

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059067.D
 Acq On : 1 Nov 2019 17:04
 Operator : JC/SP
 Sample : K5615-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-52

Quant Time: Nov 02 05:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

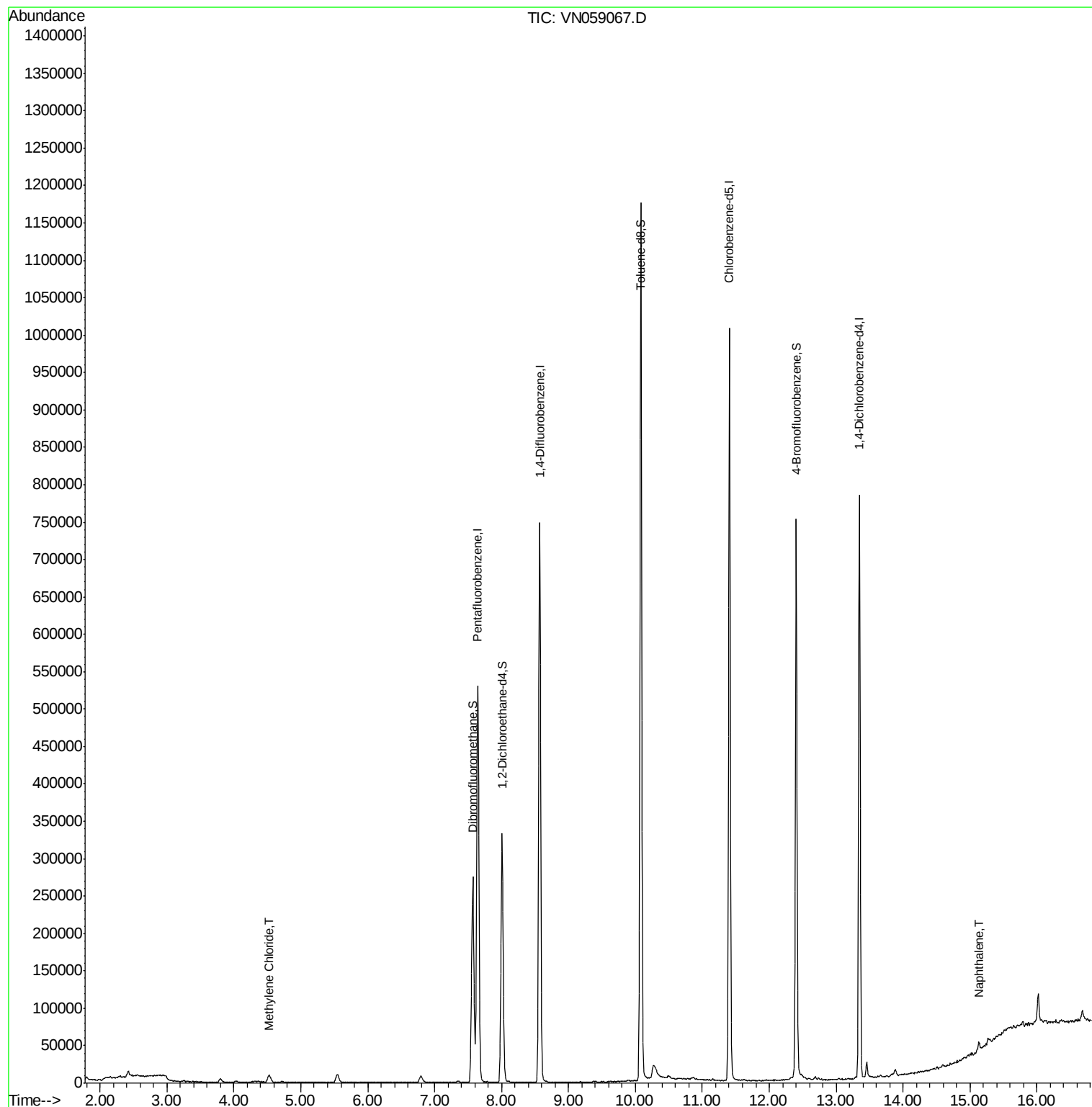
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	428953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	670880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	284884	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	7.57	113	211408	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	10.08	98	815544	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.40	95	261612	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
20) Methylene Chloride	4.53	84	8050	1.599	ug/l	94
95) Naphthalene	15.13	128	7232	3.575	ug/l #	88

