

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059104.D
 Acq On : 6 Nov 2019 13:56
 Operator : JC/SP
 Sample : K5671-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-110519

Quant Time: Nov 07 04:22:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

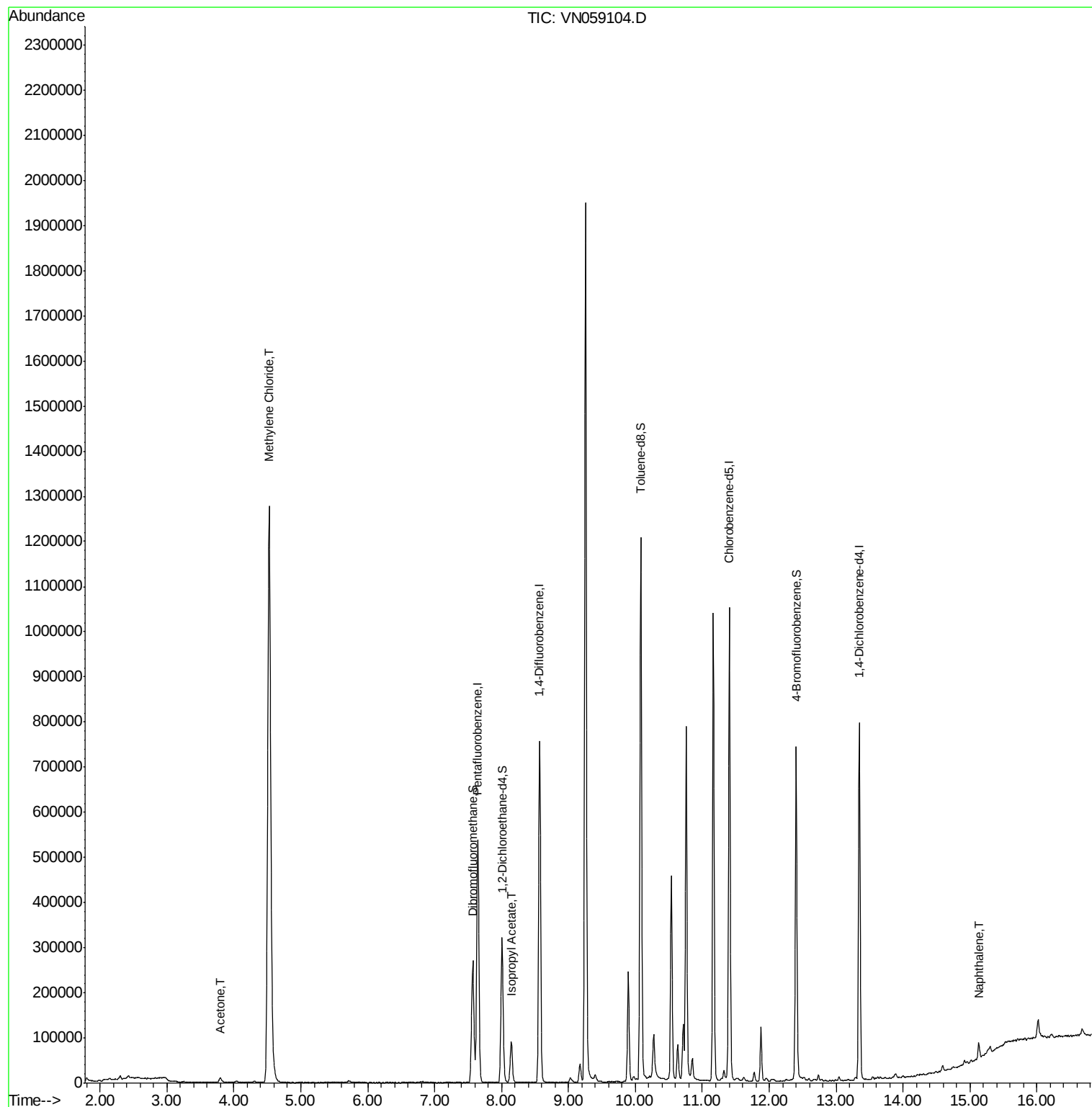
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	443709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	686033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	602171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	272340	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	7.57	113	210227	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.08	98	840460	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.40	95	267036	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
16) Acetone	3.80	43	18178	6.409	ug/l	96
20) Methylene Chloride	4.53	84	1002065	202.791	ug/l	98
43) Isopropyl Acetate	8.15	43	108226	9.516	ug/l #	92
95) Naphthalene	15.13	128	28277	5.424	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
Data File : VN059104.D
Acq On : 6 Nov 2019 13:56
Operator : JC/SP
Sample : K5671-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OR-02-110519

