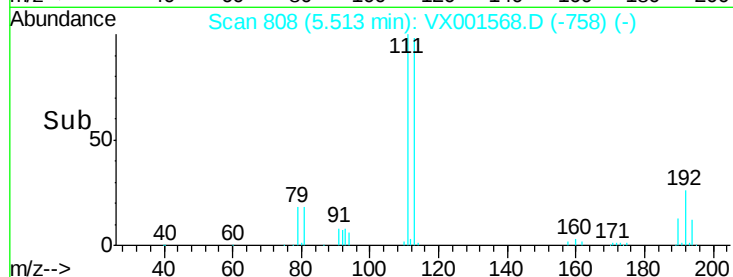
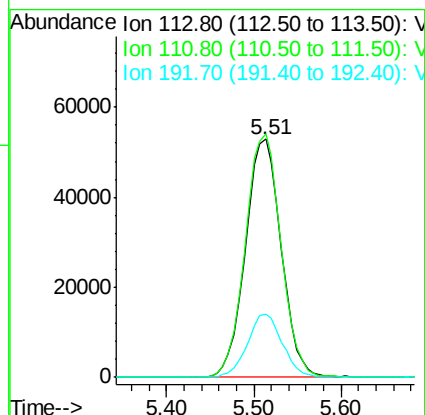
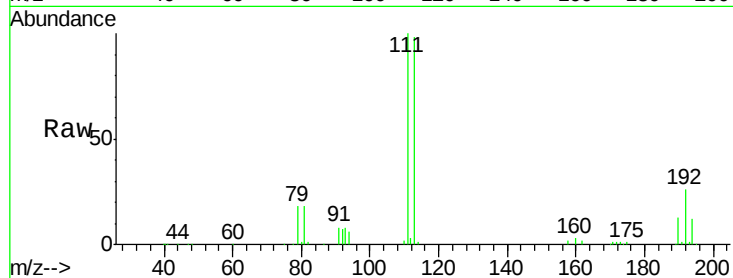




#35
 Dibromofluoromethane
 Concen: 54.46 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001568.D
 Acq: 09 May 2018 21:07

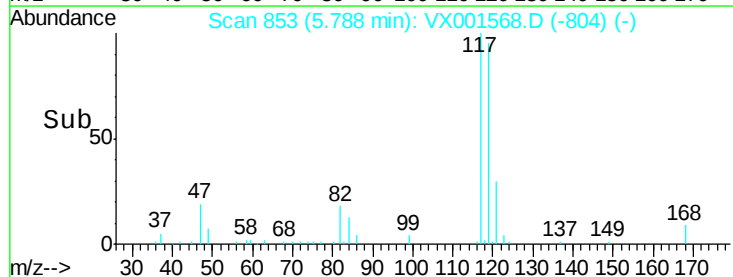
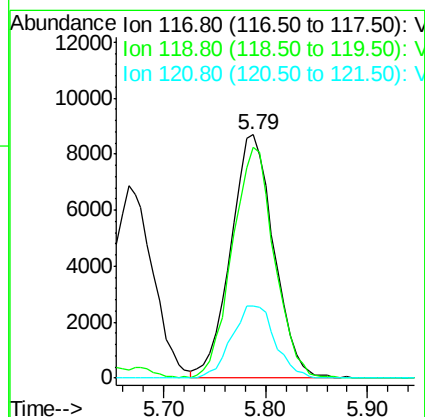
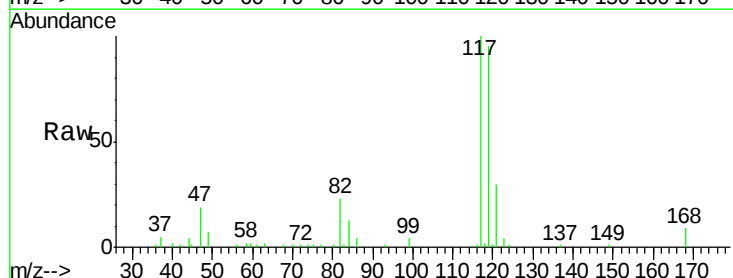
Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-RMW-3

