

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000657.D
 Acq On : 03 Apr 2018 19:37
 Operator : JC/MD
 Sample : J2127-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DL

Quant Time: Apr 04 12:24:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

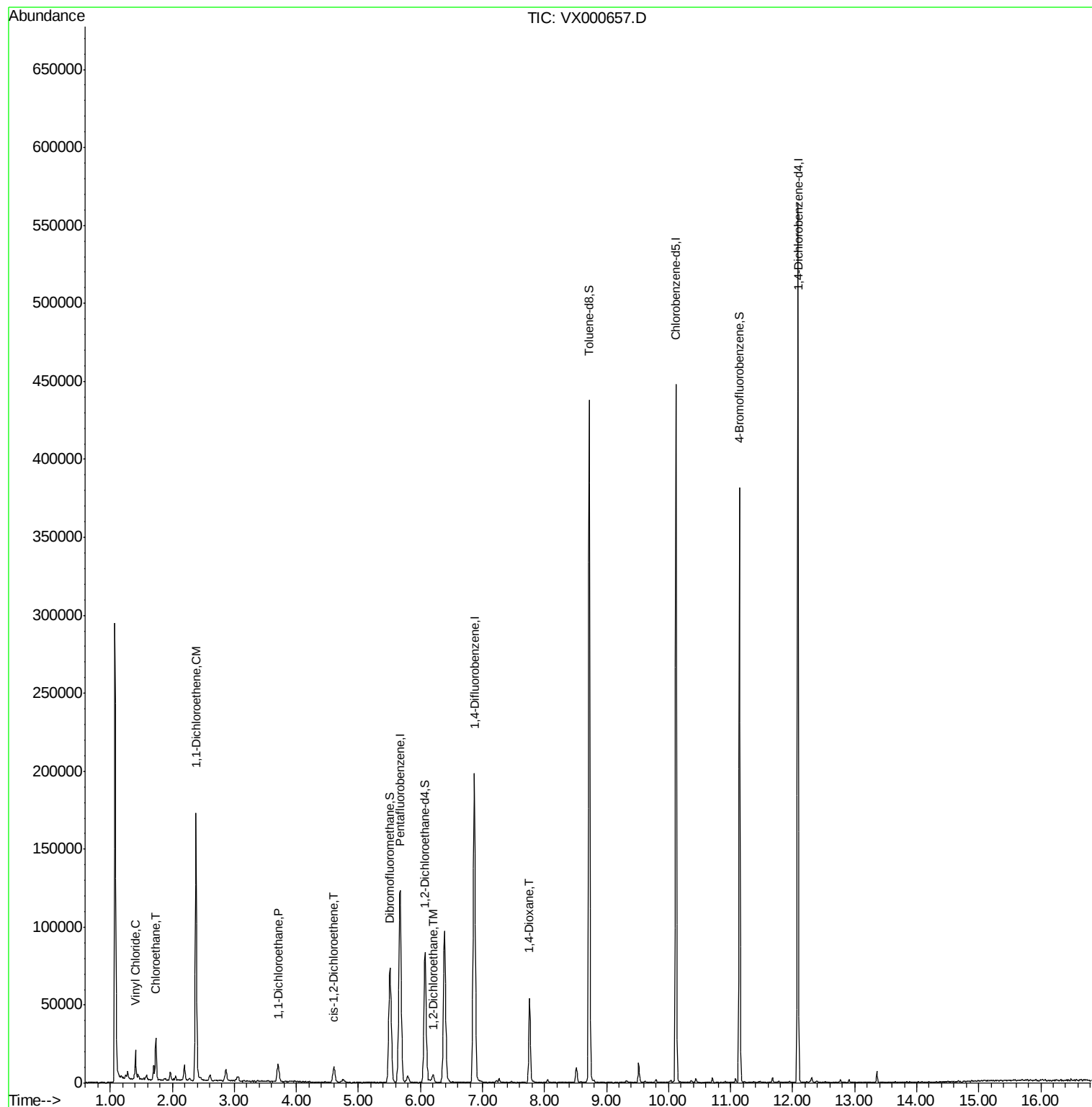
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	116709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74795	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	5.51	113	58217	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	8.72	98	247973	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.15	95	84659	41.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.10%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	11684	8.160	ug/l	97
6) Chloroethane	1.73	64	16835	20.548	ug/l	91
12) 1,1-Dichloroethene	2.38	96	51859	40.995	ug/l	95
24) 1,1-Dichloroethane	3.71	63	10924	4.394	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	5799	4.397	ug/l	86
42) 1,2-Dichloroethane	6.20	62	4962	2.410	ug/l	91
49) 1,4-Dioxane	7.76	88	38779	1034.108	ug/l	95

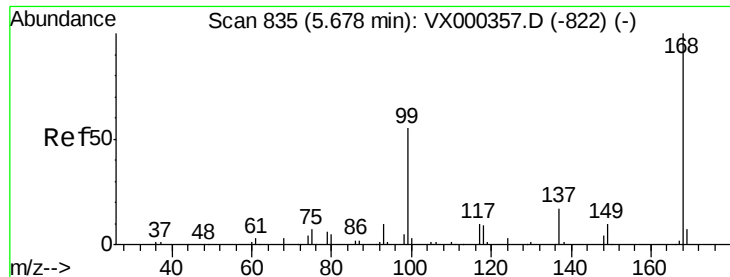
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000657.D

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Instrument :

MSVOA_X

ClientSampleId :

