

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002740.D
 Acq On : 20 Jun 2018 14:34
 Operator : JC/MD
 Sample : J3596-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21

Quant Time: Jun 21 04:36:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	284234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	258729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142261	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	136404	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
35) Dibromofluoromethane	5.51	113	109352	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.72	98	399801	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
62) 4-Bromofluorobenzene	11.14	95	136136	41.71	ug/l	0.00
Spiked Amount			Recovery	=	83.42%	

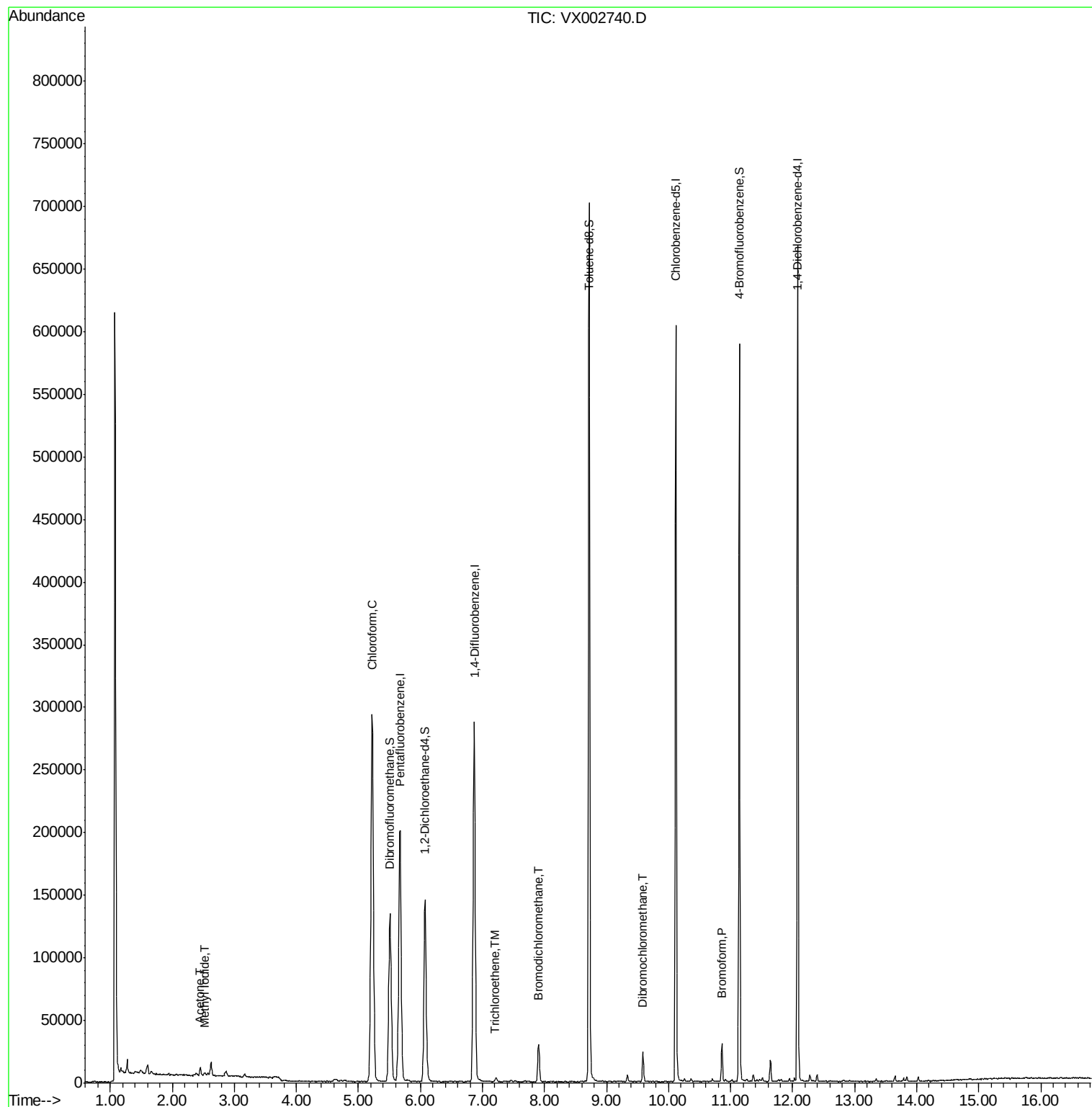
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	3008	6.01	ug/l	94
16) Acetone	2.45	43	6862	5.05	ug/l	96
30) Chloroform	5.22	83	339388	79.70	ug/l	99
44) Trichloroethene	7.21	130	1244	0.48	ug/l	77
47) Bromodichloromethane	7.90	83	17858	6.35	ug/l	92
60) Dibromochloromethane	9.59	129	9082	6.96	ug/l	96
71) Bromoform	10.86	173	11066	9.91	ug/l #	97

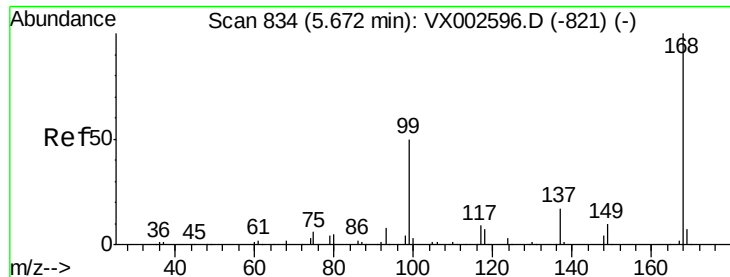
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062018\
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MW-21

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 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: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

