

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059625.D
 Acq On : 17 Dec 2019 15:30
 Operator : JC/SP
 Sample : PB125506TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125506TB

Quant Time: Dec 18 06:06:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

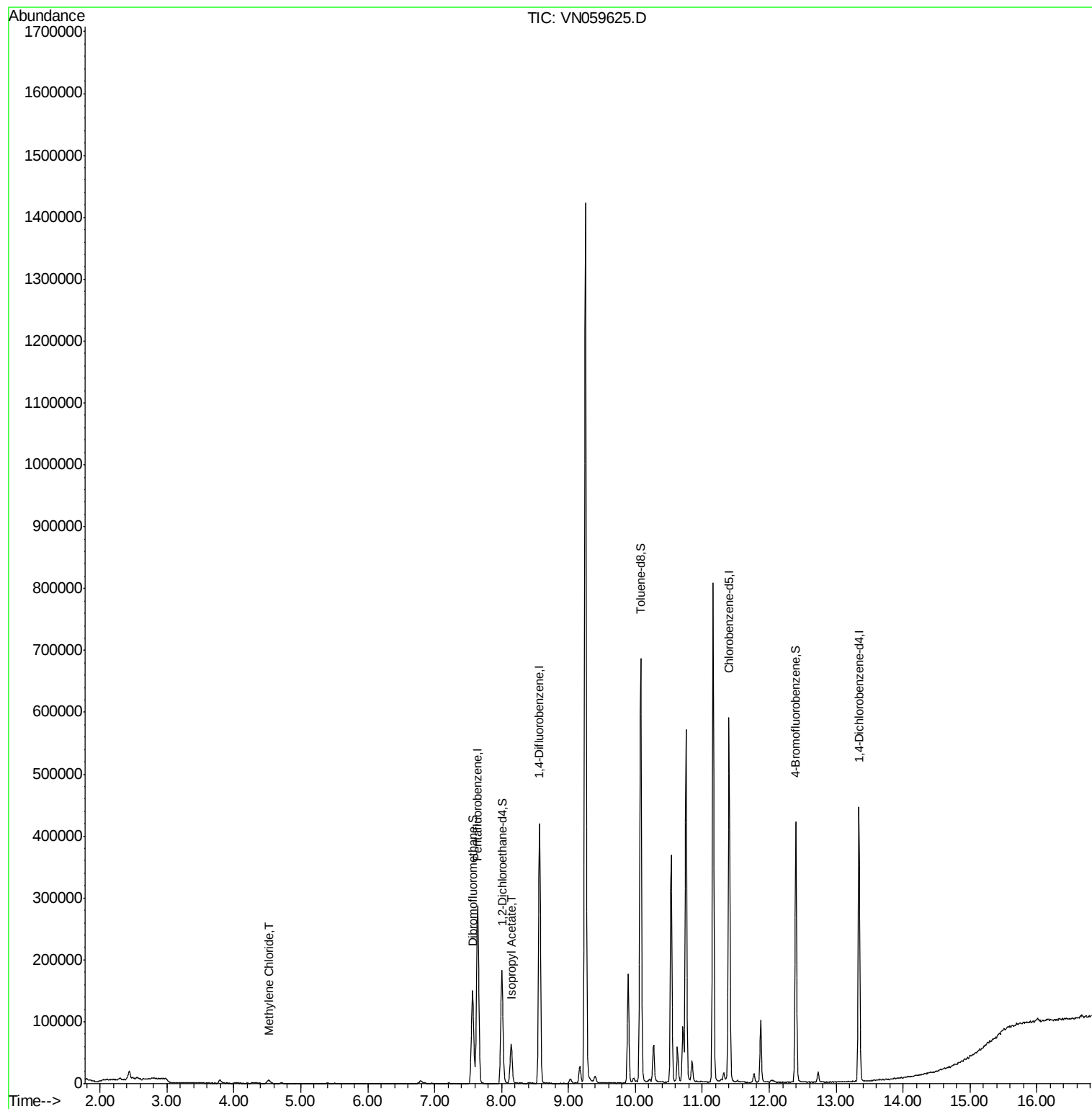
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	223604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	361658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	163392	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.57	113	113702	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.08	98	455641	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	144406	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
20) Methylene Chloride	4.52	84	4073	1.460	ug/l	85
43) Isopropyl Acetate	8.14	43	74619	10.949	ug/l #	91

