

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053155.D
 Acq On : 23 Dec 2018 2:06
 Operator : MD\SY
 Sample : J6446-08ME 10X
 Misc : 3.28g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS021-0006-01ME

Quant Time: Dec 24 04:27:41 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

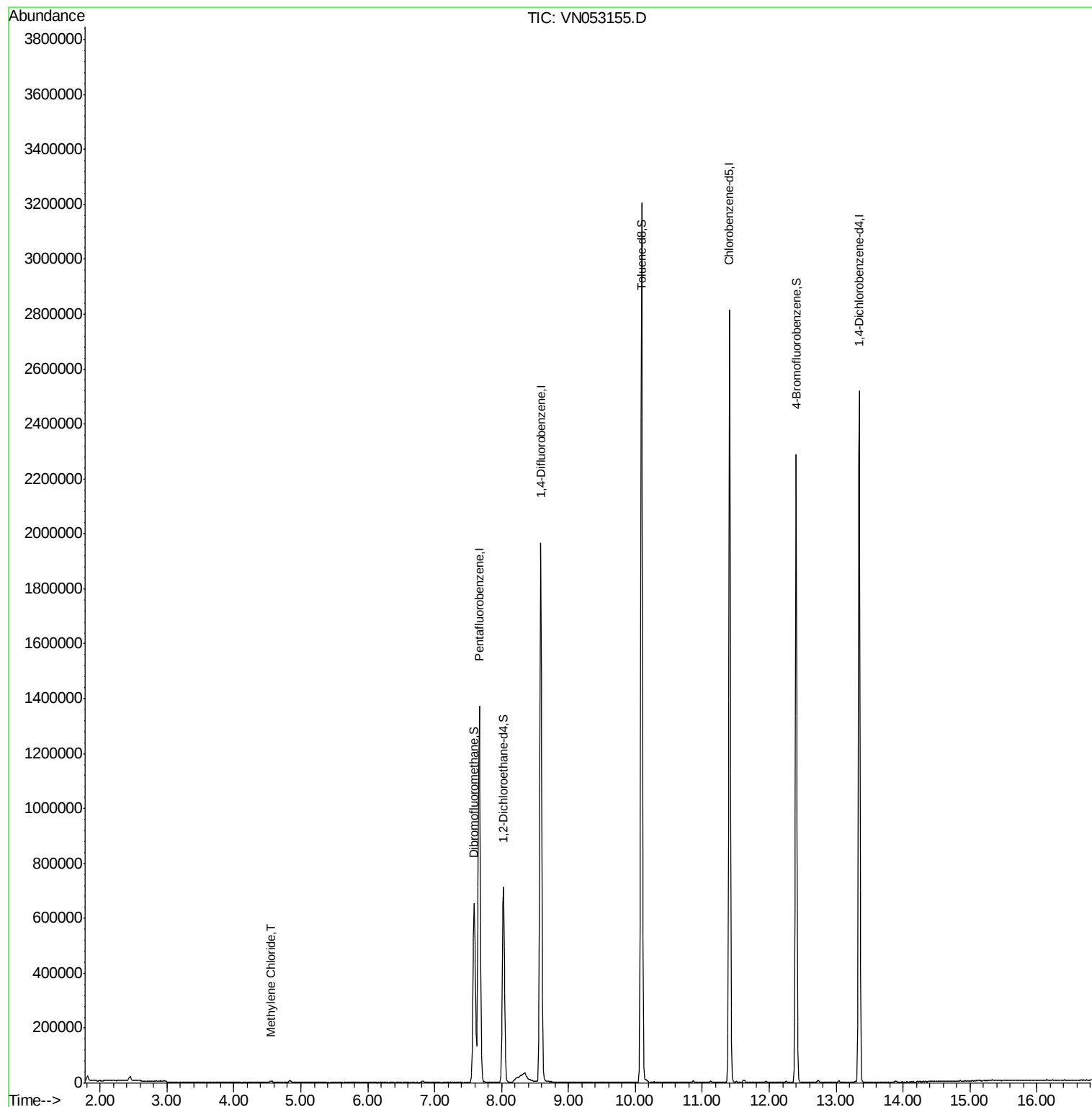
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1881184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1708571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	719248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	592471	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.59	113	501308	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
50) Toluene-d8	10.09	98	2296217	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	797256	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
20) Methylene Chloride	4.56	84	4691	0.355	ug/l	Qvalue 89

