

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059626.D
 Acq On : 17 Dec 2019 15:52
 Operator : JC/SP
 Sample : K6294-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Dec 18 06:08:44 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

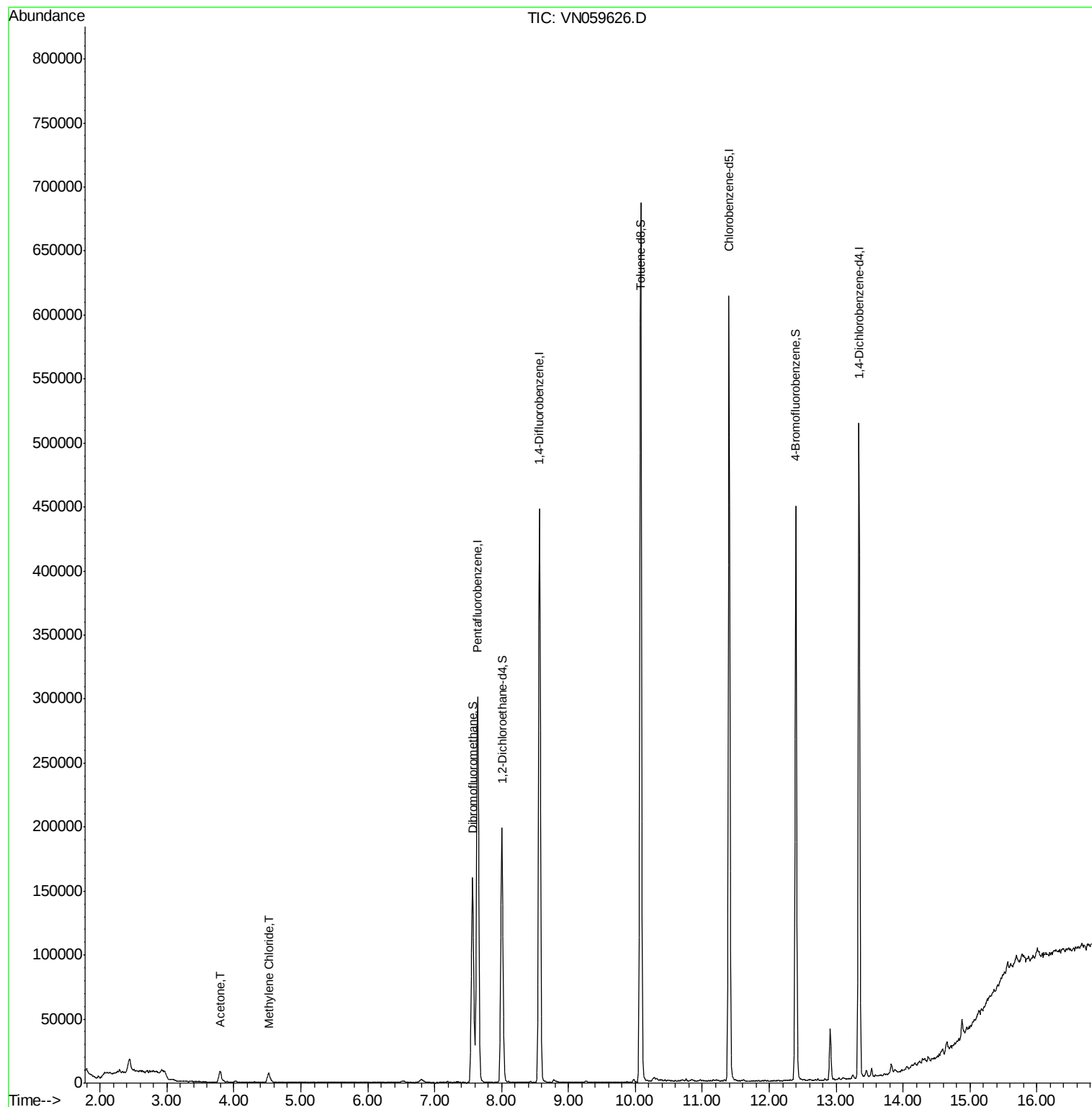
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	238091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	380218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	334542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	173579	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	7.57	113	119939	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.08	98	469448	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	149236	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
Target Compounds						
16) Acetone	3.80	43	15046	7.315	ug/l	94
20) Methylene Chloride	4.52	84	5782	1.946	ug/l	96

