

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054674.D
 Acq On : 25 Mar 2019 15:52
 Operator : JC/SP
 Sample : K2040-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S4B(10)

Quant Time: Mar 26 03:30:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

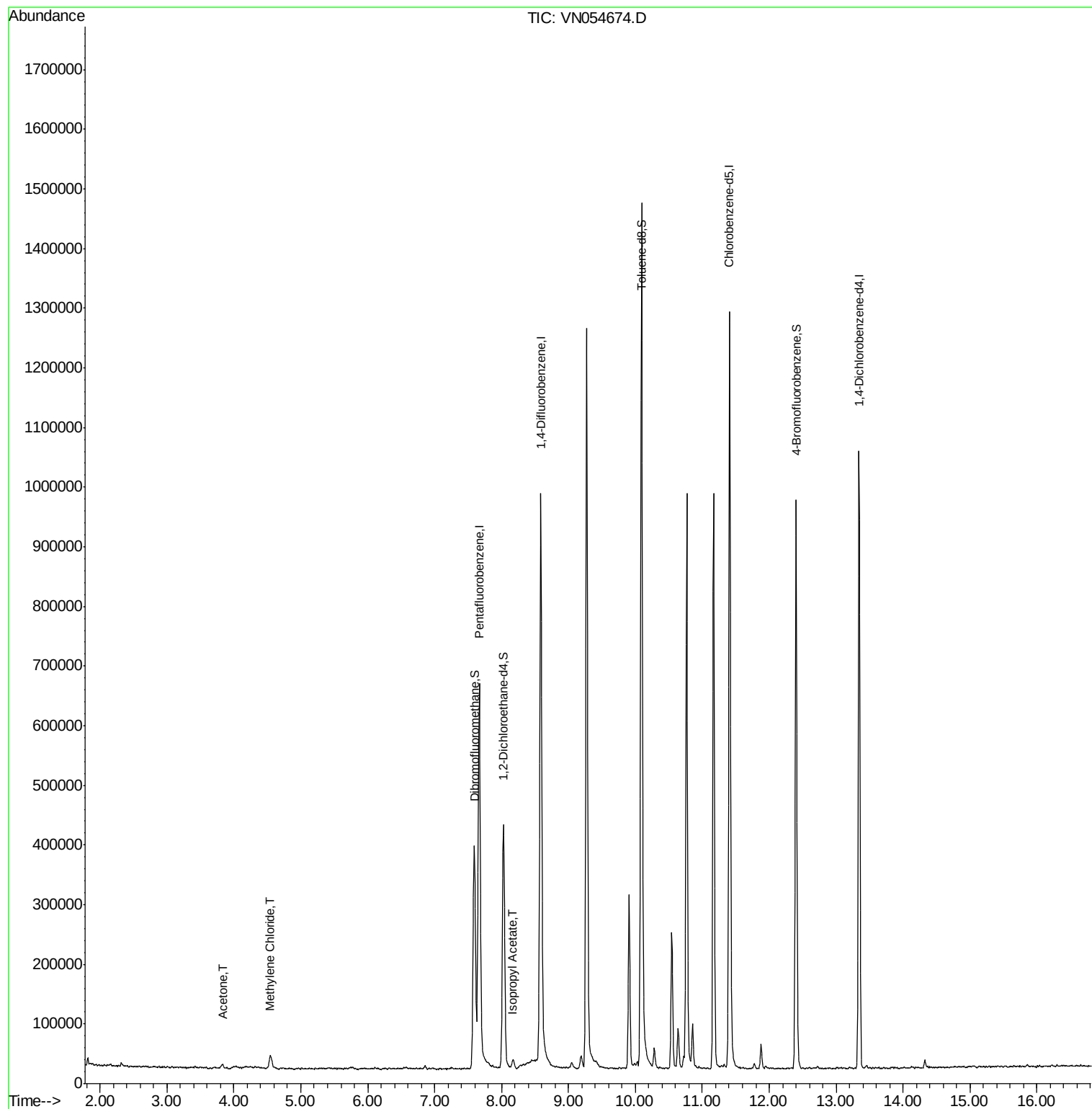
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	761159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	276788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	360998	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	7.59	113	287335	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.09	98	1076559	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	332919	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
16) Acetone	3.83	43	11872	5.740	ug/l #	77
20) Methylene Chloride	4.54	84	14009	2.298	ug/l #	93
43) Isopropyl Acetate	8.17	43	17773	1.782	ug/l #	85