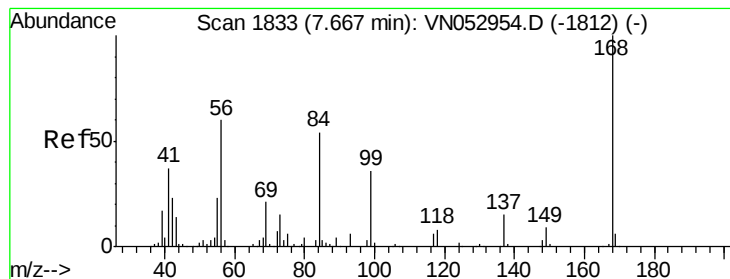
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053155.D

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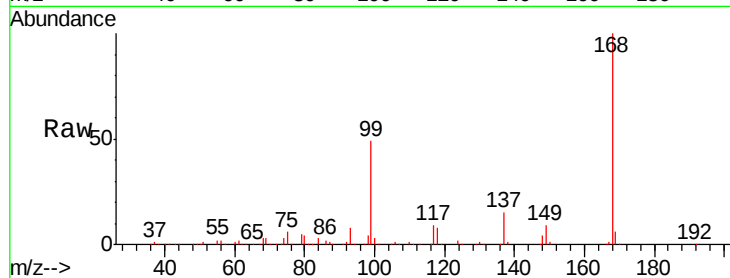
P001-SS021-0006-01ME

Tgt Ion:168 Resp: 1218130

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

100000

0

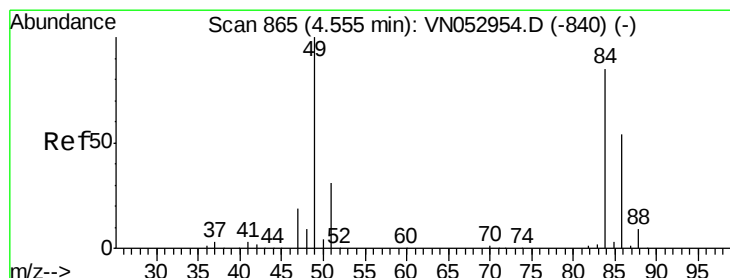
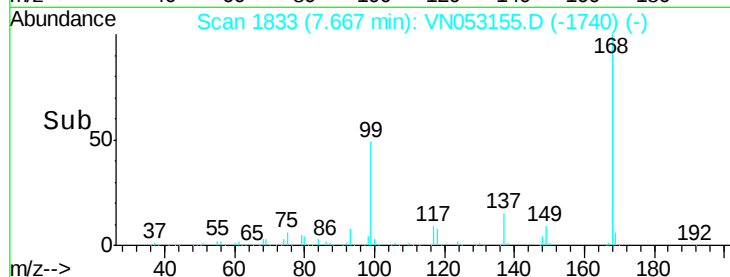
7.67