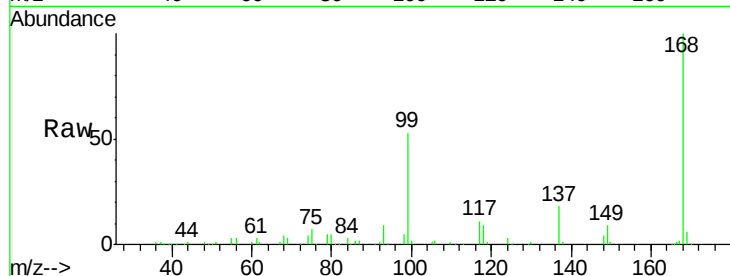
MW-1DL

Tgt Ion:168 Resp: 116709

Ion Ratio Lower Upper

168 100

99 52.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

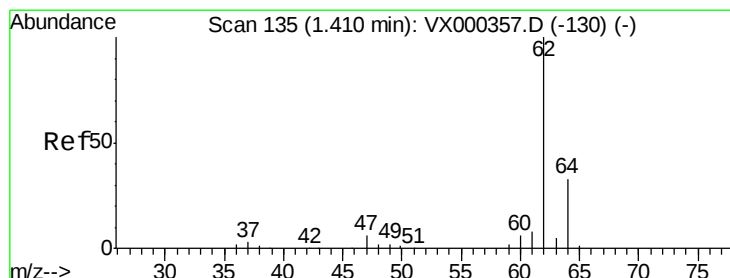
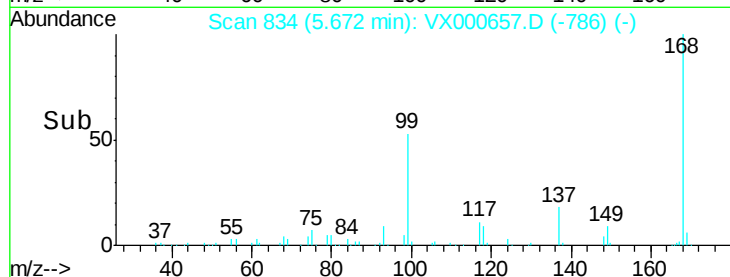
20000

10000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 8.160 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000657.D

