

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052348.D
 Acq On : 15 Nov 2018 17:59
 Operator : MD\SY
 Sample : J5767-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-111418-B

Quant Time: Nov 16 04:13:51 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

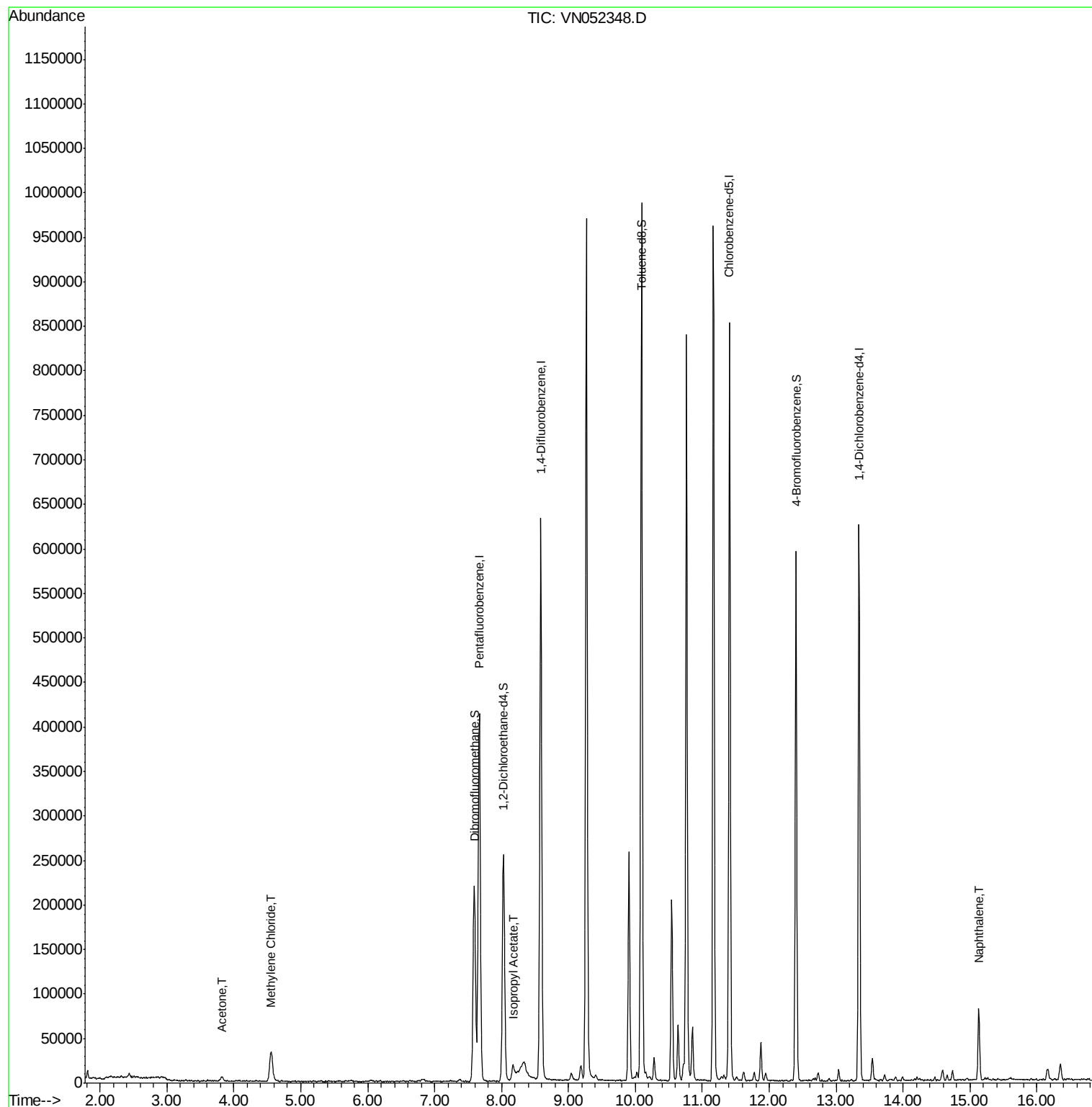
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	300942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	510399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	216801	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	7.59	113	162265	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	10.09	98	637183	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.40	95	184655	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
Target Compounds						
16) Acetone	3.82	43	8947	7.65	ug/l	96
20) Methylene Chloride	4.55	84	22481	5.69	ug/l	99
43) Isopropyl Acetate	8.17	43	29634	4.14	ug/l #	89
95) Naphthalene	15.13	128	65235	14.25	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
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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: VN052348.D