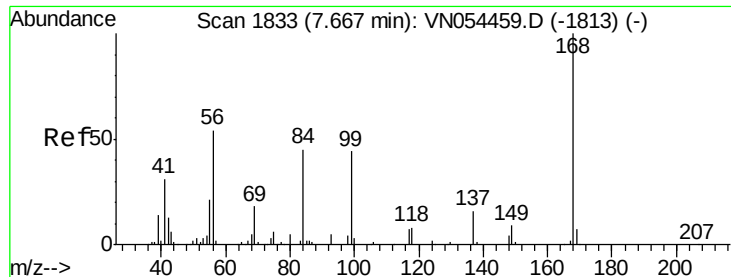
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 02:09:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054674.D

Acq: 25 Mar 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

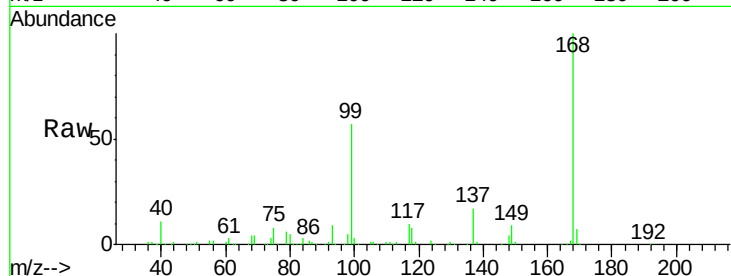
S4B(10)

Tot Ion:168 Resp: 553083

Ion Ratio Lower Upper

168 100

99 57.0 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D

Ion 98.90 (98.60 to 99.60): VN054459.D

7.67

250000

200000

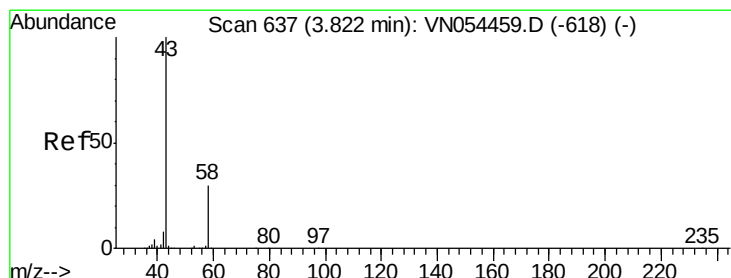
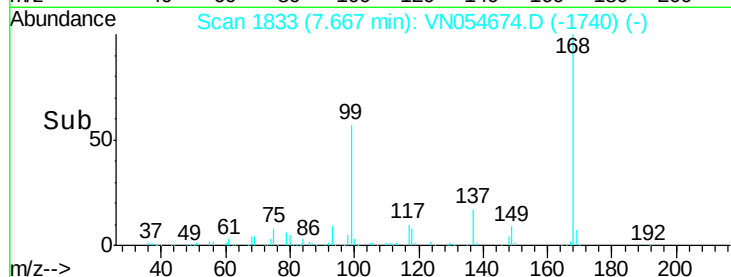
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.740 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054674.D