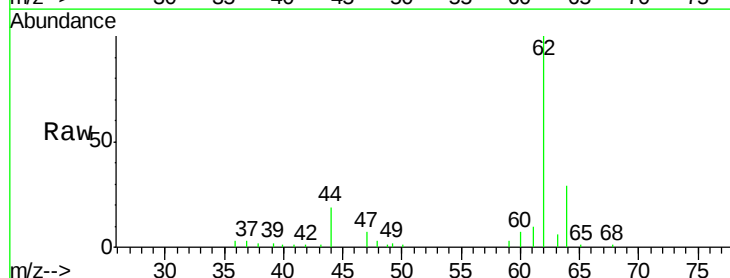
Acq: 03 Apr 2018 19:37

Tgt Ion: 62 Resp: 11684

Ion Ratio Lower Upper

62 100

64 29.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

12000

10000

8000

6000

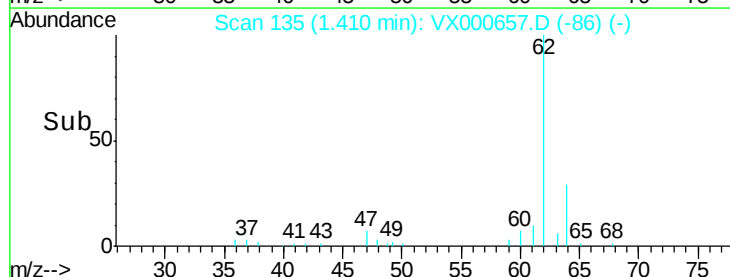
4000

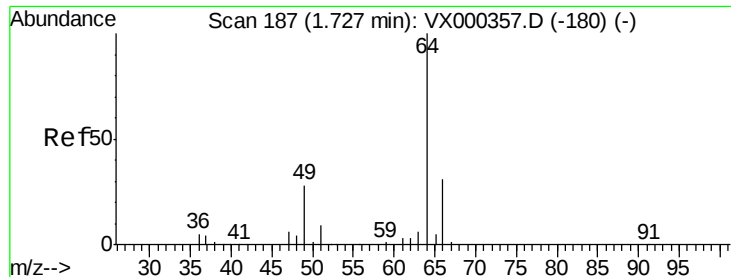
2000

0

Time-->

1.35 1.40 1.45 1.50





#6

Chloroethane

Concen: 20.548 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

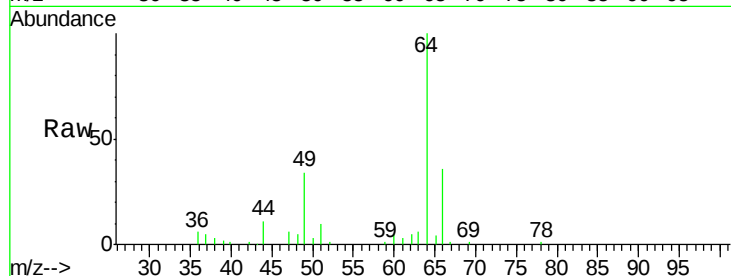
MW-1DL

Tgt Ion: 64 Resp: 16835

Ion Ratio Lower Upper

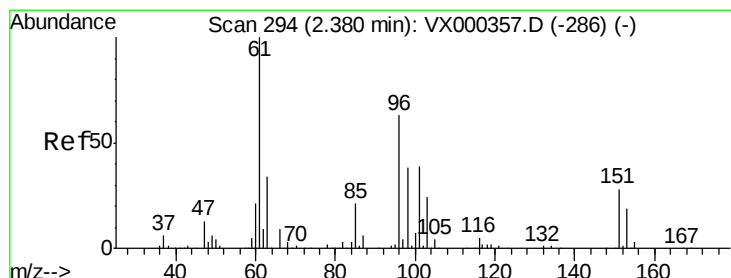
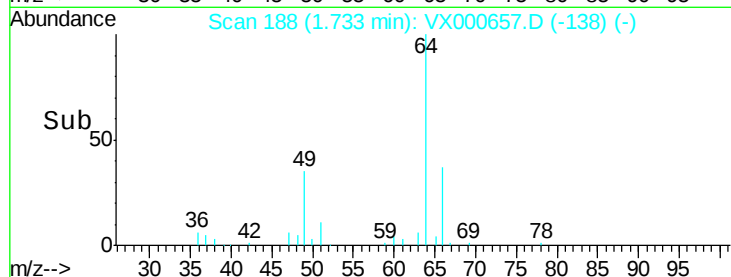
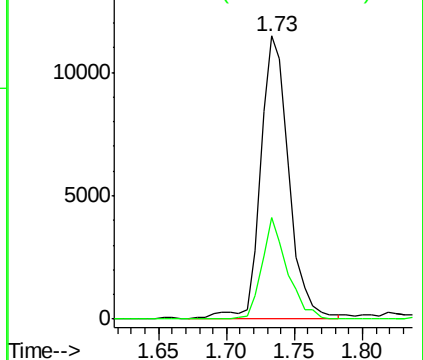
64 100

66 36.0 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#12

1,1-Dichloroethene

Concen: 40.995 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

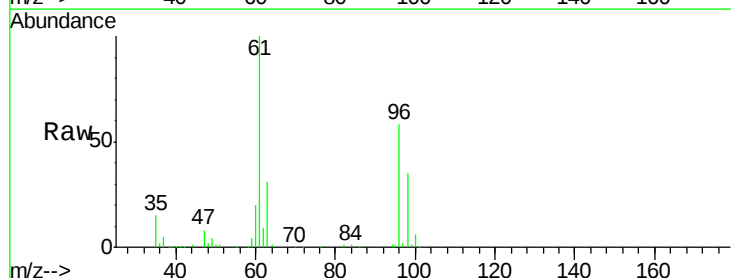
Tgt Ion: 96 Resp: 51859

Ion Ratio Lower Upper

96 100

61 171.8 131.2 196.8

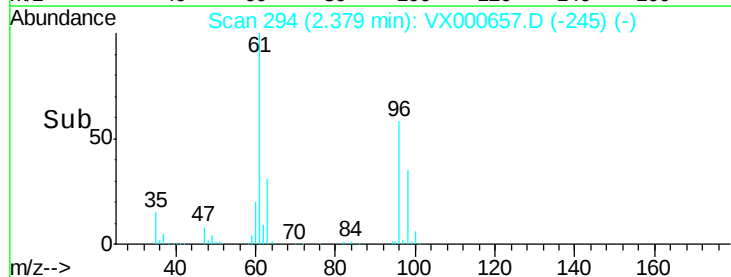
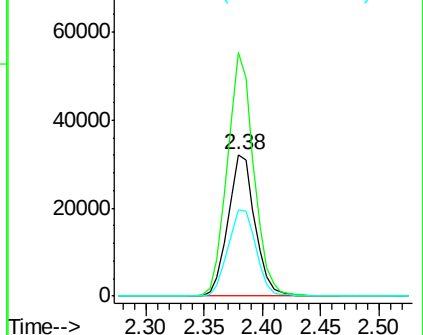
98 60.5 49.8 74.8

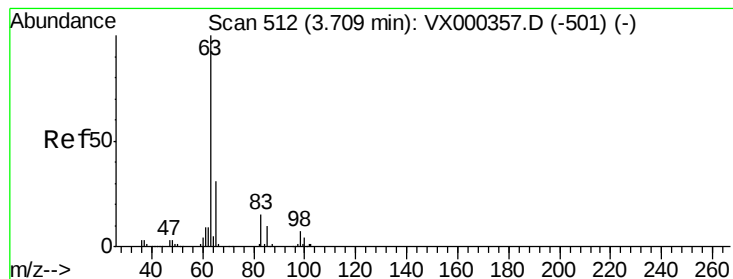


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 4.394 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

