

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003311.D
 Acq On : 11 Jul 2018 04:10
 Operator : JC/MD
 Sample : J3914-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SMH

Quant Time: Jul 11 05:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194512	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	166648	40.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.24%	
35) Dibromofluoromethane	5.51	113	142050	35.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.84%	
50) Toluene-d8	8.72	98	518389	36.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.82%	
62) 4-Bromofluorobenzene	11.14	95	180809	34.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.68%	

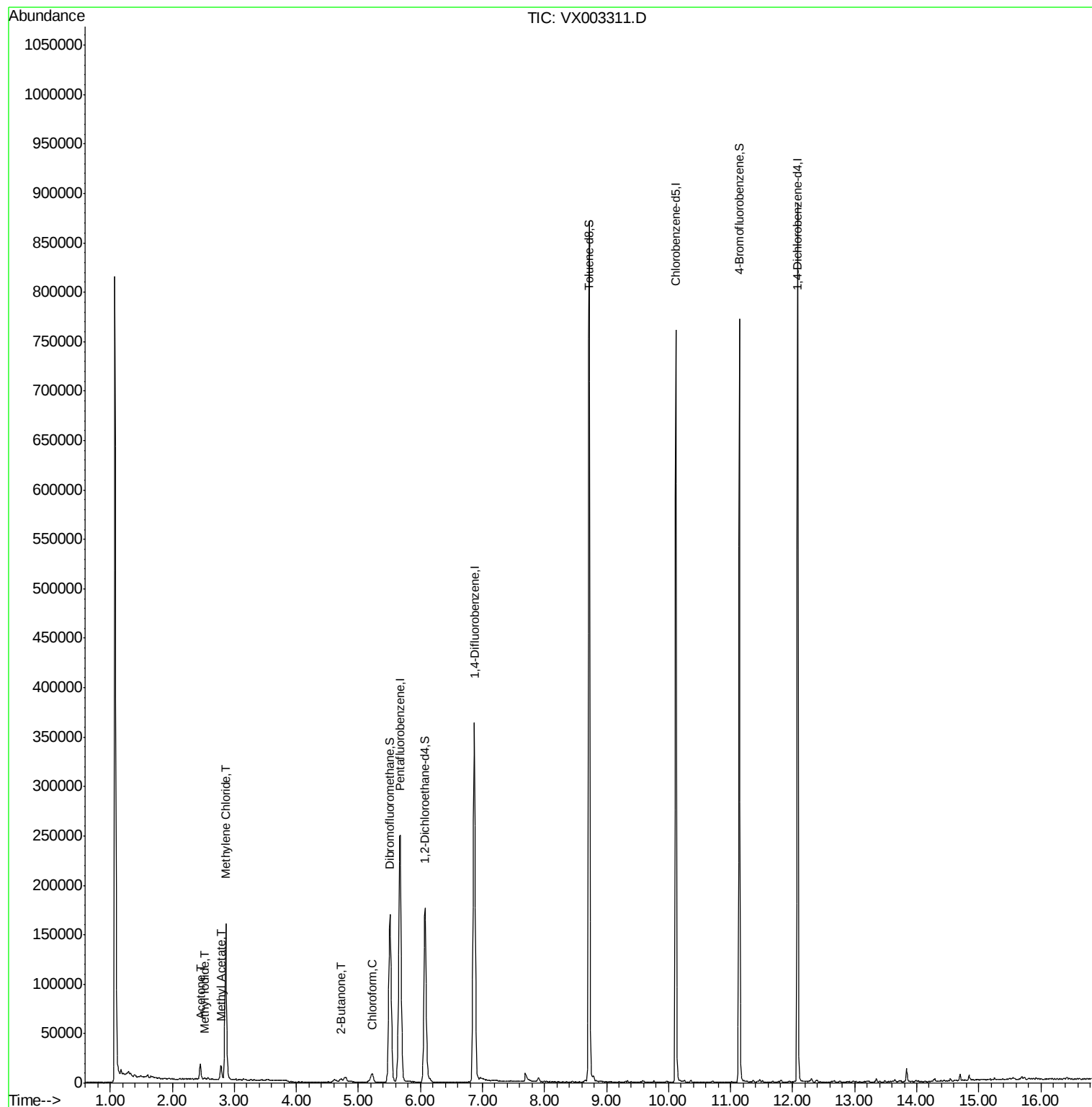
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1515	6.03	ug/l	90
16) Acetone	2.45	43	17902	12.29	ug/l	98
18) Methyl Acetate	2.78	43	18017	4.38	ug/l	96
20) Methylene Chloride	2.86	84	72558	23.94	ug/l	93
25) 2-Butanone	4.72	43	5821	2.26	ug/l	97
30) Chloroform	5.21	83	9410	1.49	ug/l	93

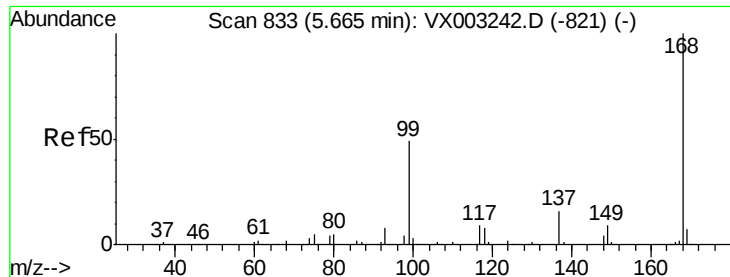
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071018\
Data File : VX003311.D
Acq On : 11 Jul 2018 04:10
Operator : JC/MD
Sample : J3914-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SMH