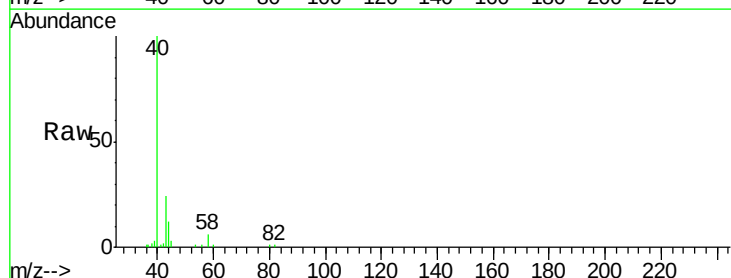
Acq: 25 Mar 2019 15:52

Tgt Ion: 43 Resp: 11872

Ion Ratio Lower Upper

43 100

58 23.4 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D

Ion 58.00 (57.70 to 58.70): VN054459.D

3.83

5000

4000

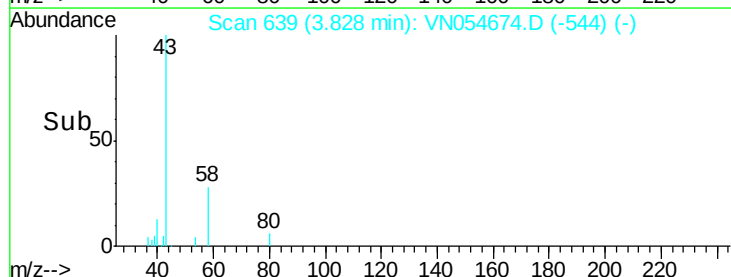
3000

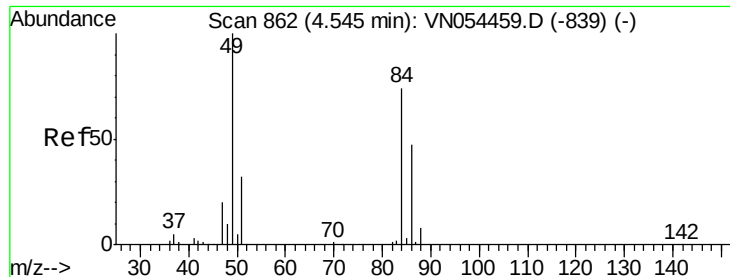
2000

1000

0

Time-->

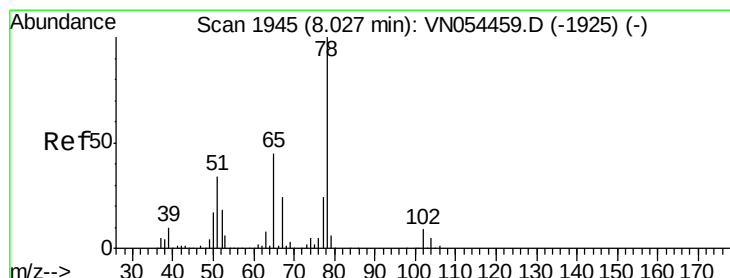
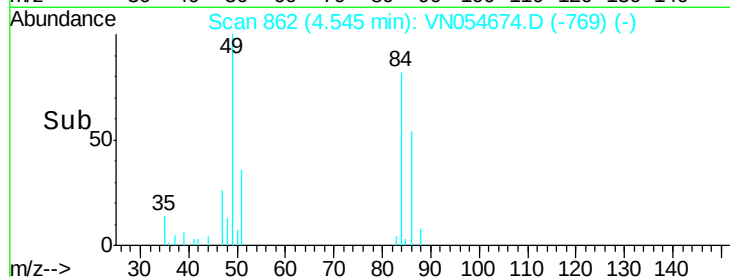
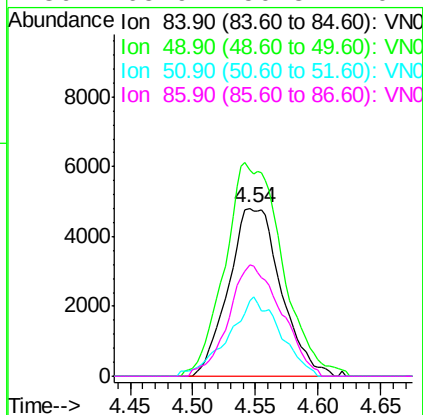
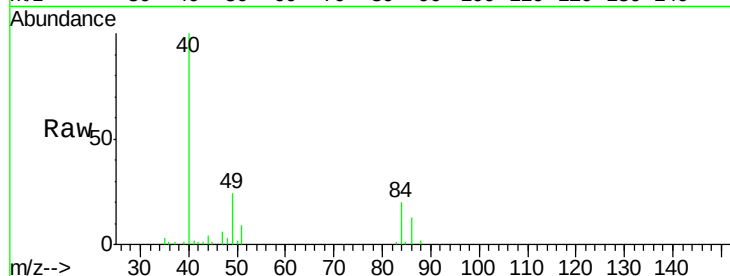