7.60

7.70

7.80

Time-->



#20

Methylene Chloride

Concen: 0.355 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN053155.D

Acq: 23 Dec 2018 2:06

Tgt Ion: 84 Resp: 4691

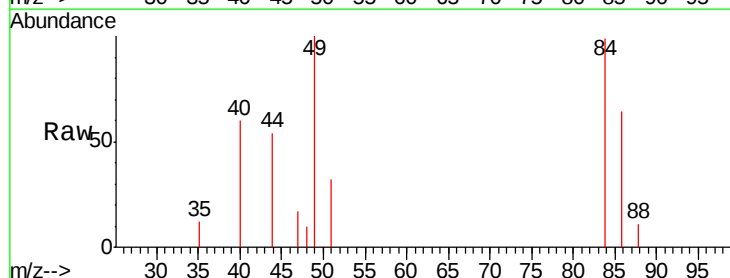
Ion Ratio Lower Upper

84 100

49 101.1 96.8 145.2

51 31.9 29.9 44.9

86 64.8 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

2500

2000

1500

1000

500

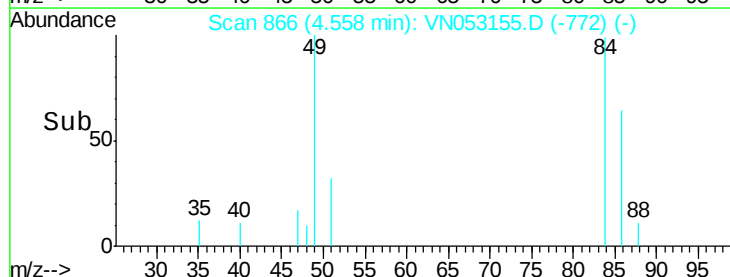
0

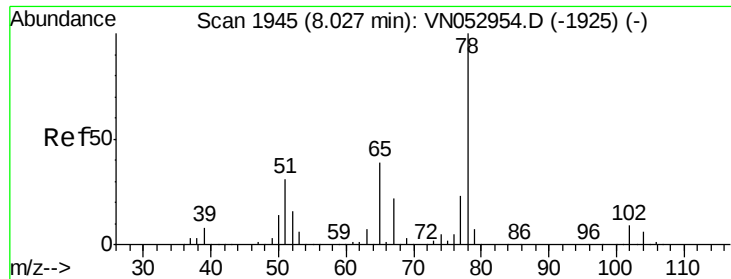
4.56

4.50

4.60

Time-->

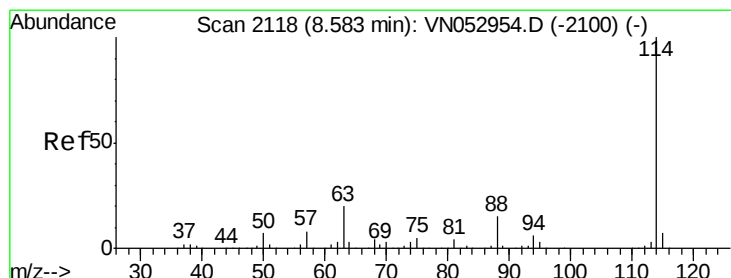
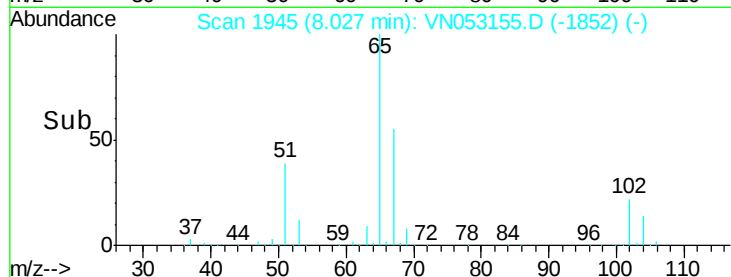
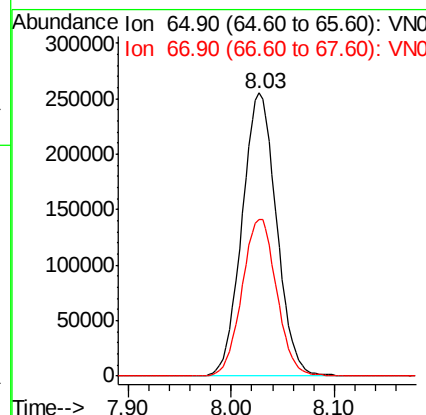
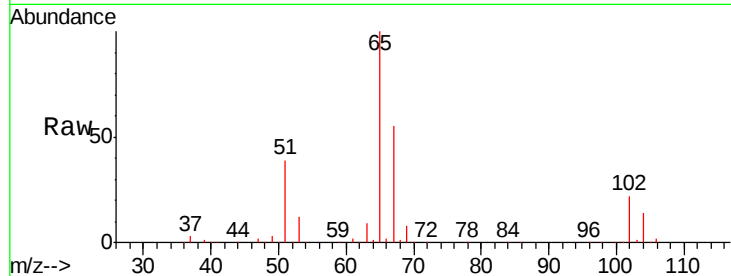