Quant Time: Nov 07 04:22:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

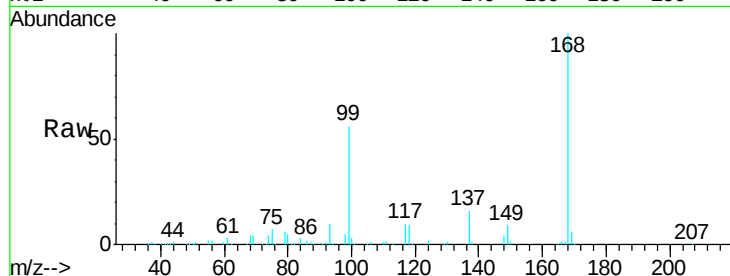
OR-02-110519

Tgt Ion:168 Resp: 443709

Ion Ratio Lower Upper

168 100

99 56.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

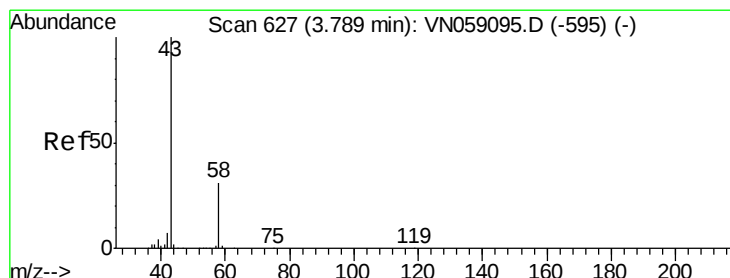
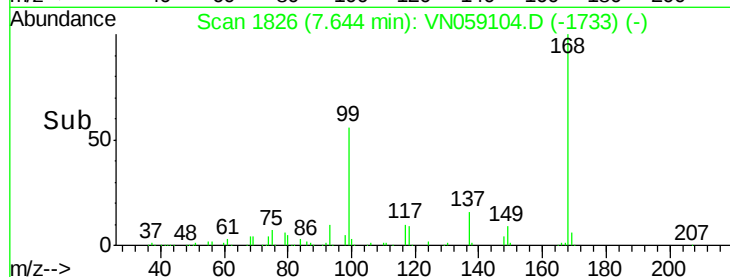
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.409 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059104.D

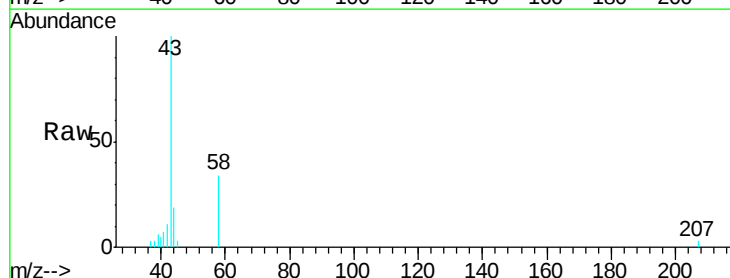
Acq: 6 Nov 2019 13:56

Tgt Ion: 43 Resp: 18178

Ion Ratio Lower Upper

43 100

58 33.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

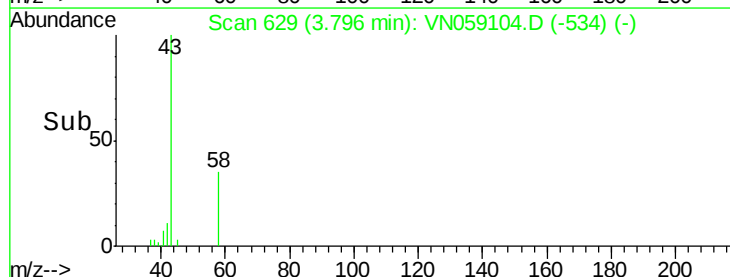
4000

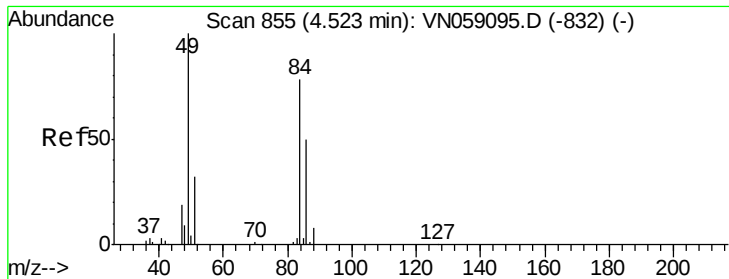
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 202.791 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