Acq: 15 Nov 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

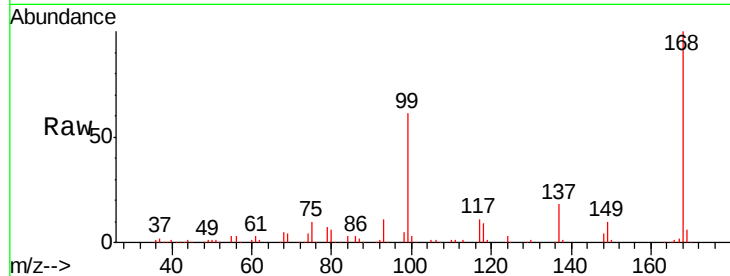
CL-01-111418-B

Tgt Ion:168 Resp: 300942

Ion Ratio Lower Upper

168 100

99 60.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052348.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052348.D (-1740) (-)

7.67

150000

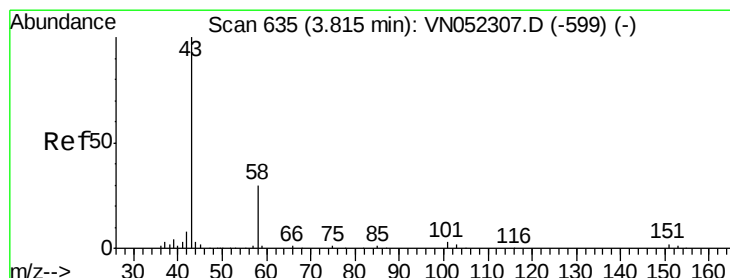
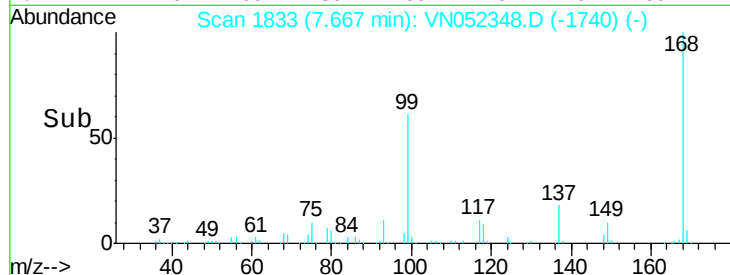
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.65 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052348.D

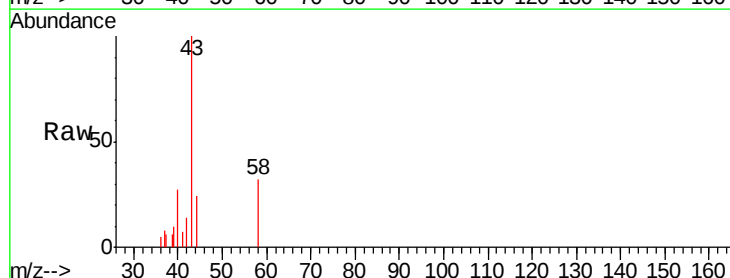
Acq: 15 Nov 2018 17:59

Tgt Ion: 43 Resp: 8947

Ion Ratio Lower Upper

43 100

58 32.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052348.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052348.D (-542) (-)