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053155.D
 Acq: 23 Dec 2018 2:06

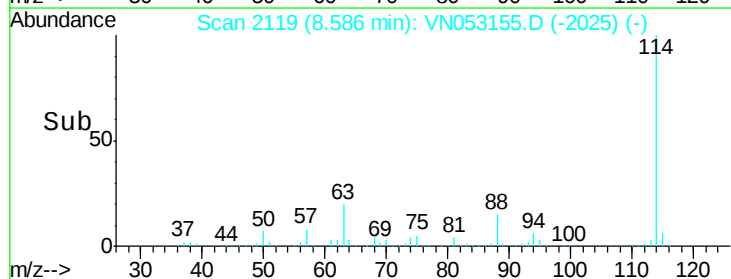
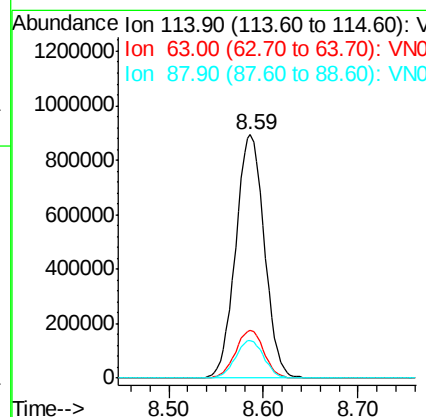
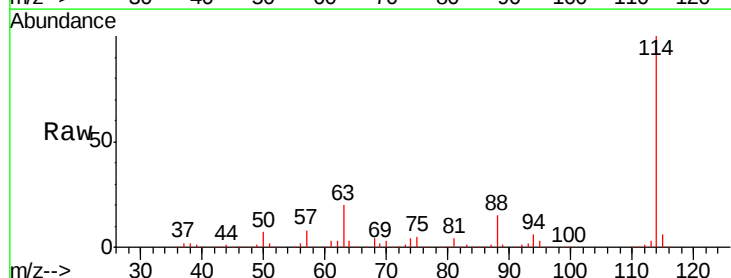
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS021-0006-01ME

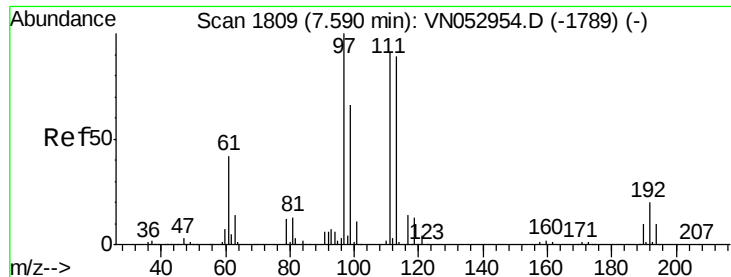
Tgt Ion: 65 Resp: 592471
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053155.D
 Acq: 23 Dec 2018 2:06

Tgt Ion: 114 Resp: 1881184
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.5 0.0 31.0