OR-02-110519

Tgt Ion: 84 Resp: 1002065

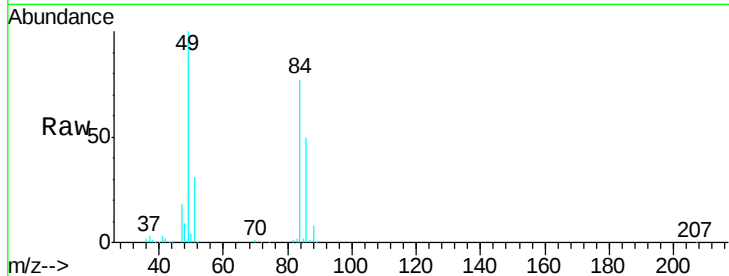
Ion Ratio Lower Upper

84 100

49 129.5 102.0 153.0

51 39.7 32.2 48.2

86 64.9 50.7 76.1

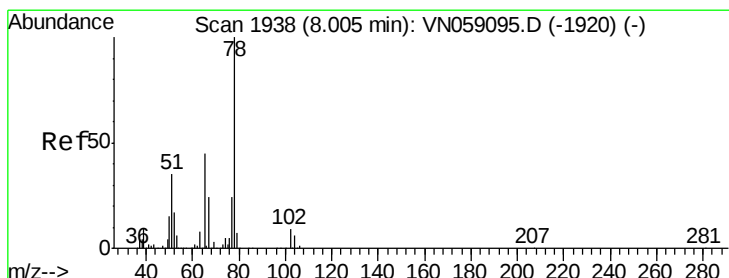
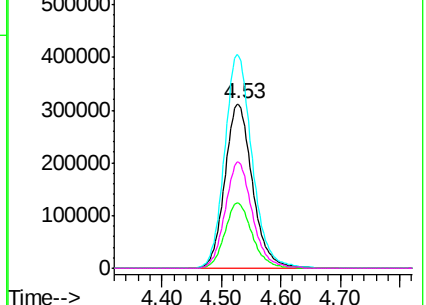
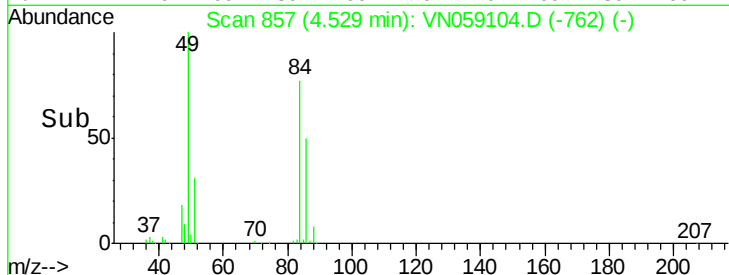


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.931 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059104.D