3.82

3000

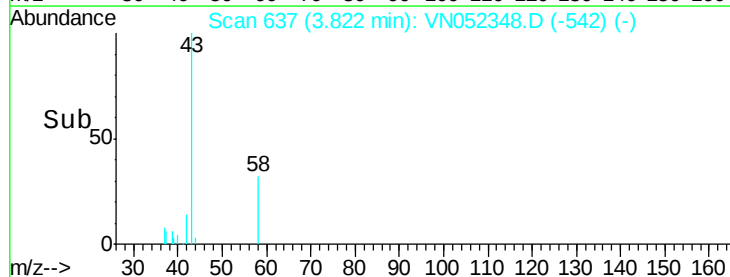
2000

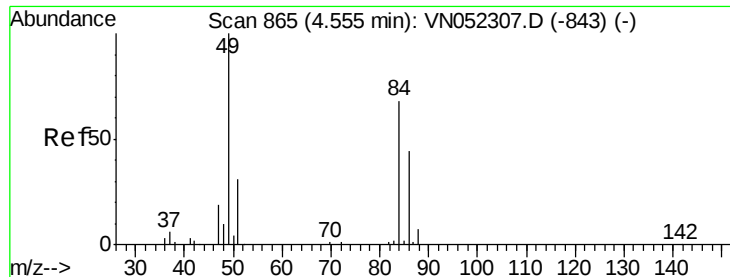
1000

0

3.70 3.80 3.90

Time-->

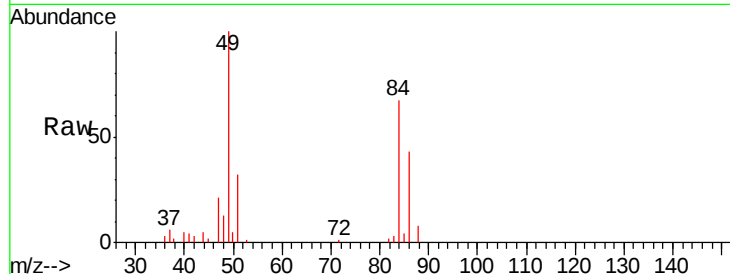




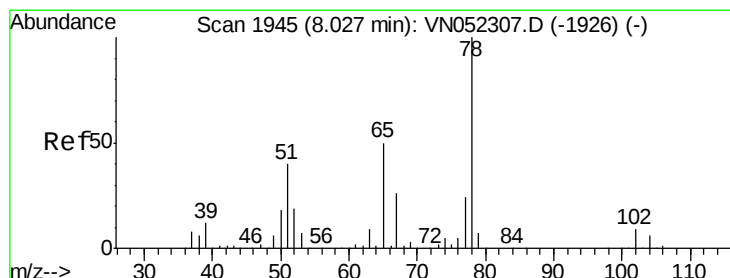
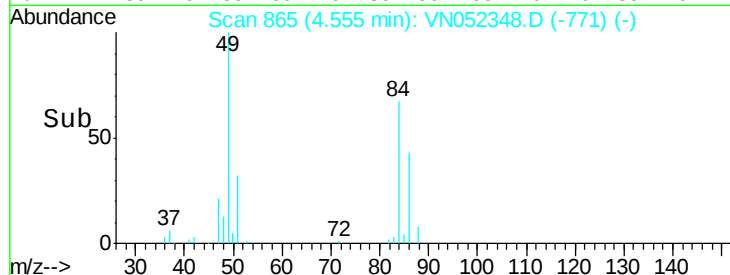
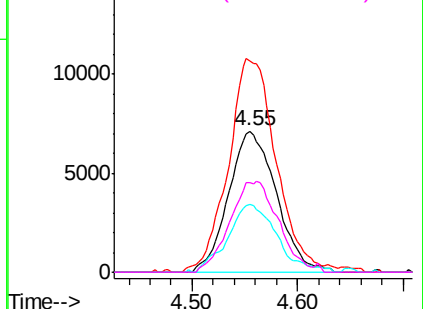
#20
Methylene Chloride
Concen: 5.69 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052348.D
Acq: 15 Nov 2018 17:59

Instrument :
MSVOA_N
ClientSampleId :
CL-01-111418-B

Tgt Ion: 84 Resp: 22481
Ion Ratio Lower Upper
84 100
49 146.9 118.2 177.2
51 48.2 36.1 54.1
86 63.7 51.6 77.4