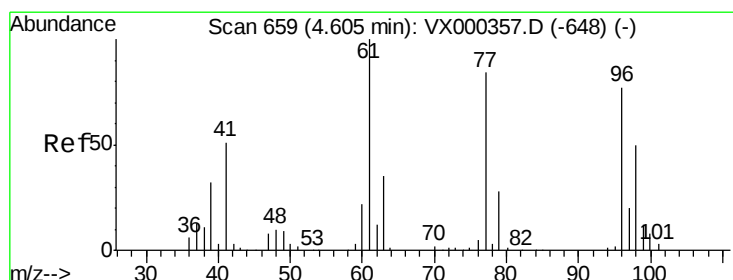
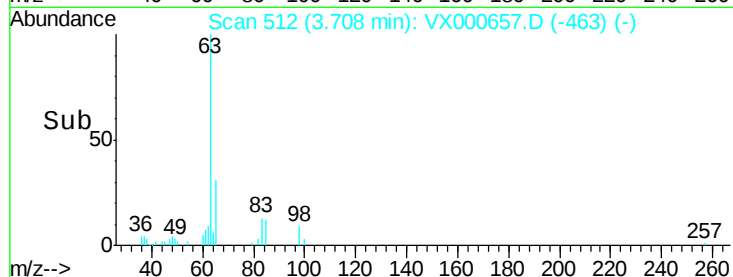
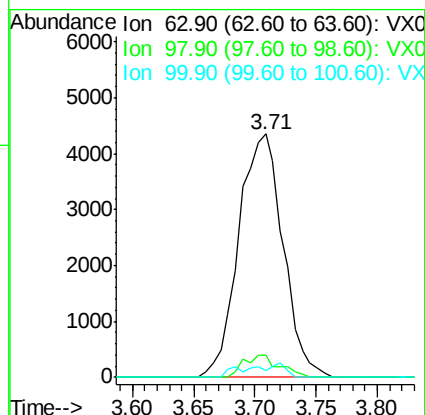
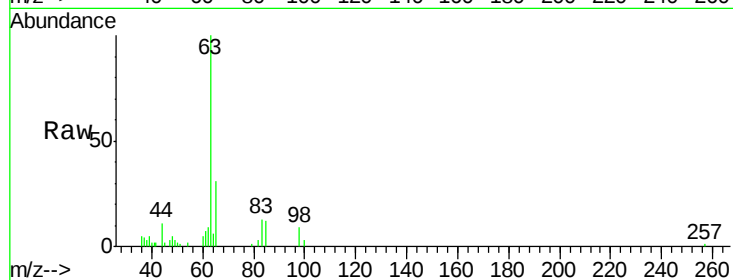
Instrument :

MSVOA_X

ClientSampled :

MW-1DL

Tgt Ion:	63	Resp:	10924
Ion	Ratio	Lower	Upper
63	100		
98	8.9	3.3	9.9
100	2.9	2.0	5.8



#27

cis-1,2-Dichloroethene

Concen: 4.397 ug/l

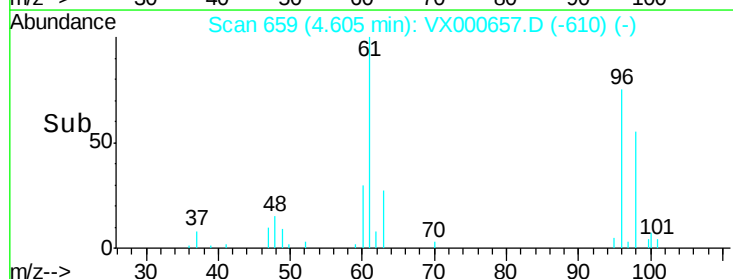
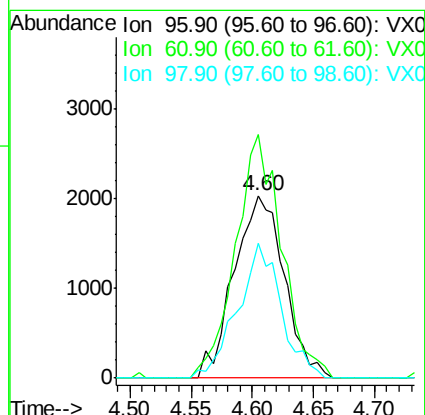
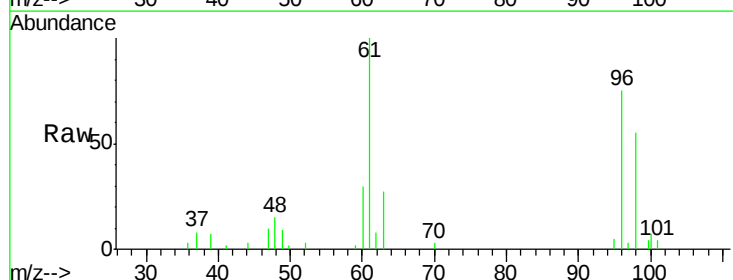
RT: 4.60 min Scan# 659

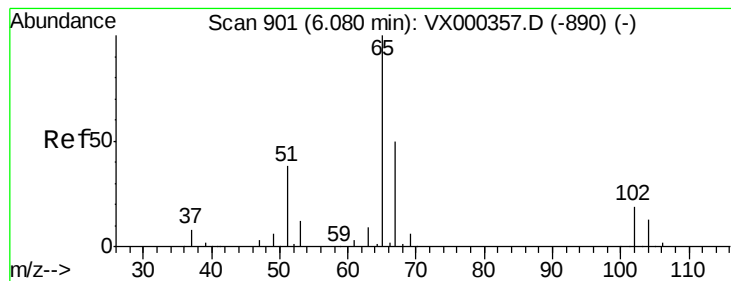
Delta R.T. -0.00 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

Tgt Ion:	96	Resp:	5799
Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	291.6
98	64.2	0.0	132.0