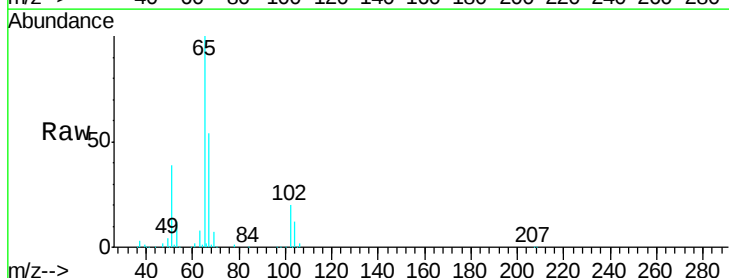
Acq: 6 Nov 2019 13:56

Tgt Ion: 65 Resp: 272340

Ion Ratio Lower Upper

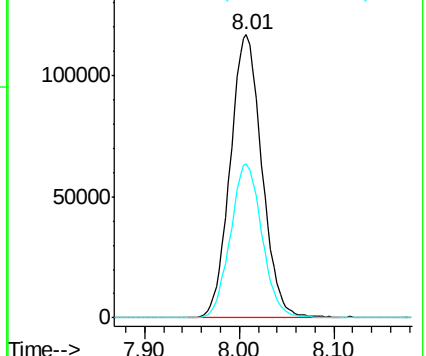
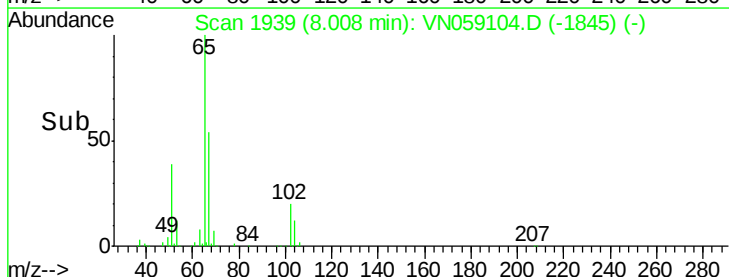
65 100

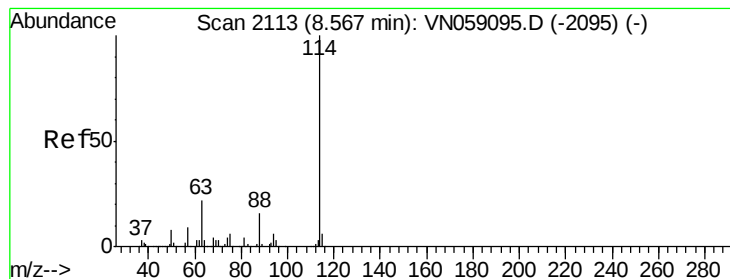
67 54.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

OR-02-110519

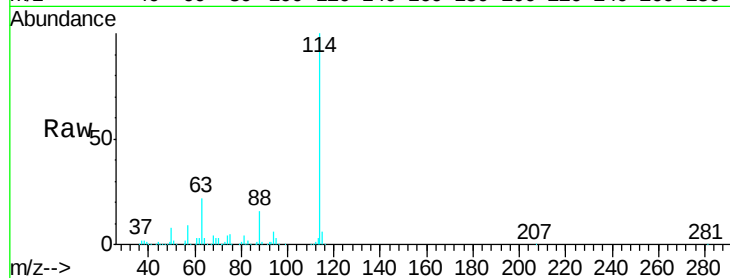
Tgt Ion:114 Resp: 686033

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

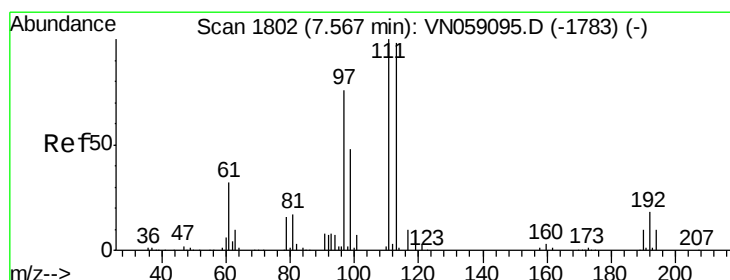
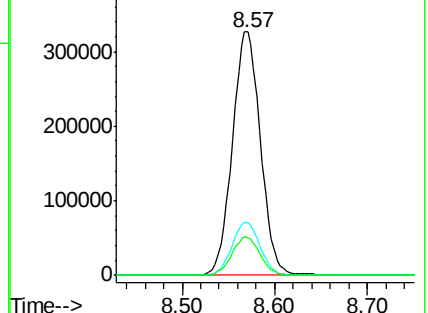
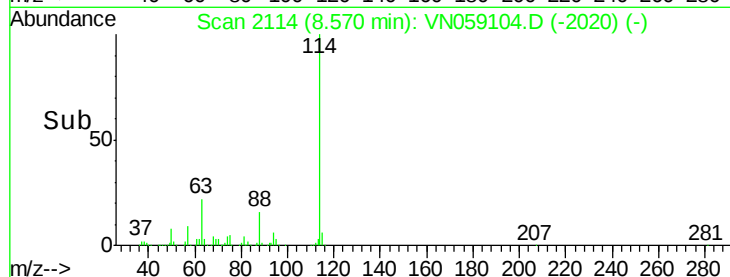
88 15.7 0.0 32.2



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: 51.321 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

