

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052346.D
 Acq On : 15 Nov 2018 17:06
 Operator : MD\SY
 Sample : J5942-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VW-F2

Quant Time: Nov 16 04:09:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	320437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	540793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	460139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	225892	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.59	113	178490	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.09	98	684437	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	192698	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	

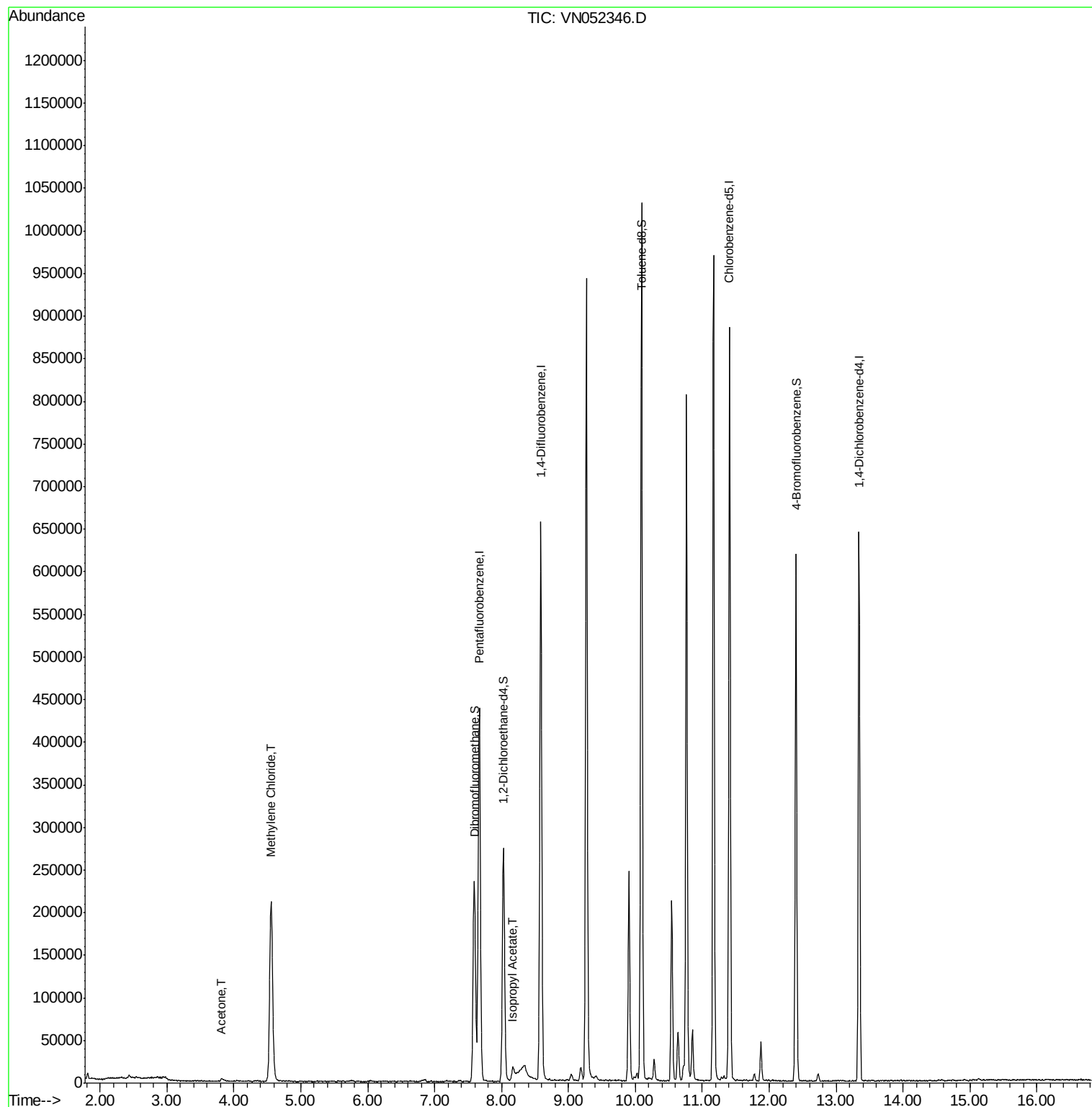
Target Compounds						Qvalue
16) Acetone	3.82	43	5126	4.11	ug/l #	84
20) Methylene Chloride	4.56	84	141699	37.20	ug/l	97
43) Isopropyl Acetate	8.17	43	26478	3.49	ug/l #	87