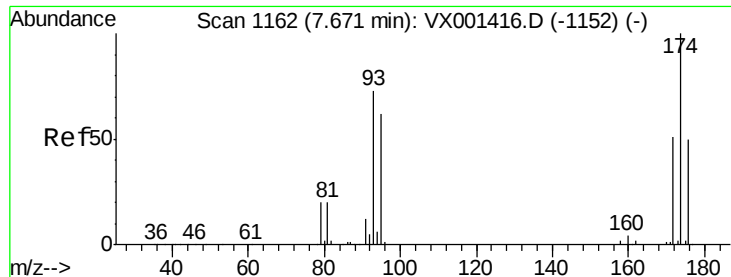
Tot Ion:113 Resp: 150281
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 26.0 21.4 32.0



#38
 Carbon Tetrachloride
 Concen: 6.05 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: VX001568.D
 Acq: 09 May 2018 21:07

Tgt Ion:117 Resp: 25468
 Ion Ratio Lower Upper
 117 100
 119 94.7 77.0 115.6
 121 29.5 25.1 37.7

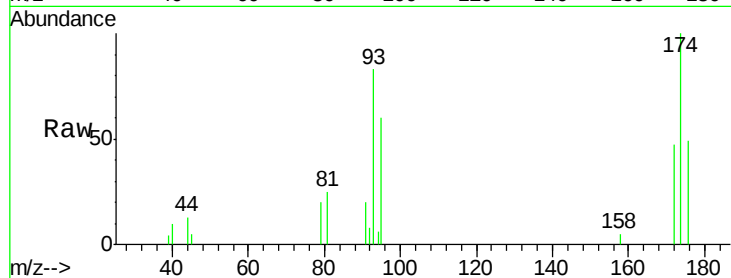




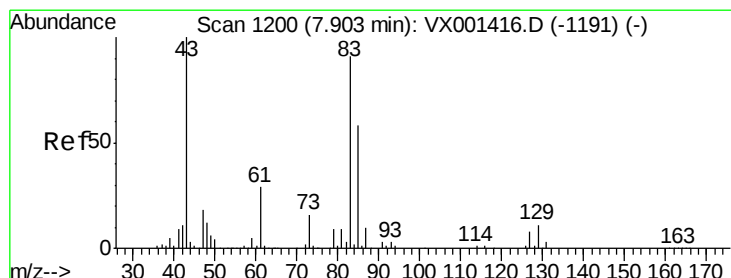
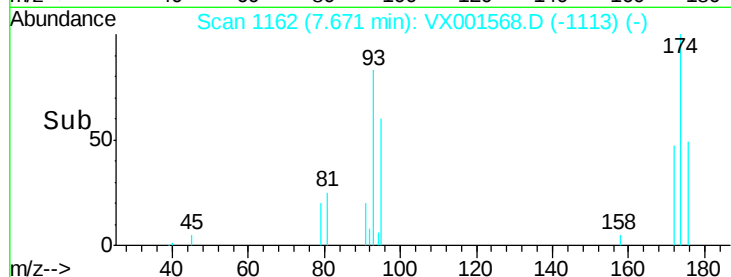
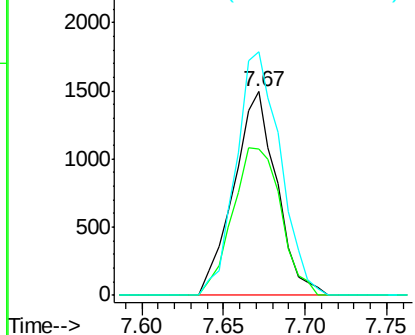
#46
Dibromomethane
Concen: 1.34 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX001568.D
Acq: 09 May 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RAV-RMW-3

Tot Ion: 93 Resp: 2736
Ion Ratio Lower Upper
93 100
95 81.5 67.0 100.4
174 123.4 104.5 156.7

