

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053167.D
 Acq On : 23 Dec 2018 7:26
 Operator : MD\SY
 Sample : J6446-20ME 10X
 Misc : 4.61g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS023-1218-01ME

Quant Time: Dec 24 06:16:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

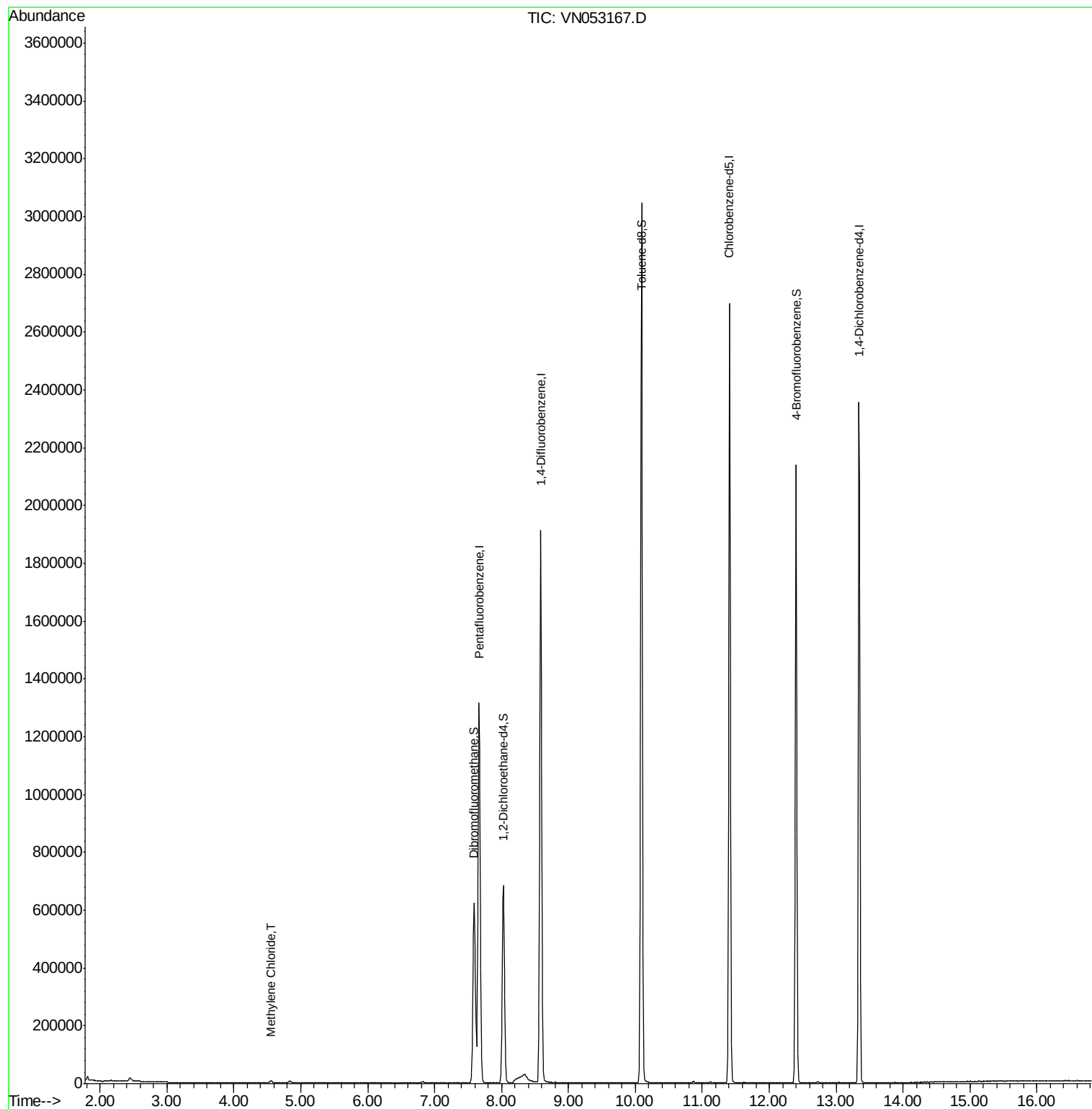
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1167610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1794263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1631135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	673403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	570390	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	7.59	113	481181	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.42%	
50) Toluene-d8	10.09	98	2185119	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	743645	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
Target Compounds						
20) Methylene Chloride	4.55	84	5557	0.438	ug/l	Qvalue 87