Quant Time: Jul 11 05:23:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003311.D

Acq: 11 Jul 2018 04:10

Instrument :

MSVOA_X

ClientSampleId :

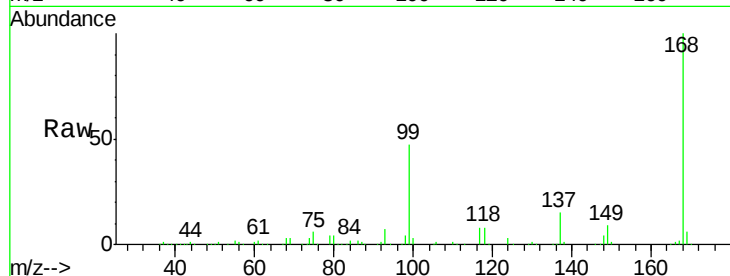
SMH

Tot Ion:168 Resp: 260693

Ion Ratio Lower Upper

168 100

99 47.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

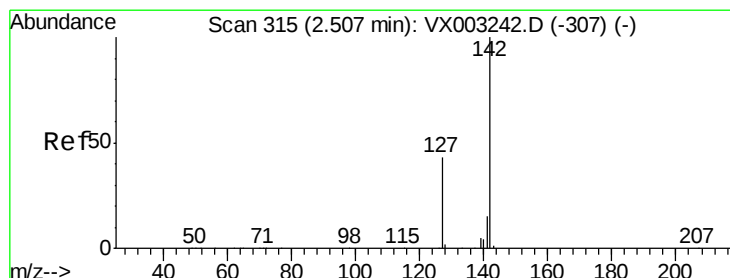
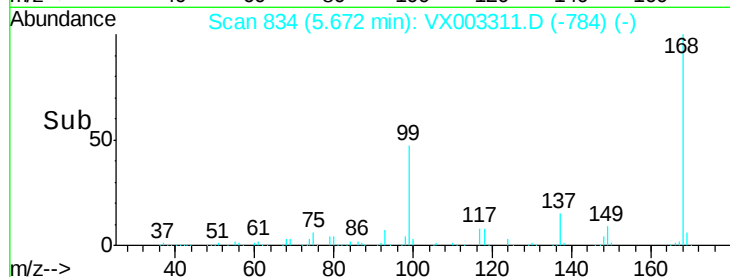
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.03 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003311.D

Acq: 11 Jul 2018 04:10

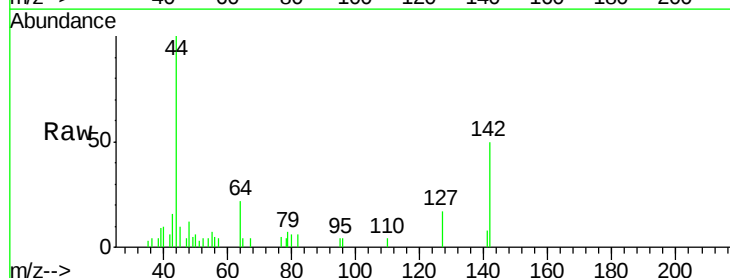
Tgt Ion:142 Resp: 1515

Ion Ratio Lower Upper

142 100

127 37.4 36.6 55.0

141 14.1 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

800

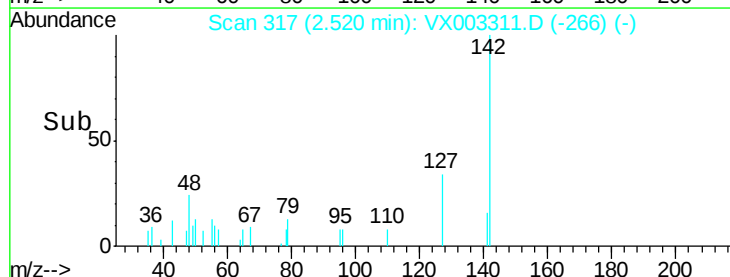
600

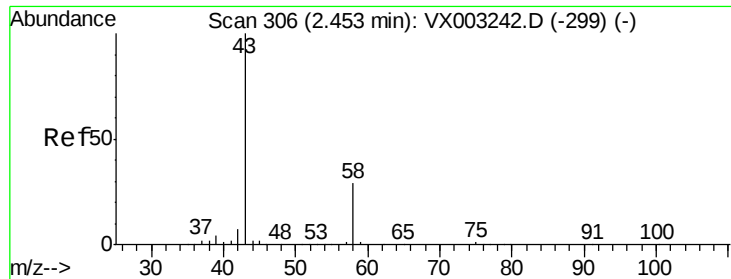
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 12.29 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003311.D

Acq: 11 Jul 2018 04:10

Instrument :

MSVOA_X

ClientSampleId :