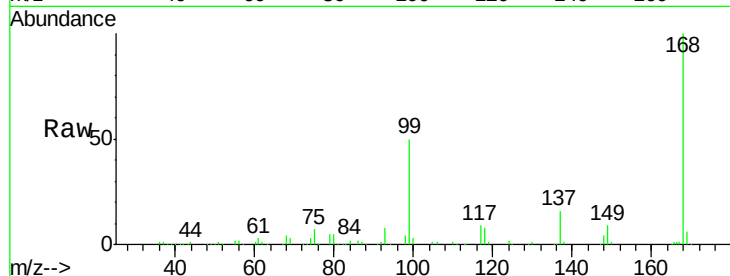
MW-21

Tot Ion:168 Resp: 202709

Ion Ratio Lower Upper

168 100

99 50.2 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

80000

60000

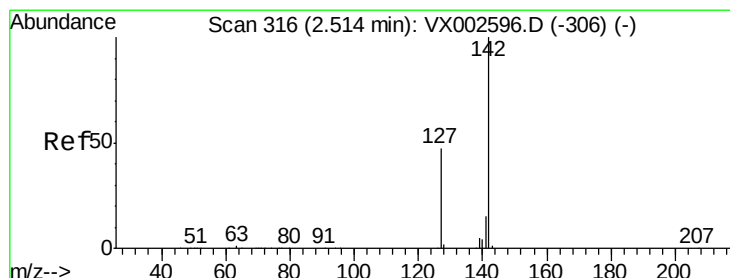
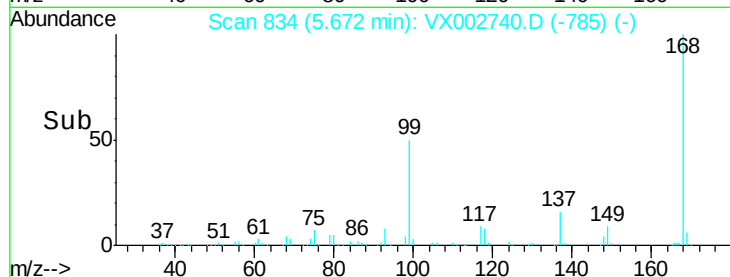
40000

20000

0

Time-->

5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.01 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

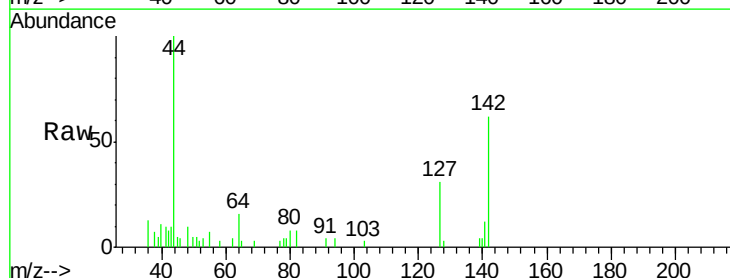
Tgt Ion:142 Resp: 3008

Ion Ratio Lower Upper

142 100

127 49.7 36.6 55.0

141 15.8 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

2.52

1500

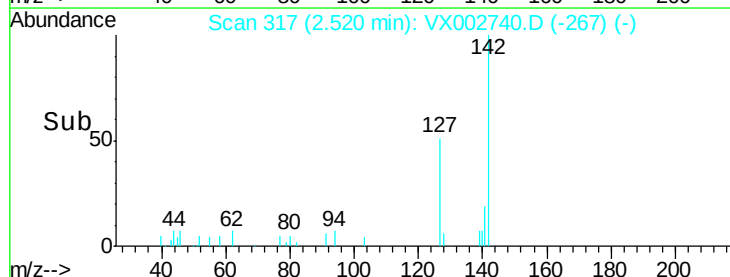
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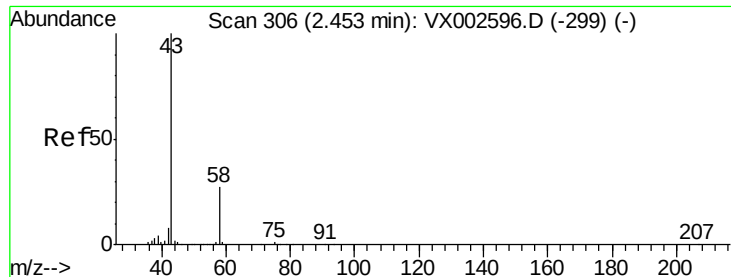
500

0

Time-->

2.45 2.50 2.55 2.60





#16

Acetone

Concen: 5.05 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

ClientSampled :