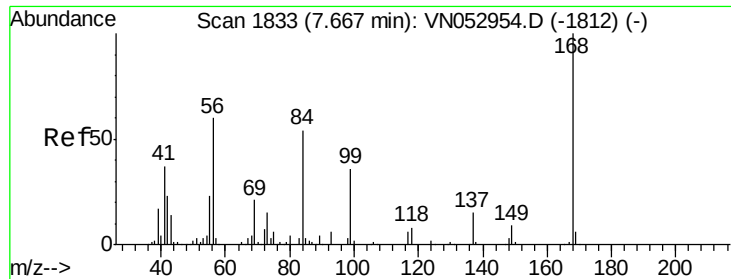
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053167.D

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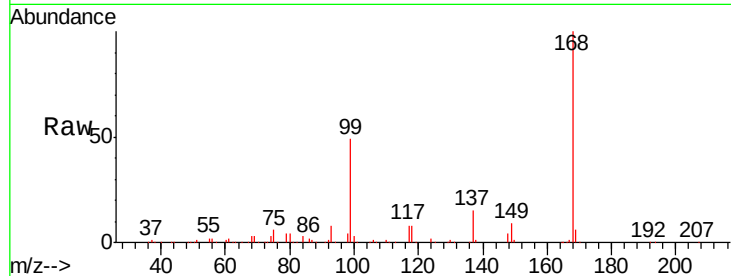
P001-SS023-1218-01ME

Tgt Ion:168 Resp: 1167610

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053167.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053167.D (-1740) (-)

7.67

500000

400000

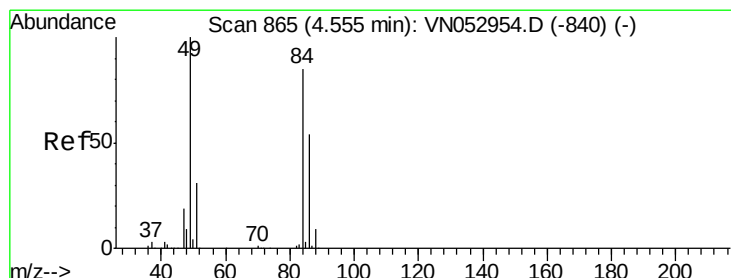
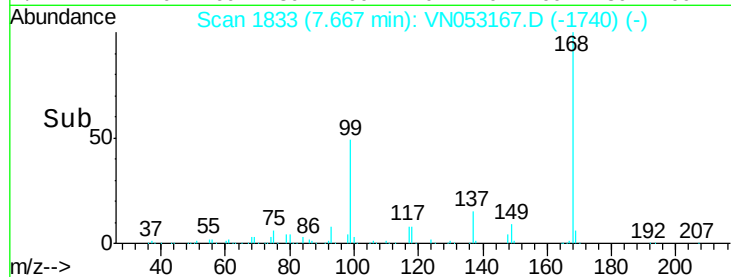
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 0.438 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Tgt Ion: 84 Resp: 5557

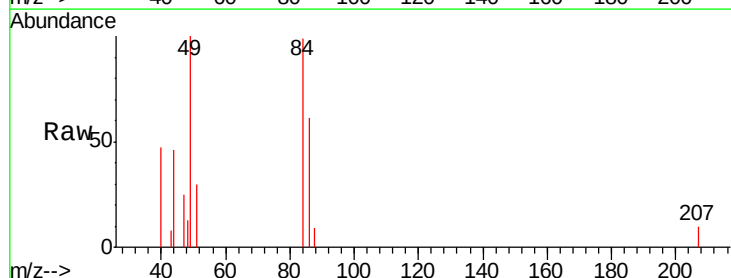
Ion Ratio Lower Upper

84 100

49 101.1 96.8 145.2

51 30.8 29.9 44.9

86 61.3 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VN053167.D (-772) (-)