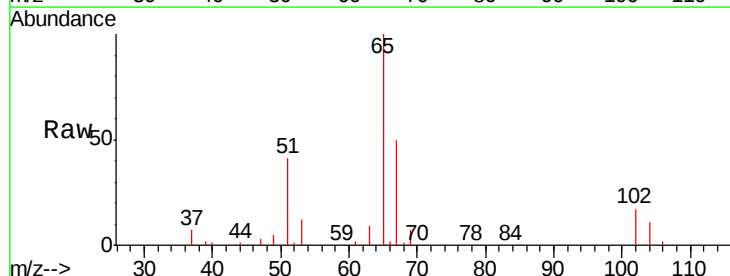


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

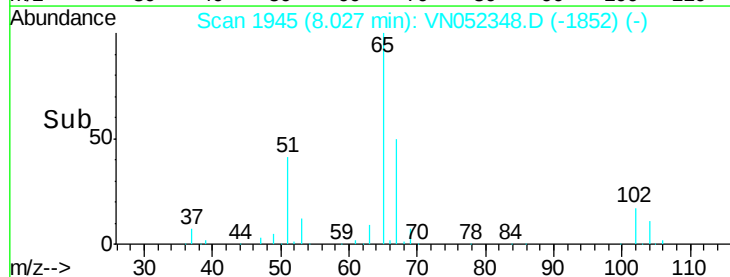
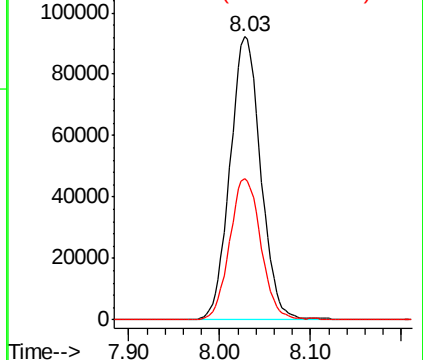


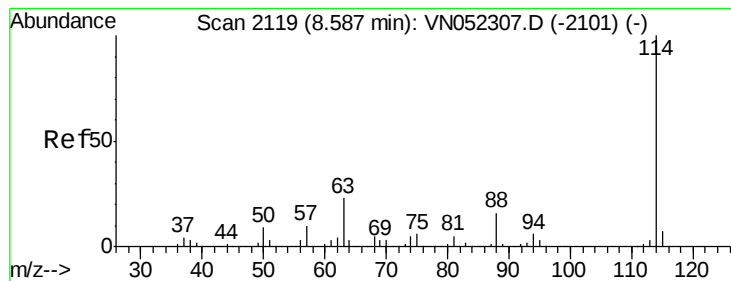
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052348.D
Acq: 15 Nov 2018 17:59

Tgt Ion: 65 Resp: 216801
Ion Ratio Lower Upper
65 100
67 50.6 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: VN052348.D

Acq: 15 Nov 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-B

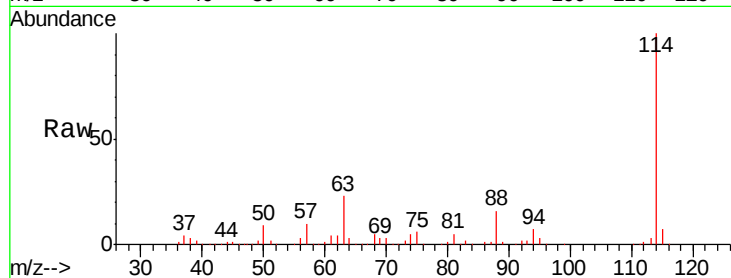
Tgt Ion:114 Resp: 510399

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.4

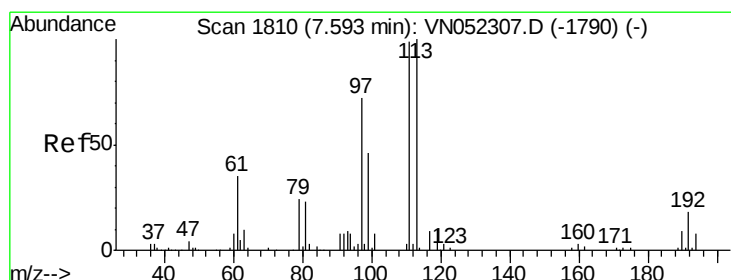
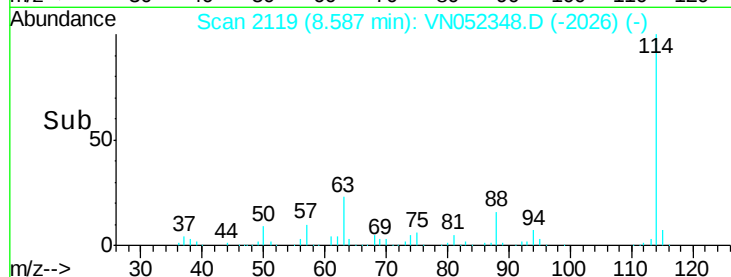
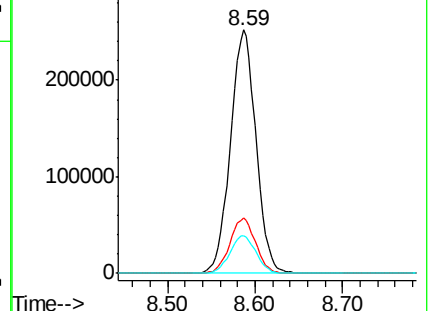
88 15.6 0.0 31.2