#33

1,2-Dichloroethane-d4

Concen: 49.095 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

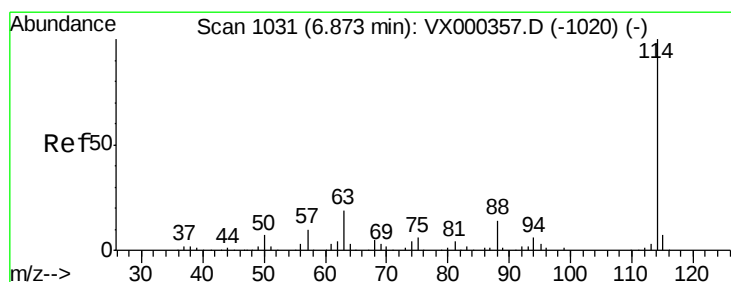
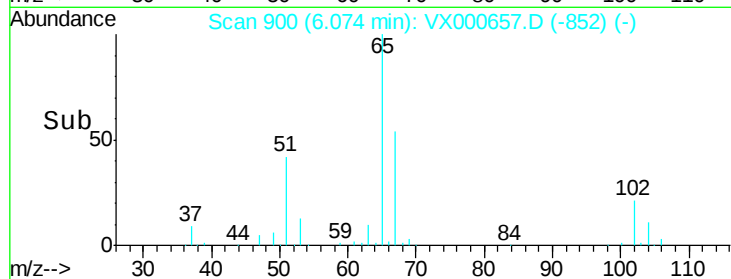
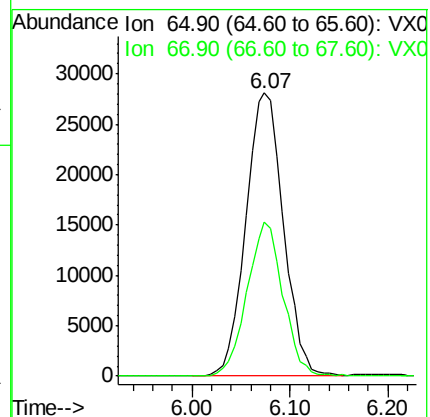
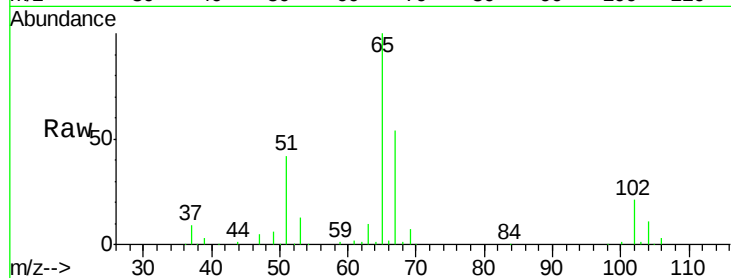
MW-1DL

Tgt Ion: 65 Resp: 74795

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

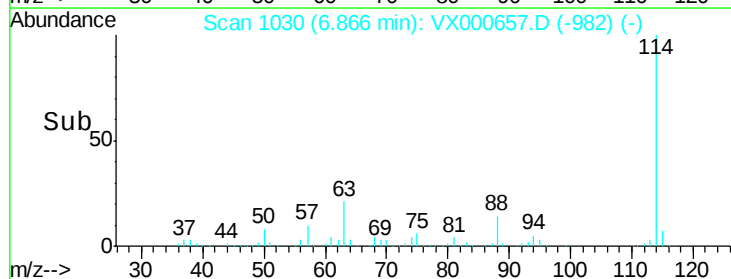
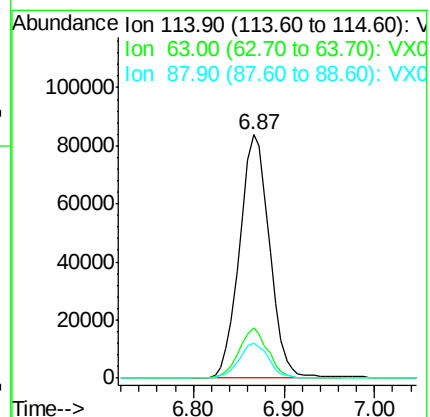
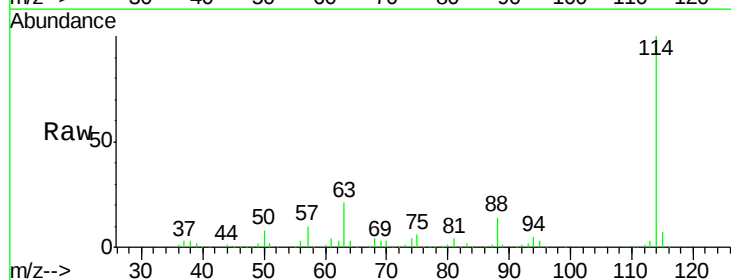
Tgt Ion: 114 Resp: 192937

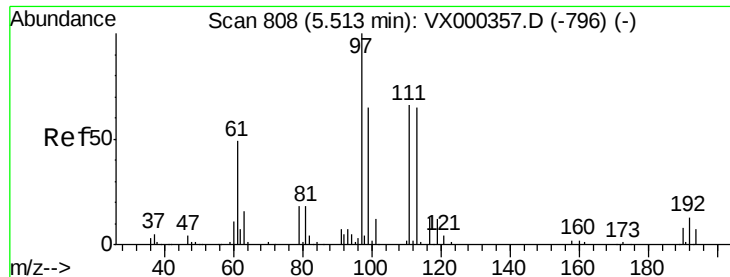
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 14.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.889 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