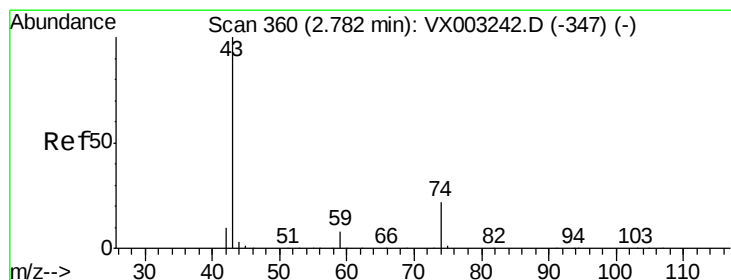
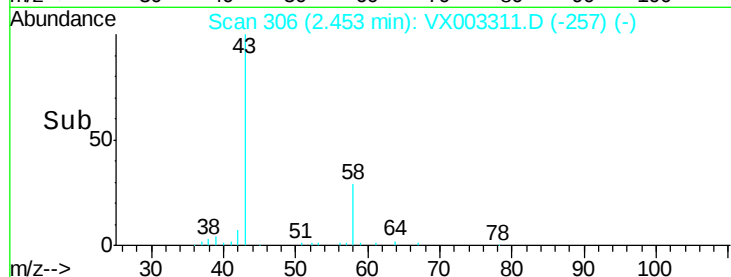
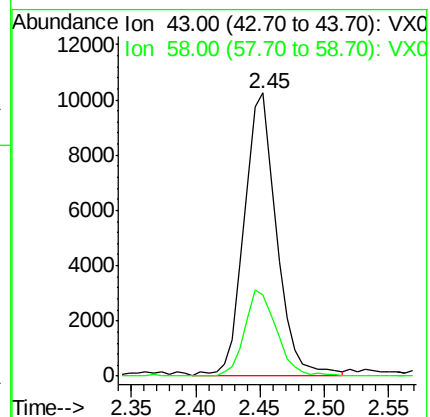
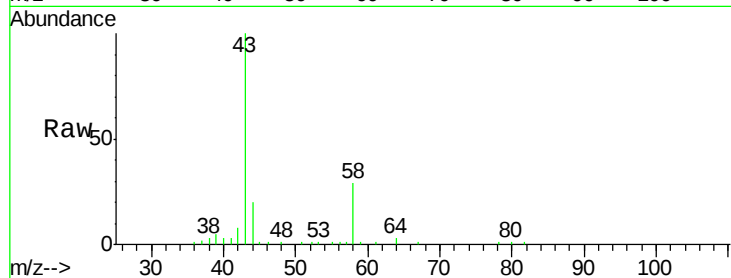
SMH

Tot Ion: 43 Resp: 17902

Ion Ratio Lower Upper

43 100

58 28.8 22.1 33.1



#18

Methyl Acetate

Concen: 4.38 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003311.D

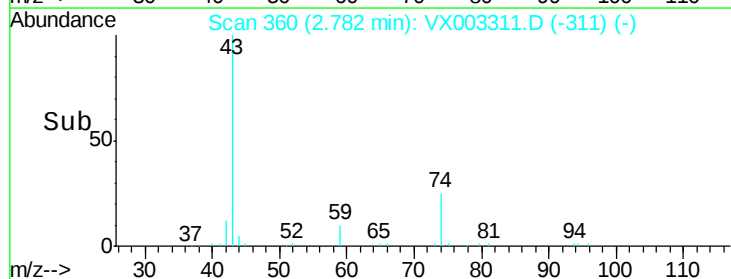
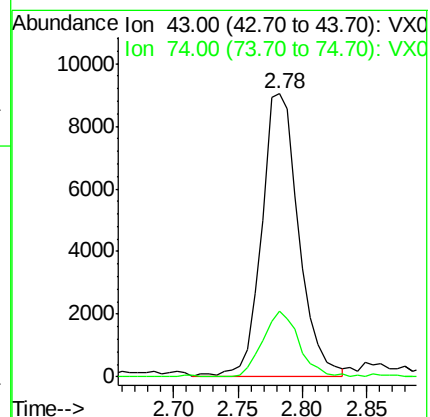
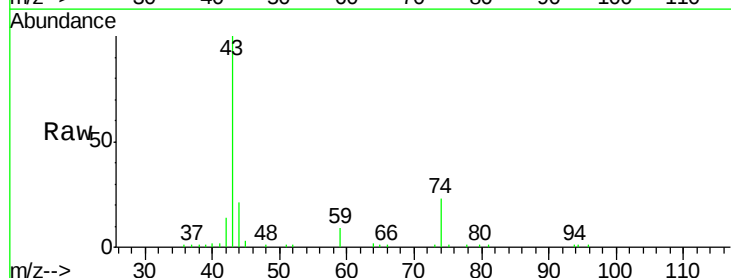
Acq: 11 Jul 2018 04:10

