

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059258.D
 Acq On : 15 Nov 2019 12:24
 Operator : JC/SP
 Sample : PB124855TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124855TB

Quant Time: Nov 16 00:44:36 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

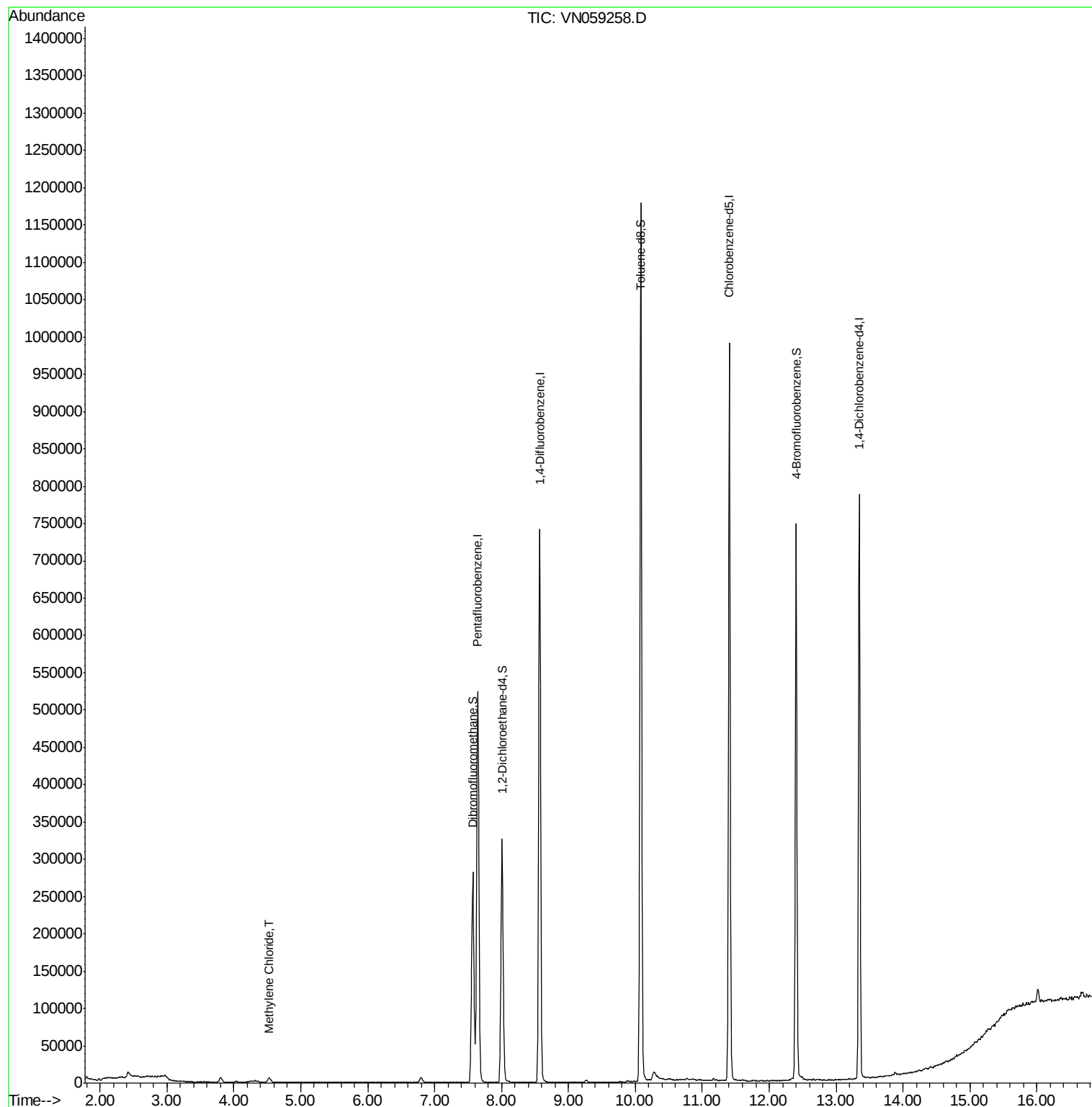
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	433024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	663632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	586522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	277744	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
35) Dibromofluoromethane	7.57	113	215695	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
50) Toluene-d8	10.08	98	839861	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.40	95	266431	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
20) Methylene Chloride	4.52	84	4959	1.028	ug/l #	96