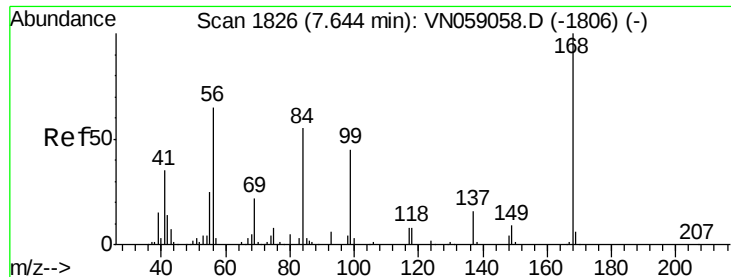
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059067.D

Acq: 1 Nov 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

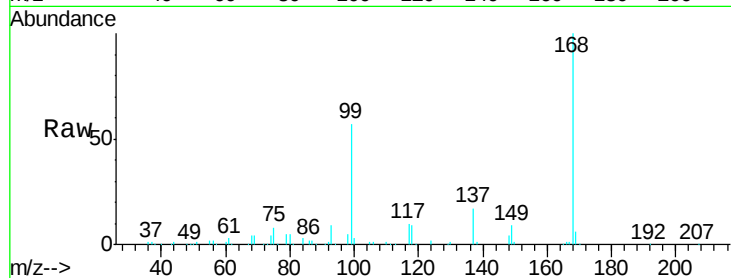
RBR-52

Tgt Ion:168 Resp: 428953

Ion Ratio Lower Upper

168 100

99 57.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

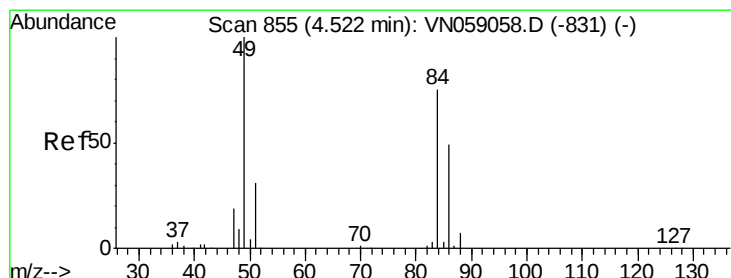
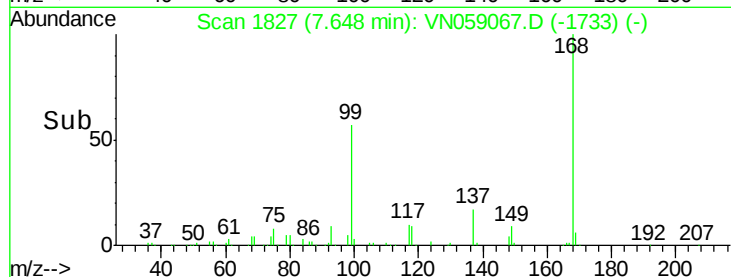
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.599 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059067.D