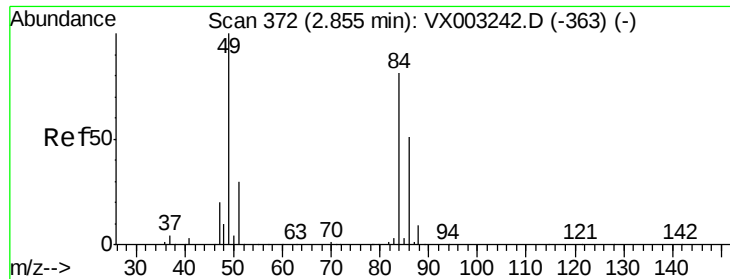
Tgt Ion: 43 Resp: 18017

Ion Ratio Lower Upper

43 100

74 22.8 16.7 25.1

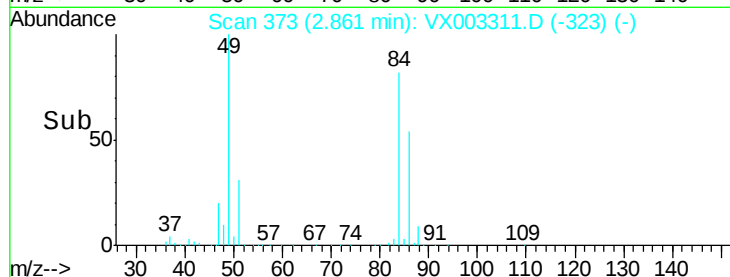
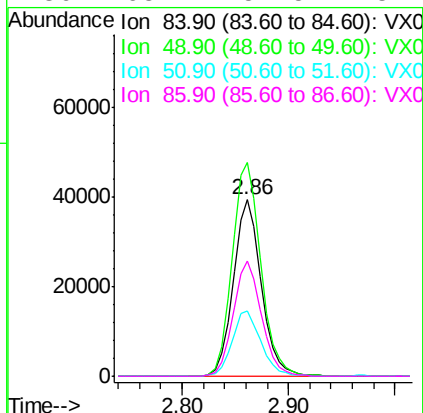
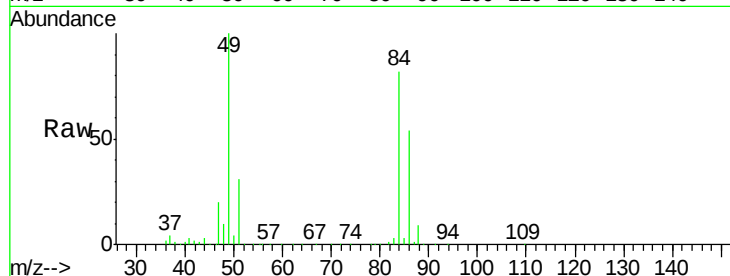




#20
Methylene Chloride
Concen: 23.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

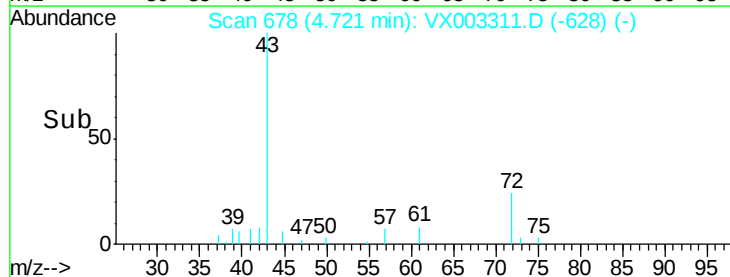
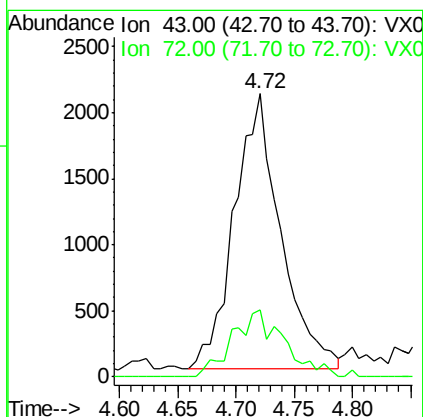
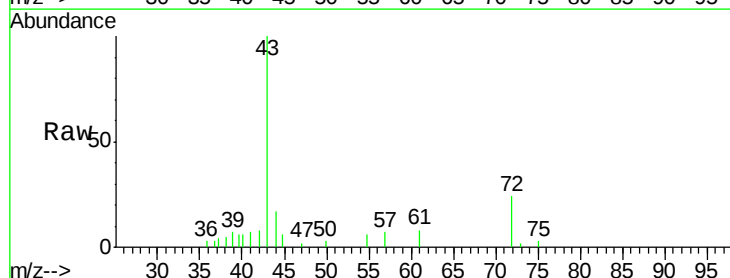
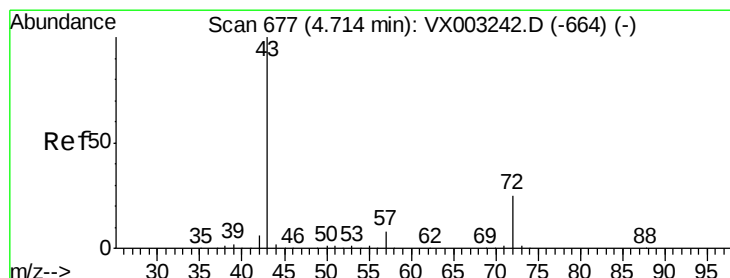
Instrument :
MSVOA_X
ClientSampleId :
SMH