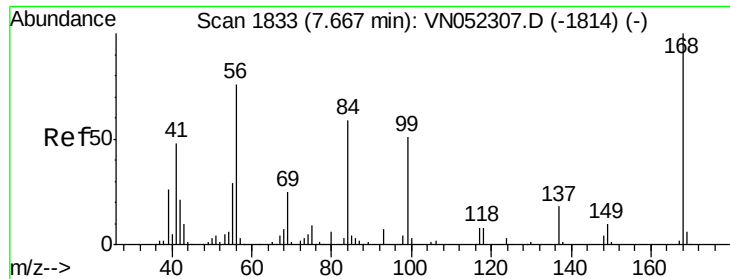
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052346.D

Acq: 15 Nov 2018 17:06

Instrument :

MSVOA_N

ClientSampled :

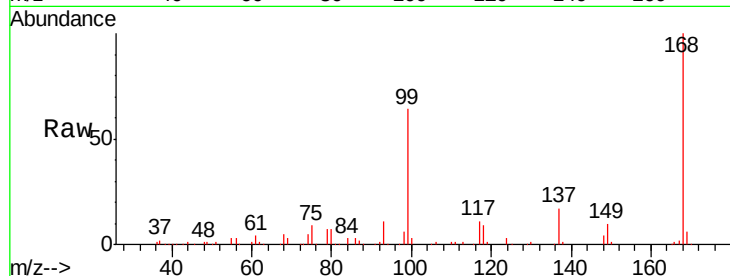
VW-F2

Tgt Ion:168 Resp: 320437

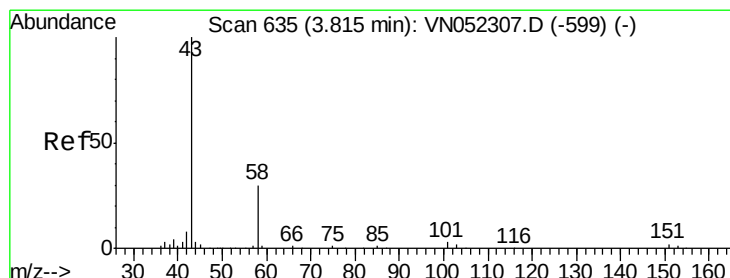
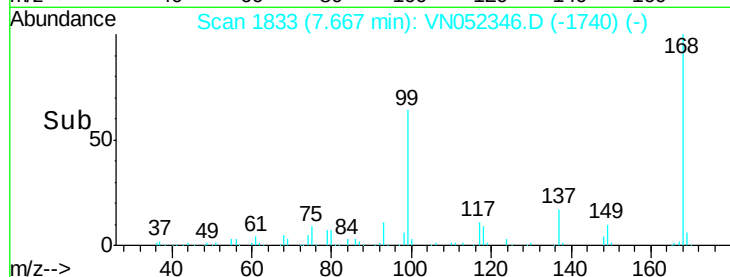
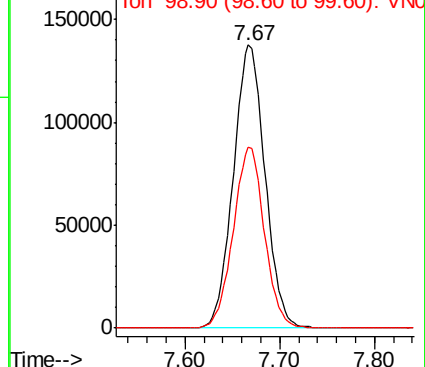
Ion Ratio Lower Upper

168 100

99 63.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052346.D (-1740) (-)