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

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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: VN059258.D

Acq: 15 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

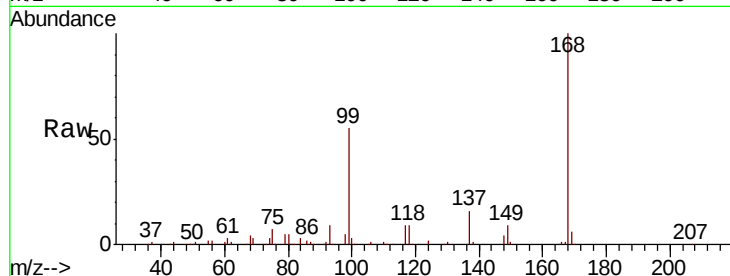
PB124855TB

Tot Ion:168 Resp: 433024

Ion Ratio Lower Upper

168 100

99 55.1 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

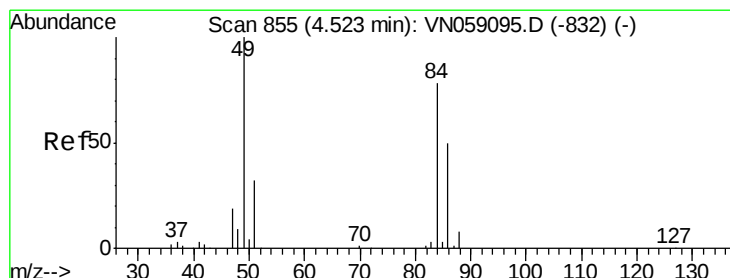
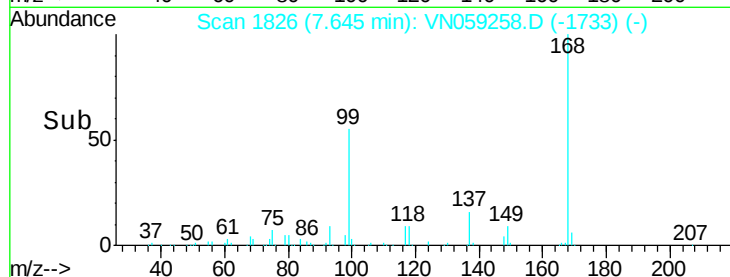
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.028 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN059258.D