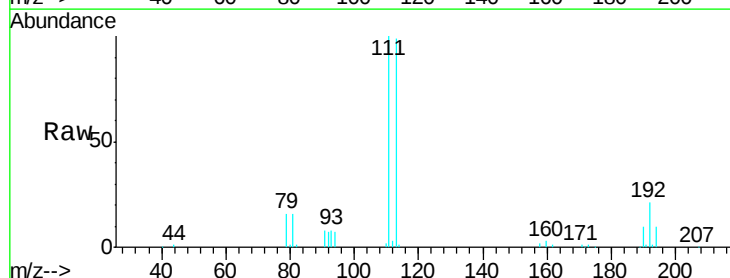
Tgt Ion:113 Resp: 210227

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

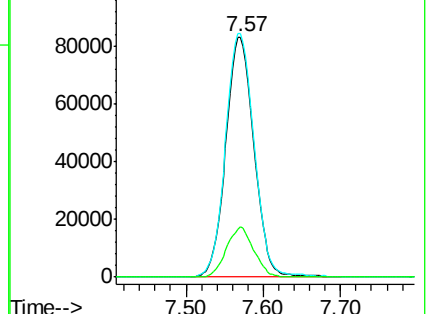
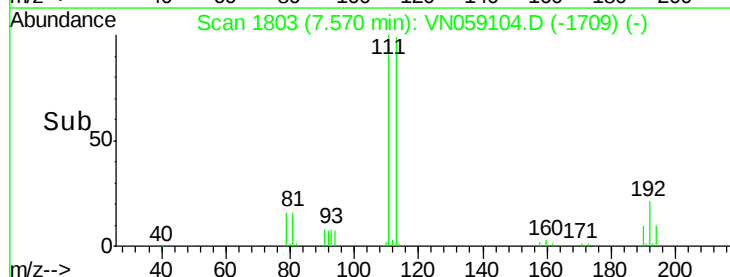
192 20.1 16.1 24.1

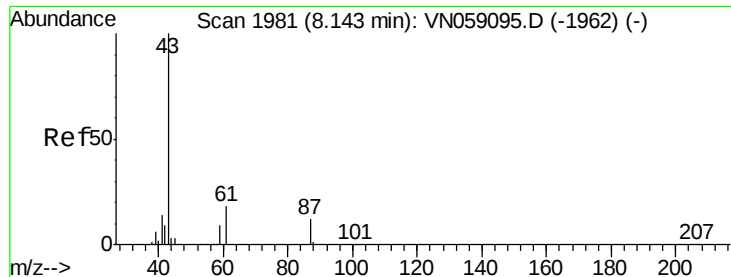


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

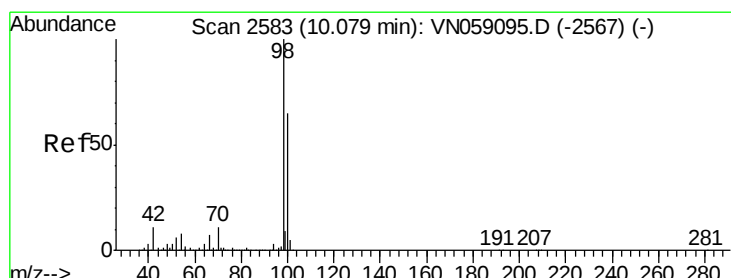
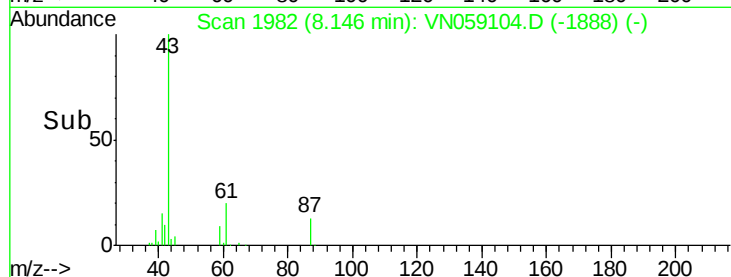
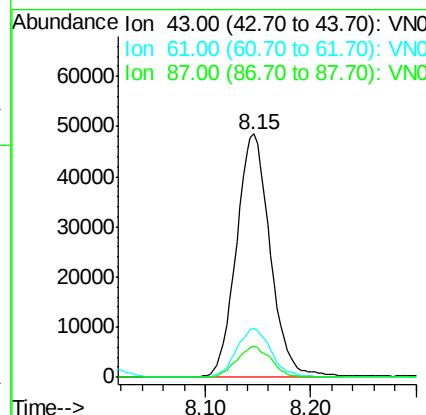
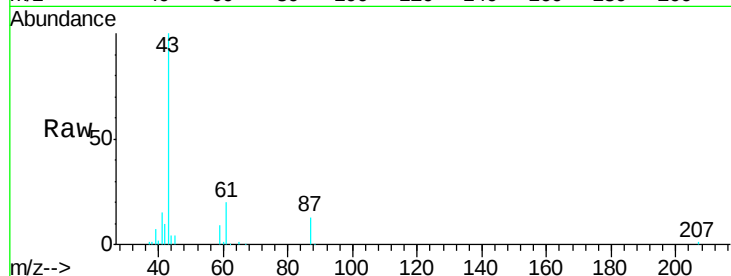