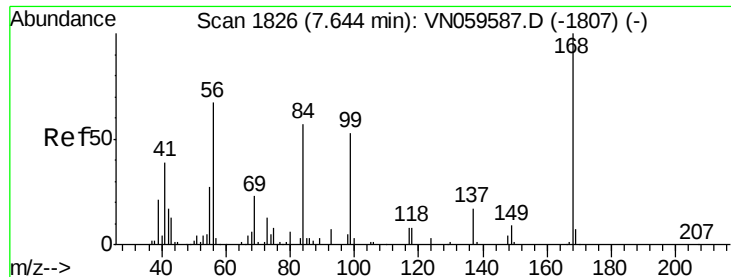
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121719\
Data File : VN059625.D
Acq On : 17 Dec 2019 15:30
Operator : JC/SP
Sample : PB125506TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB125506TB

Quant Time: Dec 18 06:06:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 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: VN059625.D

Acq: 17 Dec 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

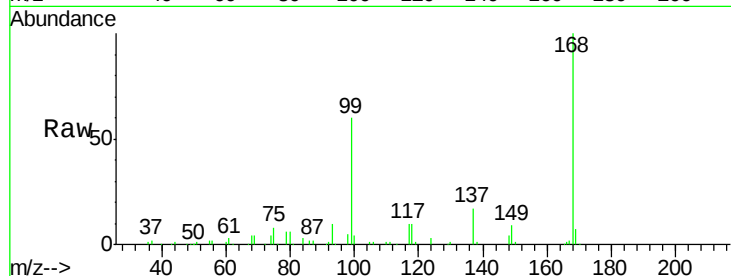
PB125506TB

Tot Ion:168 Resp: 223604

Ion Ratio Lower Upper

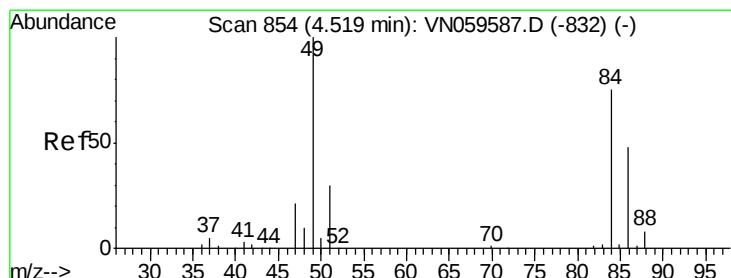
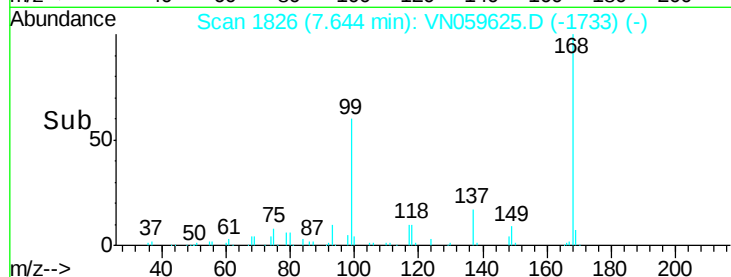
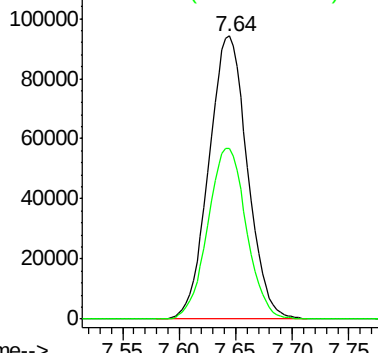
168 100