Ion 48.90 (48.60 to 49.60): VN053167.D (-772) (-)

Ion 50.90 (50.60 to 51.60): VN053167.D (-772) (-)

Ion 85.90 (85.60 to 86.60): VN053167.D (-772) (-)

4.55

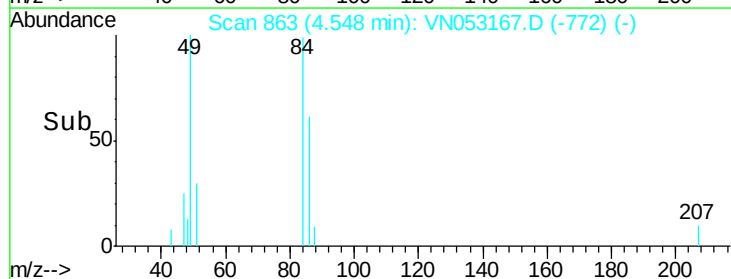
3000

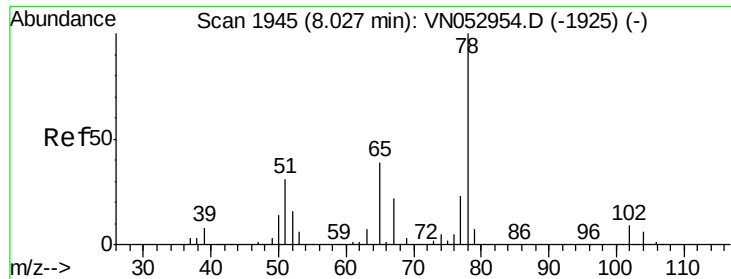
2000

1000

0

Time-->

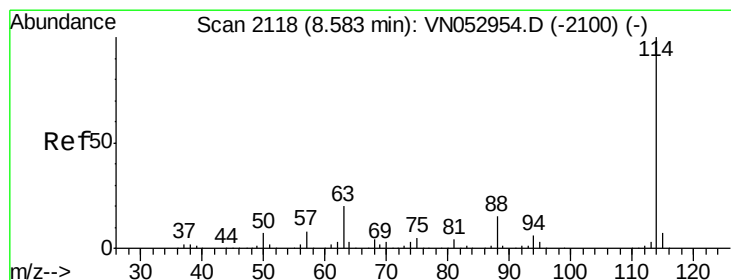
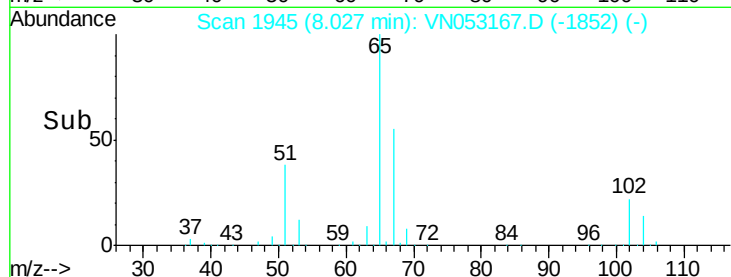
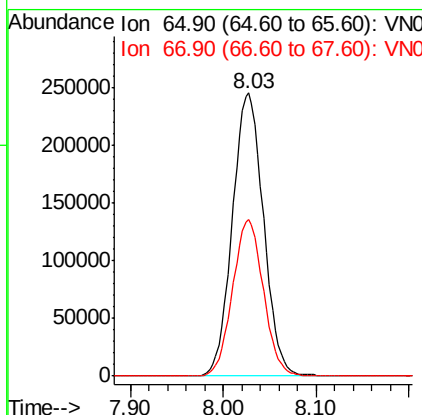
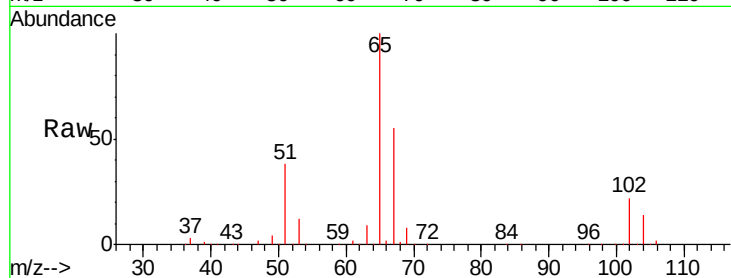