#16

Acetone

Concen: 4.11 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052346.D

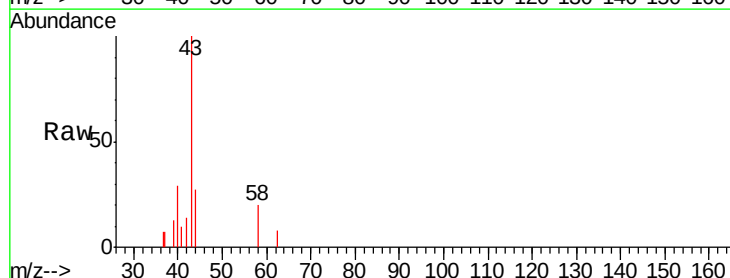
Acq: 15 Nov 2018 17:06

Tgt Ion: 43 Resp: 5126

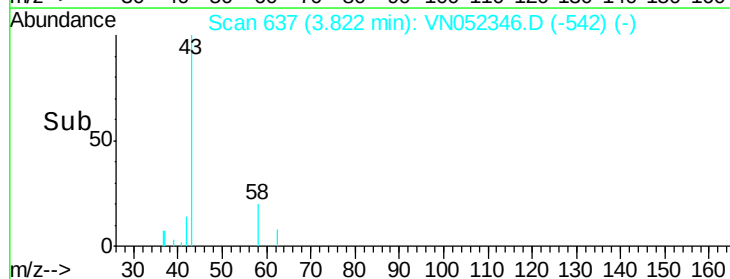
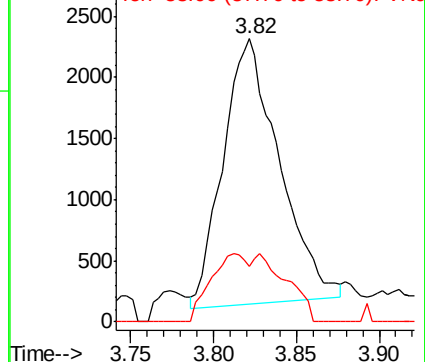
Ion Ratio Lower Upper

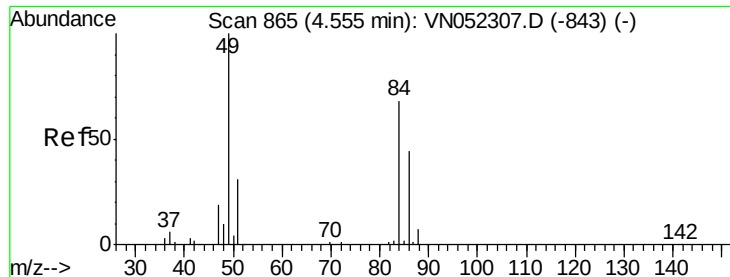
43 100

58 21.6 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052346.D (-542) (-)

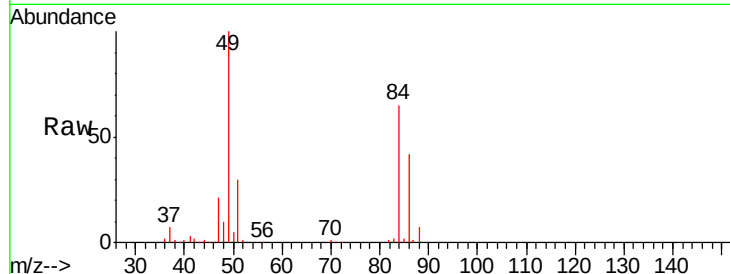




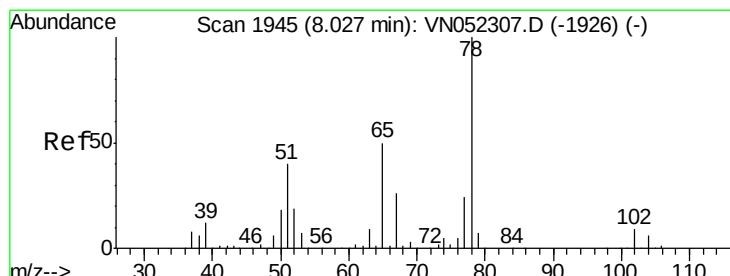
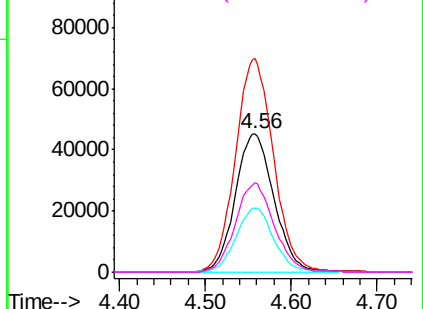
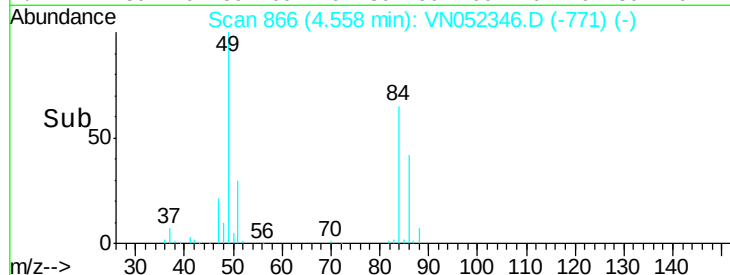
#20
Methylene Chloride
Concen: 37.20 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052346.D
Acq: 15 Nov 2018 17:06