99 60.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.460 ug/l

RT: 4.52 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN059625.D

Acq: 17 Dec 2019 15:30

Tgt Ion: 84 Resp: 4073

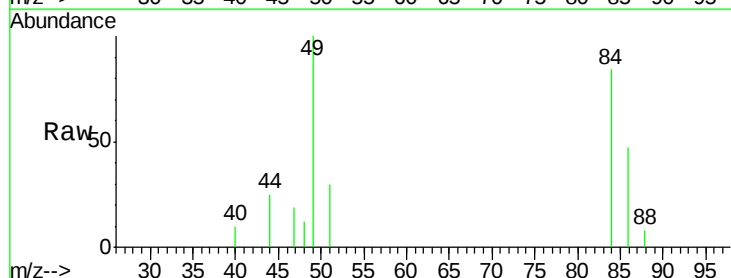
Ion Ratio Lower Upper

84 100

49 109.1 106.6 160.0

51 35.6 31.9 47.9

86 56.4 50.8 76.2

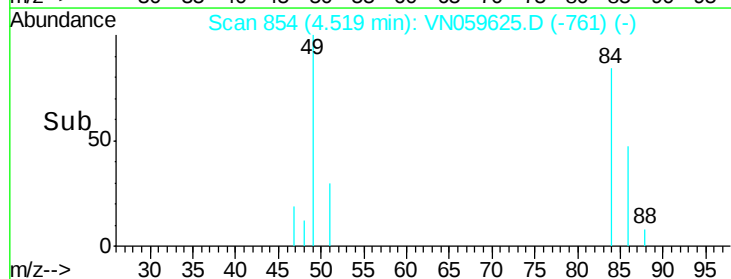
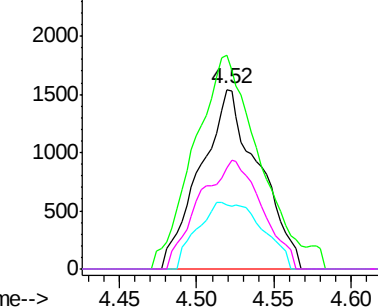


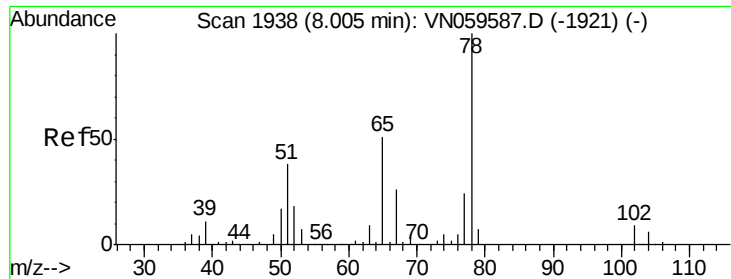
Abundance Ion 83.90 (83.60 to 84.60): VNO

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





#33

1,2-Dichloroethane-d4

Concen: 50.216 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059625.D

Acq: 17 Dec 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

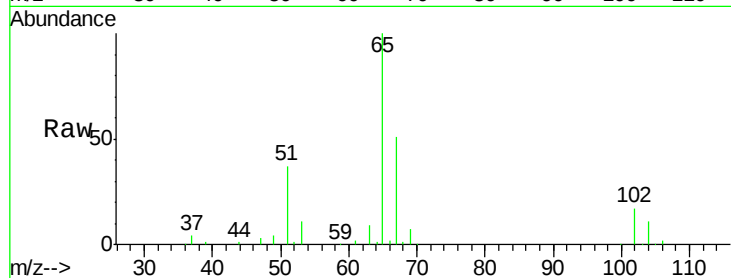
PB125506TB

Tot Ion: 65 Resp: 163392

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059587.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN059587.D (-1921) (-)

8.00

60000

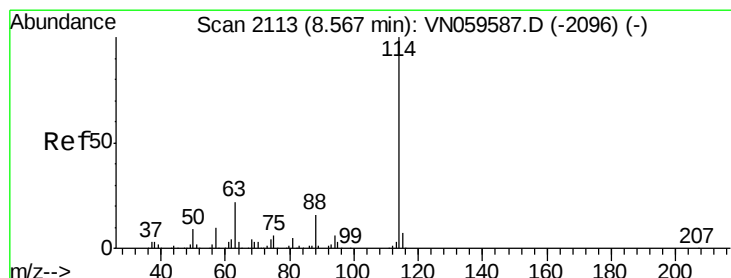
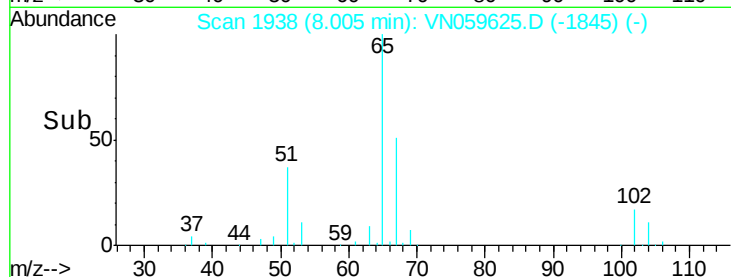
40000