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053167.D
 Acq: 23 Dec 2018 7:26

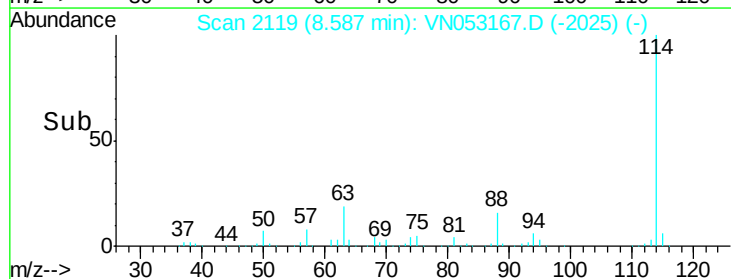
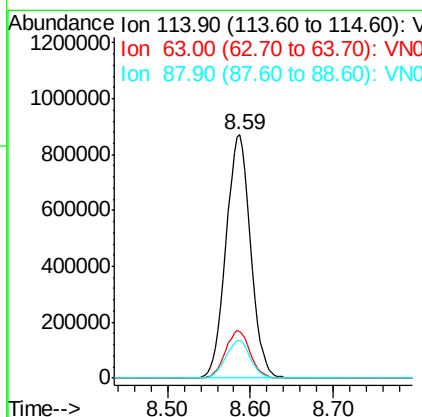
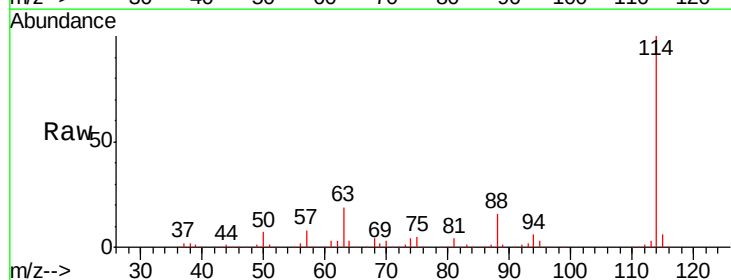
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS023-1218-01ME

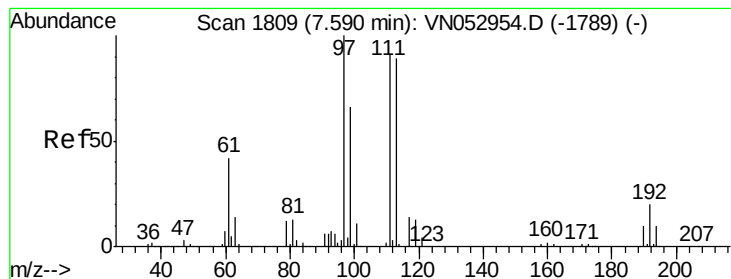
Tgt Ion: 65 Resp: 570390
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053167.D
 Acq: 23 Dec 2018 7:26

Tgt Ion: 114 Resp: 1794263
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-1218-01ME