Instrument :
MSVOA_N
ClientSampled :
VW-F2

Tgt Ion: 84 Resp: 141699
Ion Ratio Lower Upper
84 100
49 154.1 118.2 177.2
51 46.5 36.1 54.1
86 65.0 51.6 77.4

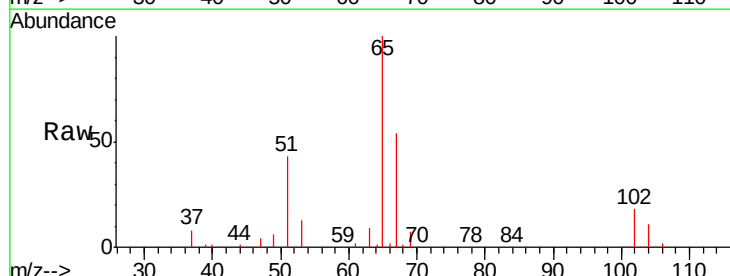


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

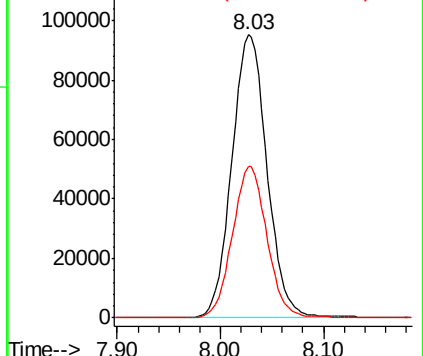
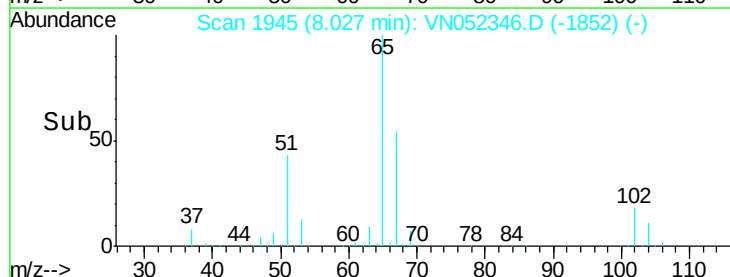


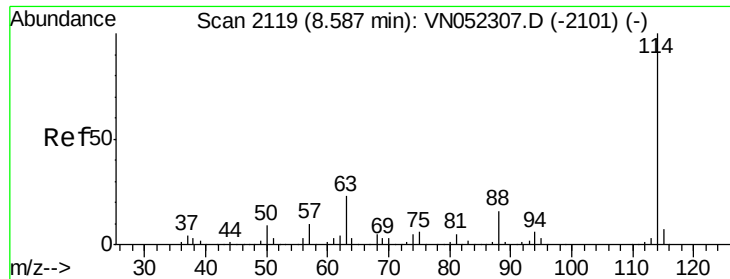
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052346.D
Acq: 15 Nov 2018 17:06

Tgt Ion: 65 Resp: 225892
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052346.D

Acq: 15 Nov 2018 17:06

Instrument :

MSVOA_N

ClientSampleId :