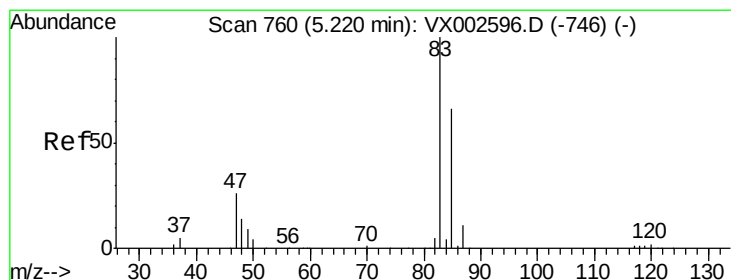
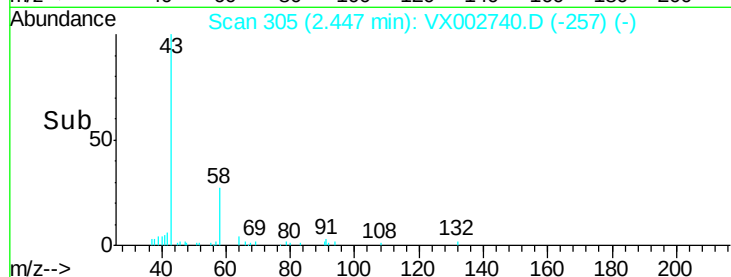
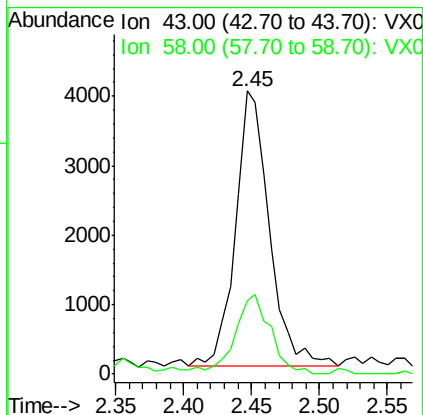
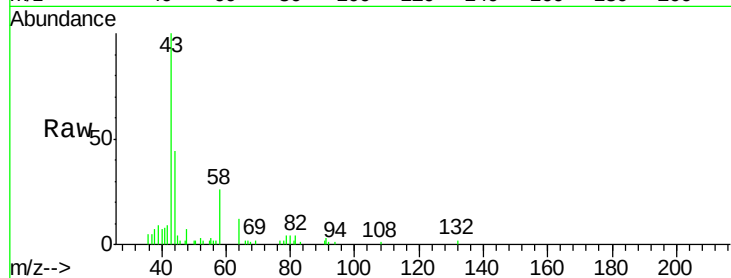
MW-21

Tot Ion: 43 Resp: 6862

Ion Ratio Lower Upper

43 100

58 25.3 22.1 33.1



#30

Chloroform

Concen: 79.70 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002740.D

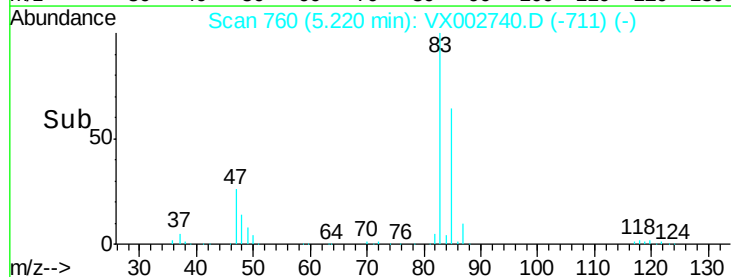
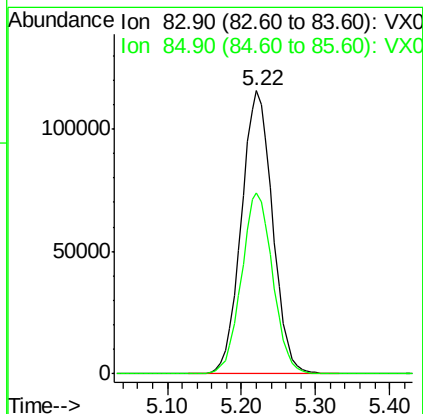
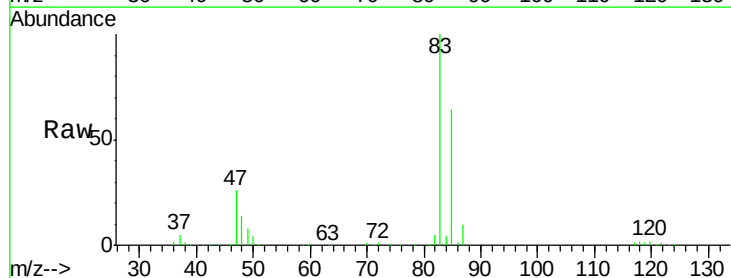
Acq: 20 Jun 2018 14:34