Acq: 1 Nov 2019 17:04

Tgt Ion: 84 Resp: 8050

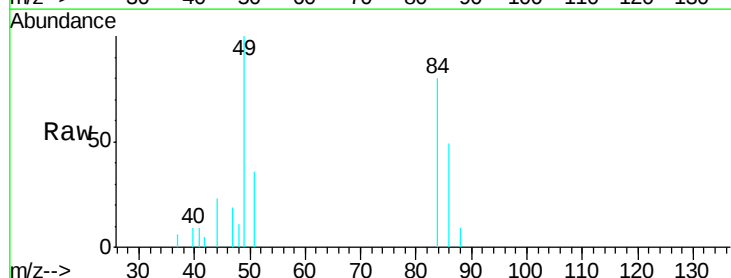
Ion Ratio Lower Upper

84 100

49 124.5 106.4 159.6

51 44.2 33.0 49.4

86 60.6 52.0 78.0



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

4000

3000

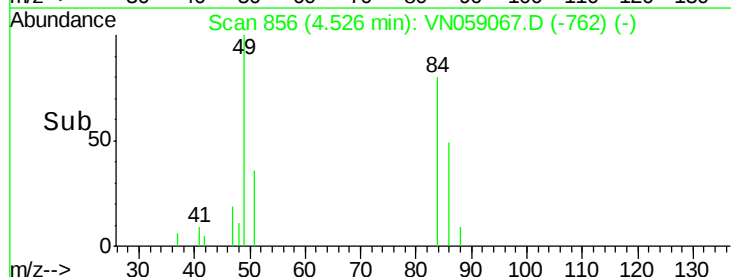
2000

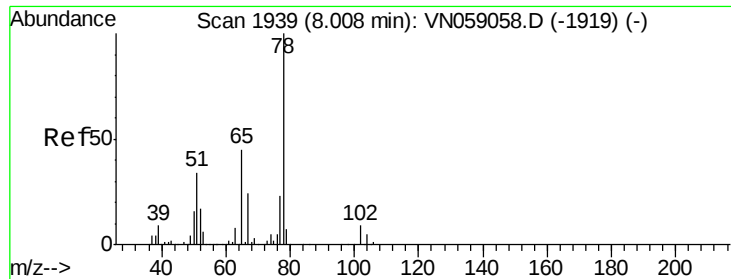
1000

0

4.45 4.50 4.55 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.147 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059067.D

Acq: 1 Nov 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

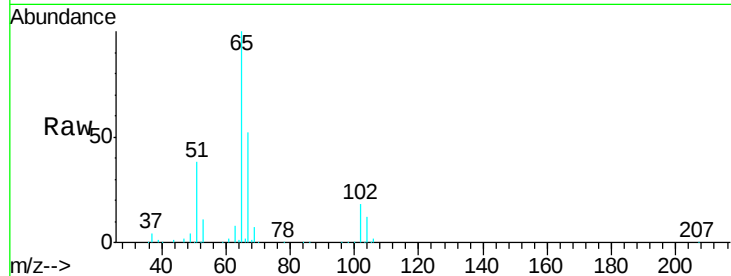
RBR-52

Tgt Ion: 65 Resp: 284884

Ion Ratio Lower Upper

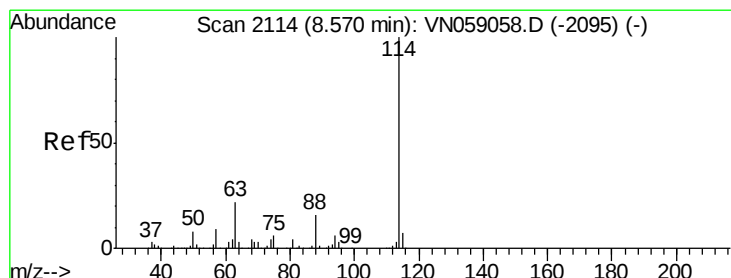
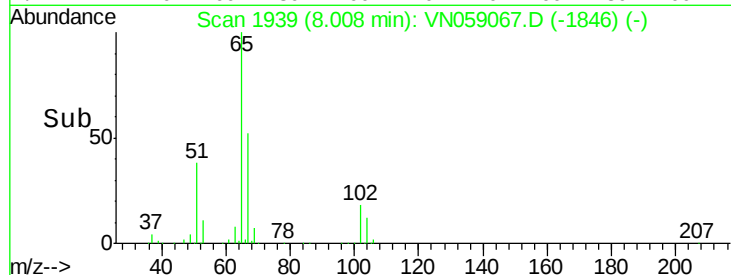
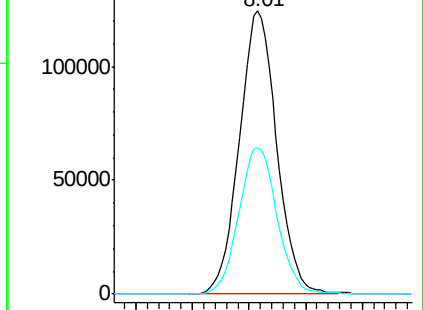
65 100

67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN059058.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN059058.D (-1919) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059067.D