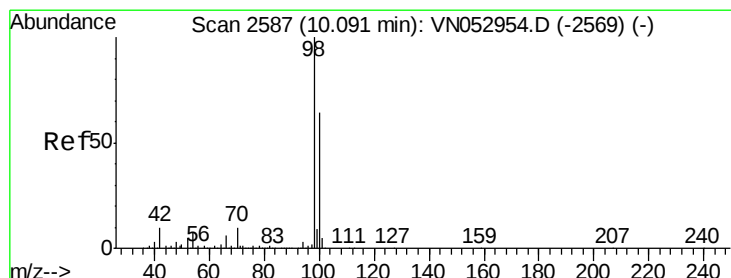
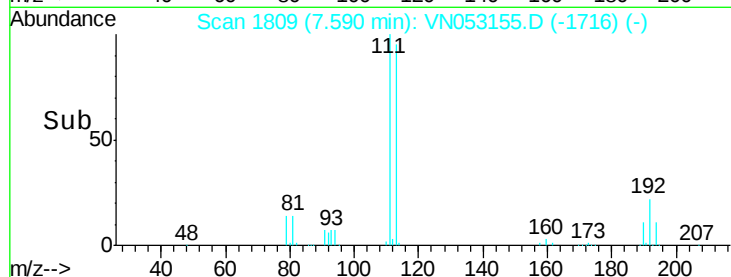
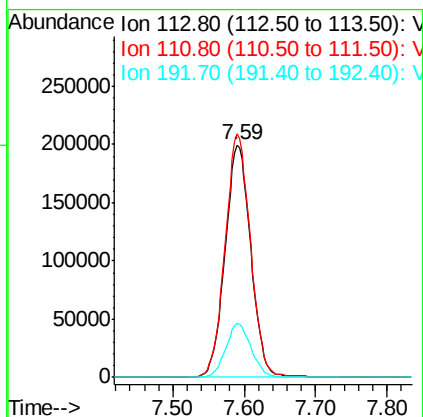
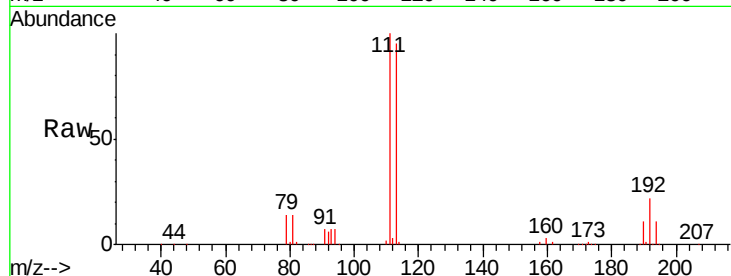




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053155.D
 Acq: 23 Dec 2018 2:06

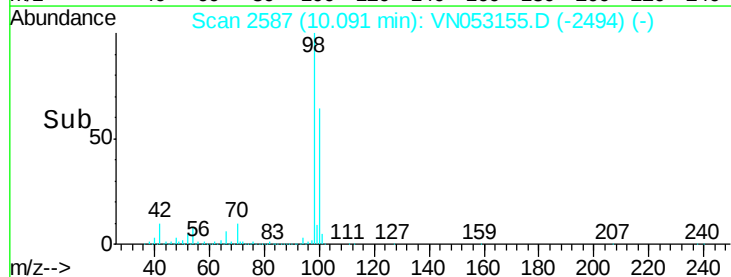
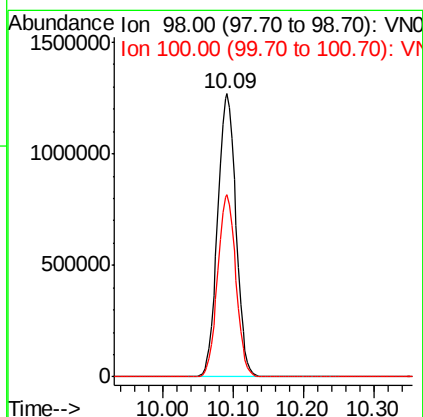
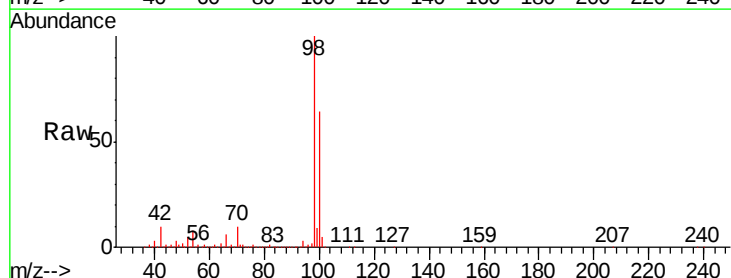
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS021-0006-01ME