#43
Isopropyl Acetate
Concen: 9.516 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059104.D
Acq: 6 Nov 2019 13:56

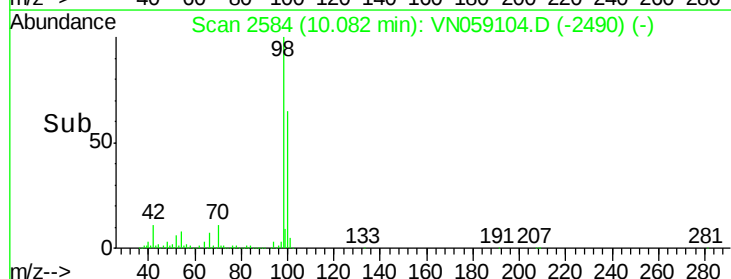
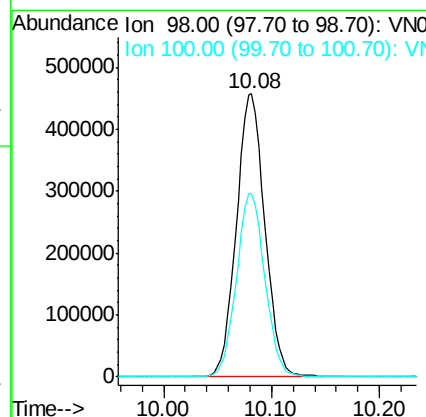
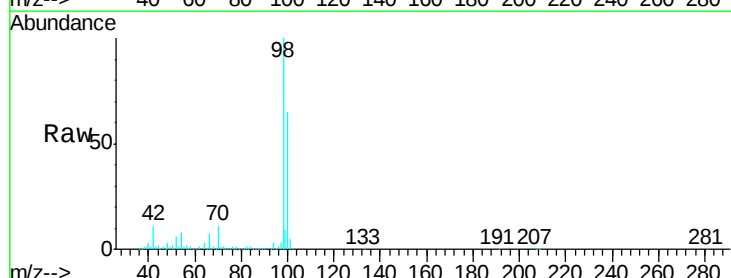
Instrument :
MSVOA_N
ClientSampleId :
OR-02-110519

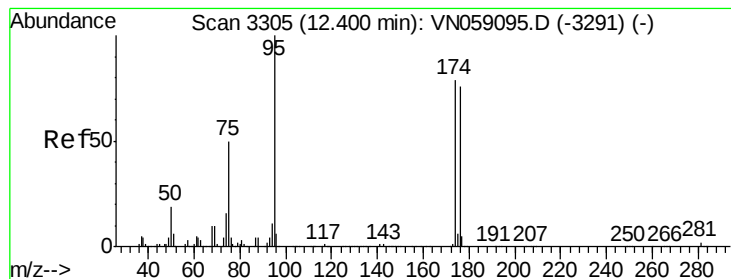
Tgt Ion: 43 Resp: 108226
Ion Ratio Lower Upper
43 100
61 20.4 21.0 31.6#
87 12.7 9.8 14.6



#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059104.D
Acq: 6 Nov 2019 13:56

Tgt Ion: 98 Resp: 840460
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 45.901 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

