

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122818\
 Data File : VN053229.D
 Acq On : 28 Dec 2018 17:10
 Operator : MD\SY
 Sample : J6591-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03_122718

Quant Time: Jan 02 09:58:08 2019
 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

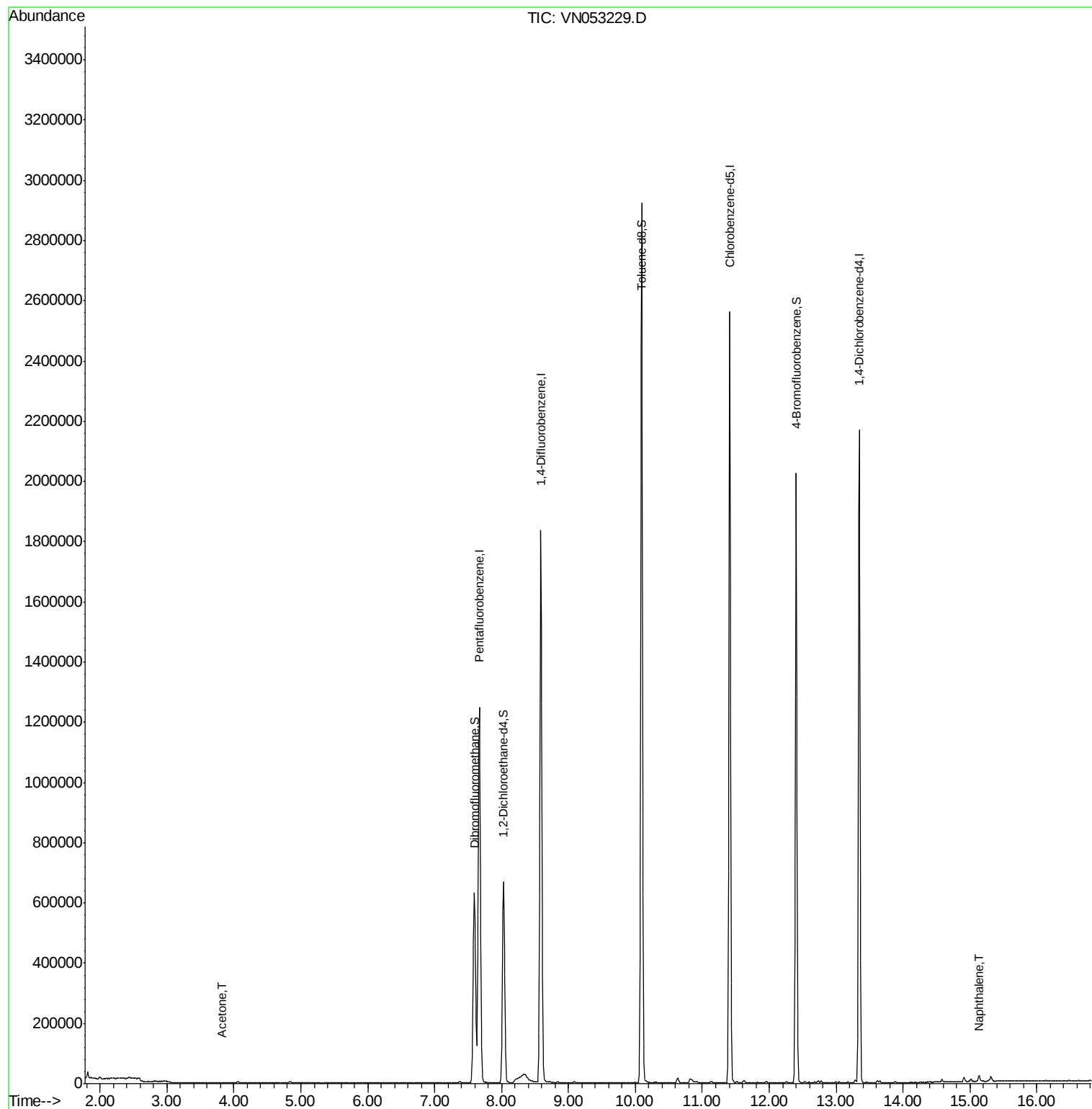
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1109166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1733430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1554389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	559906	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	7.59	113	491690	62.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.20%	
50) Toluene-d8	10.09	98	2115971	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	688905	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
16) Acetone	3.82	43	5904	2.675	ug/l	98
95) Naphthalene	15.14	128	17583	1.859	ug/l	99