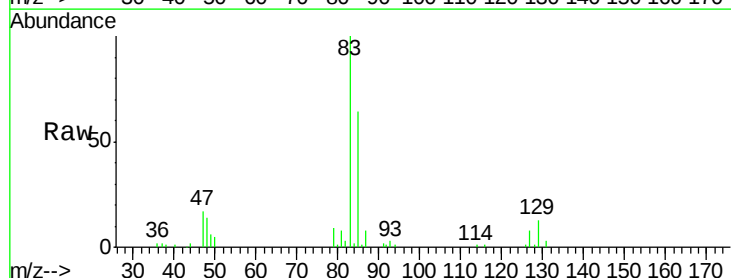


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

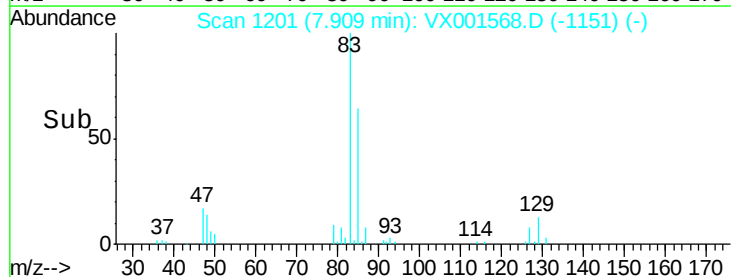
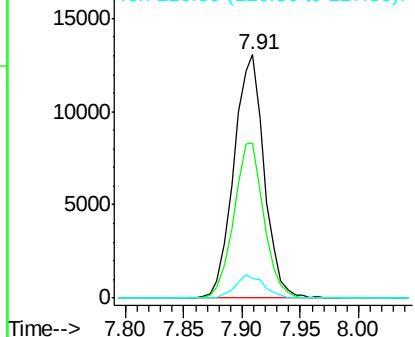


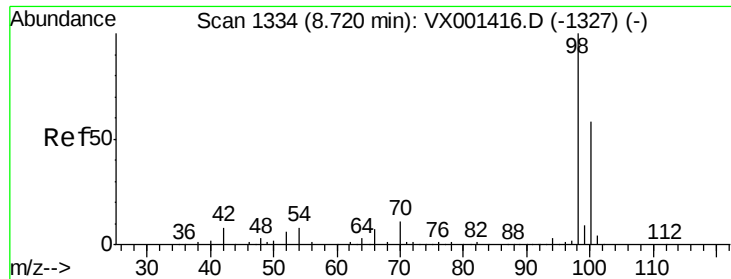
#47
Bromodichloromethane
Concen: 6.26 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.01 min
Lab File: VX001568.D
Acq: 09 May 2018 21:07

Tgt Ion: 83 Resp: 23579
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.6
127 8.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

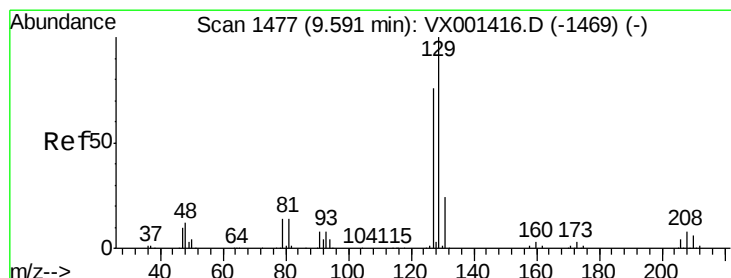
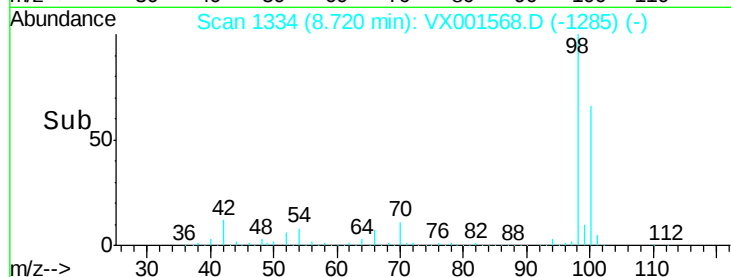
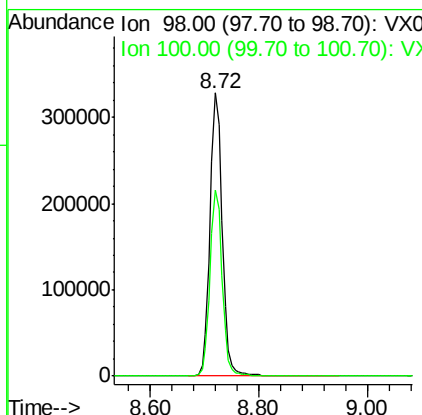
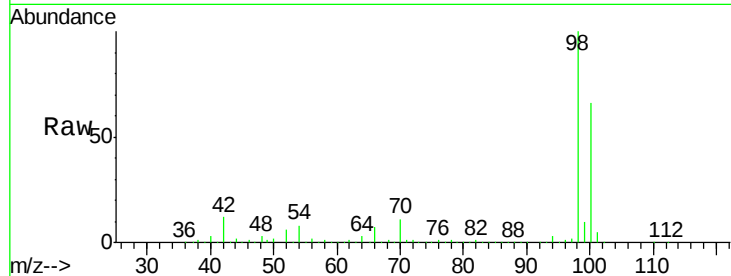