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: VN052348.D

Acq: 15 Nov 2018 17:59

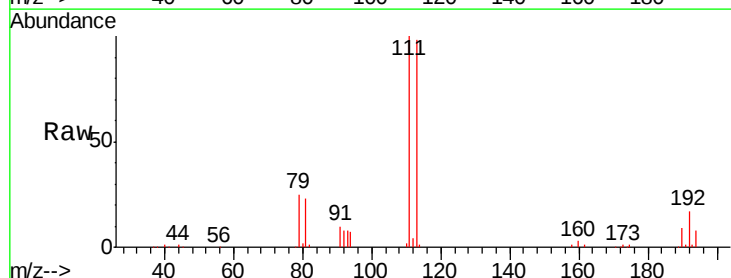
Tgt Ion:113 Resp: 162265

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.6

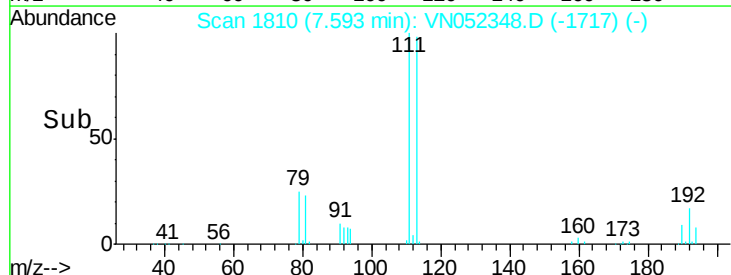
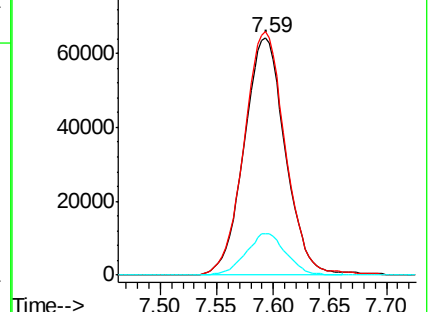
192 17.2 13.8 20.6

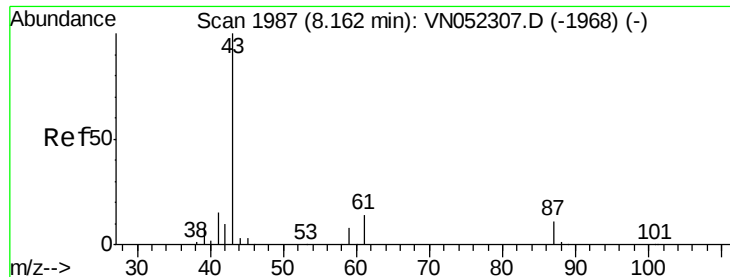


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.14 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052348.D