20000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059625.D

Acq: 17 Dec 2019 15:30

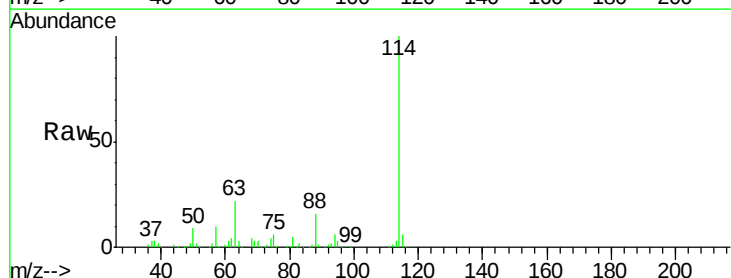
Tgt Ion: 114 Resp: 361658

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.6

88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN059587.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN059587.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN059587.D (-2096) (-)

8.57

200000

150000

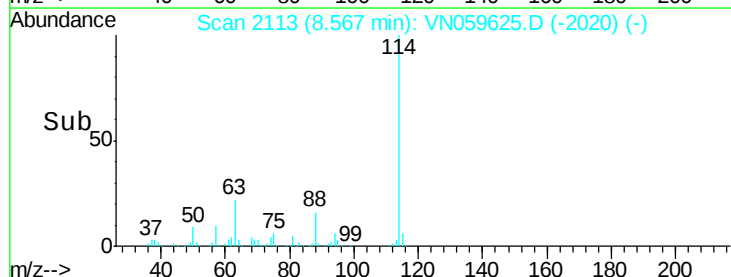
100000

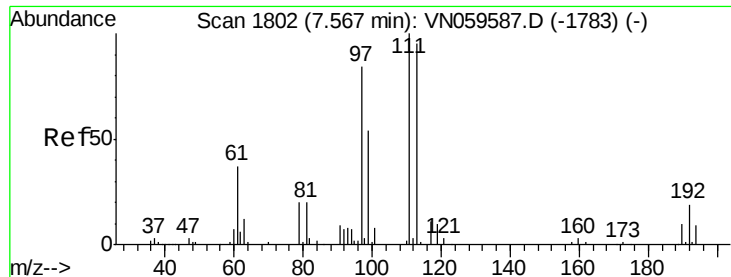
50000

0

Time-->

8.50 8.60 8.70

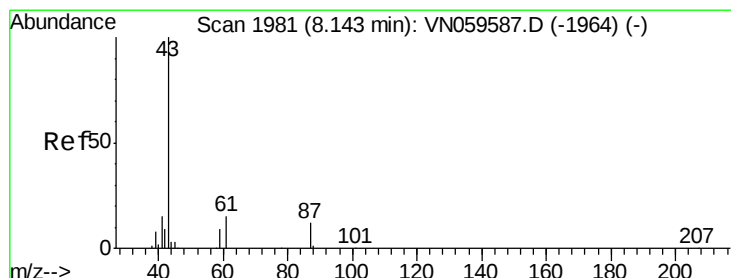
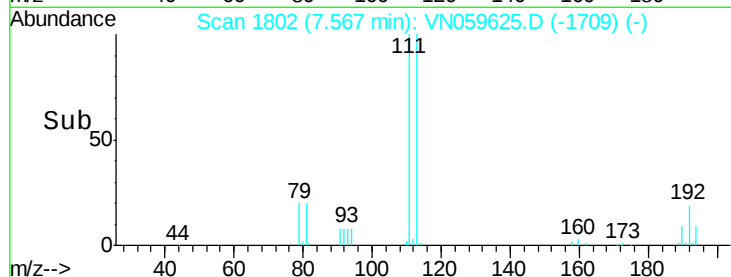
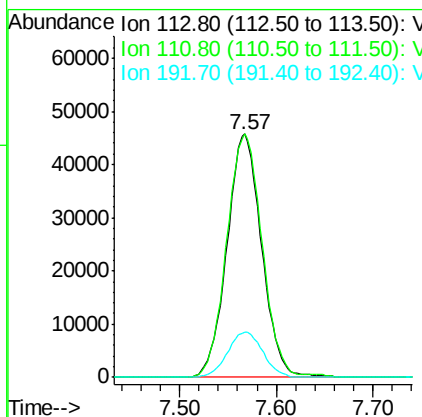
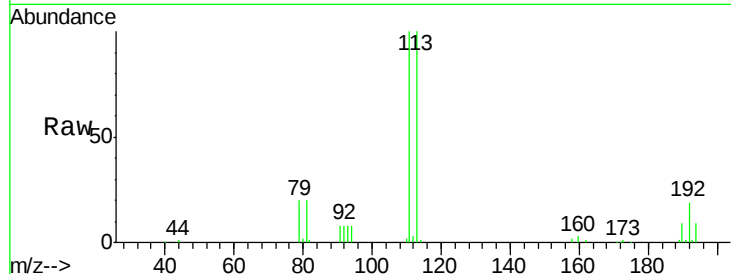