Acq: 1 Nov 2019 17:04

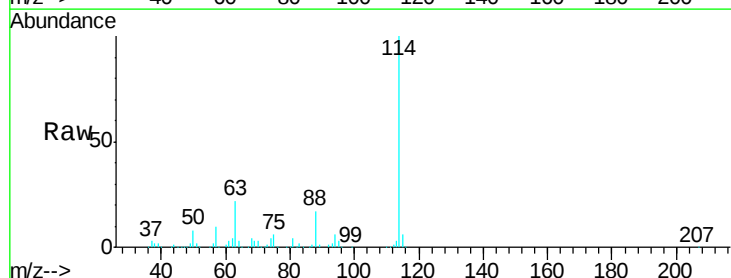
Tgt Ion: 114 Resp: 670880

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

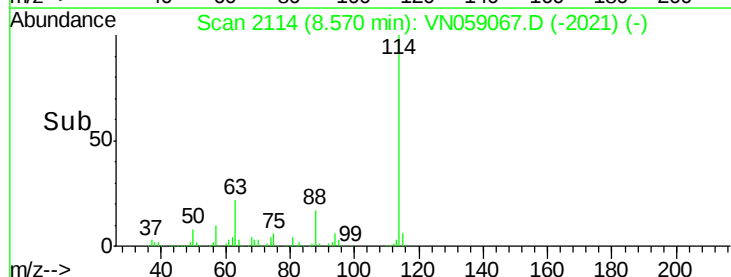
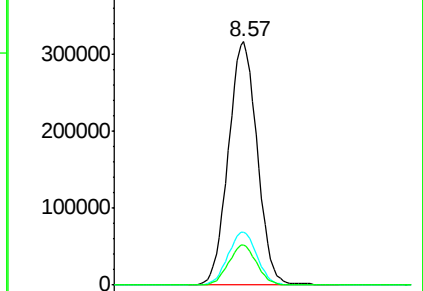
88 16.6 0.0 33.0

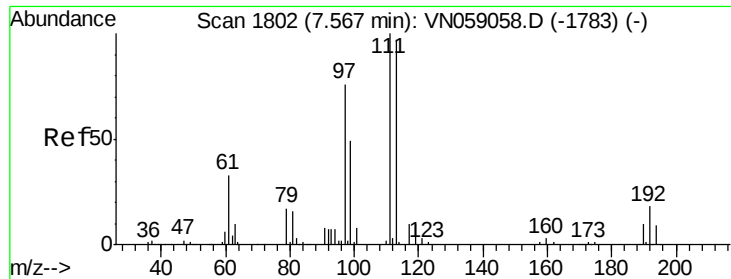


Abundance Ion 113.90 (113.60 to 114.60): VN059058.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN059058.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN059058.D (-2095) (-)

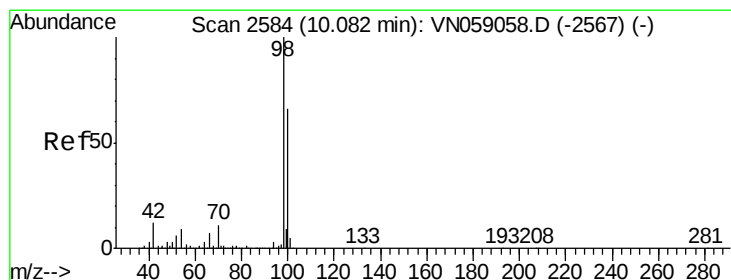
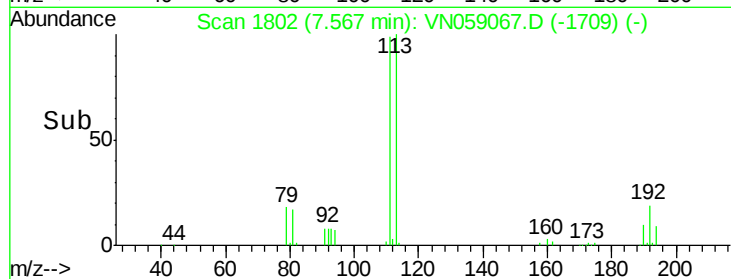
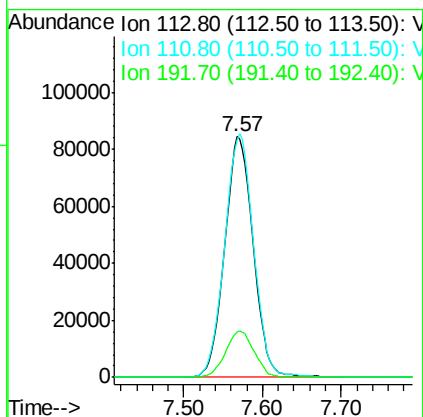
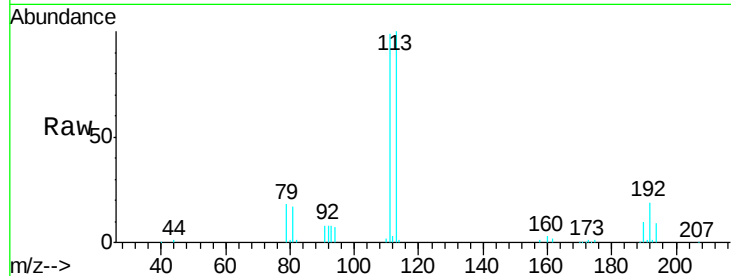