#50
Toluene-d8
Concen: 51.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001568.D
Acq: 09 May 2018 21:07

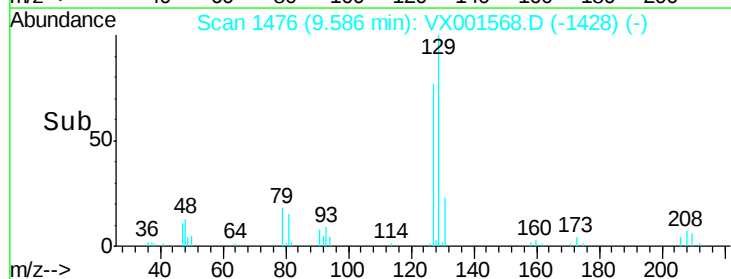
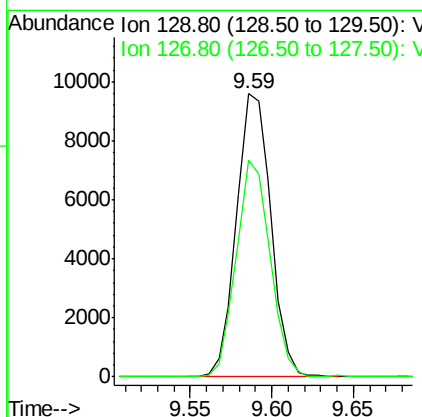
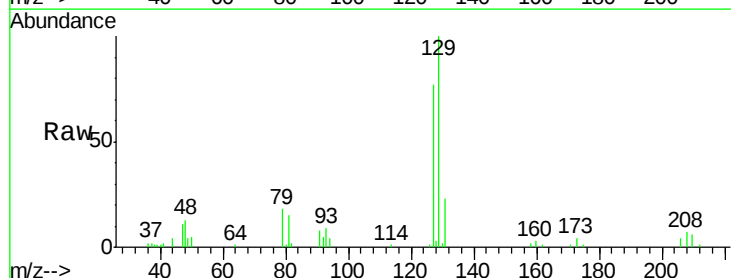
Instrument :
MSVOA_X
ClientSampleId :
RAV-RMW-3

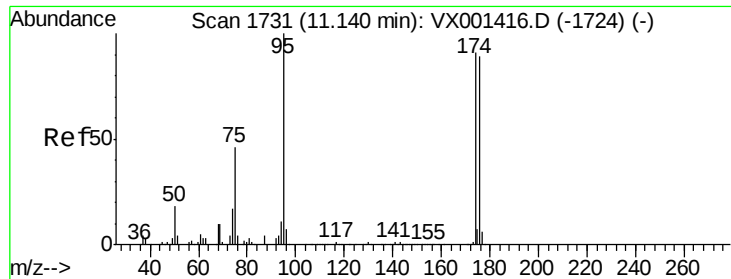
Tot Ion: 98 Resp: 513992
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0



#60
Dibromochloromethane
Concen: 4.54 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001568.D
Acq: 09 May 2018 21:07

Tgt Ion: 129 Resp: 14131
Ion Ratio Lower Upper
129 100
127 75.4 38.1 114.5





#62

4-Bromofluorobenzene

Concen: 41.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001568.D

Acq: 09 May 2018 21:07

Instrument :

MSVOA_X

ClientSampleId :