#35
Dibromofluoromethane
Concen: 50.247 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059625.D
Acq: 17 Dec 2019 15:30

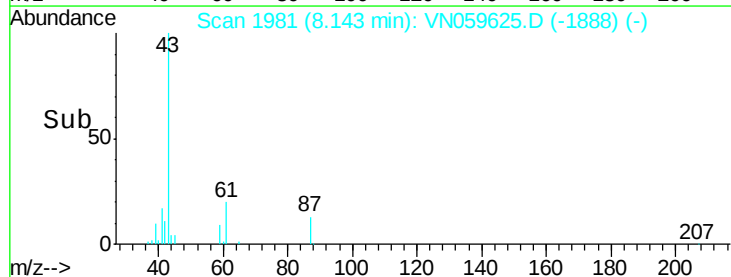
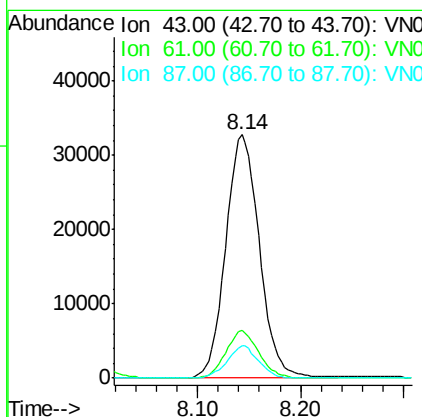
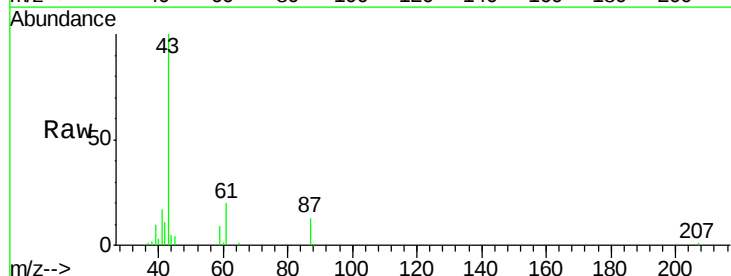
Instrument :
MSVOA_N
ClientSampleId :
PB125506TB

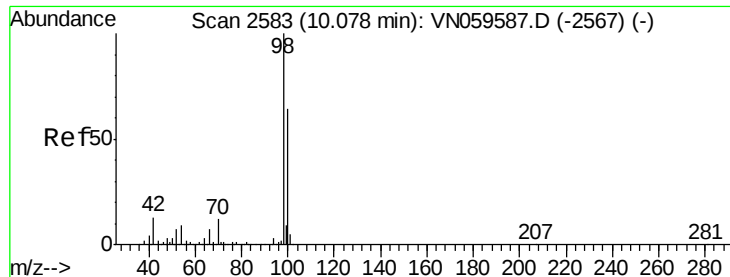
Tot Ion:113 Resp: 113702
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 18.8 15.4 23.2



#43
Isopropyl Acetate
Concen: 10.949 ug/l
RT: 8.14 min Scan# 181
Delta R.T. 0.00 min
Lab File: VN059625.D
Acq: 17 Dec 2019 15:30

Tgt Ion: 43 Resp: 74619
Ion Ratio Lower Upper
43 100
61 18.9 20.2 30.2#
87 12.2 9.5 14.3