VW-F2

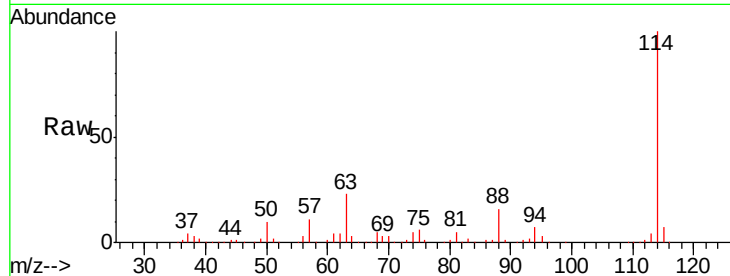
Tgt Ion:114 Resp: 540793

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.4

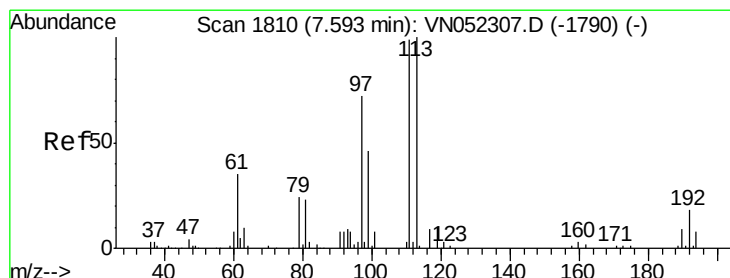
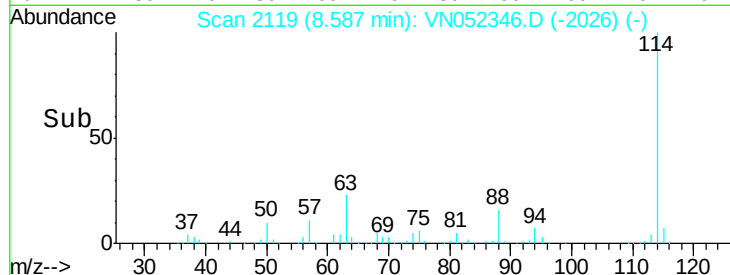
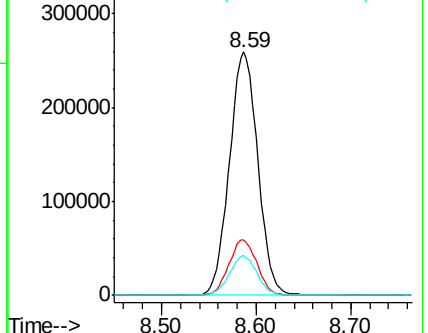
88 16.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052346.D

Acq: 15 Nov 2018 17:06

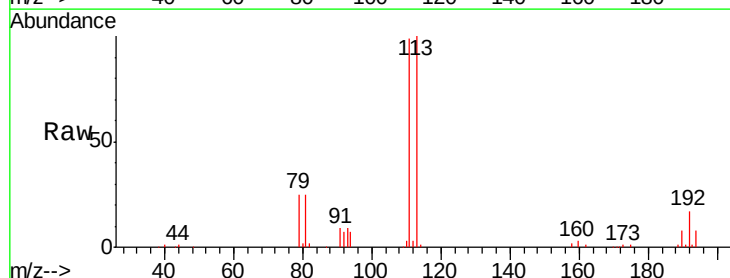
Tgt Ion:113 Resp: 178490

Ion Ratio Lower Upper

113 100

111 99.5 81.0 121.6

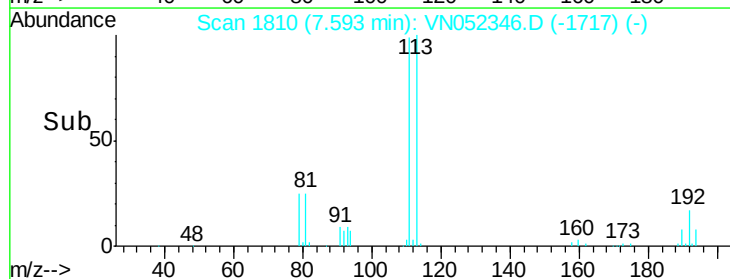
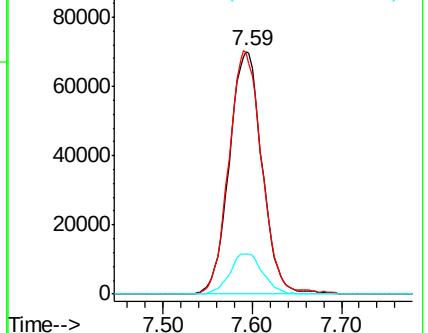
192 16.5 13.8 20.6