#35
Dibromofluoromethane
Concen: 48.847 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059067.D
Acq: 1 Nov 2019 17:04

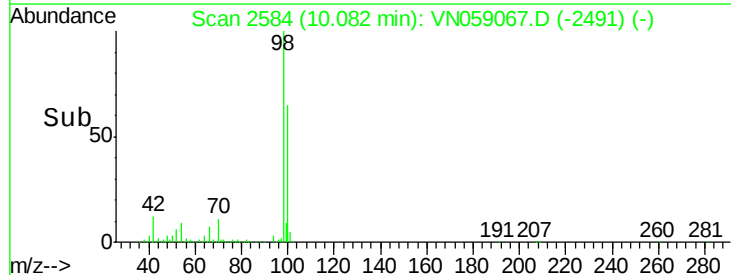
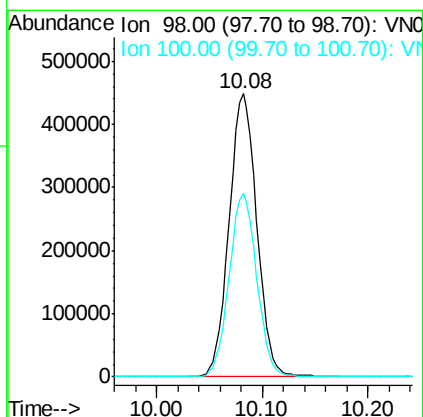
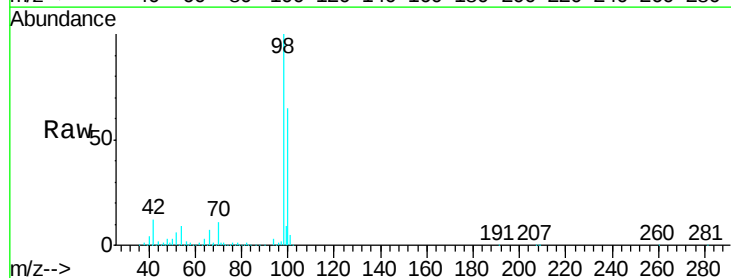
Instrument :
MSVOA_N
ClientSampled :
RBR-52

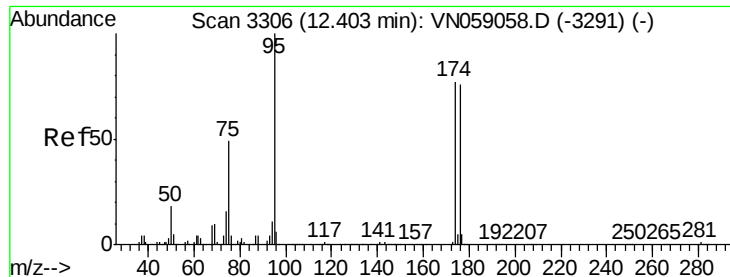
Tgt Ion:113 Resp: 211408
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.4 15.9 23.9



#50
Toluene-d8
Concen: 48.400 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059067.D
Acq: 1 Nov 2019 17:04