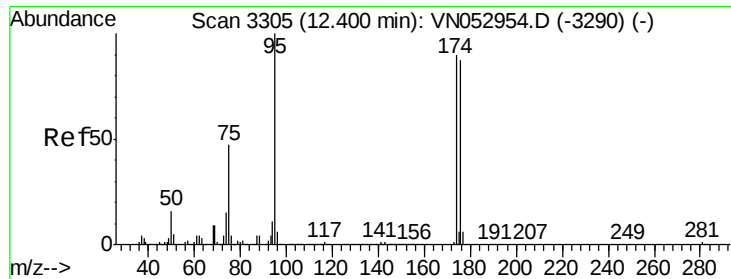
Tgt Ion:113 Resp: 501308
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.0 124.4
 192 22.8 17.5 26.3



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053155.D
 Acq: 23 Dec 2018 2:06

Tgt Ion: 98 Resp: 2296217
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053155.D

Acq: 23 Dec 2018 2:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS021-0006-01ME

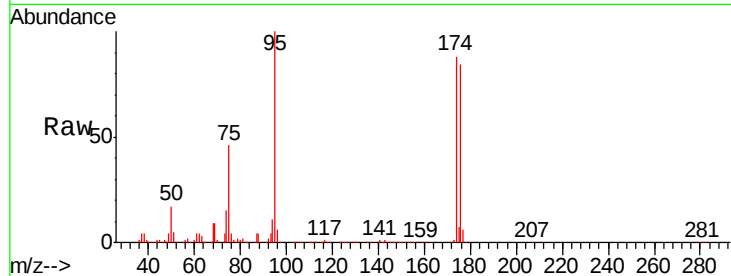
Tgt Ion: 95 Resp: 797256

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

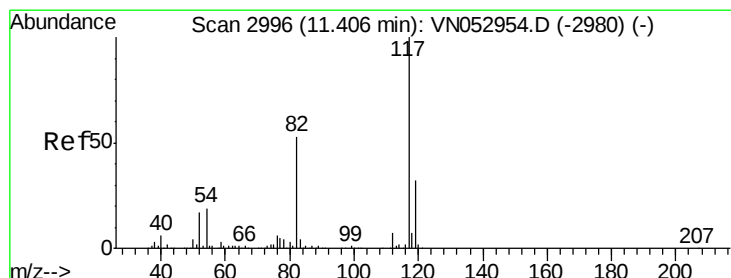
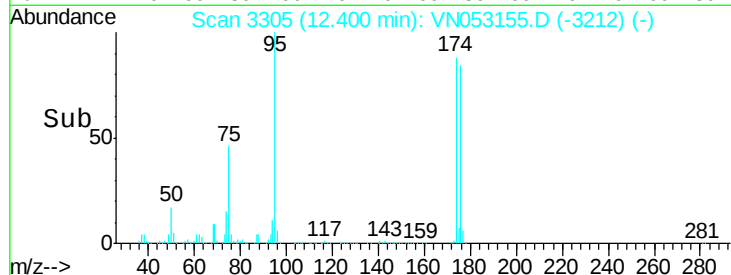
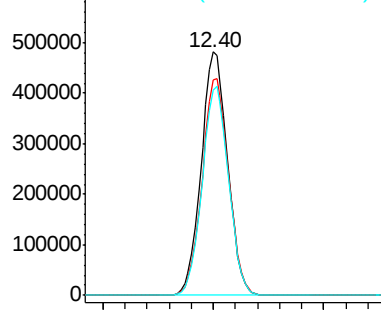
176 86.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053155.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053155.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053155.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053155.D