Acq: 15 Nov 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-B

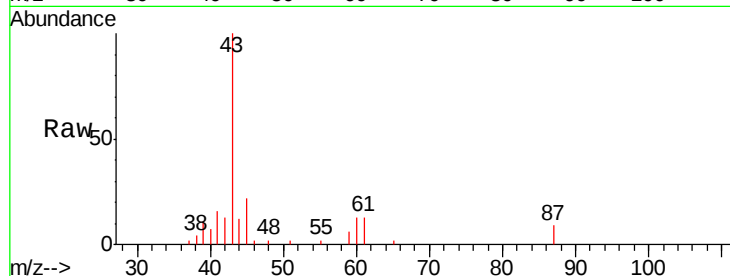
Tgt Ion: 43 Resp: 29634

Ion Ratio Lower Upper

43 100

61 10.2 12.0 18.0#

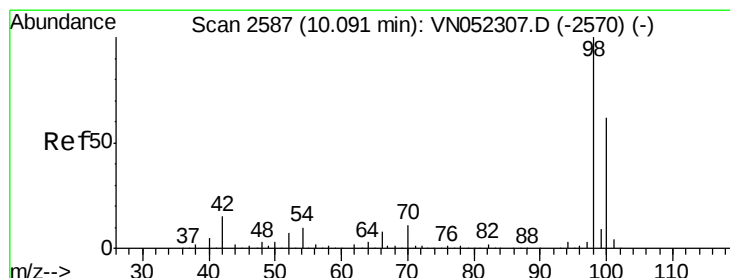
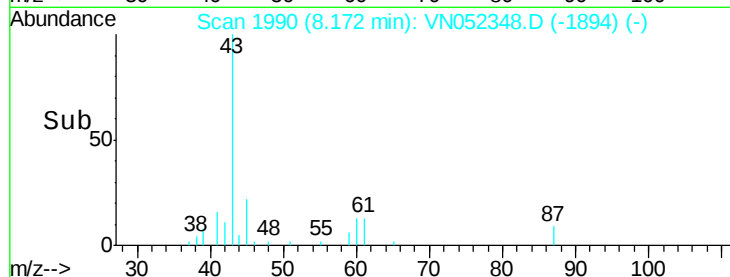
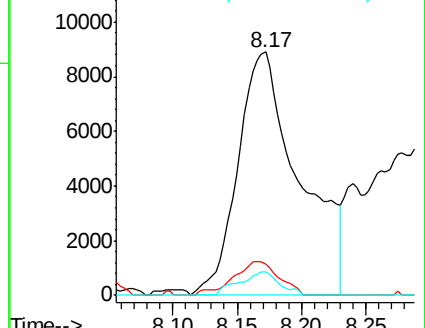
87 6.2 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052348.D

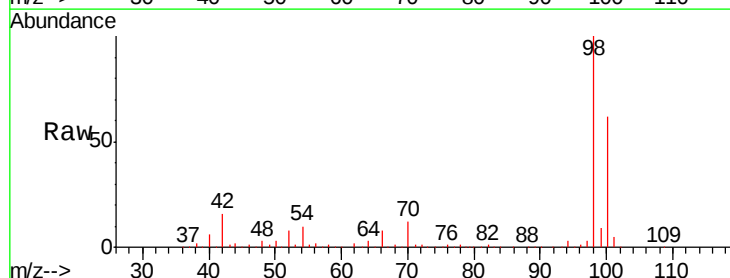
Acq: 15 Nov 2018 17:59

Tgt Ion: 98 Resp: 637183

Ion Ratio Lower Upper

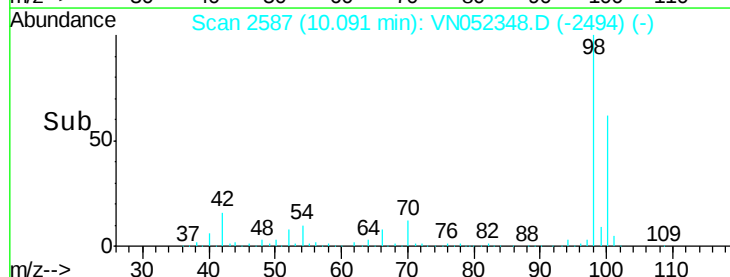
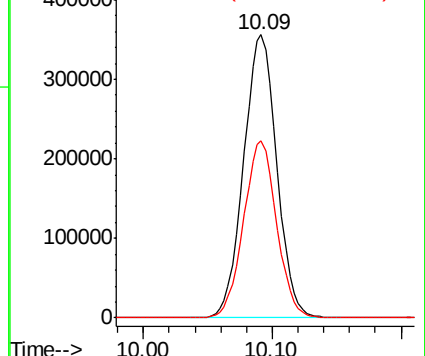
98 100

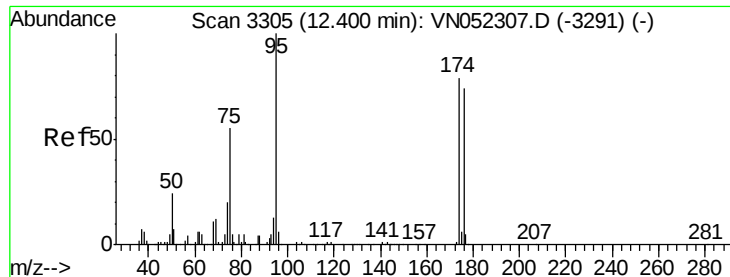
100 62.3 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052348.D