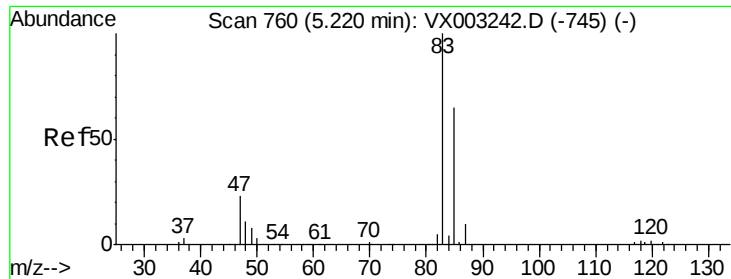
Tot Ion: 84 Resp: 72558
Ion Ratio Lower Upper
84 100
49 121.3 107.8 161.6
51 37.2 32.8 49.2
86 65.2 52.5 78.7



#25
2-Butanone
Concen: 2.26 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

Tgt Ion: 43 Resp: 5821
Ion Ratio Lower Upper
43 100
72 24.4 18.5 27.7

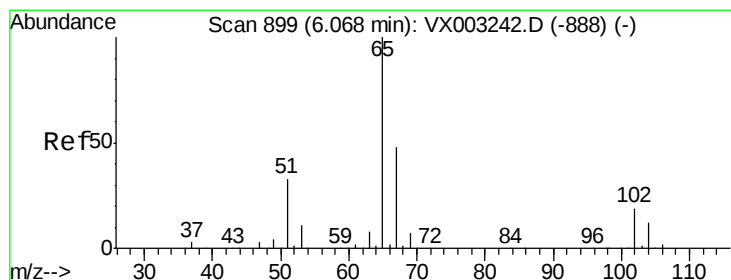
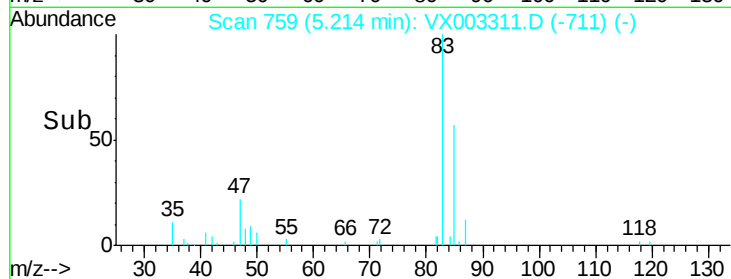
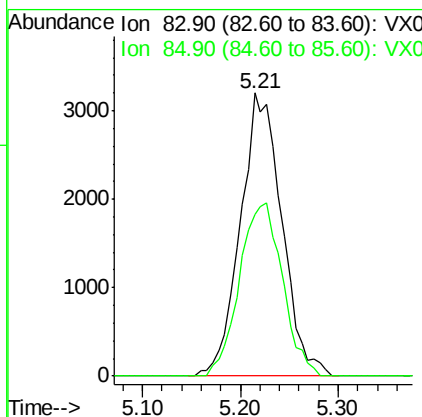
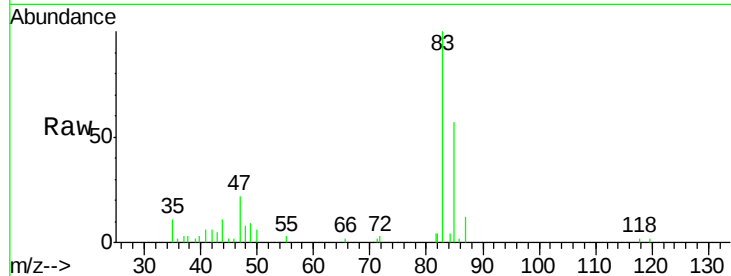




#30
Chloroform
Concen: 1.49 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

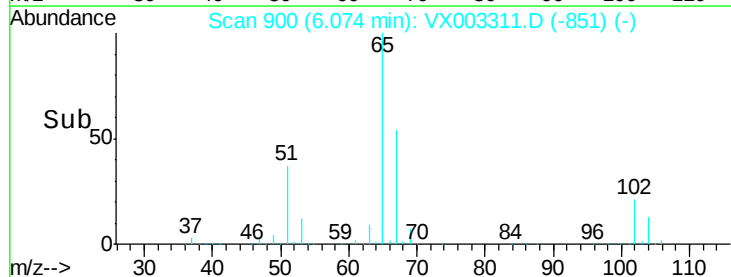
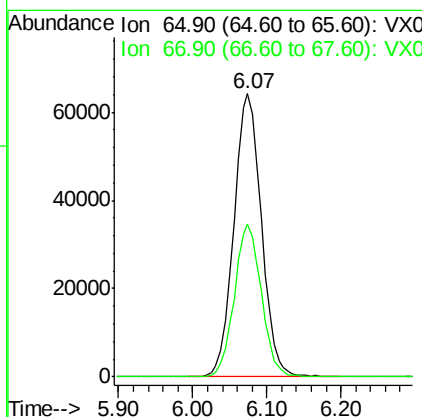
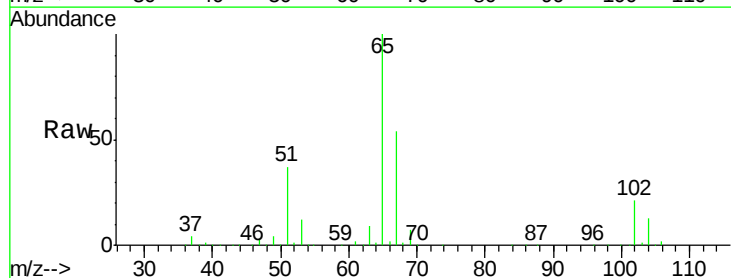
Instrument :
MSVOA_X
ClientSampleId :
SMH