#20
Methylene Chloride
Concen: 2.298 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054674.D
Acq: 25 Mar 2019 15:52

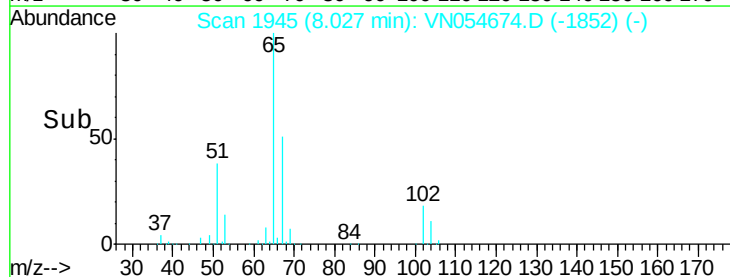
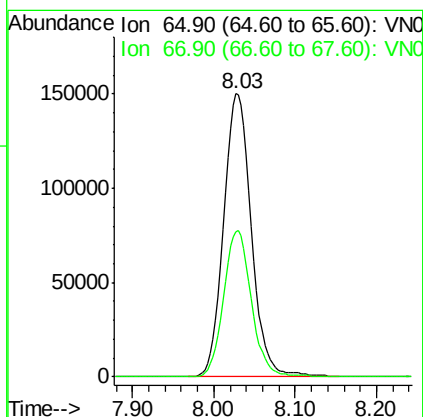
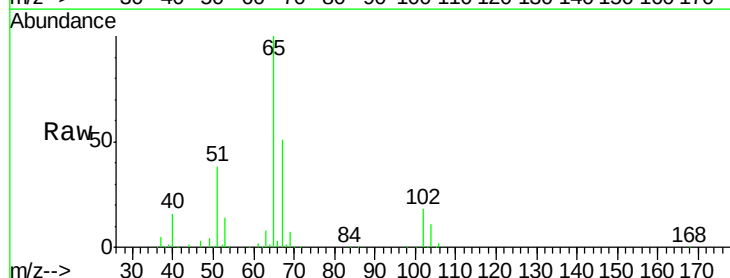
Instrument :
MSVOA_N
ClientSampleId :
S4B(10)

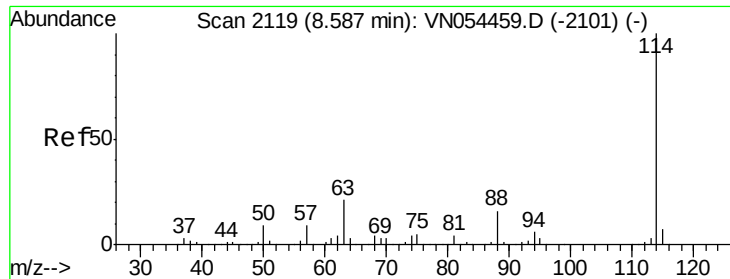
Tot Ion: 84 Resp: 14009
Ion Ratio Lower Upper
84 100
49 118.7 89.7 134.5
51 44.6 28.2 42.4#
86 65.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.475 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054674.D
Acq: 25 Mar 2019 15:52

Tgt Ion: 65 Resp: 360998
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054674.D

Acq: 25 Mar 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

S4B(10)