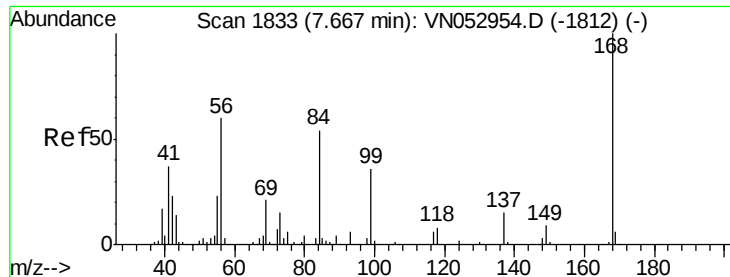
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053229.D

Acq: 28 Dec 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

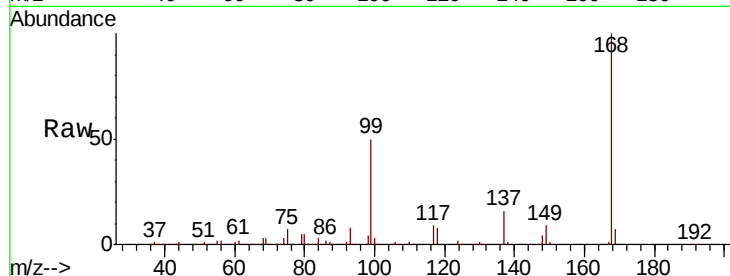
DUP03_122718

Tot Ion:168 Resp: 1109166

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053229.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053229.D (-1740) (-)

7.67

500000

400000

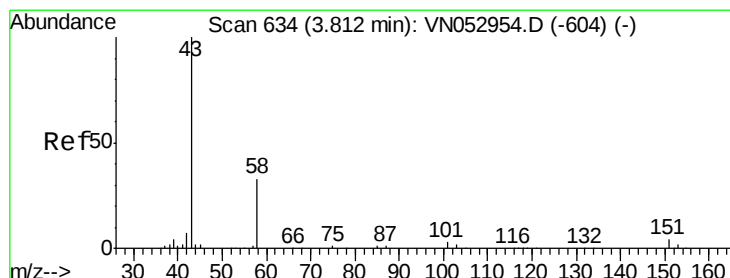
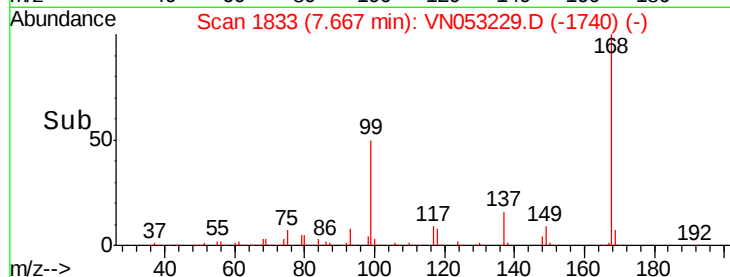
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.675 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053229.D

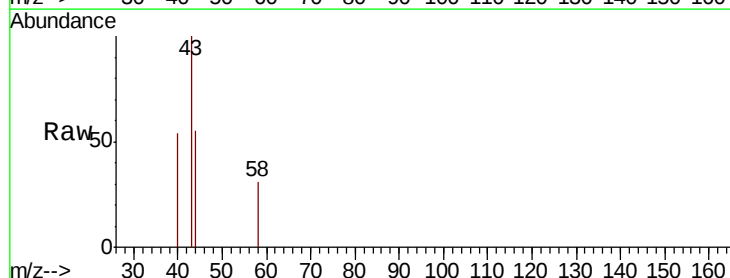
Acq: 28 Dec 2018 17:10

Tgt Ion: 43 Resp: 5904

Ion Ratio Lower Upper

43 100

58 30.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053229.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053229.D (-541) (-)