OR-02-110519

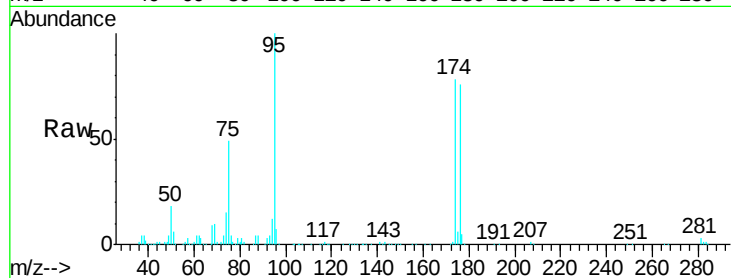
Tgt Ion: 95 Resp: 267036

Ion Ratio Lower Upper

95 100

174 78.4 0.0 158.2

176 75.1 0.0 151.8

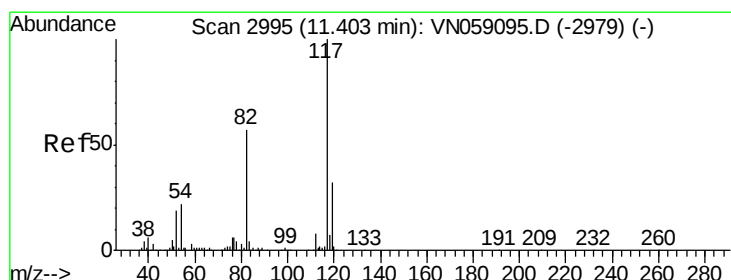
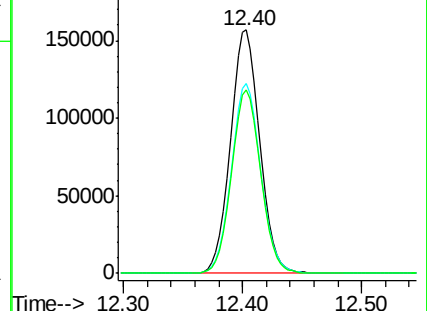
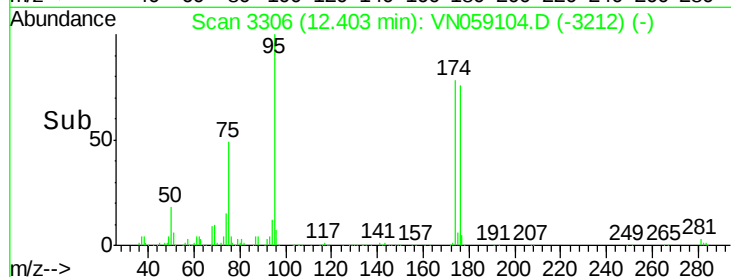


Abundance Ion 94.90 (94.60 to 95.60): VN059104.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059104.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059104.D (-3291) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

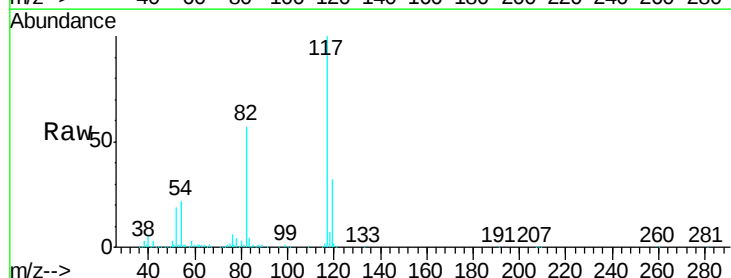
Tgt Ion: 117 Resp: 602171

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

119 32.1 25.8 38.6

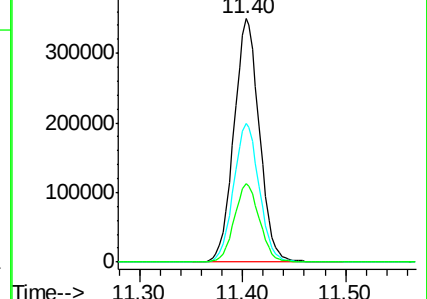
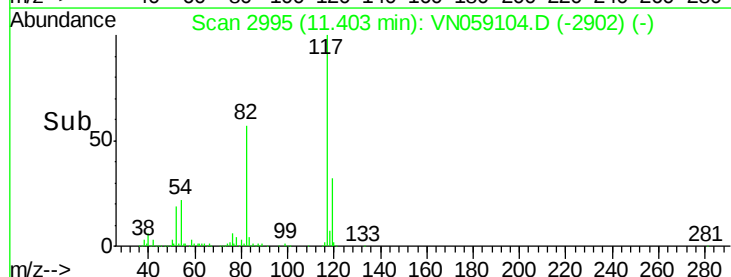