Acq: 15 Nov 2019 12:24

Tgt Ion: 84 Resp: 4959

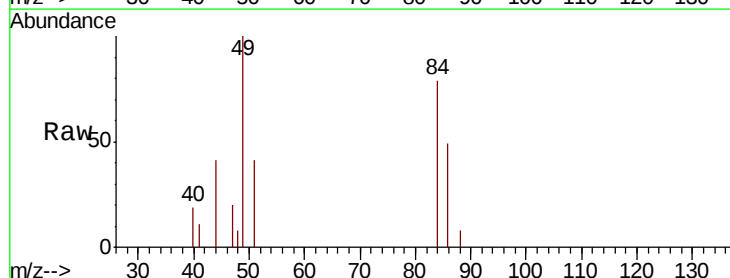
Ion Ratio Lower Upper

84 100

49 126.1 102.0 153.0

51 52.2 32.2 48.2#

86 62.1 50.7 76.1



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

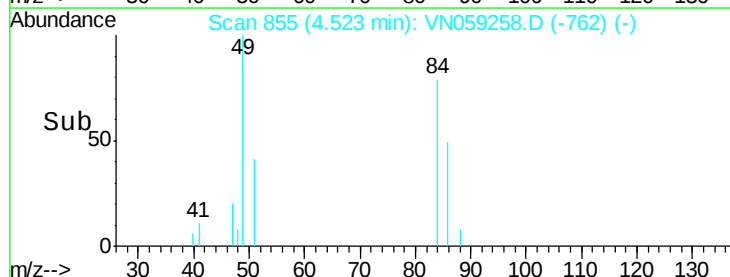
3000

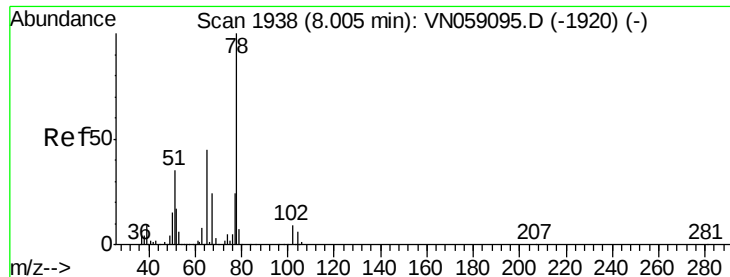
2000

1000

0

Time--> 4.45 4.50 4.55 4.60

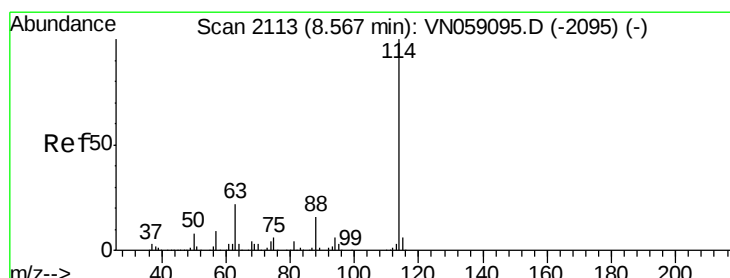
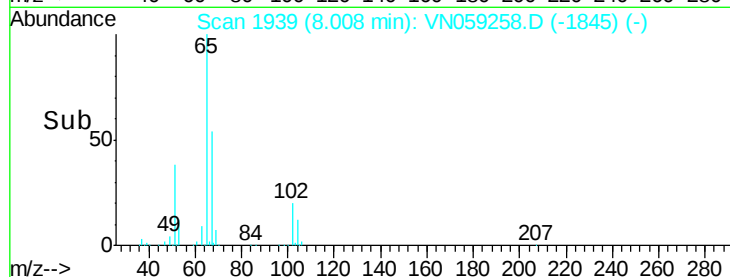
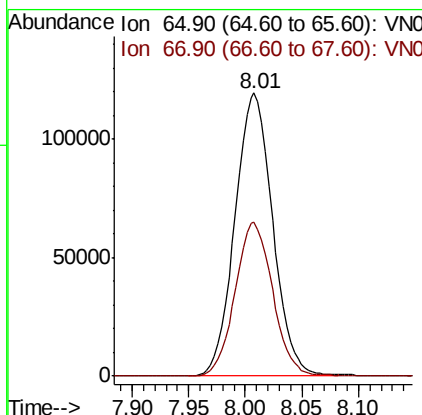
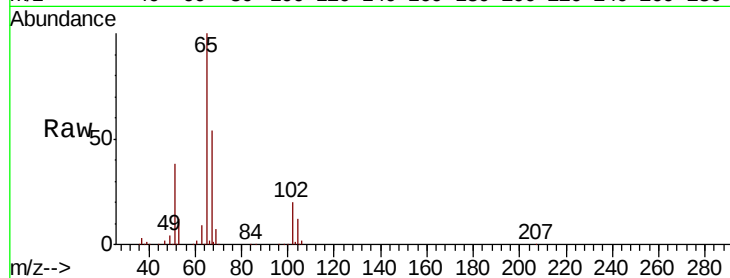




#33
 1,2-Dichloroethane-d4
 Concen: 52.178 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059258.D
 Acq: 15 Nov 2019 12:24

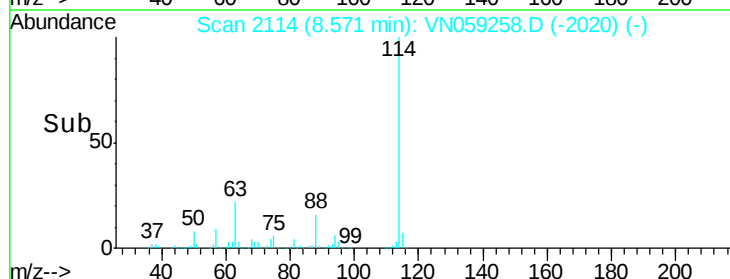
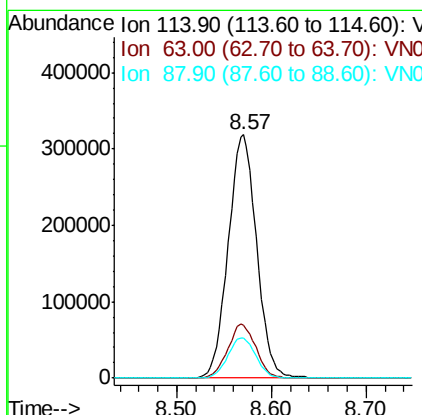
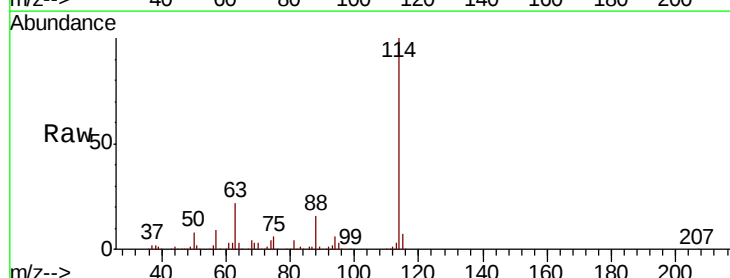
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124855TB