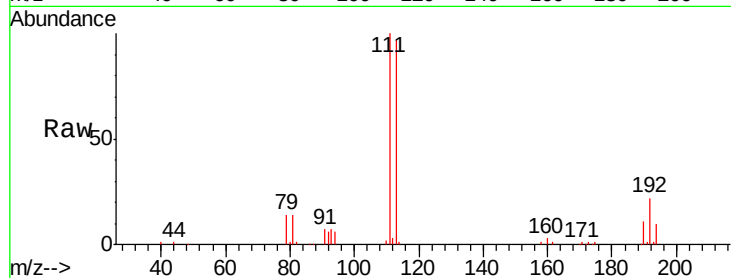
Tgt Ion:113 Resp: 481181

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

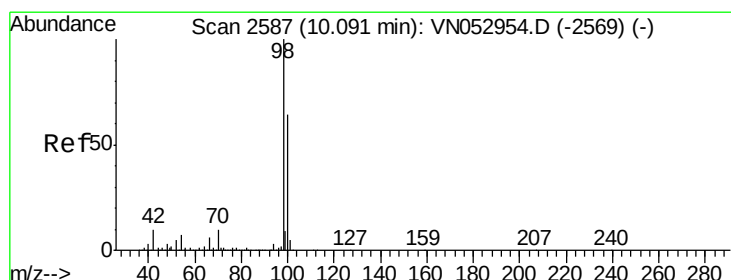
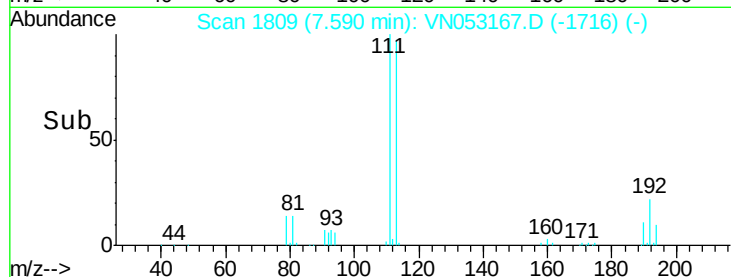
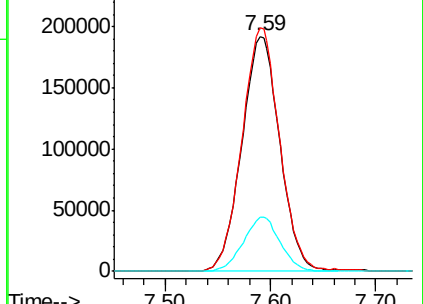
192 22.6 17.5 26.3



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053167.D

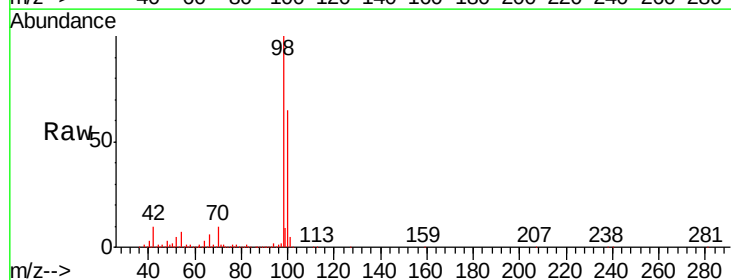
Acq: 23 Dec 2018 7:26

Tgt Ion: 98 Resp: 2185119

Ion Ratio Lower Upper

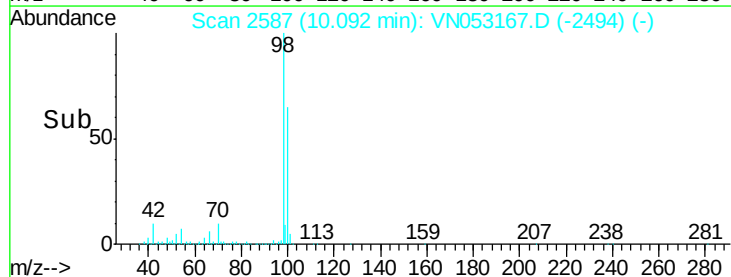
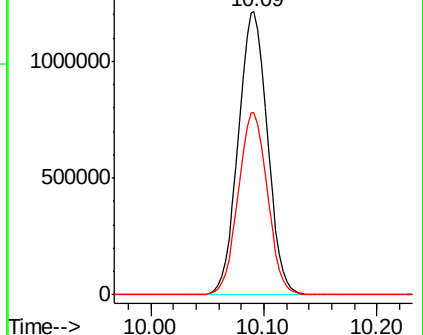
98 100