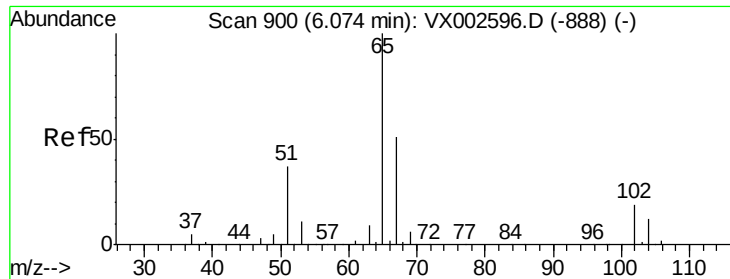
Tgt Ion: 83 Resp: 339388

Ion Ratio Lower Upper

83 100

85 64.1 50.4 75.6

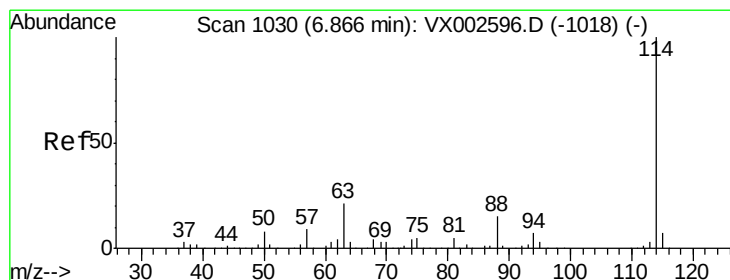
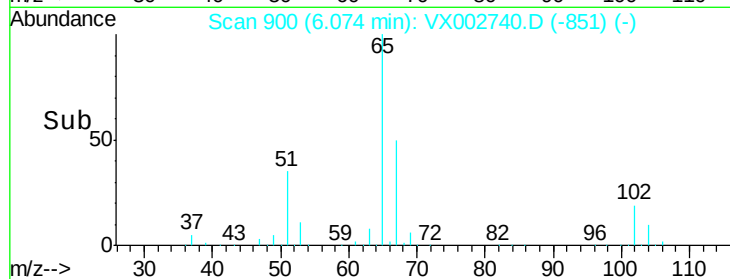
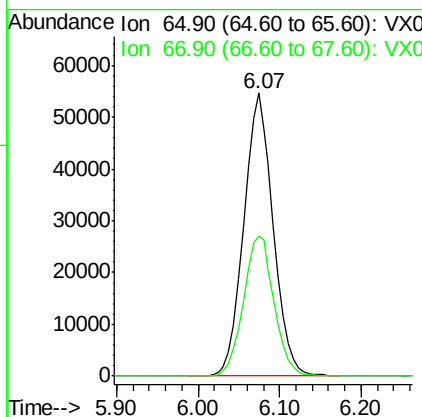
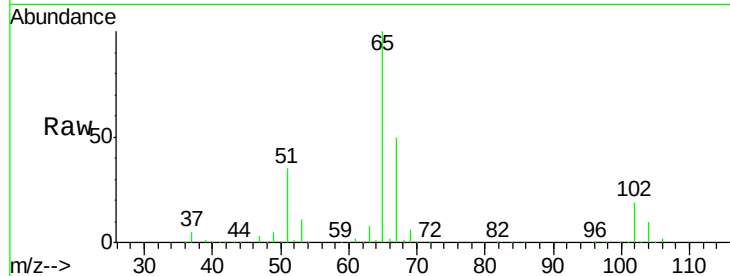




#33
 1,2-Dichloroethane-d4
 Concen: 44.28 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002740.D
 Acq: 20 Jun 2018 14:34

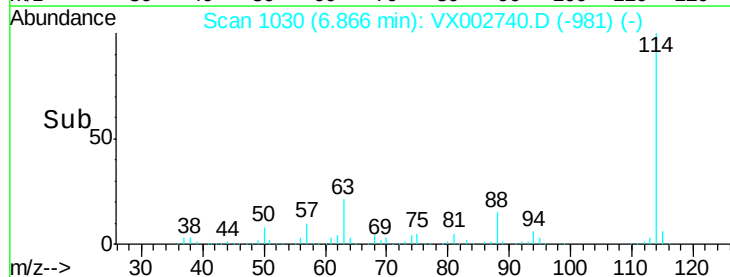
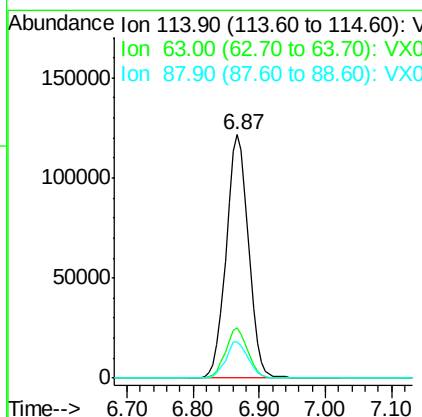
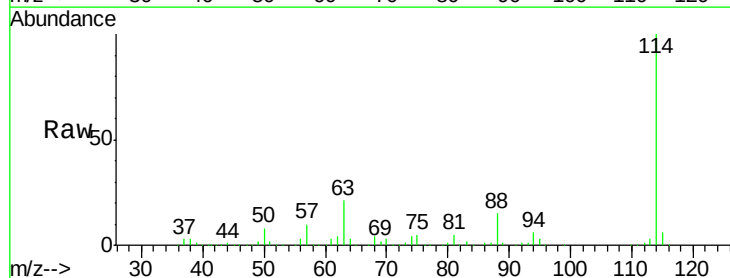
Instrument :
 MSVOA_X
 ClientSampled :
 MW-21

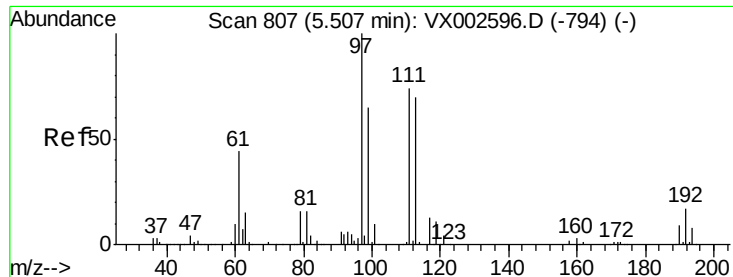
Tot Ion: 65 Resp: 136404
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002740.D
 Acq: 20 Jun 2018 14:34

Tgt Ion: 114 Resp: 284234
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.0 0.0 30.0