Acq: 23 Dec 2018 2:06

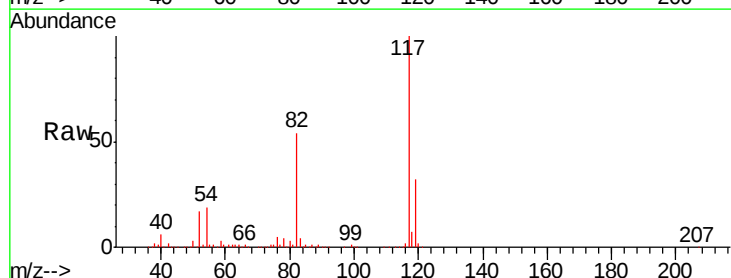
Tgt Ion: 117 Resp: 1708571

Ion Ratio Lower Upper

117 100

82 53.8 42.8 64.2

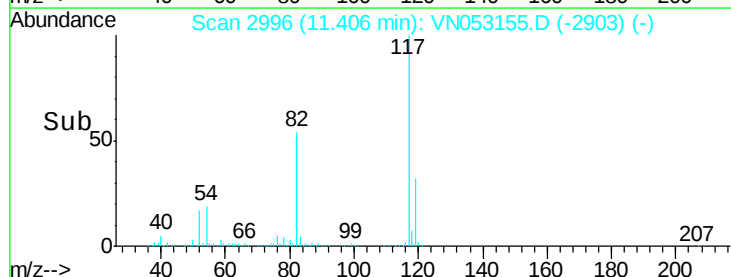
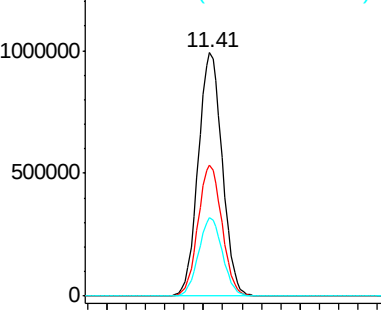
119 32.1 25.5 38.3

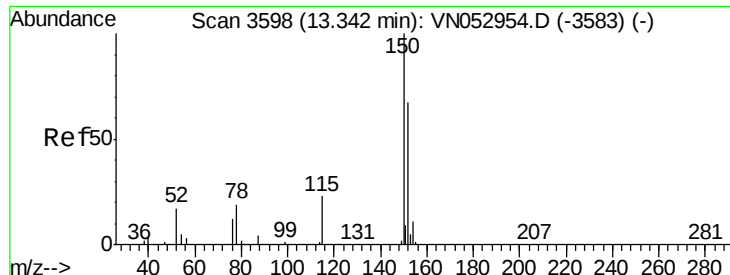


Abundance Ion 116.90 (116.60 to 117.60): VN053155.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053155.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053155.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053155.D

Acq: 23 Dec 2018 2:06

Instrument :

MSVOA_N

ClientSampleId :

P001-SS021-0006-01ME

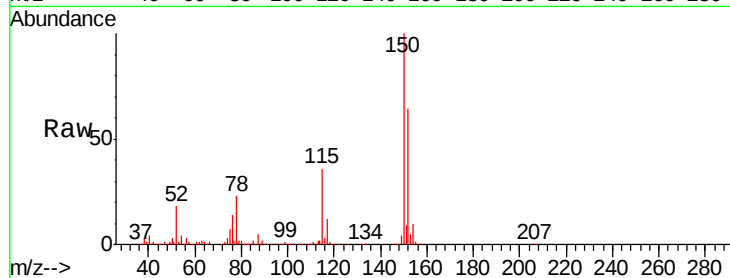
Tgt Ion:152 Resp: 719248

Ion Ratio Lower Upper

152 100

115 55.5 28.3 85.0

150 155.5 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