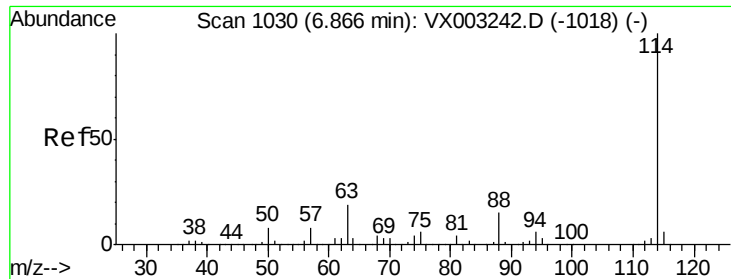
Tot Ion: 83 Resp: 9410
Ion Ratio Lower Upper
83 100
85 57.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 40.62 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

Tgt Ion: 65 Resp: 166648
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.6

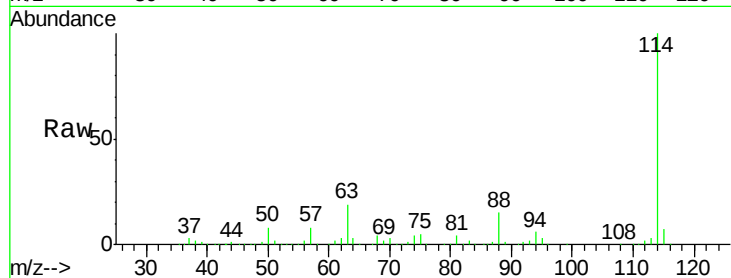




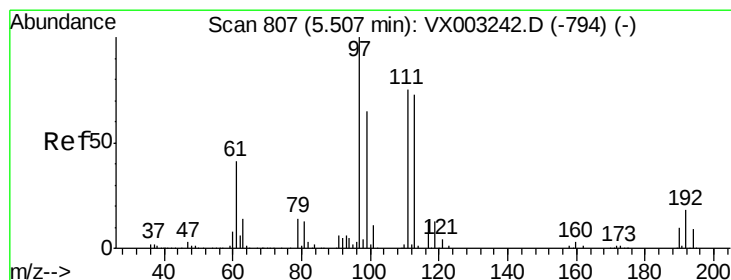
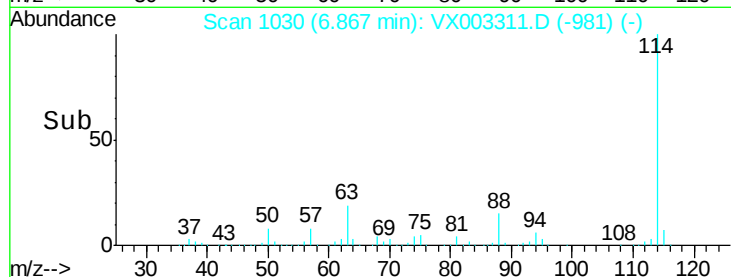
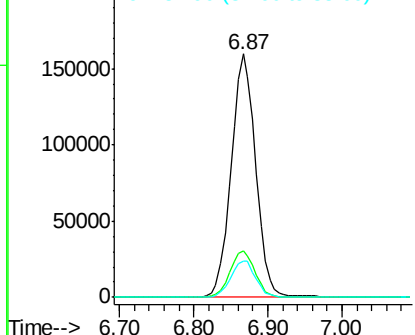
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

Instrument :
MSVOA_X
ClientSampleId :
SMH

Tot Ion:114 Resp: 368066
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.4
88 15.1 0.0 30.0

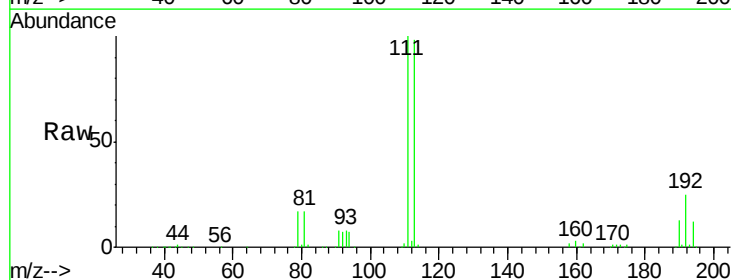


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

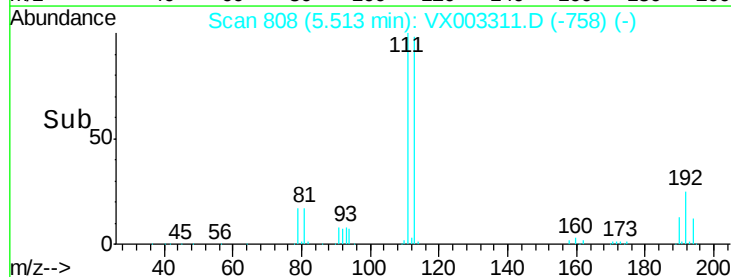
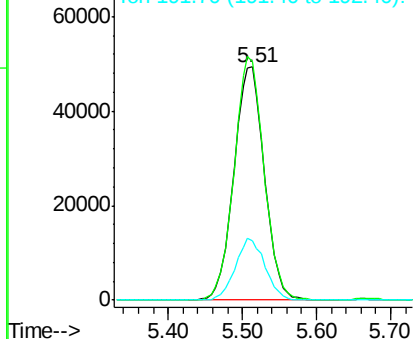