3.82

2000

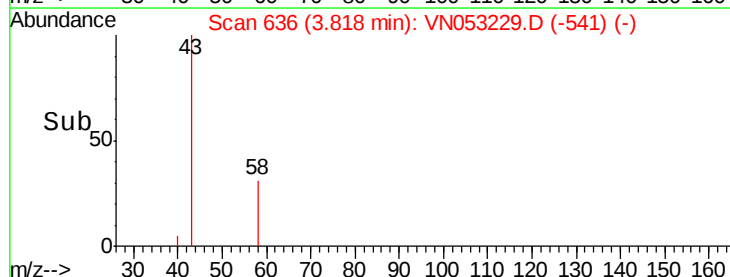
1500

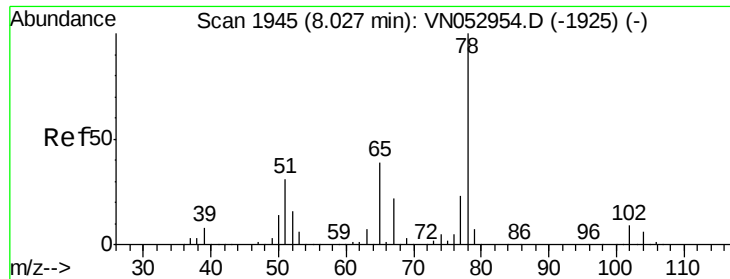
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053229.D

Acq: 28 Dec 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

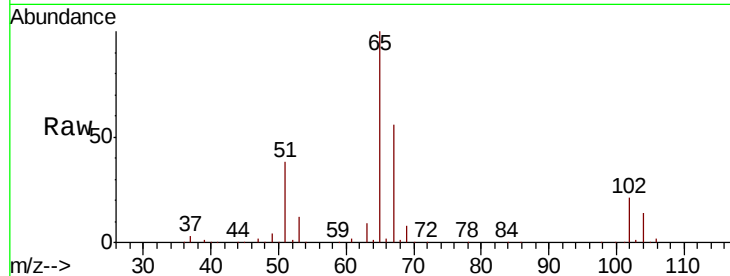
DUP03_122718

Tot Ion: 65 Resp: 559906

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053229.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053229.D (-1925) (-)

8.03

250000

200000

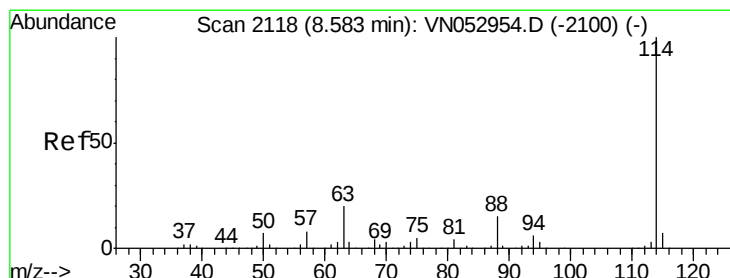
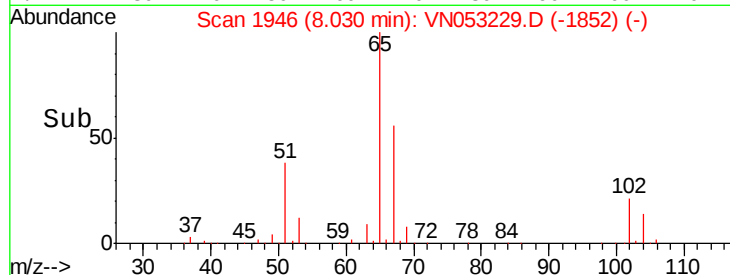
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053229.D

Acq: 28 Dec 2018 17:10

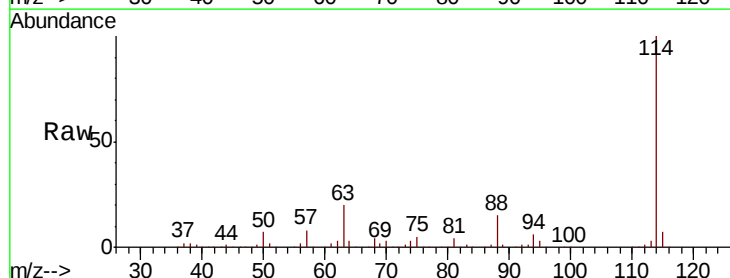
Tgt Ion: 114 Resp: 1733430

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN053229.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN053229.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN053229.D (-2025) (-)