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

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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# 1825

Delta R.T. -0.00 min

Lab File: VN059626.D

Acq: 17 Dec 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

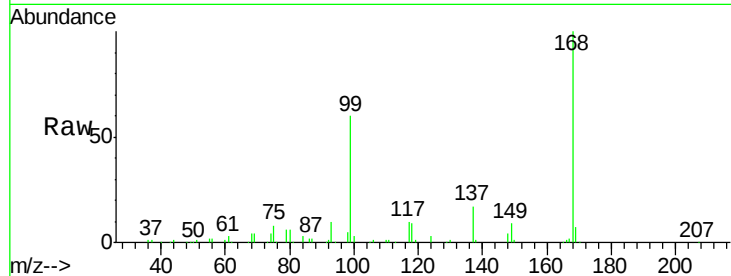
TP-1

Tot Ion:168 Resp: 238091

Ion Ratio Lower Upper

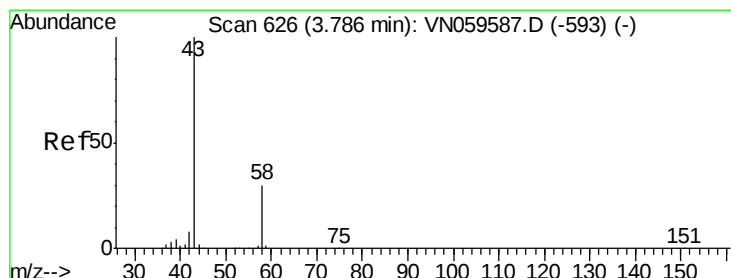
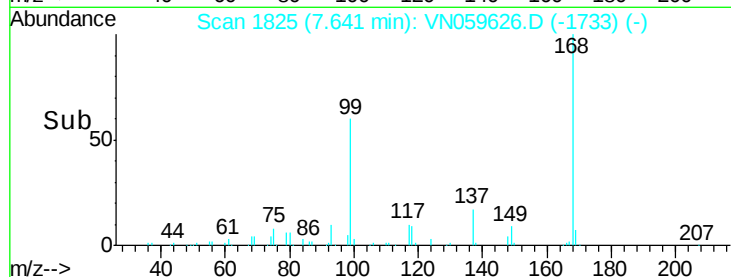
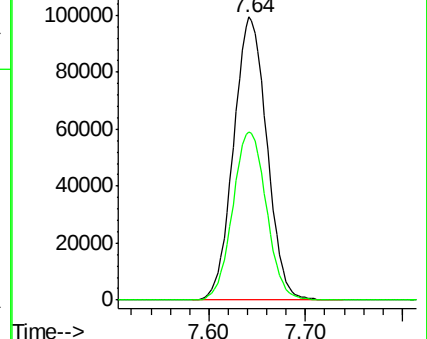
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.315 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059626.D