Acq: 15 Nov 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-B

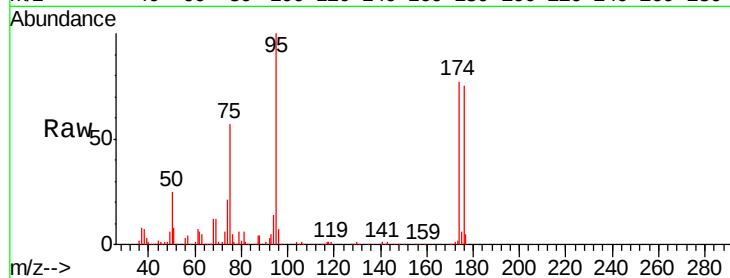
Tgt Ion: 95 Resp: 184655

Ion Ratio Lower Upper

95 100

174 76.4 0.0 156.0

176 73.6 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052307.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052307.D (-3291) (-)

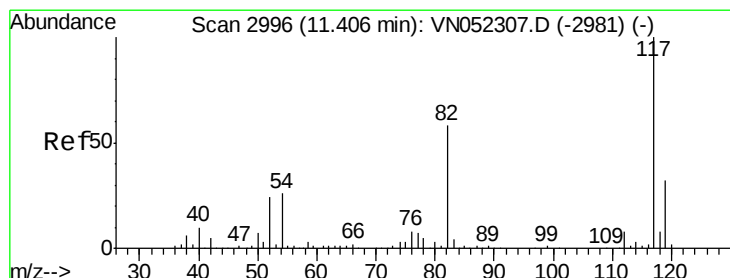
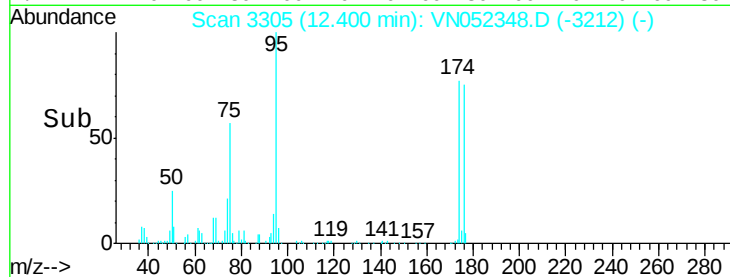
12.40

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052348.D

Acq: 15 Nov 2018 17:59

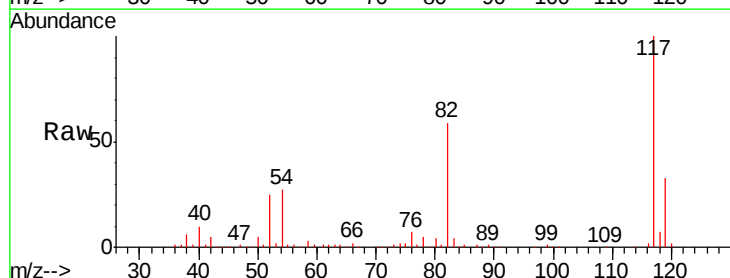
Tgt Ion: 117 Resp: 432404

Ion Ratio Lower Upper

117 100

82 59.0 46.5 69.7

119 32.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052307.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052307.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052307.D (-2981) (-)

11.41

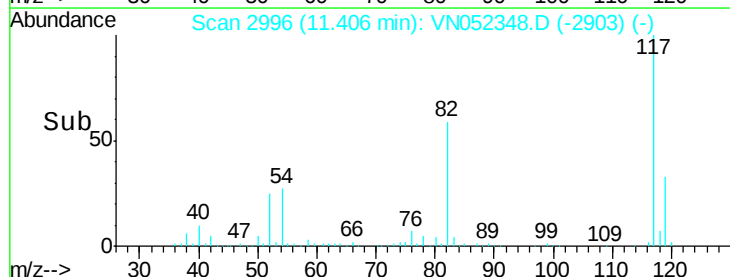
300000

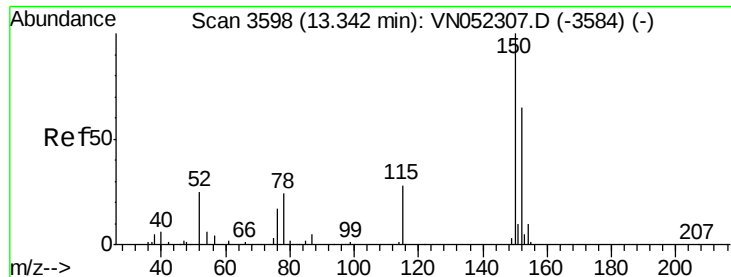
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052348.D