8.59

1000000

800000

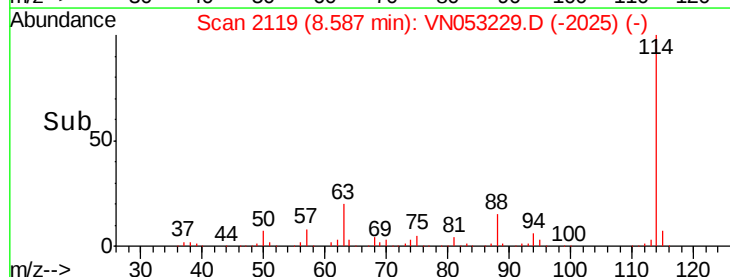
600000

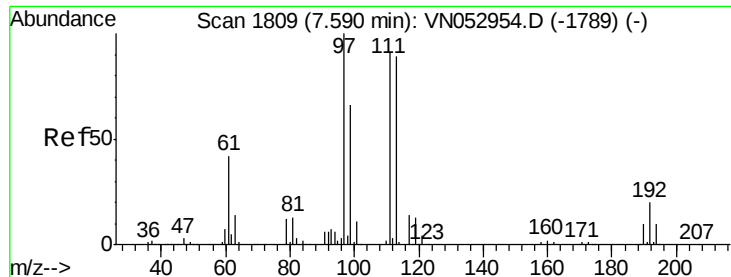
400000

200000

0

Time-->

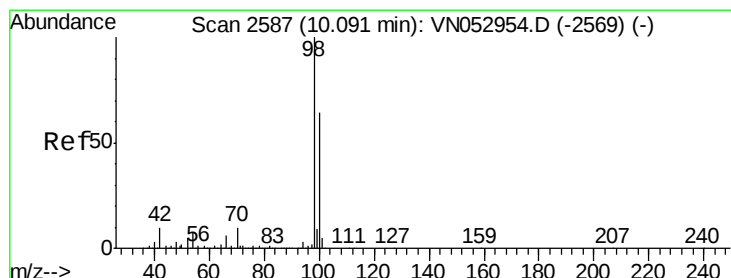
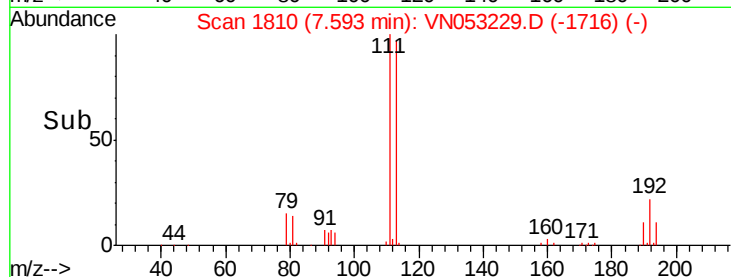
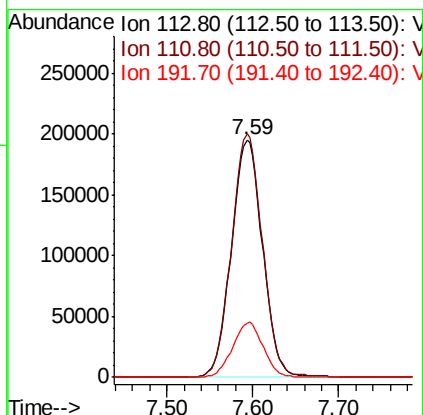
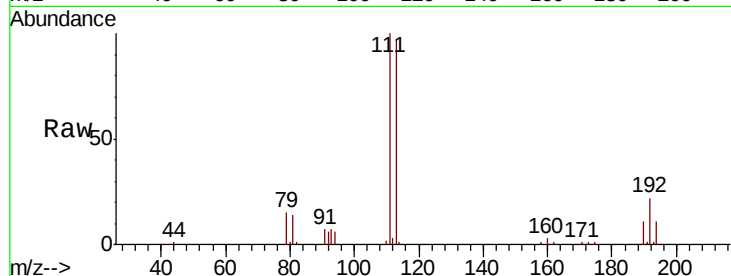