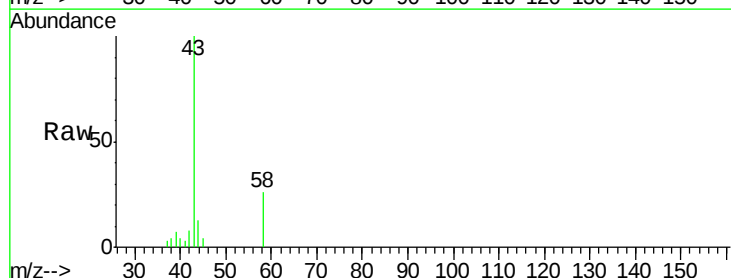
Acq: 17 Dec 2019 15:52

Tgt Ion: 43 Resp: 15046

Ion Ratio Lower Upper

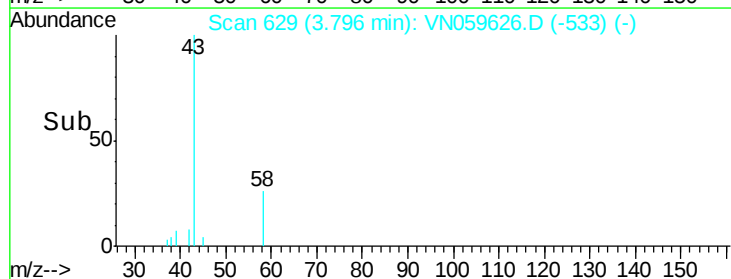
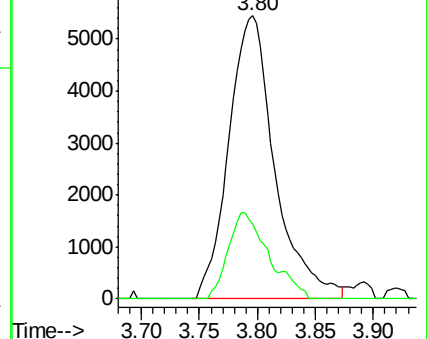
43 100

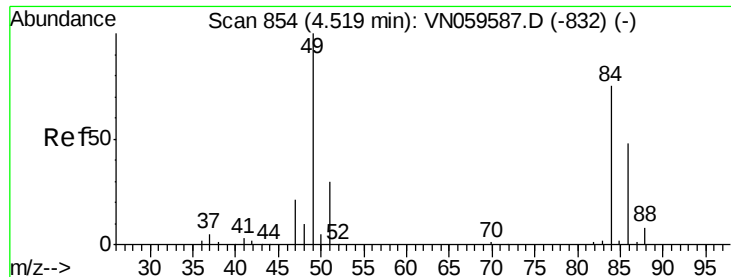
58 26.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

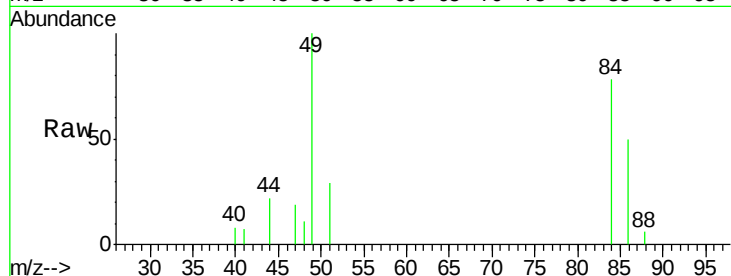




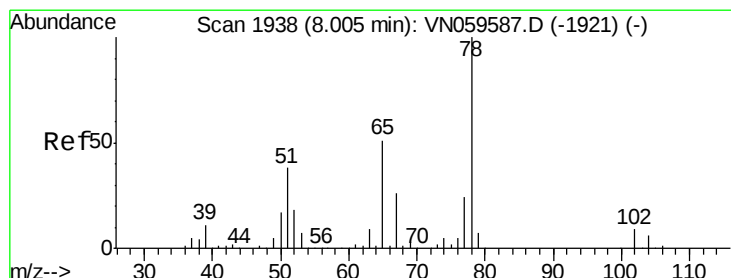
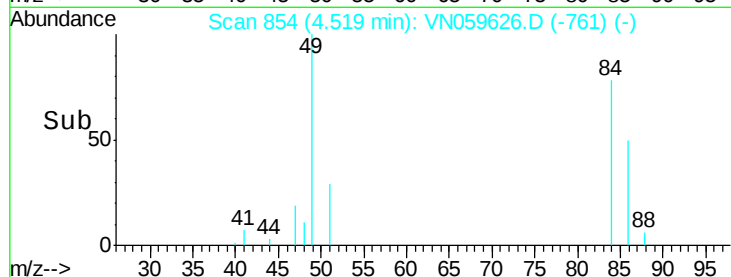
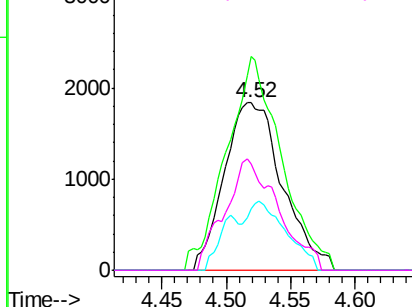
#20
Methylene Chloride
Concen: 1.946 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059626.D
Acq: 17 Dec 2019 15:52