RAV-RMW-3

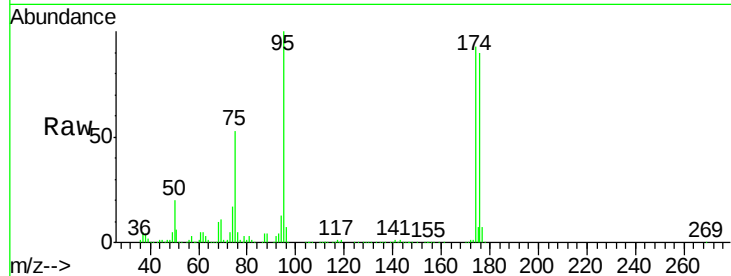
Tot Ion: 95 Resp: 159746

Ion Ratio Lower Upper

95 100

174 102.0 0.0 202.0

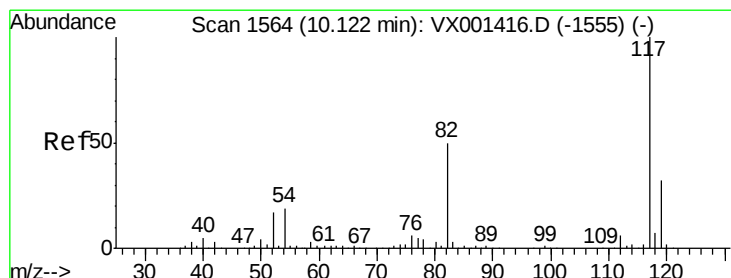
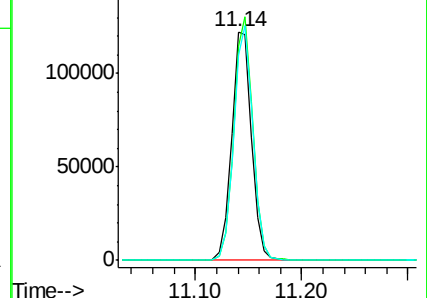
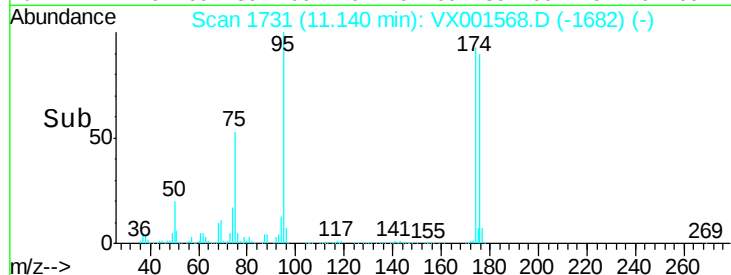
176 98.8 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001568.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001568.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001568.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001568.D

Acq: 09 May 2018 21:07

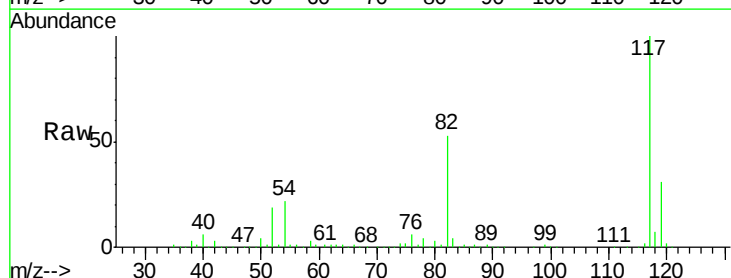
Tgt Ion: 117 Resp: 267592

Ion Ratio Lower Upper

117 100

82 52.8 40.0 60.0

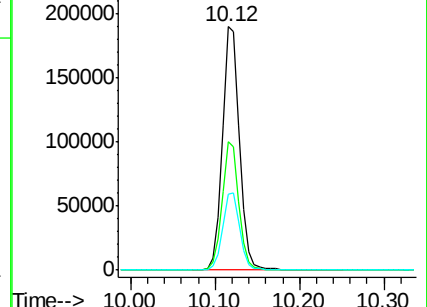
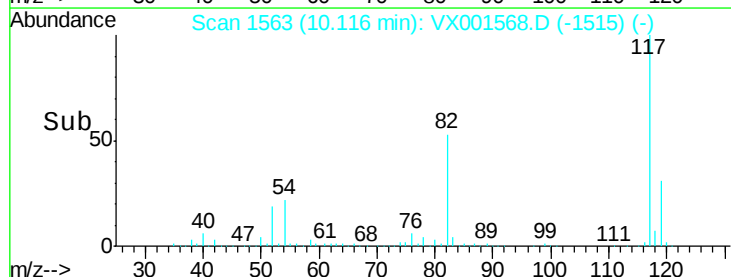
119 31.4 25.8 38.8