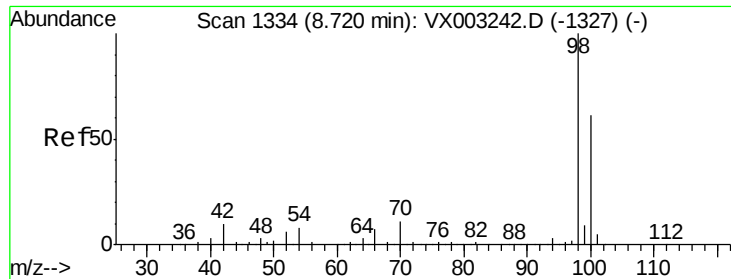
#35
Dibromofluoromethane
Concen: 35.92 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

Tgt Ion:113 Resp: 142050
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 25.7 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

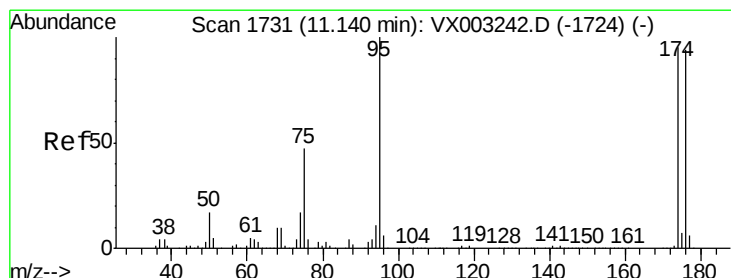
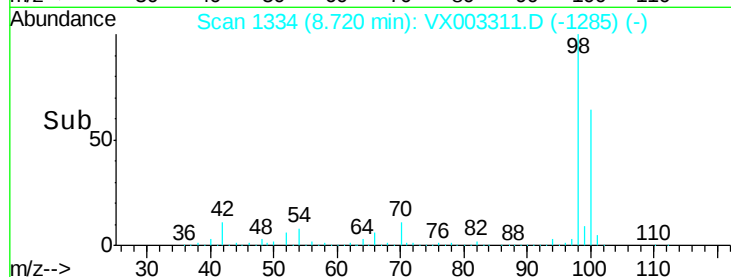
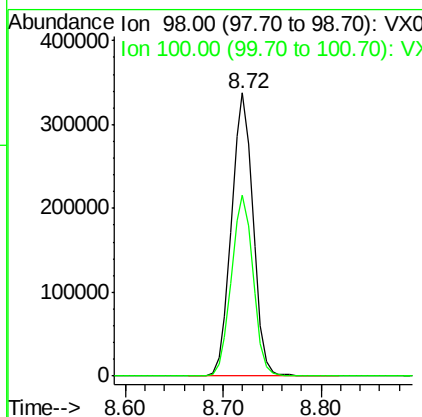
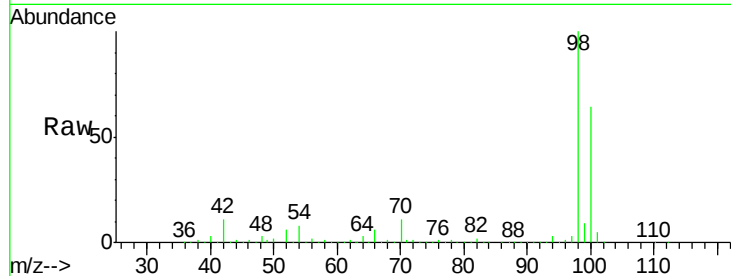




#50
Toluene-d8
Concen: 36.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

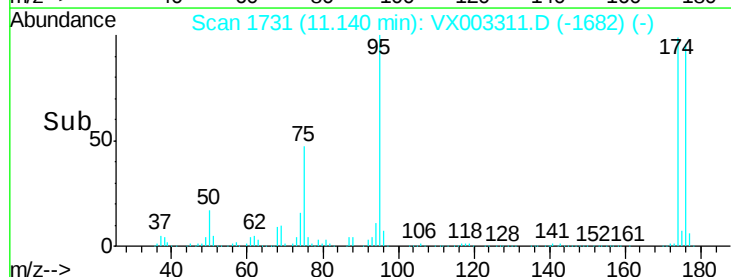
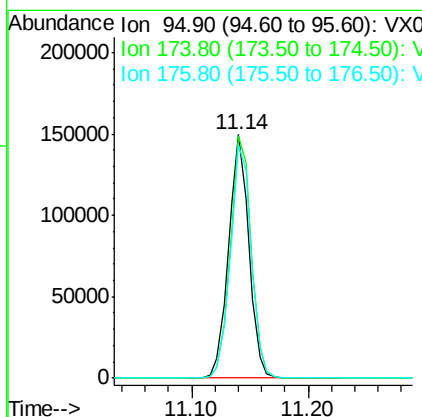
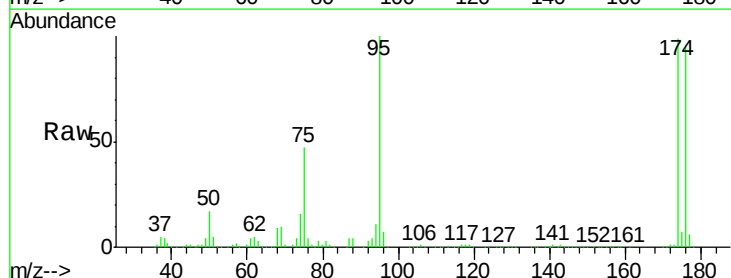
Instrument :
MSVOA_X
ClientSampleId :
SMH