MW-1DL

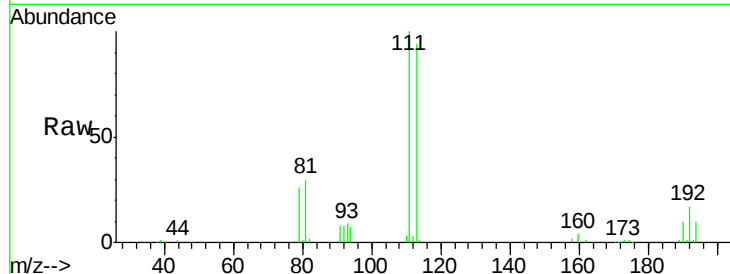
Tgt Ion:113 Resp: 58217

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

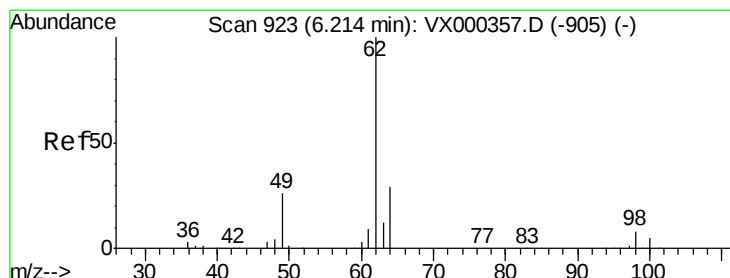
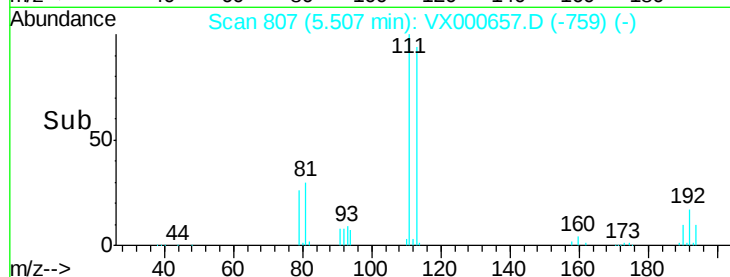
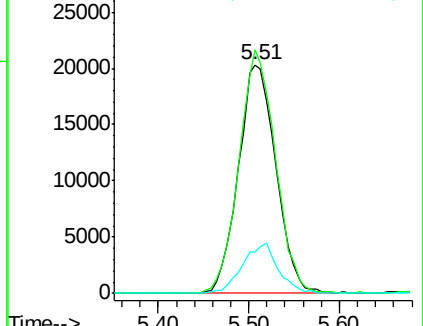
192 20.6 15.8 23.6



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



#42

1,2-Dichloroethane

Concen: 2.410 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000657.D

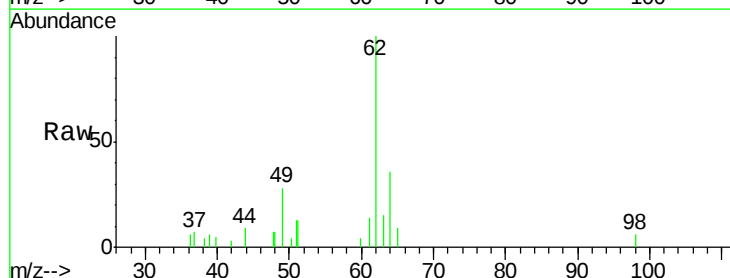
Acq: 03 Apr 2018 19:37

Tgt Ion: 62 Resp: 4962

Ion Ratio Lower Upper

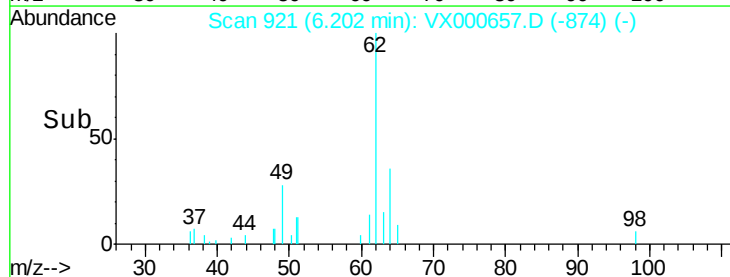
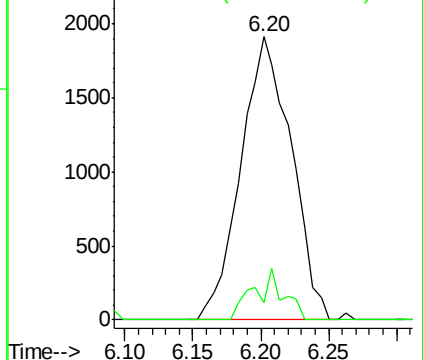
62 100

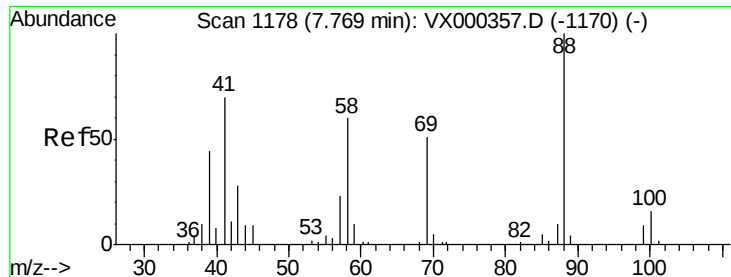
98 4.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 1034.108 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX000657.D

Acq: 03 Apr 2018 19:37

Instrument :

MSVOA_X

ClientSampled :