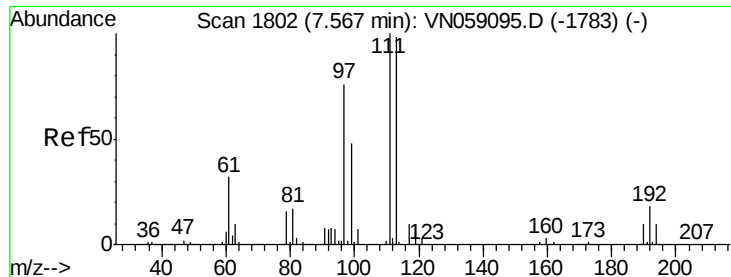
Tot Ion: 65 Resp: 277744
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059258.D
 Acq: 15 Nov 2019 12:24

Tgt Ion: 114 Resp: 663632
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.434 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059258.D

Acq: 15 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB124855TB

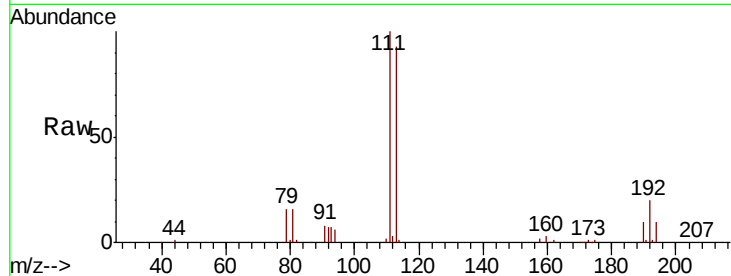
Tot Ion:113 Resp: 215695

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

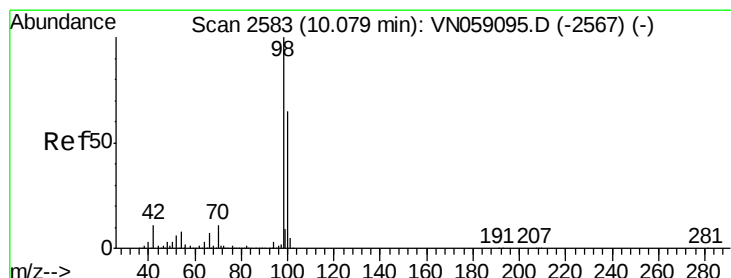
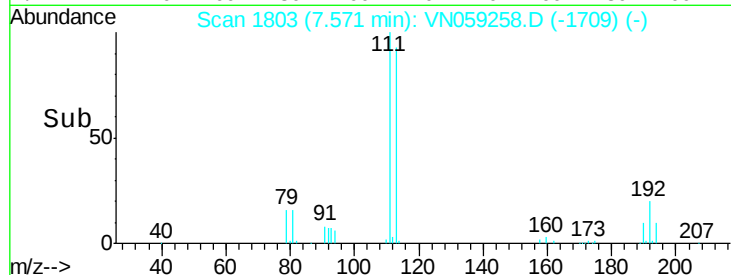
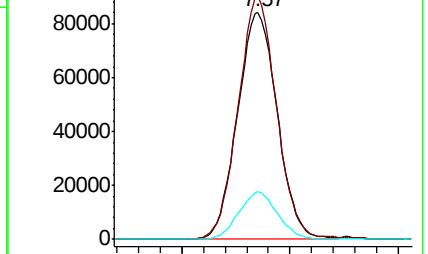
192 20.3 16.1 24.1