Tgt Ion: 98 Resp: 815544
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

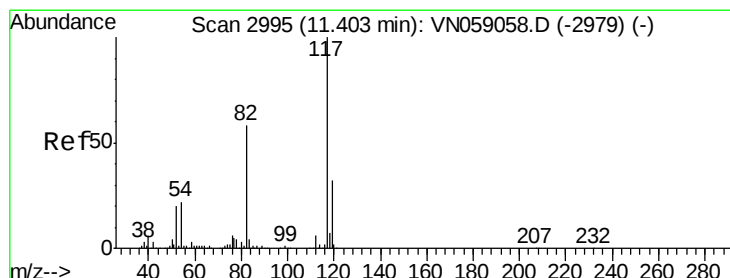
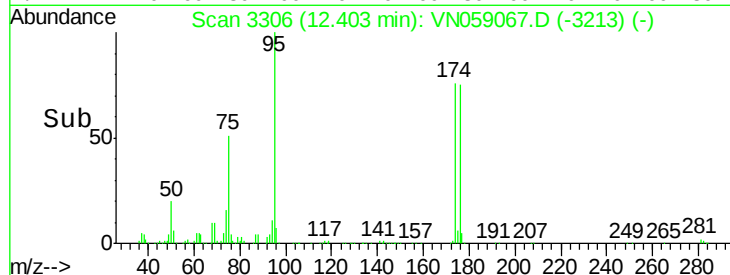
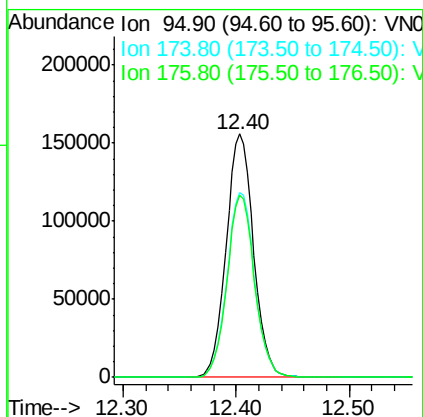
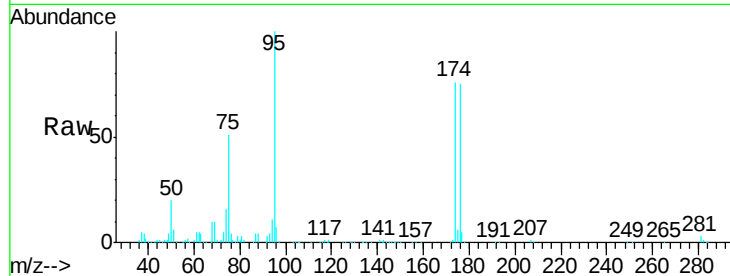




#62
4-Bromofluorobenzene
Concen: 43.191 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059067.D
Acq: 1 Nov 2019 17:04

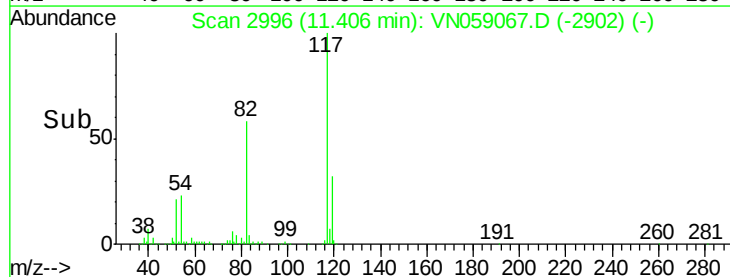
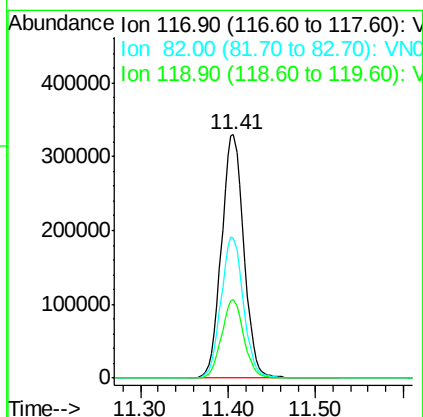
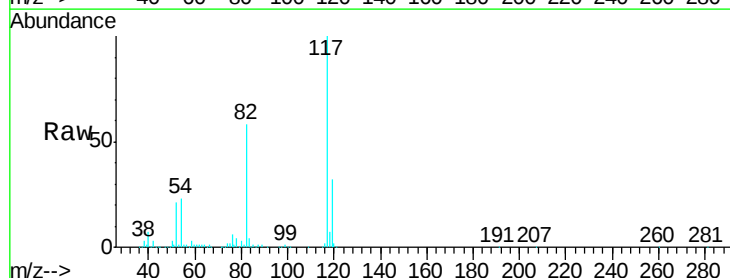
Instrument :
MSVOA_N
ClientSampled :
RBR-52