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion: 84 Resp: 5782
Ion Ratio Lower Upper
84 100
49 127.6 106.6 160.0
51 36.8 31.9 47.9
86 63.2 50.8 76.2

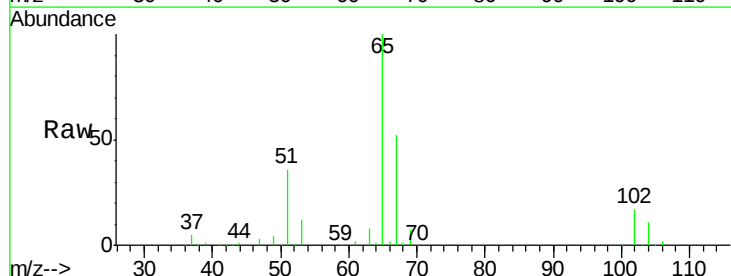


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

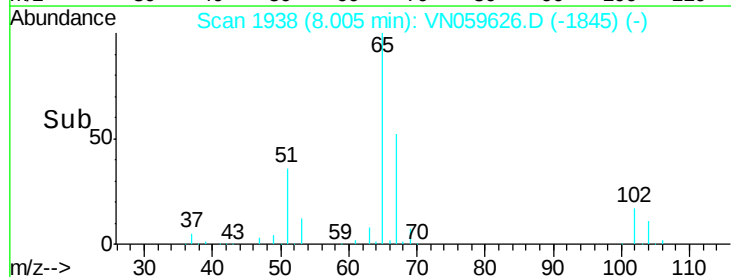
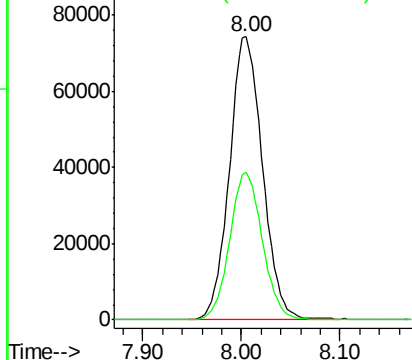


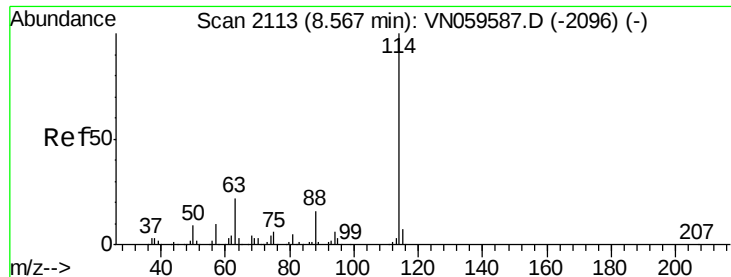
#33
1,2-Dichloroethane-d4
Concen: 50.101 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059626.D
Acq: 17 Dec 2019 15:52

Tgt Ion: 65 Resp: 173579
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059626.D