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



#50

Toluene-d8

Concen: 53.809 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059258.D

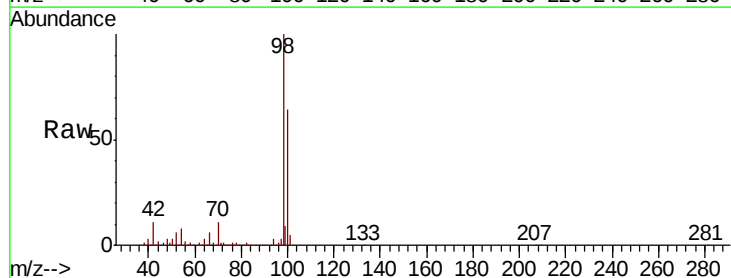
Acq: 15 Nov 2019 12:24

Tgt Ion: 98 Resp: 839861

Ion Ratio Lower Upper

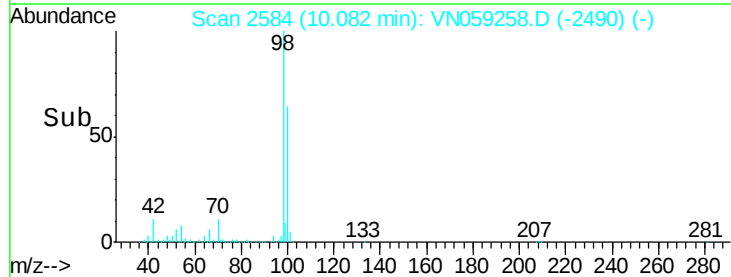
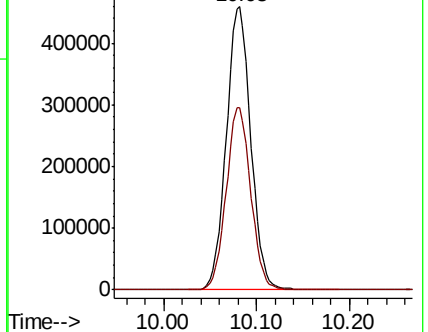
98 100

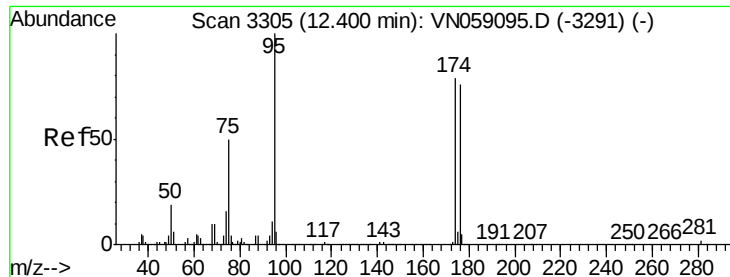
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.343 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059258.D

Acq: 15 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB124855TB

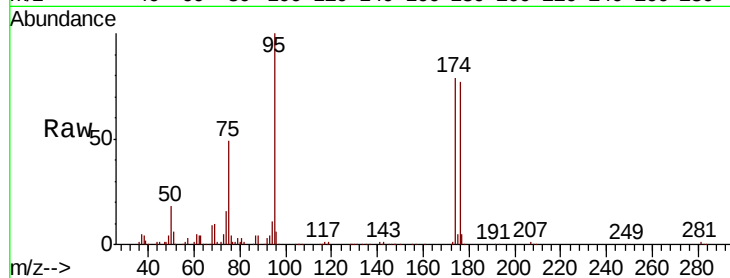
Tot Ion: 95 Resp: 266431

Ion Ratio Lower Upper

95 100

174 80.2 0.0 158.2

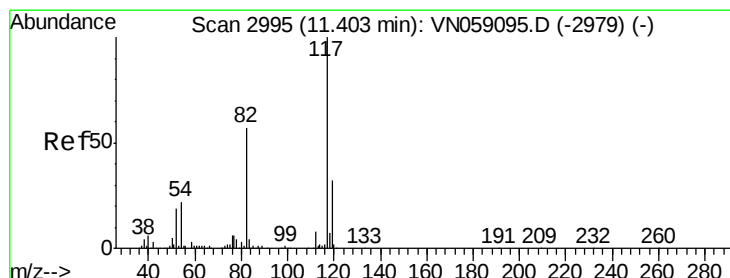
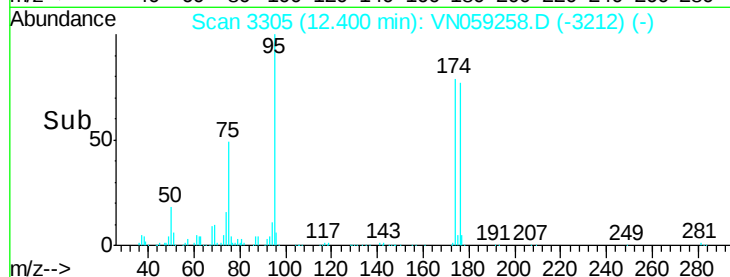
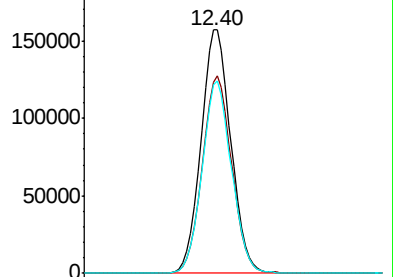
176 77.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059258.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059258.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059258.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059258.D