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053229.D
Acq: 28 Dec 2018 17:10

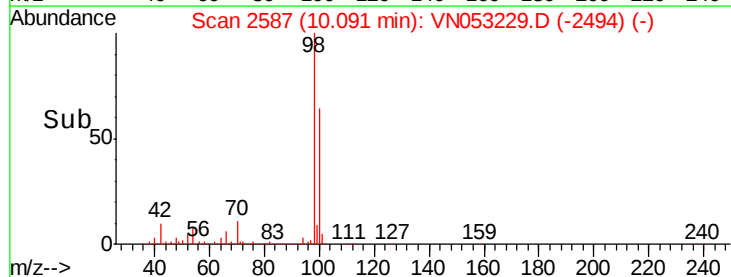
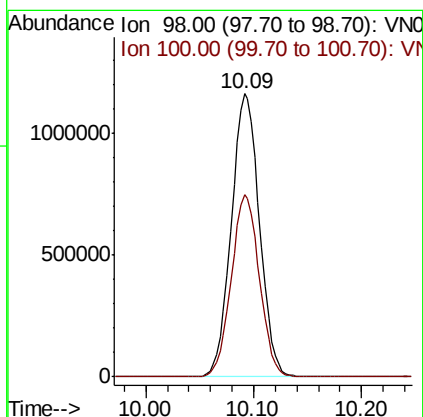
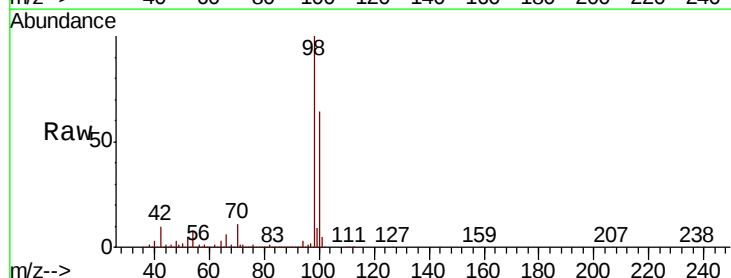
Instrument :
MSVOA_N
ClientSampleId :
DUP03_122718

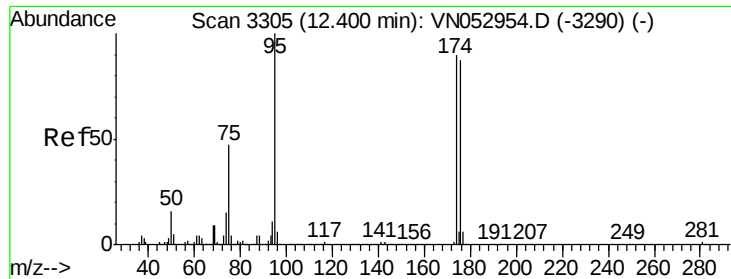
Tot Ion:113 Resp: 491690
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 22.8 17.5 26.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053229.D
Acq: 28 Dec 2018 17:10

Tgt Ion: 98 Resp: 2115971
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053229.D