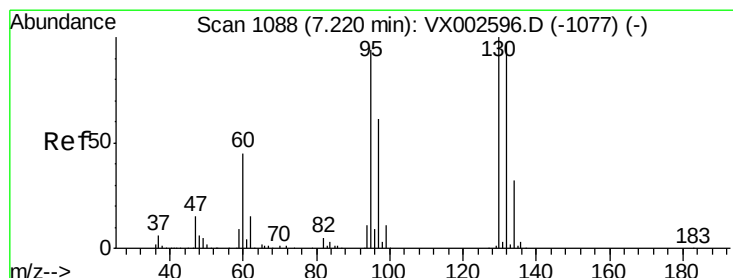
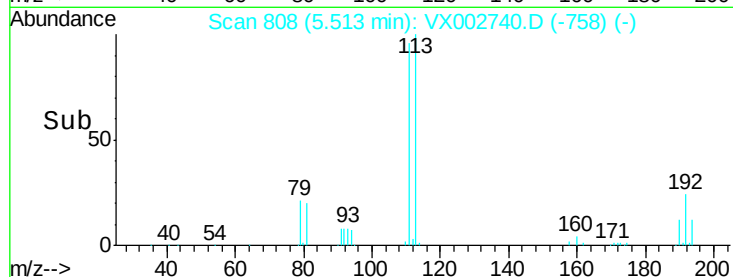
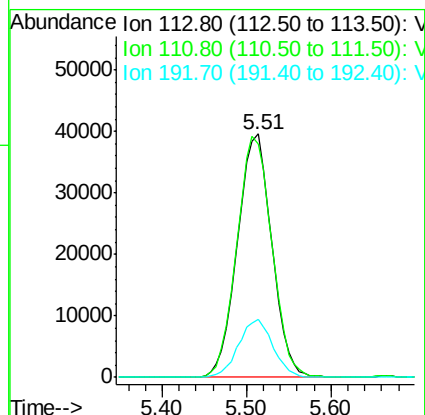
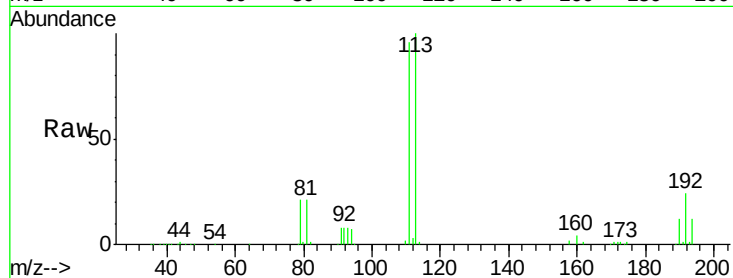




#35
 Dibromofluoromethane
 Concen: 48.21 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002740.D
 Acq: 20 Jun 2018 14:34

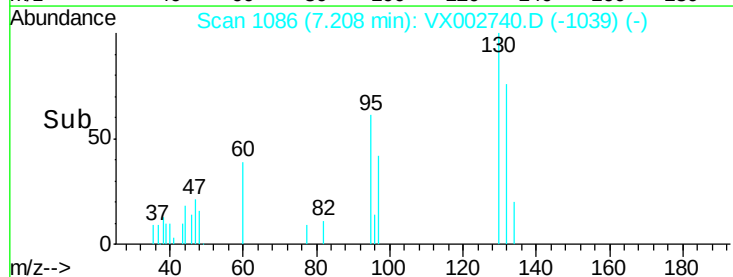
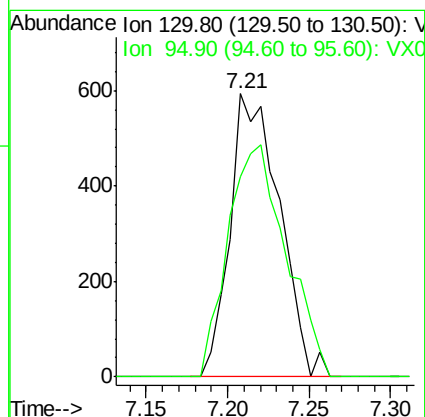
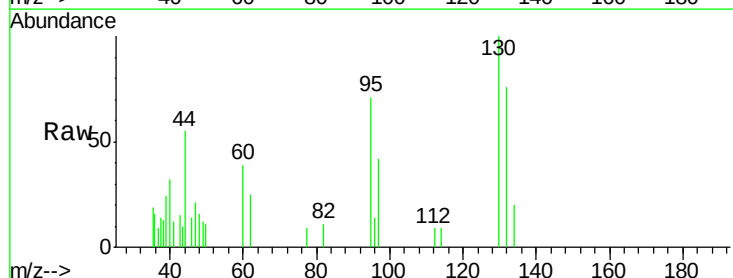
Instrument :
 MSVOA_X
 ClientSampled :
 MW-21

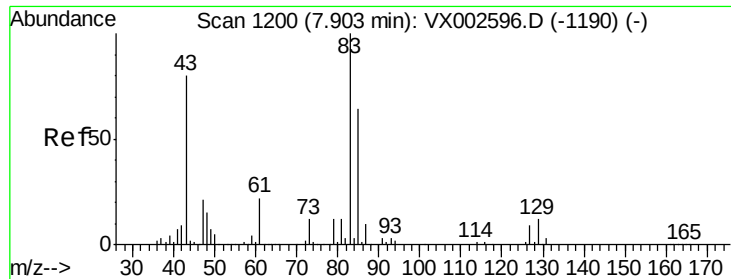
Tot Ion:113 Resp: 109352
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.4 122.0
 192 23.7 19.1 28.7



#44
 Trichloroethene
 Concen: 0.48 ug/l
 RT: 7.21 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX002740.D
 Acq: 20 Jun 2018 14:34