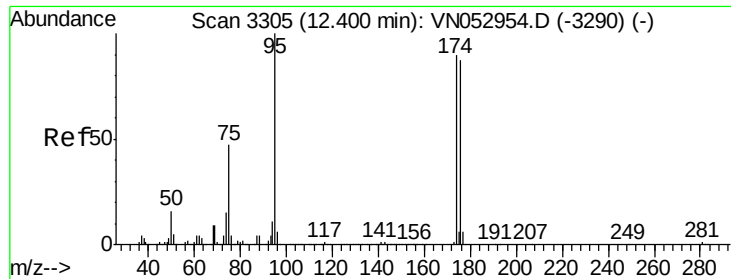
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-1218-01ME

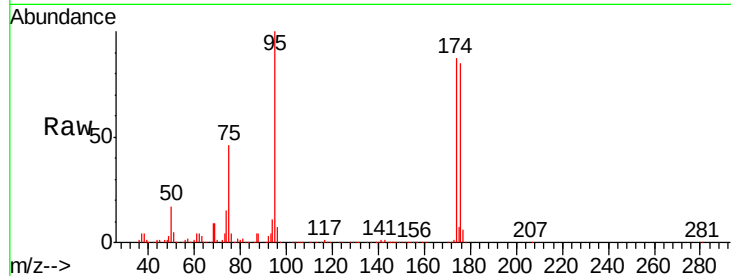
Tgt Ion: 95 Resp: 743645

Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

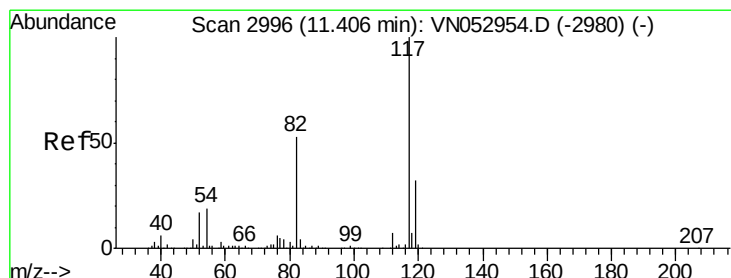
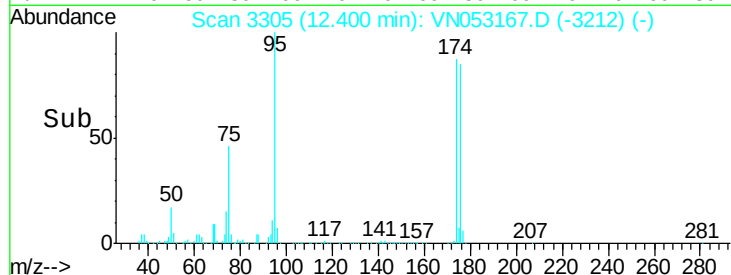
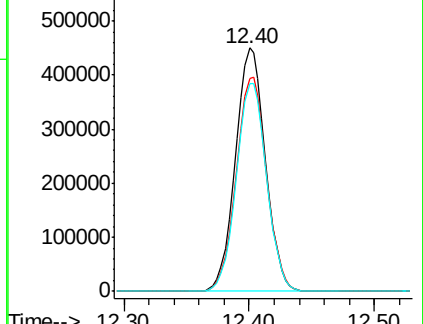
176 86.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053167.D