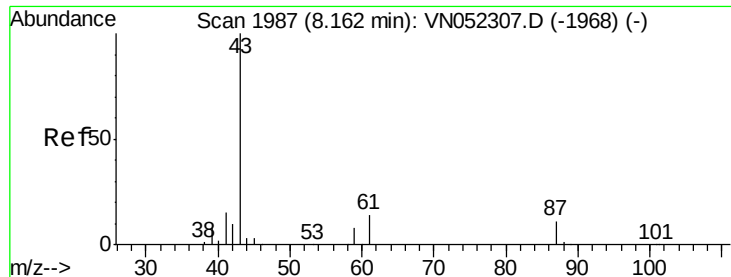


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.49 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052346.D

Acq: 15 Nov 2018 17:06

Instrument :

MSVOA_N

ClientSampleId :

VW-F2

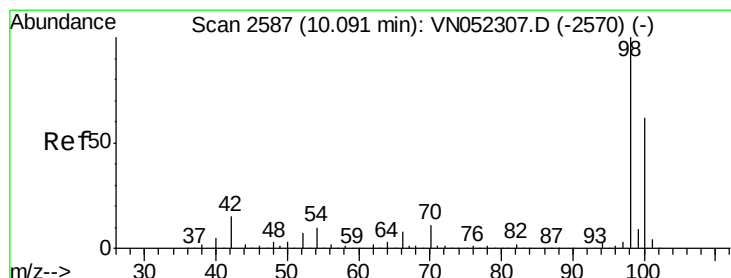
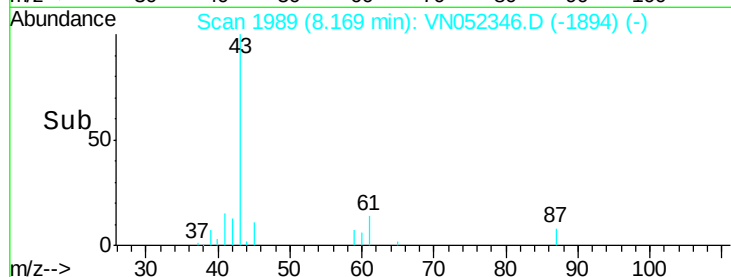
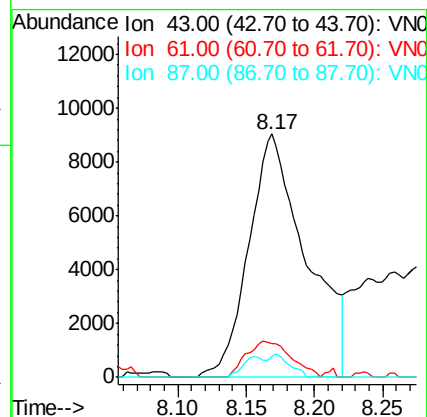
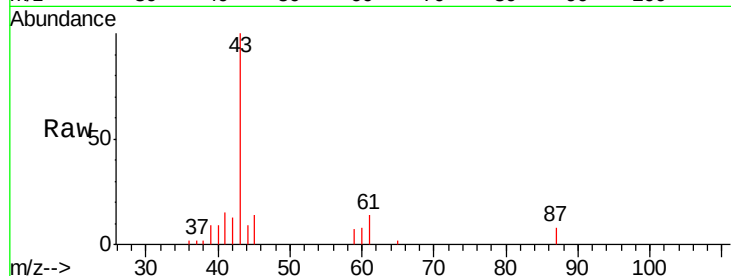
Tgt Ion: 43 Resp: 26478