#50

Toluene-d8

Concen: 50.859 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059625.D

Acq: 17 Dec 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

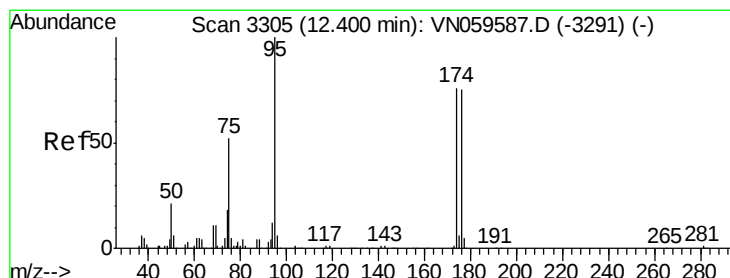
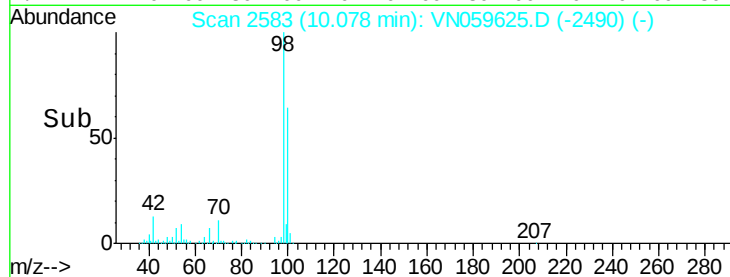
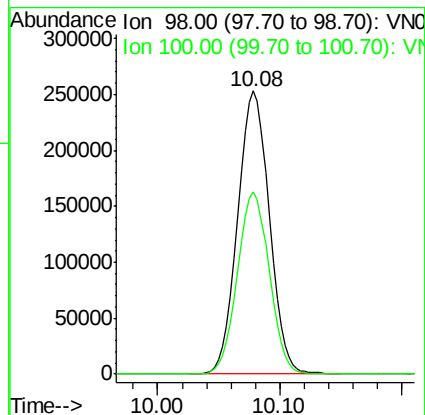
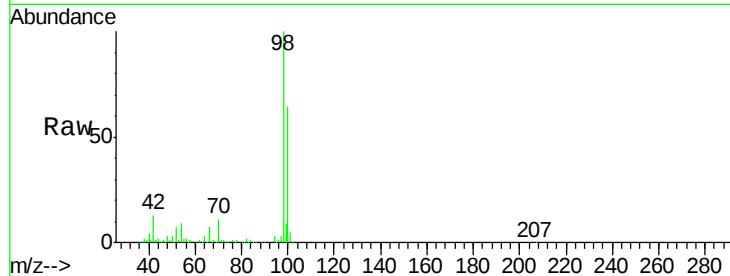
PB125506TB

Tot Ion: 98 Resp: 455641

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.174 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059625.D

Acq: 17 Dec 2019 15:30

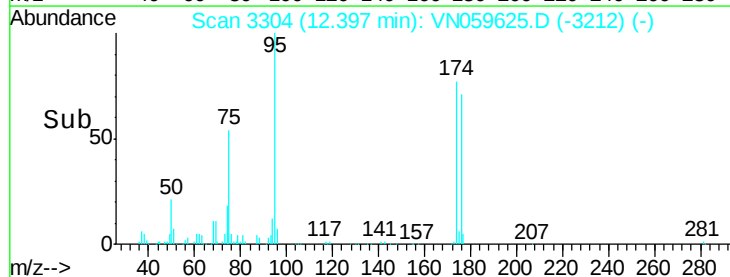
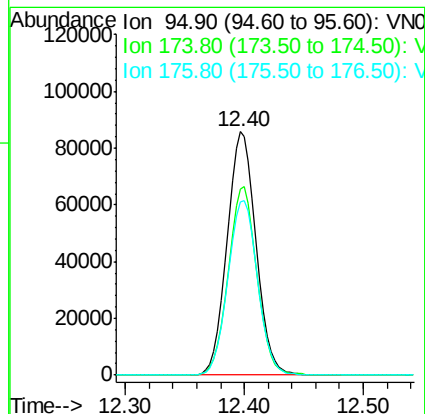
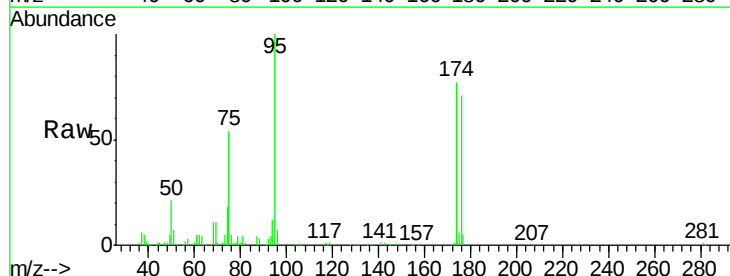
Tgt Ion: 95 Resp: 144406