MW-1DL

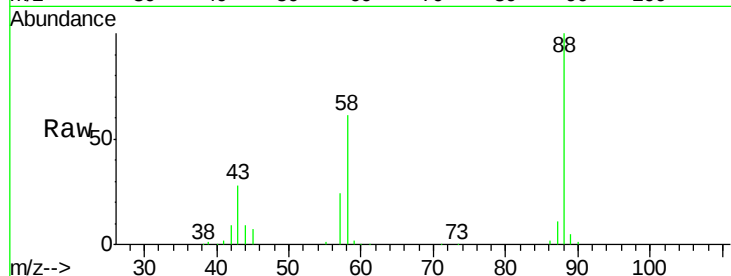
Tgt Ion: 88 Resp: 38779

Ion Ratio Lower Upper

88 100

43 28.4 26.8 40.2

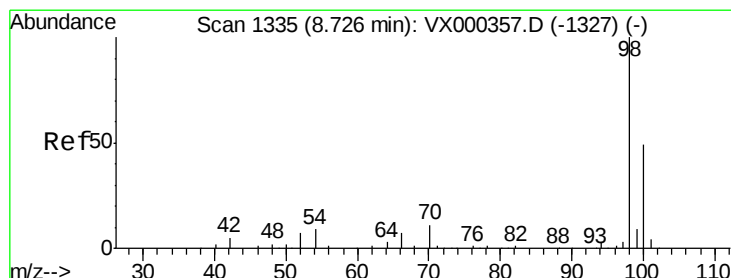
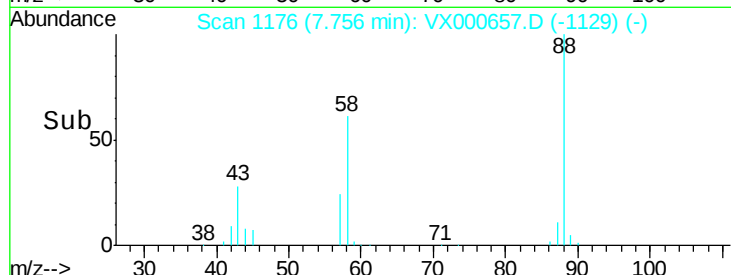
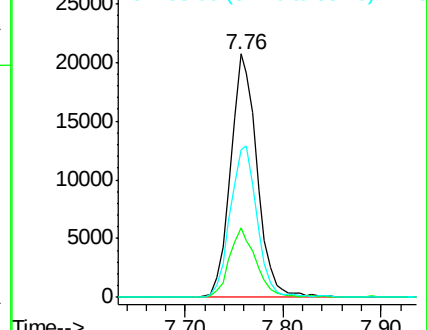
58 62.6 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.251 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000657.D

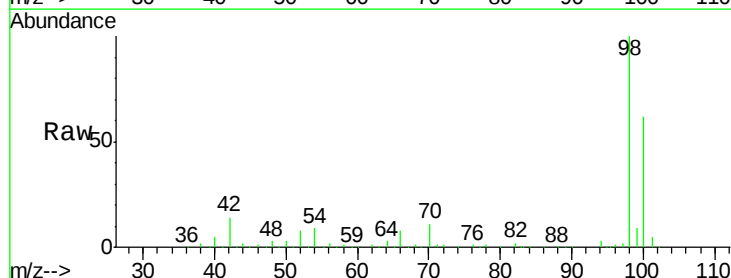
Acq: 03 Apr 2018 19:37

Tgt Ion: 98 Resp: 247973

Ion Ratio Lower Upper

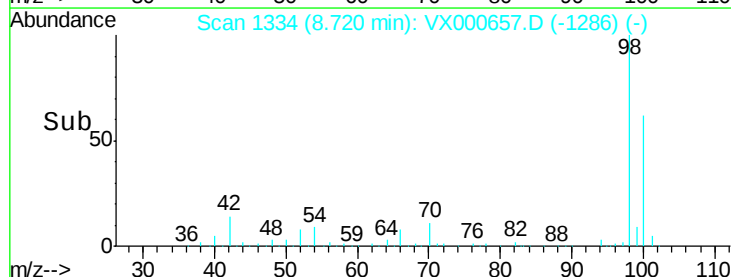
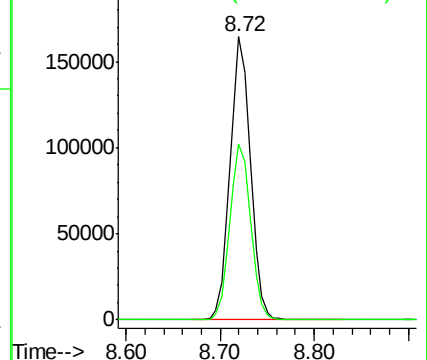
98 100

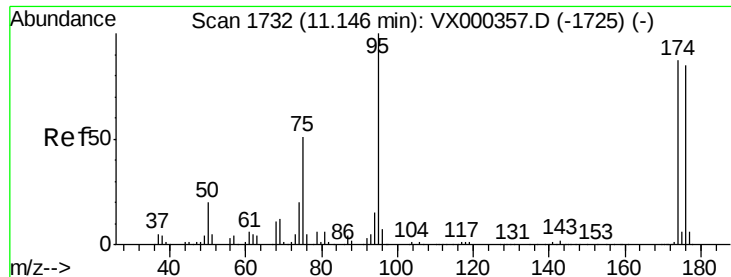
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