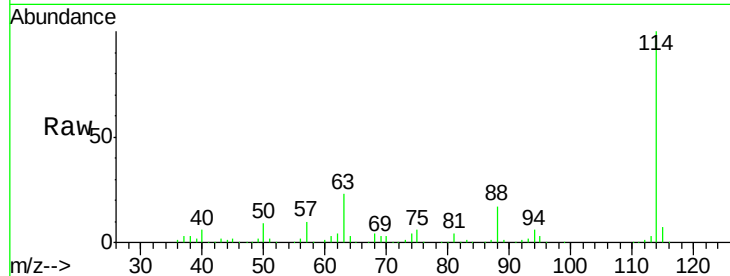
Tot Ion:114 Resp: 888128

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.2

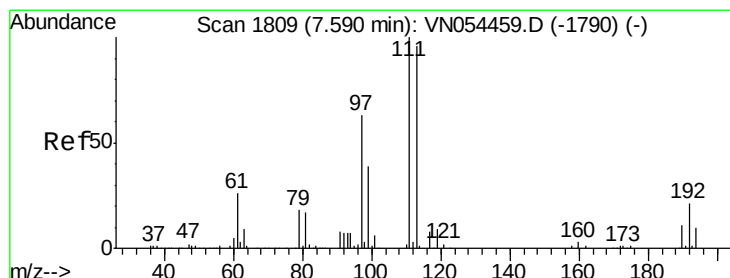
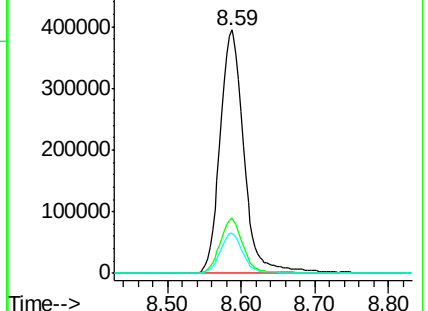
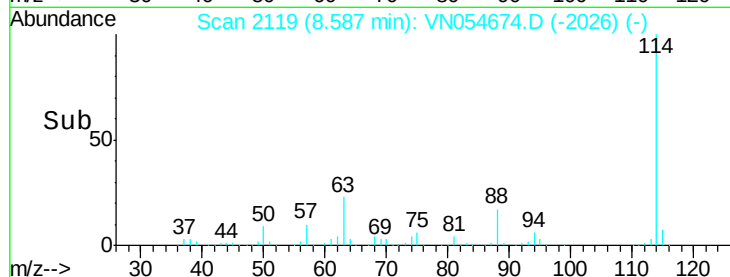
88 16.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.218 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054674.D

Acq: 25 Mar 2019 15:52

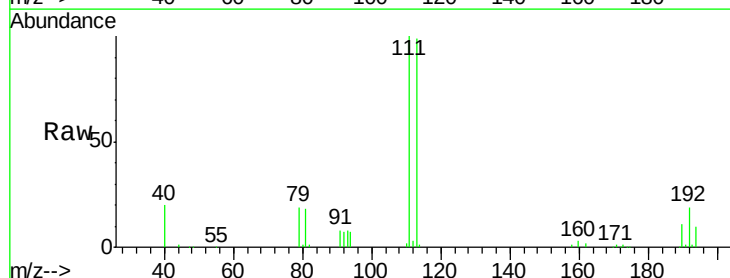
Tgt Ion:113 Resp: 287335

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

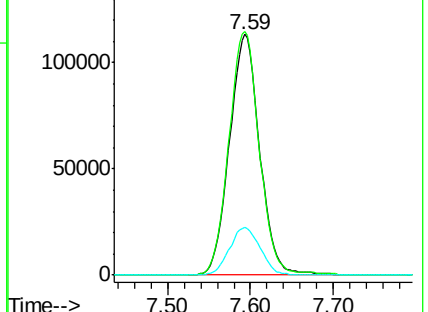
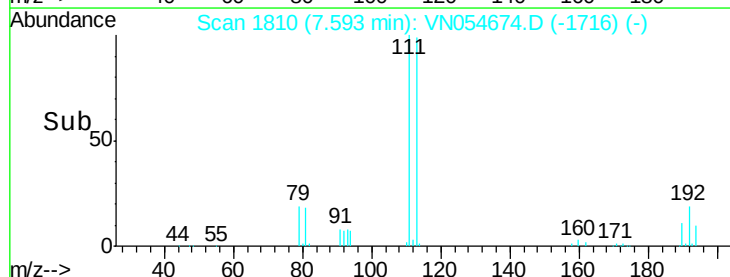
192 20.3 19.2 28.8