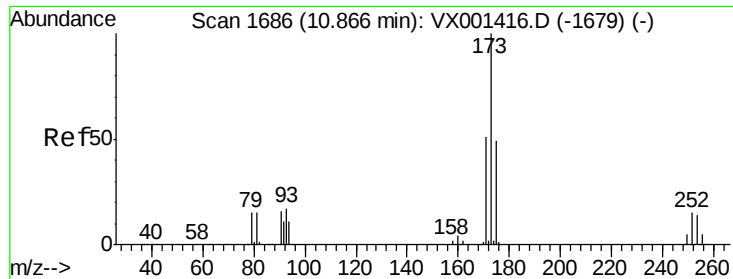


Abundance Ion 116.90 (116.60 to 117.60): VX001568.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001568.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001568.D (-1515) (-)





#71

Bromoform

Concen: 6.23 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001568.D

Acq: 09 May 2018 21:07

Instrument :

MSVOA_X

ClientSampled :

RAV-RMW-3

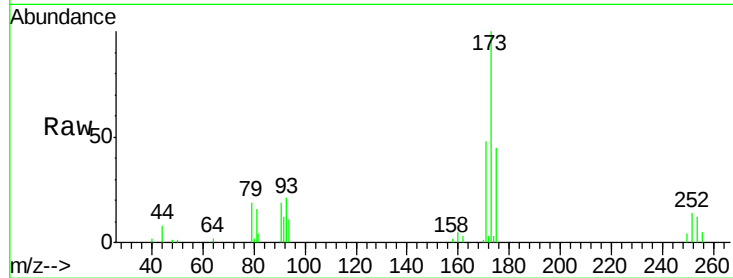
Tot Ion:173 Resp: 7748

Ion Ratio Lower Upper

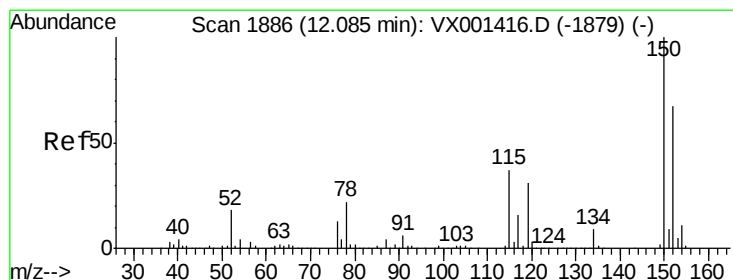
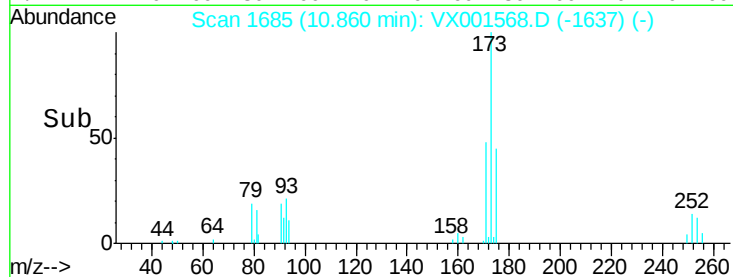
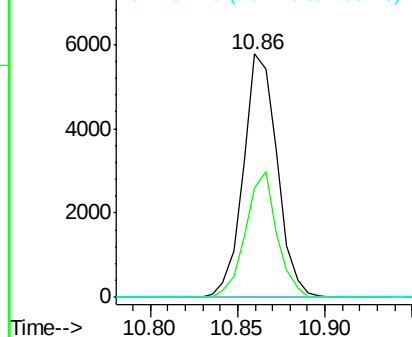
173 100

175 47.8 24.5 73.5

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001568.D

Acq: 09 May 2018 21:07

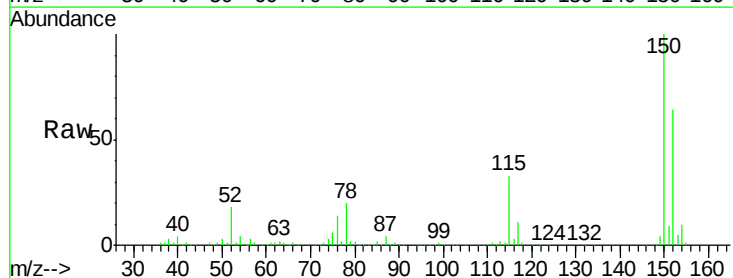
Tgt Ion:152 Resp: 134050

Ion Ratio Lower Upper

152 100

115 52.5 37.7 113.1

150 156.4 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