Tgt Ion:130 Resp: 1244
 Ion Ratio Lower Upper
 130 100
 95 70.8 0.0 185.4





#47

Bromodichloromethane

Concen: 6.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

MW-21

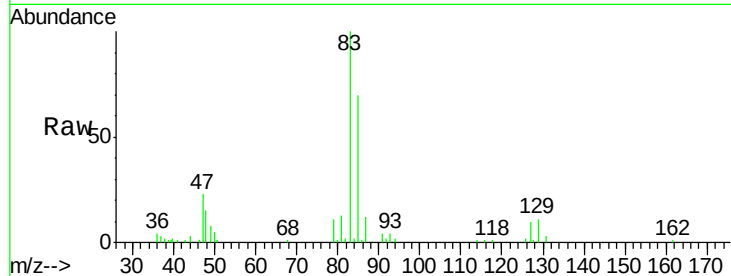
Tot Ion: 83 Resp: 17858

Ion Ratio Lower Upper

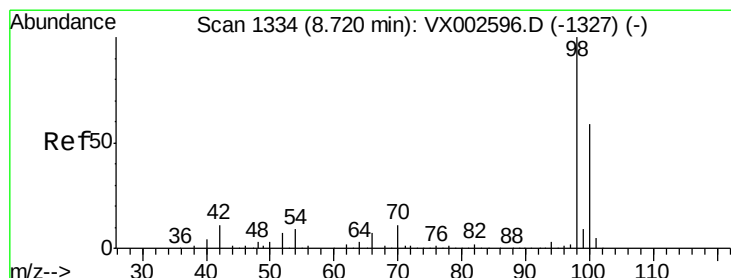
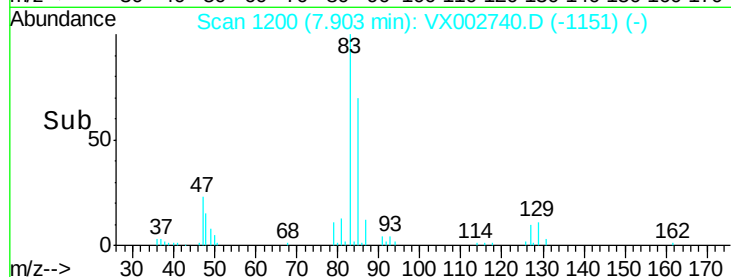
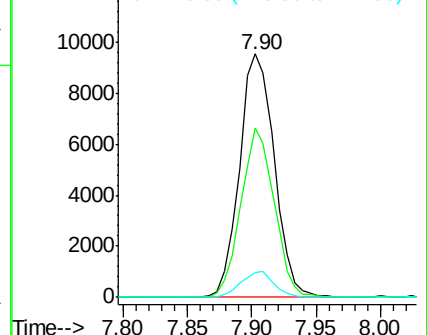
83 100

85 69.8 50.3 75.5

127 10.3 7.0 10.4



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: 46.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002740.D

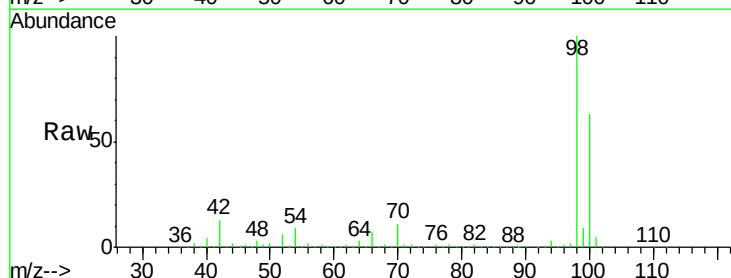
Acq: 20 Jun 2018 14:34

Tgt Ion: 98 Resp: 399801

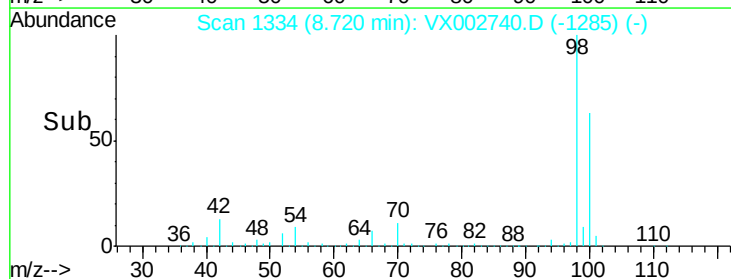
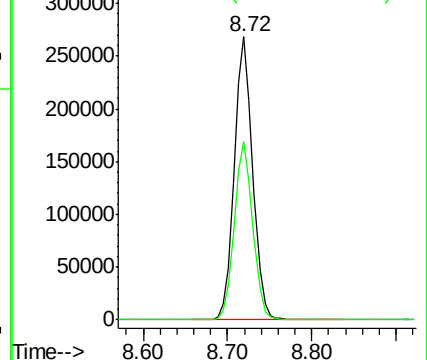
Ion Ratio Lower Upper