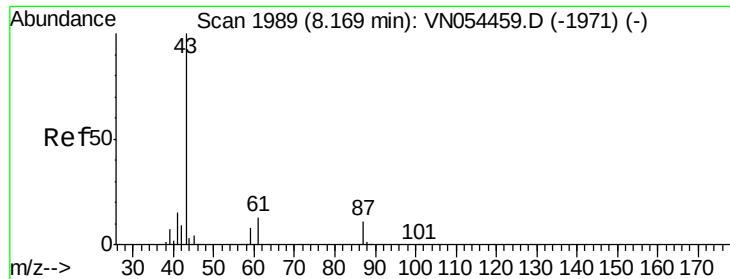


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.782 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054674.D

Acq: 25 Mar 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

S4B(10)

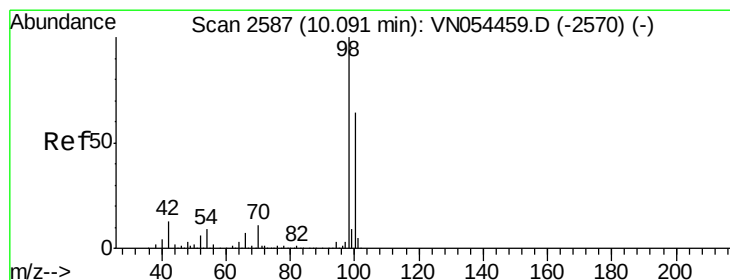
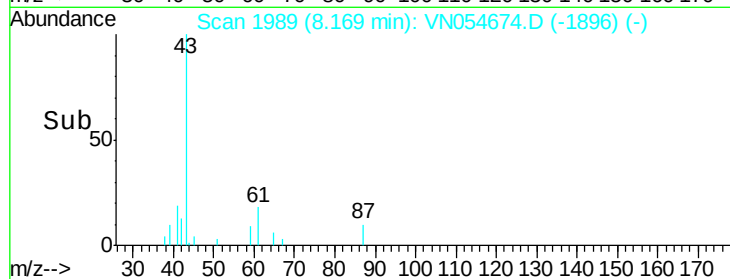
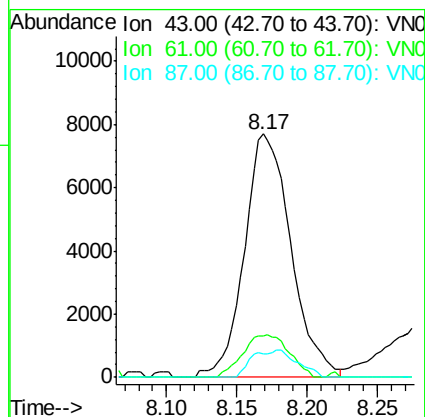
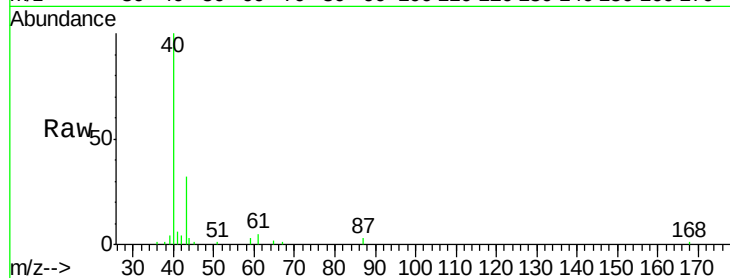
Tot Ion: 43 Resp: 17773