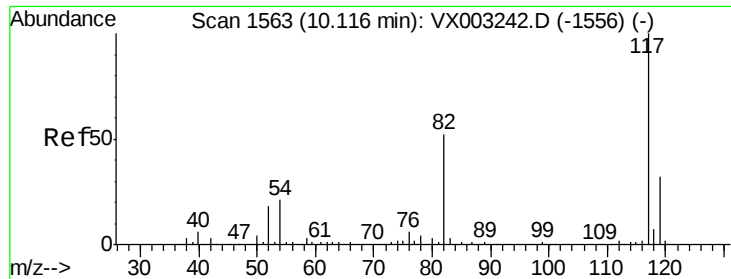
Tot Ion: 98 Resp: 518389
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

Tgt Ion: 95 Resp: 180809
Ion Ratio Lower Upper
95 100
174 102.7 0.0 187.4
176 98.9 0.0 181.0

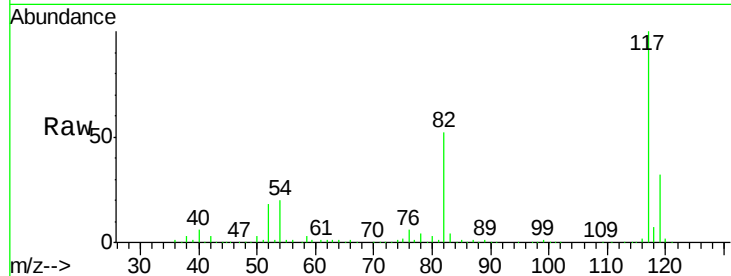




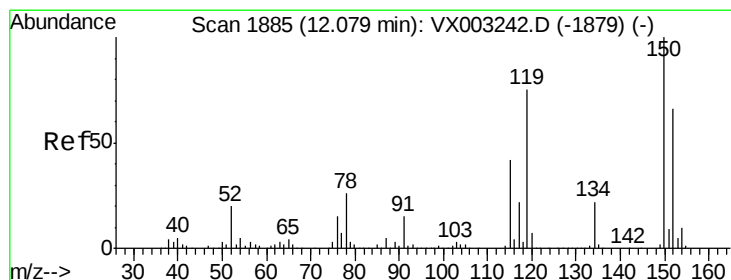
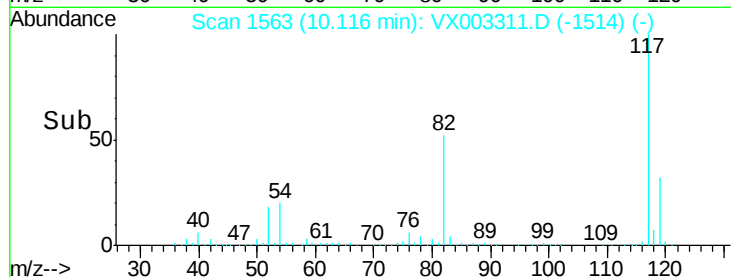
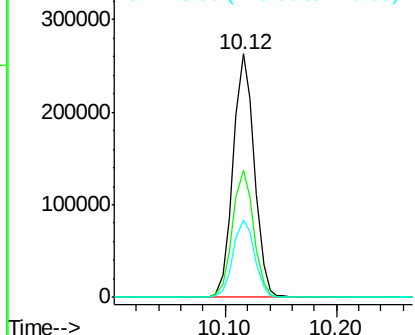
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

Instrument :
MSVOA_X
ClientSampleId :
SMH

Tot Ion:117 Resp: 347253
Ion Ratio Lower Upper
117 100
82 52.2 45.0 67.4
119 31.8 25.8 38.6

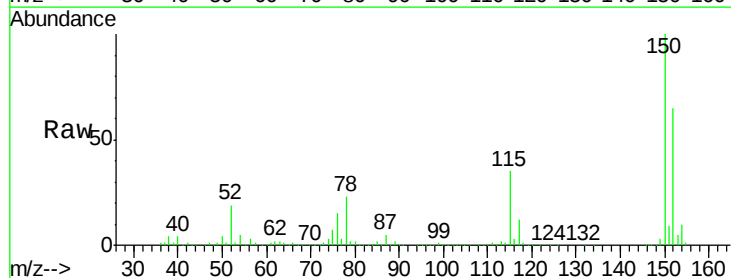


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003311.D
Acq: 11 Jul 2018 04:10

Tgt Ion:152 Resp: 194512
Ion Ratio Lower Upper
152 100
115 53.1 40.1 120.2
150 155.5 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