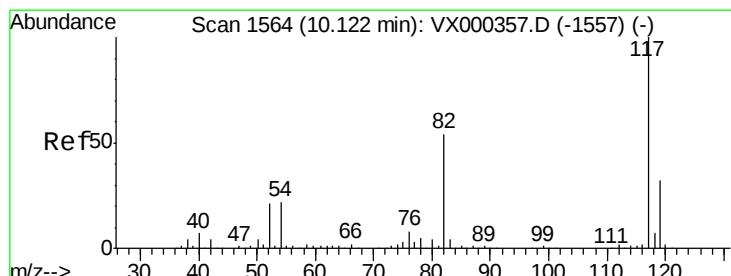
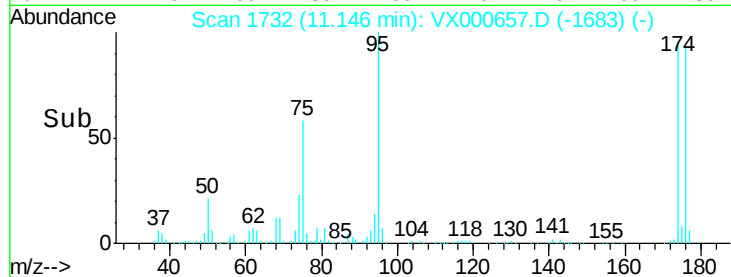
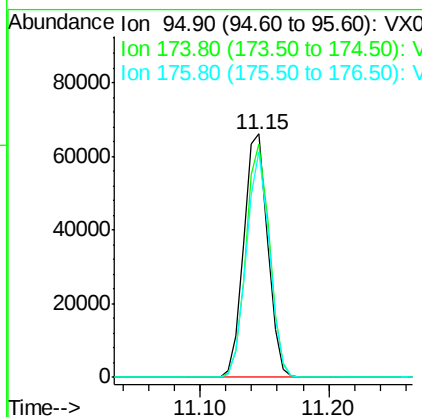
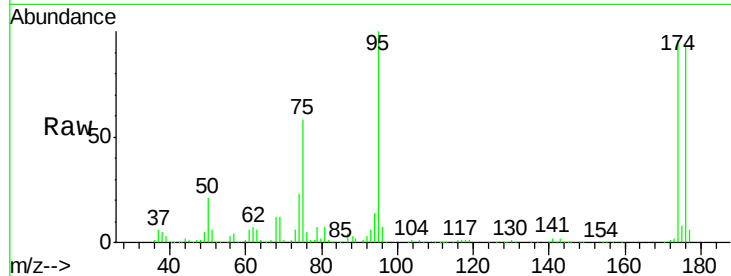




#62
4-Bromofluorobenzene
Concen: 41.053 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000657.D
Acq: 03 Apr 2018 19:37

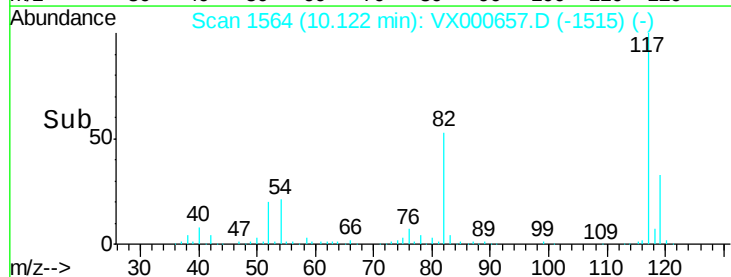
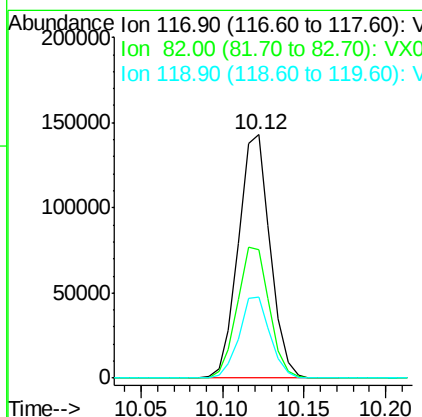
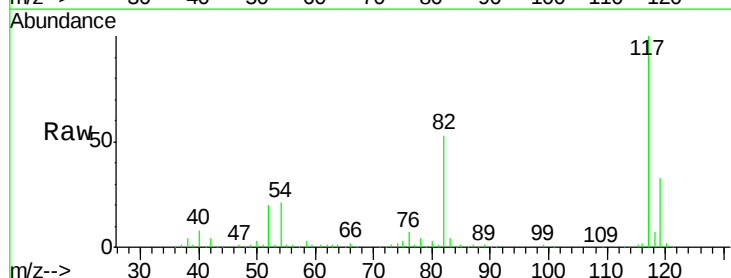
Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

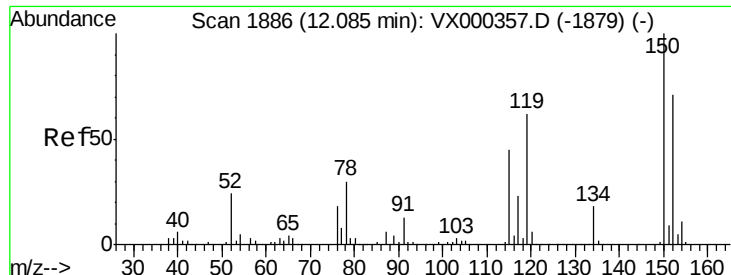
Tgt Ion: 95 Resp: 84659
Ion Ratio Lower Upper
95 100
174 93.8 0.0 173.6
176 89.1 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000657.D
Acq: 03 Apr 2018 19:37

Tgt Ion: 117 Resp: 194298
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.8
119 33.1 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000657.D
 Acq: 03 Apr 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DL

Tgt Ion:	152	Resp:	104666
Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.8	119.3
150	157.8	0.0	344.4