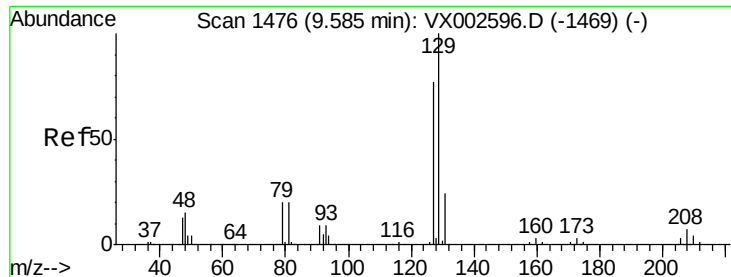
98 100

100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

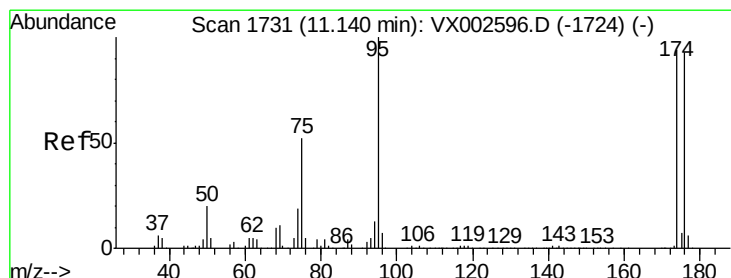
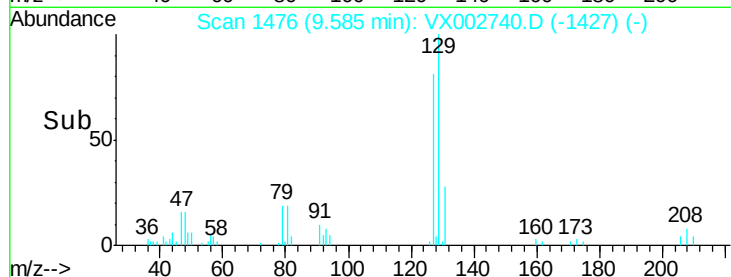
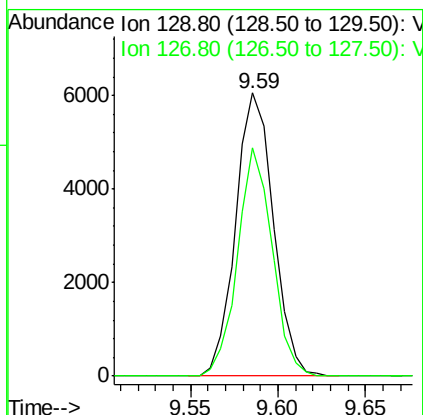
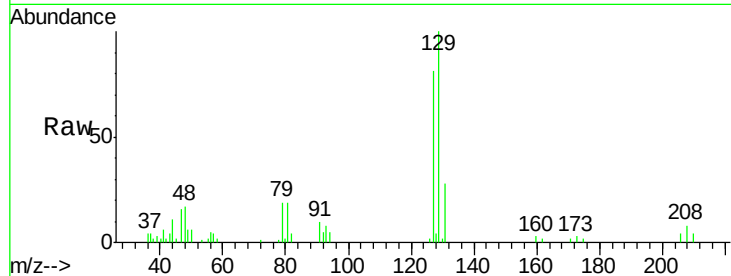




#60
 Dibromochloromethane
 Concen: 6.96 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX002740.D
 Acq: 20 Jun 2018 14:34

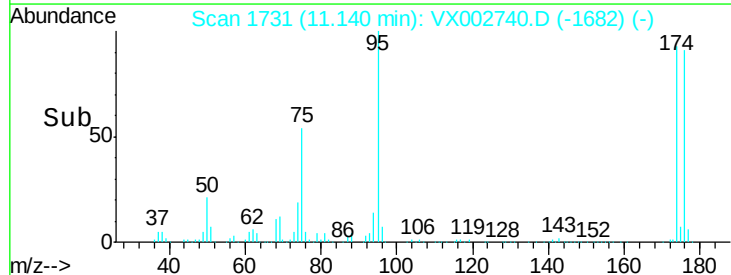
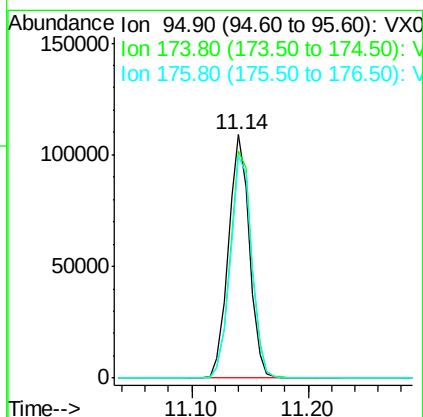
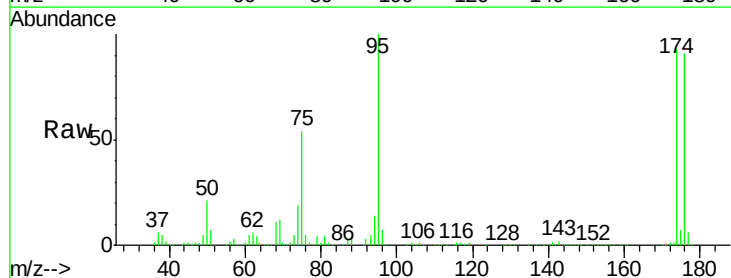
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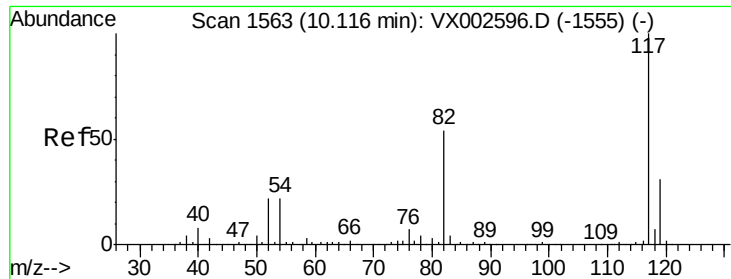
Tot Ion:129 Resp: 9082
 Ion Ratio Lower Upper
 129 100
 127 73.8 38.5 115.3



#62
 4-Bromofluorobenzene
 Concen: 41.71 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002740.D
 Acq: 20 Jun 2018 14:34

Tgt Ion: 95 Resp: 136136
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 187.4
 176 93.4 0.0 181.0