Ion Ratio Lower Upper

43 100

61 11.6 12.0 18.0#

87 3.2 8.3 12.5#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052346.D

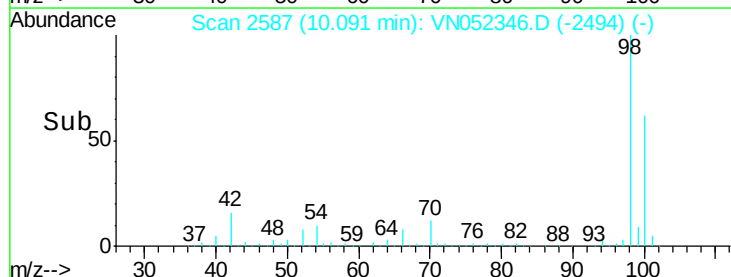
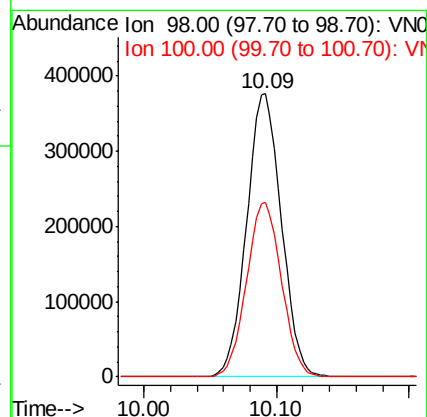
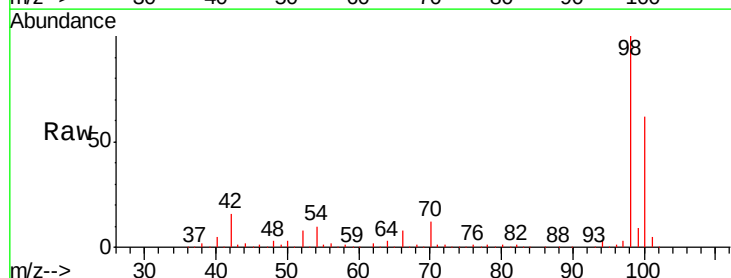
Acq: 15 Nov 2018 17:06

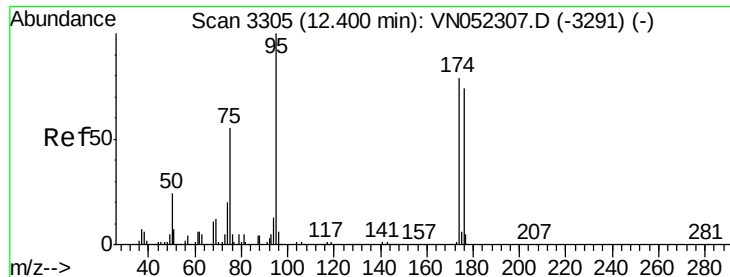
Tgt Ion: 98 Resp: 684437

Ion Ratio Lower Upper

98 100

100 62.0 49.5 74.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052346.D

Acq: 15 Nov 2018 17:06

Instrument :

MSVOA_N

ClientSampled :

VW-F2

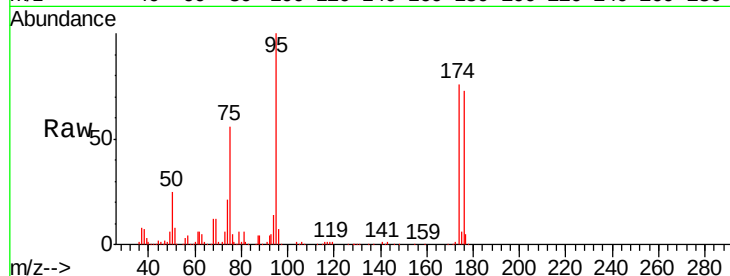
Tgt Ion: 95 Resp: 192698

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.0

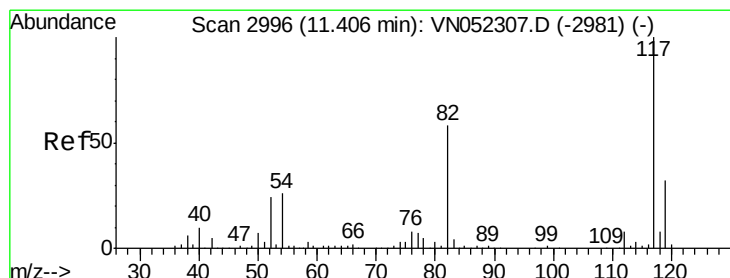
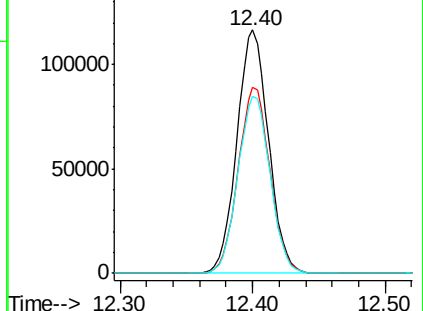
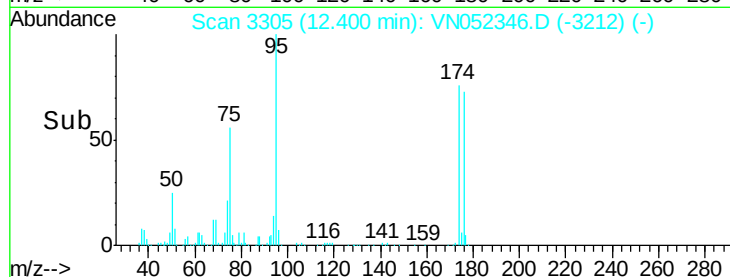
176 74.1 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052346.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052346.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052346.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052346.D