Acq: 28 Dec 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

DUP03_122718

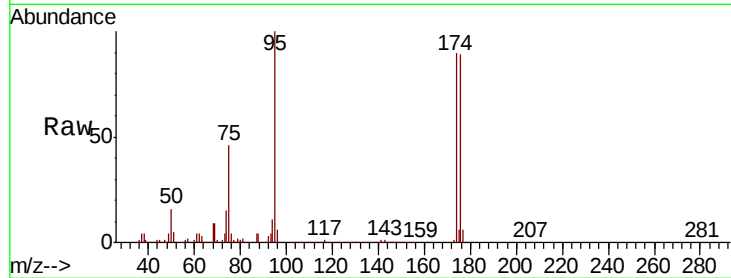
Tot Ion: 95 Resp: 688905

Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.8

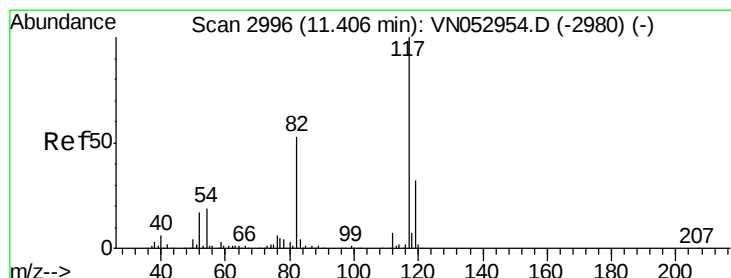
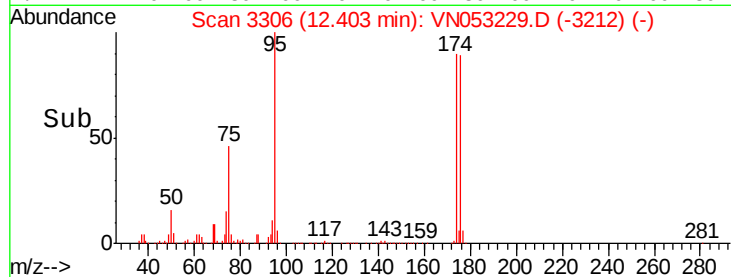
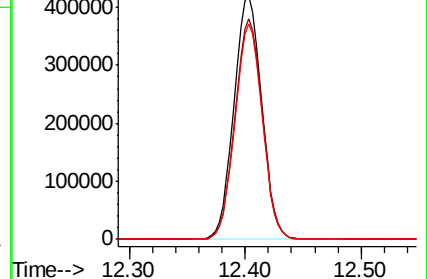
176 87.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053229.D

Acq: 28 Dec 2018 17:10

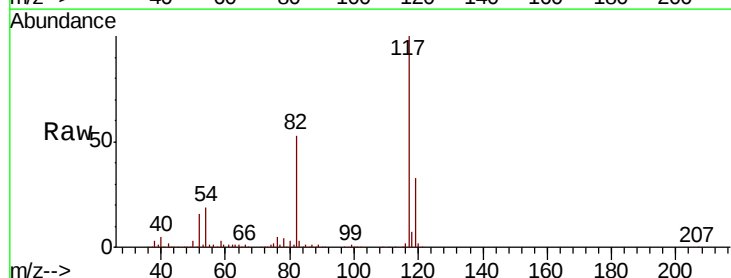
Tgt Ion: 117 Resp: 1554389

Ion Ratio Lower Upper

117 100

82 52.8 42.8 64.2

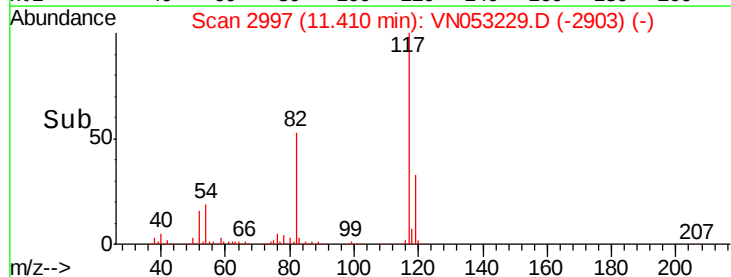
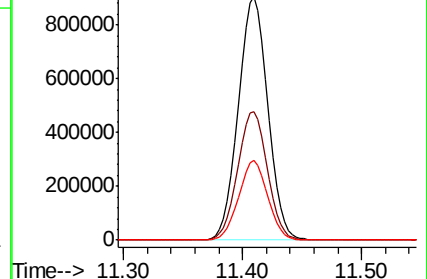
119 32.6 25.5 38.3