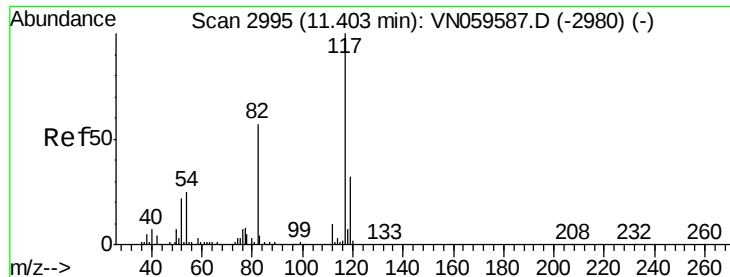
Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.4

176 73.4 0.0 146.0

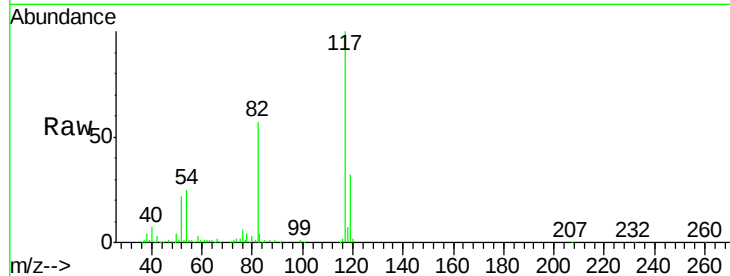




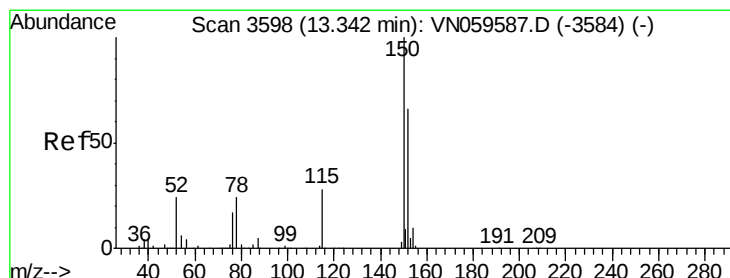
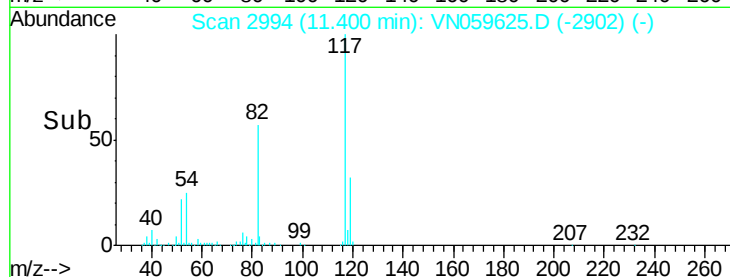
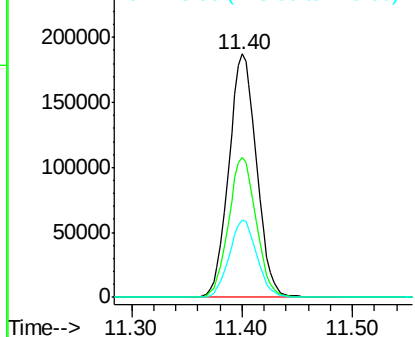
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059625.D
Acq: 17 Dec 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
PB125506TB

Tot Ion:117 Resp: 325836
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.7 25.5 38.3

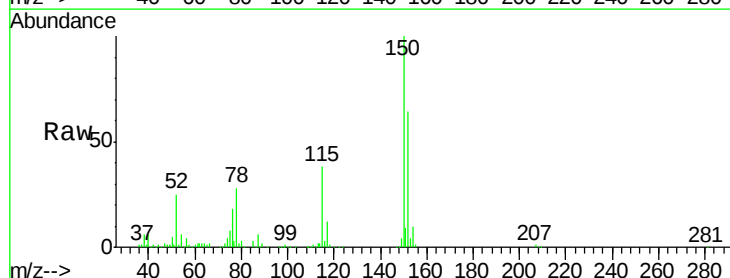


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059625.D
Acq: 17 Dec 2019 15:30

Tgt Ion:152 Resp: 115588
Ion Ratio Lower Upper
152 100
115 61.2 30.3 90.9
150 158.8 0.0 345.2



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