Acq: 15 Nov 2019 12:24

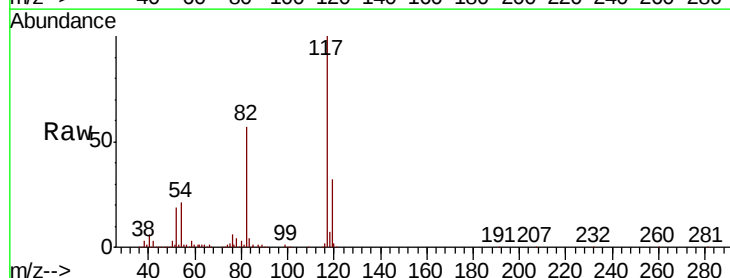
Tgt Ion: 117 Resp: 586522

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.8

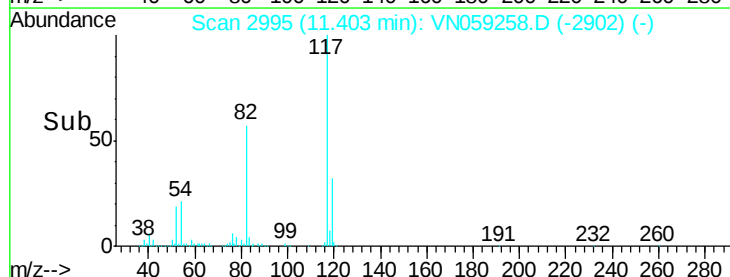
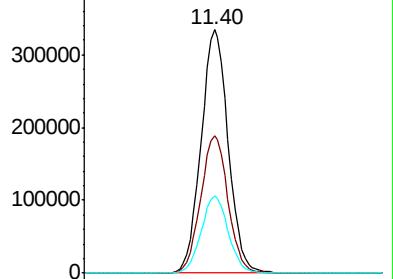
119 31.6 25.8 38.6

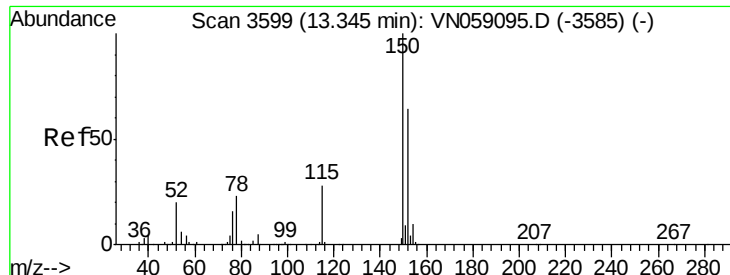


Abundance Ion 116.90 (116.60 to 117.60): VN059258.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059258.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059258.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059258.D

Acq: 15 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB124855TB

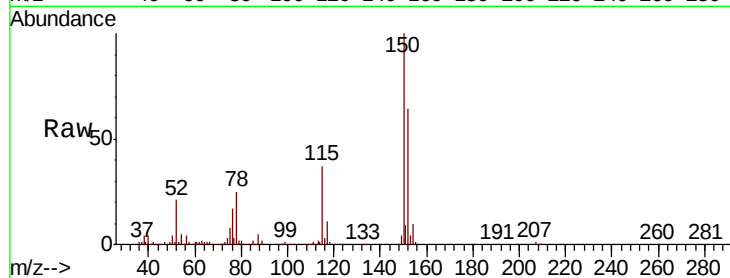
Tot Ion:152 Resp: 216181

Ion Ratio Lower Upper

152 100

115 58.4 29.4 88.2

150 156.6 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