Acq: 15 Nov 2018 17:06

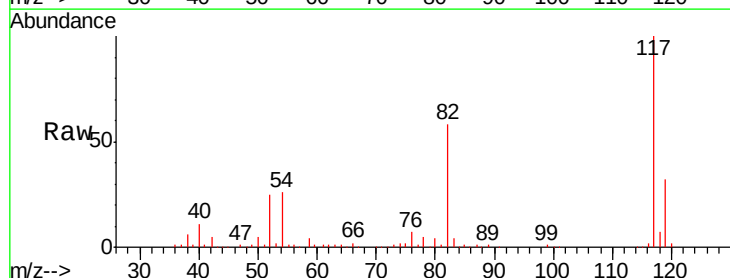
Tgt Ion: 117 Resp: 460139

Ion Ratio Lower Upper

117 100

82 58.5 46.5 69.7

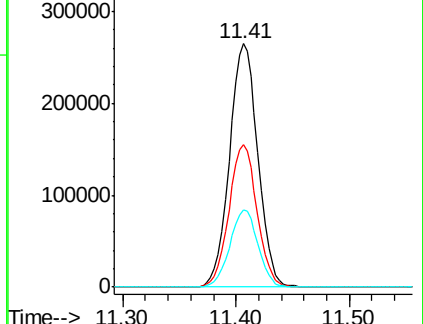
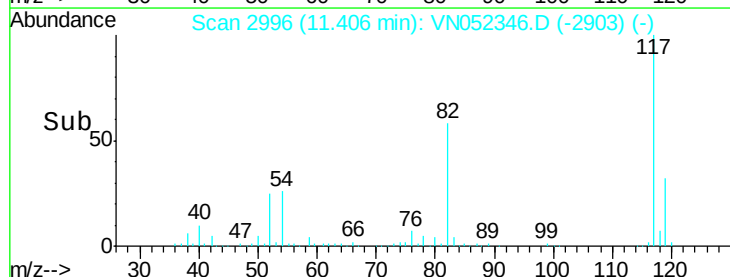
119 31.7 25.7 38.5

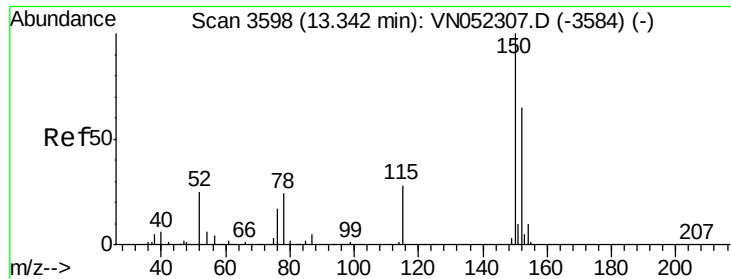


Abundance Ion 116.90 (116.60 to 117.60): VN052346.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052346.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052346.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052346.D

Acq: 15 Nov 2018 17:06

Instrument :

MSVOA_N

ClientSampleId :

VW-F2

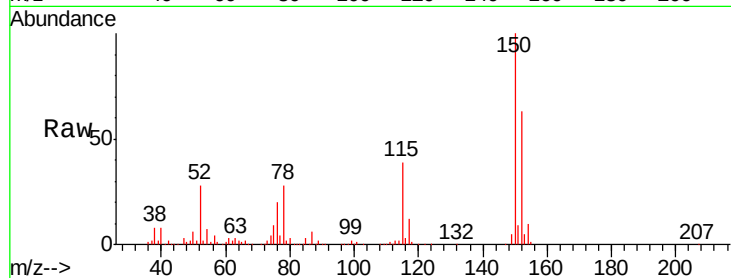
Tgt Ion:152 Resp: 157020

Ion Ratio Lower Upper

152 100

115 60.2 30.3 91.0

150 158.8 0.0 348.2



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