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.8

87 3.6 12.0 18.0#



#50

Toluene-d8

Concen: 50.049 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054674.D

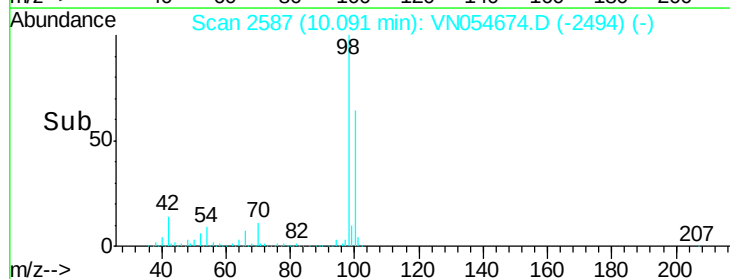
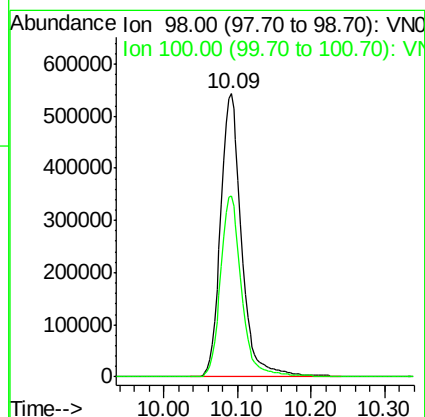
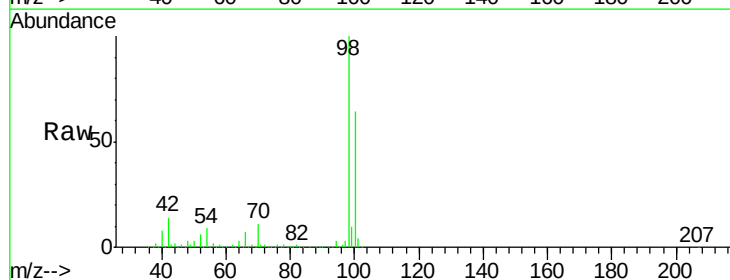
Acq: 25 Mar 2019 15:52

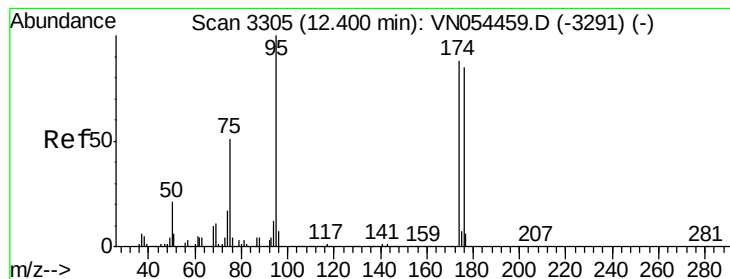
Tgt Ion: 98 Resp: 1076559

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.483 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054674.D

Acq: 25 Mar 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

S4B(10)

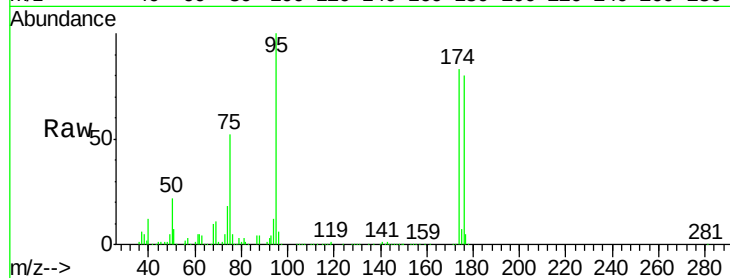
Tot Ion: 95 Resp: 332919

Ion Ratio Lower Upper

95 100

174 83.1 0.0 191.0

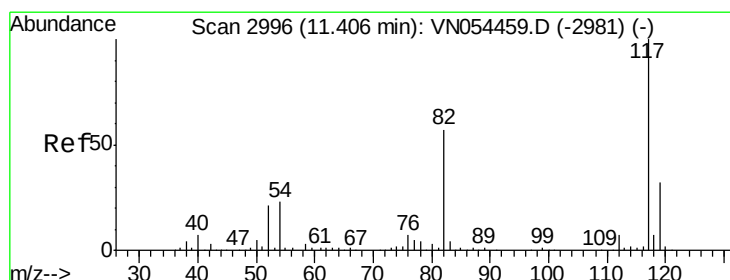
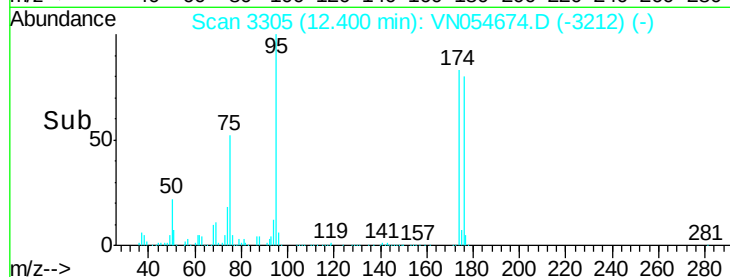
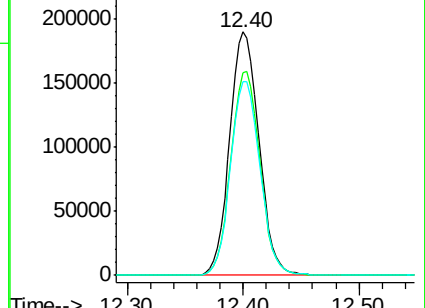
176 80.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054674.D