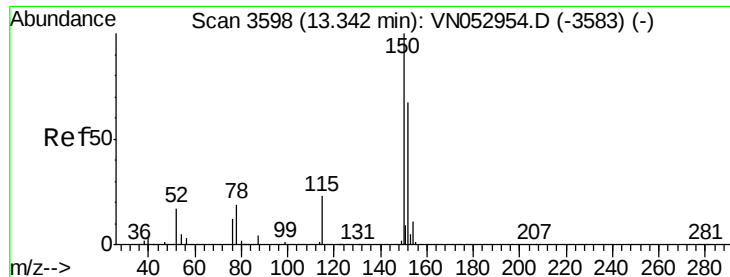


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053229.D

Acq: 28 Dec 2018 17:10

Instrument :

MSVOA_N

ClientSampleId :

DUP03_122718

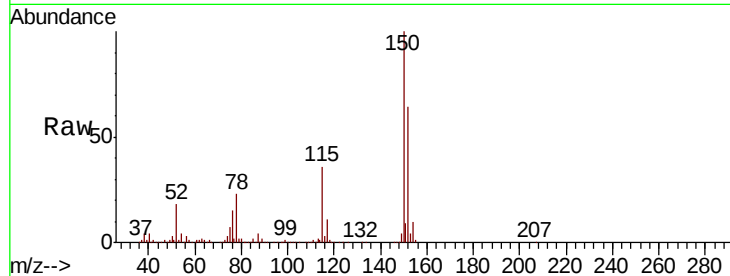
Tot Ion:152 Resp: 613661

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

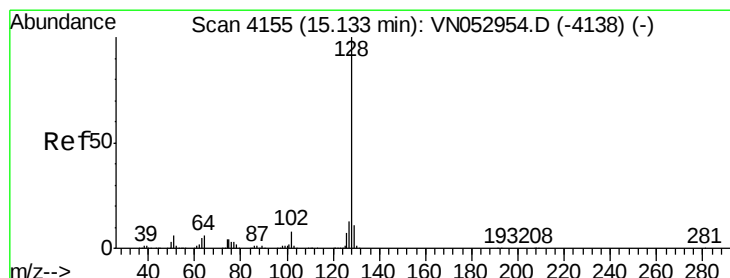
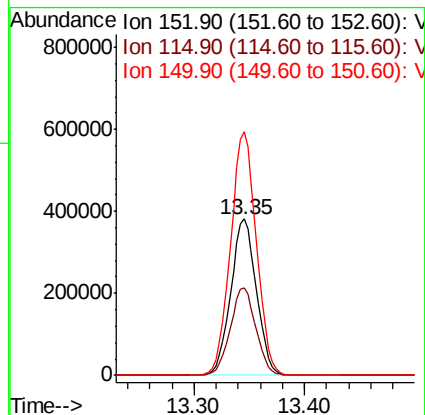
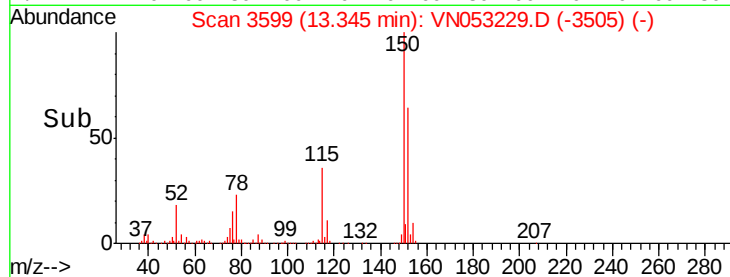
150 156.7 0.0 347.8



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



#95

Naphthalene

Concen: 1.859 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053229.D

Acq: 28 Dec 2018 17:10

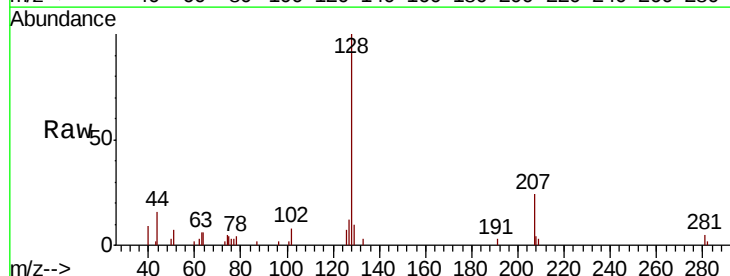
Tgt Ion:128 Resp: 17583

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 11.0 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