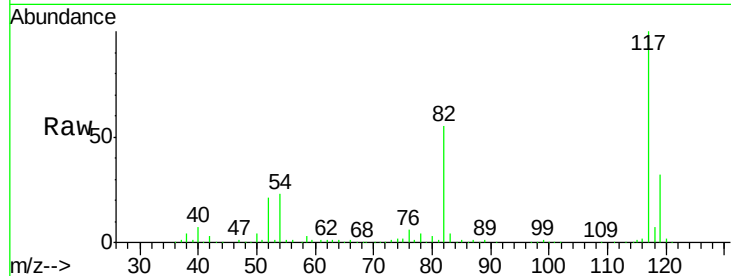




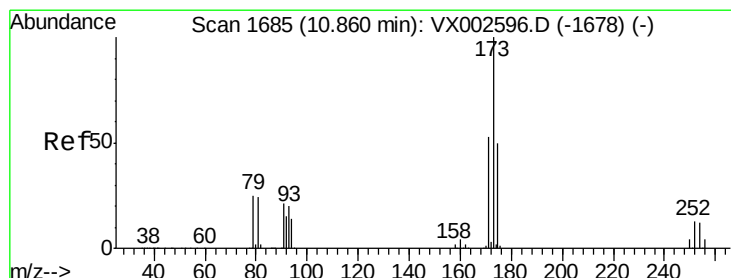
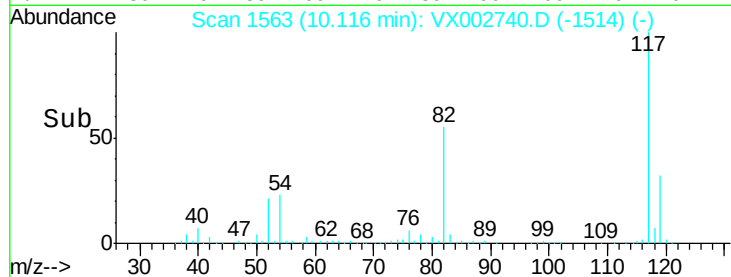
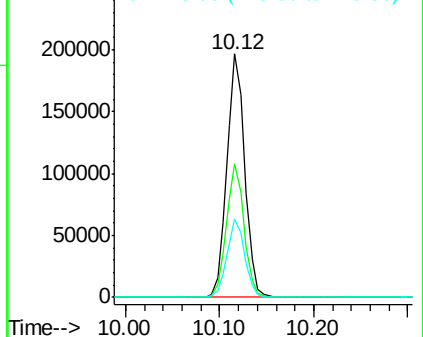
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Instrument :
MSVOA_X
ClientSampled :
MW-21

Tot Ion:117 Resp: 258729
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.3 25.8 38.6

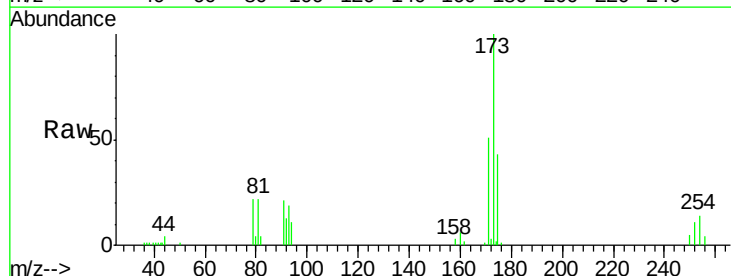


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

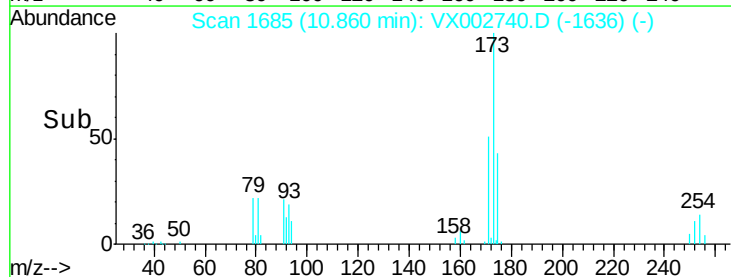
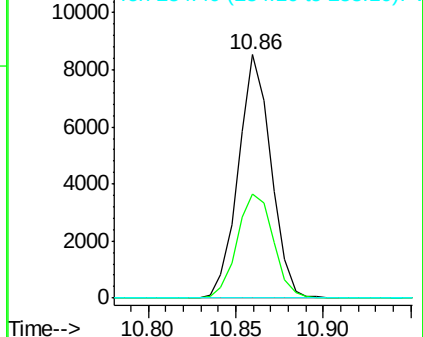


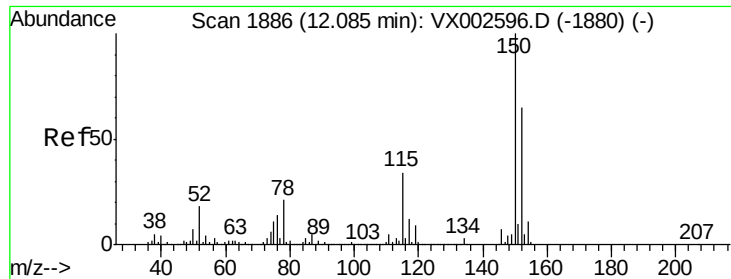
#71
Bromoform
Concen: 9.91 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002740.D
Acq: 20 Jun 2018 14:34

Tgt Ion:173 Resp: 11066
Ion Ratio Lower Upper
173 100
175 47.5 24.7 74.1
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: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002740.D

Acq: 20 Jun 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

MW-21

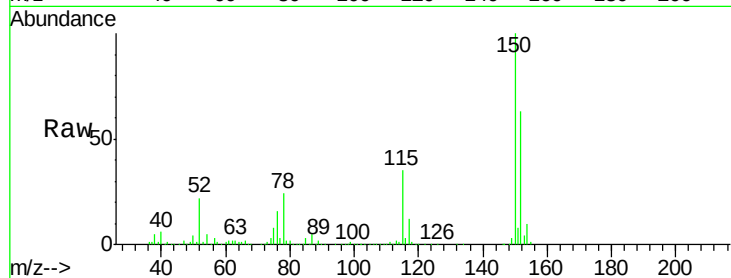
Tot Ion:152 Resp: 142261

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

150 155.1 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