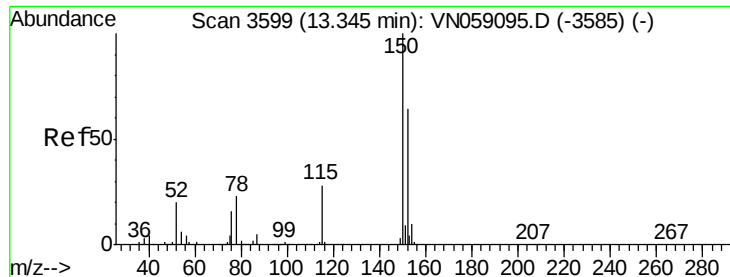
Abundance Ion 116.90 (116.60 to 117.60): VN059104.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059104.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059104.D (-2979) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

OR-02-110519

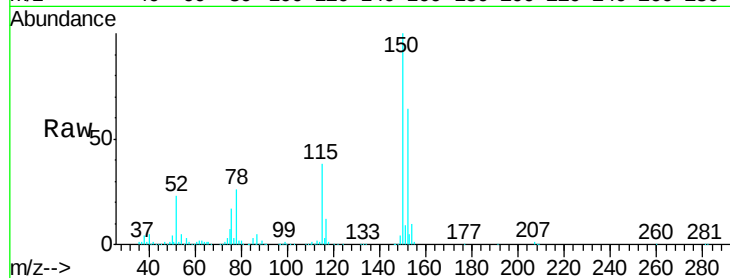
Tgt Ion:152 Resp: 215359

Ion Ratio Lower Upper

152 100

115 59.5 29.4 88.2

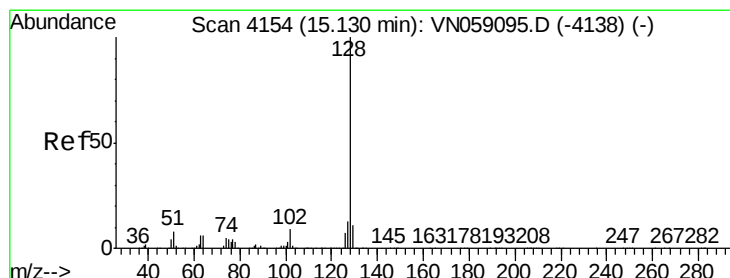
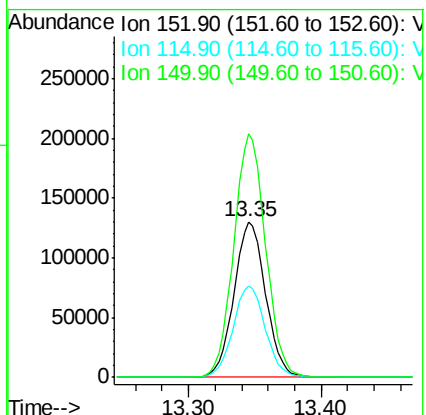
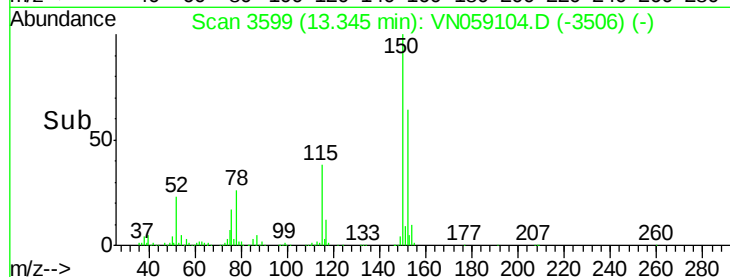
150 157.0 0.0 345.8



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: 5.424 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059104.D

Acq: 6 Nov 2019 13:56

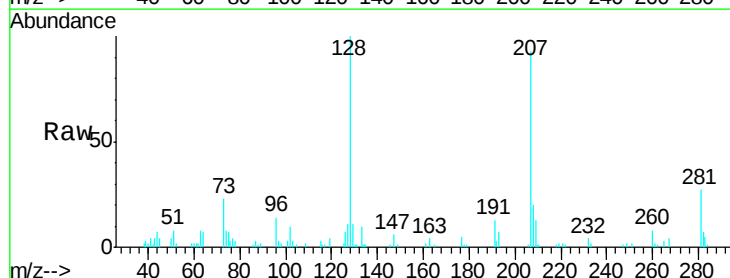
Tgt Ion:128 Resp: 28277

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.2

129 10.5 8.6 12.8



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