Acq: 25 Mar 2019 15:52

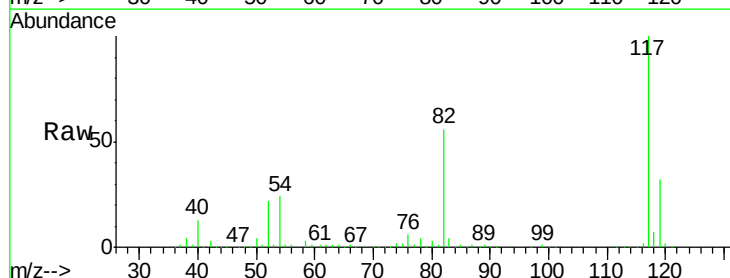
Tgt Ion: 117 Resp: 761159

Ion Ratio Lower Upper

117 100

82 55.9 40.0 60.0

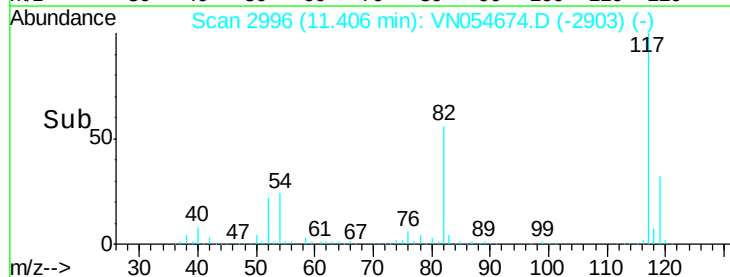
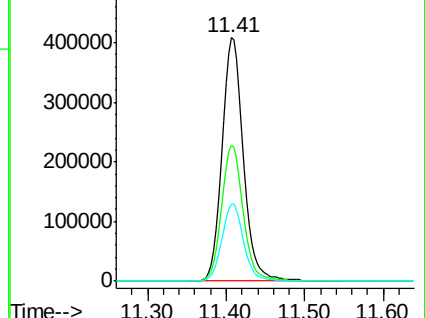
119 31.7 25.8 38.6

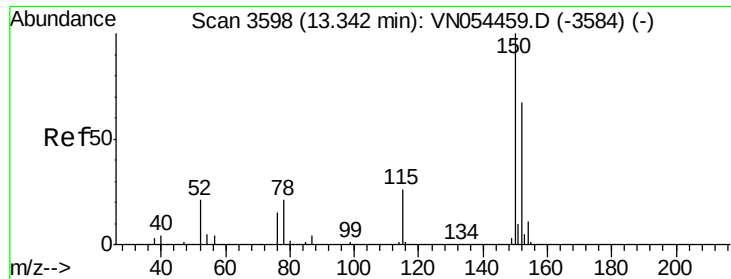


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054674.D

Acq: 25 Mar 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

S4B(10)

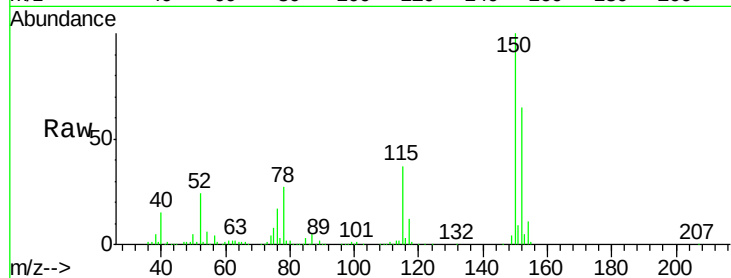
Tot Ion:152 Resp: 276788

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

150 155.3 0.0 349.2



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