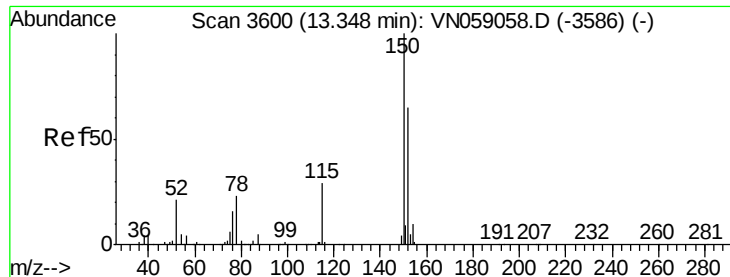
Tgt Ion: 95 Resp: 261612
Ion Ratio Lower Upper
95 100
174 77.2 0.0 155.8
176 75.1 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059067.D
Acq: 1 Nov 2019 17:04

Tgt Ion: 117 Resp: 585096
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059067.D

Acq: 1 Nov 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

RBR-52

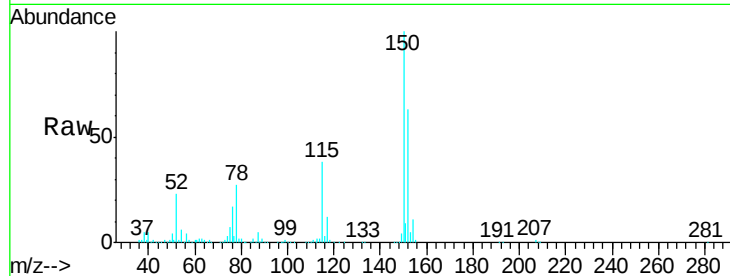
Tgt Ion:152 Resp: 211270

Ion Ratio Lower Upper

152 100

115 60.8 29.6 88.9

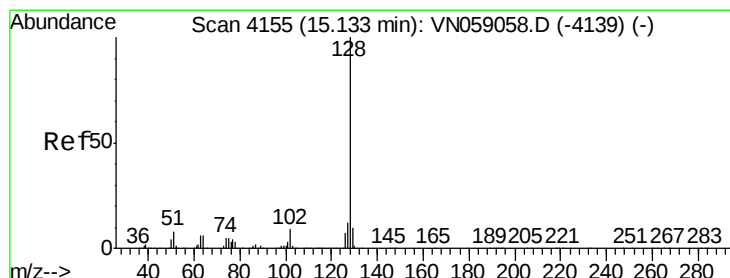
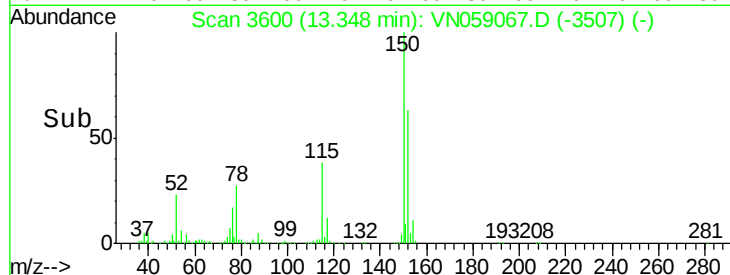
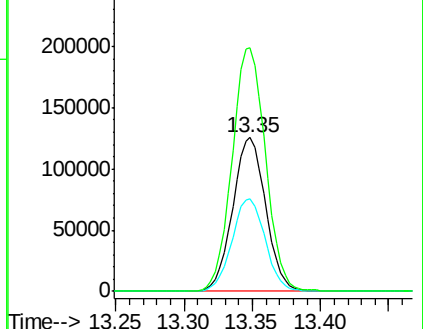
150 160.5 0.0 345.8



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: 3.575 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059067.D

Acq: 1 Nov 2019 17:04

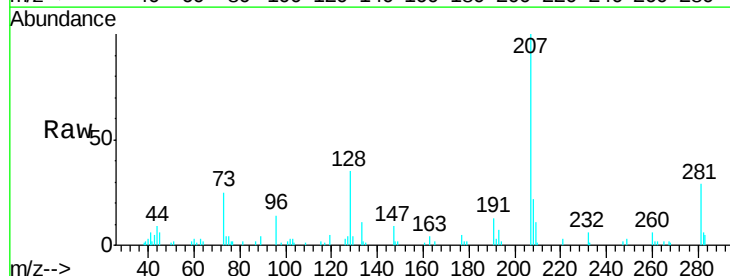
Tgt Ion:128 Resp: 7232

Ion Ratio Lower Upper

128 100

127 4.3 9.9 14.9#

129 11.0 8.4 12.6



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