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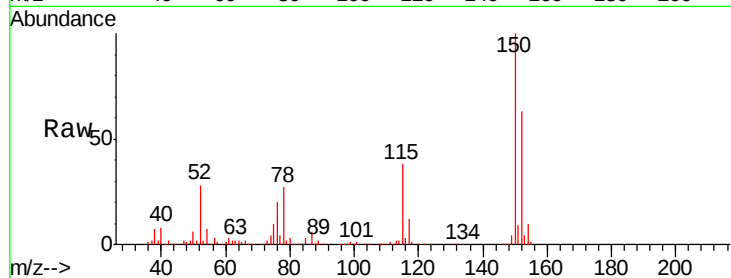
Tgt Ion:152 Resp: 150060

Ion Ratio Lower Upper

152 100

115 61.2 30.3 91.0

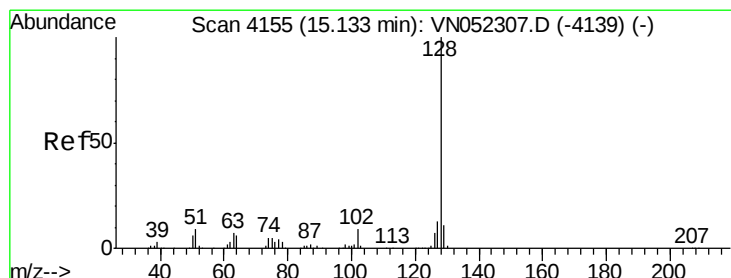
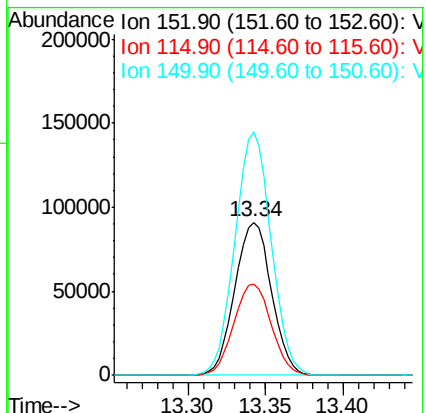
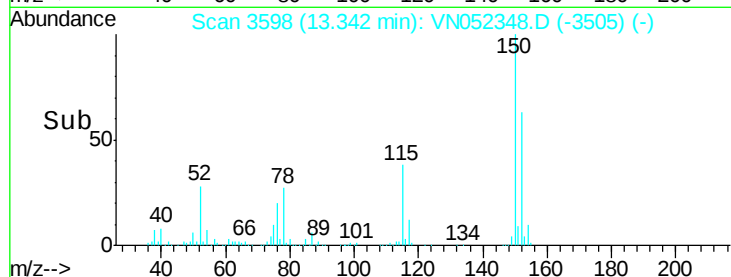
150 157.0 0.0 348.2



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



#95

Naphthalene

Concen: 14.25 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052348.D

Acq: 15 Nov 2018 17:59

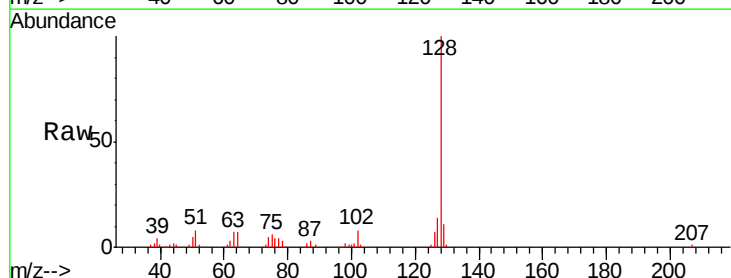
Tgt Ion:128 Resp: 65235

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