Acq: 23 Dec 2018 7:26

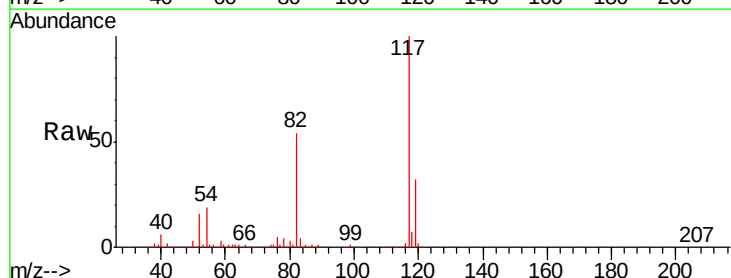
Tgt Ion: 117 Resp: 1631135

Ion Ratio Lower Upper

117 100

82 53.8 42.8 64.2

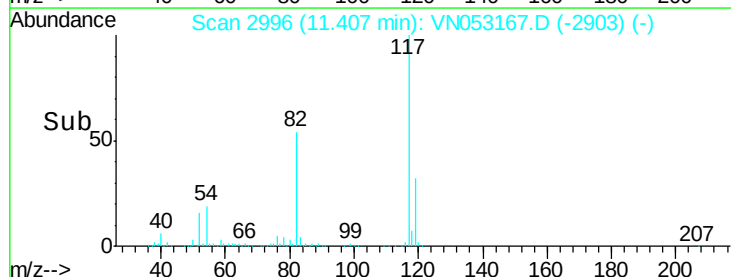
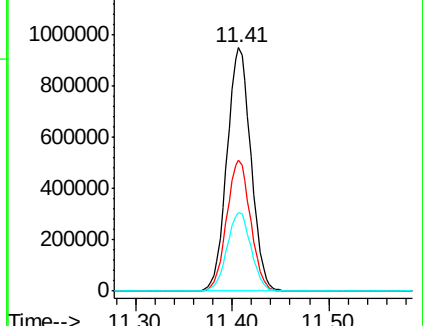
119 32.5 25.5 38.3

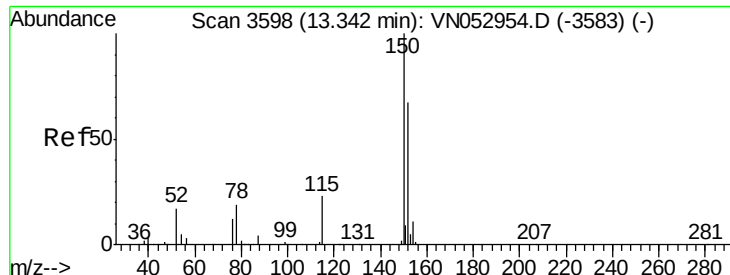


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053167.D

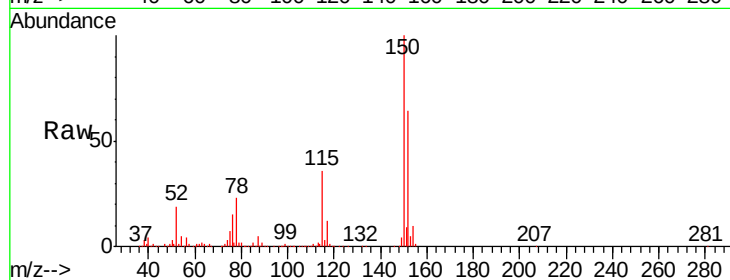
Acq: 23 Dec 2018 7:26

Instrument :

MSVOA_N

ClientSampleId :

P001-SS023-1218-01ME



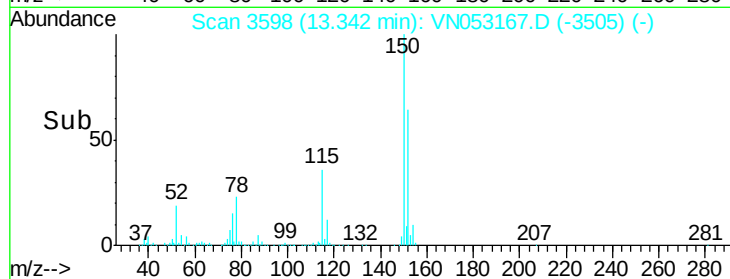
Tgt Ion:152 Resp: 673403

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

150 156.1 0.0 347.8



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