Acq: 17 Dec 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

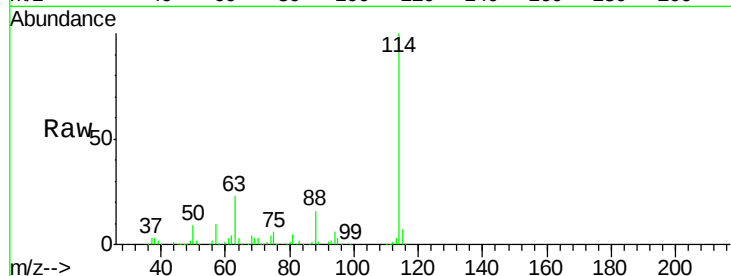
Tot Ion:114 Resp: 380218

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.6

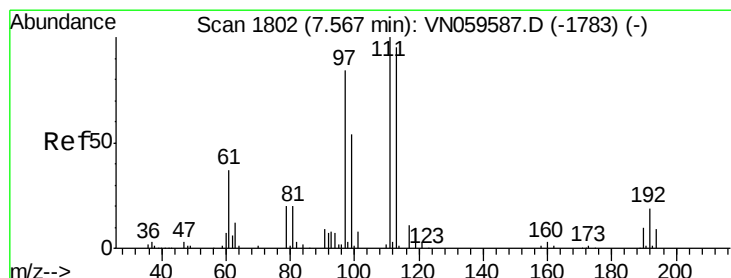
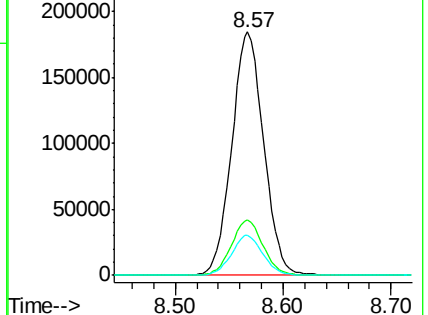
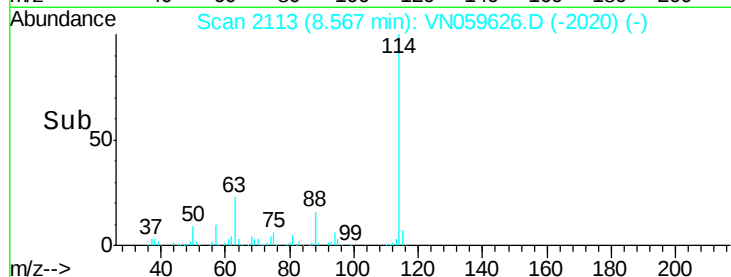
88 16.3 0.0 31.4



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: 50.416 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059626.D

Acq: 17 Dec 2019 15:52

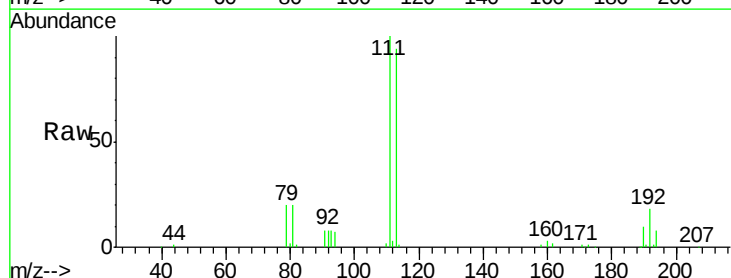
Tgt Ion:113 Resp: 119939

Ion Ratio Lower Upper

113 100

111 104.6 83.5 125.3

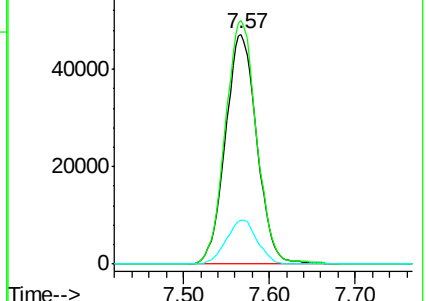
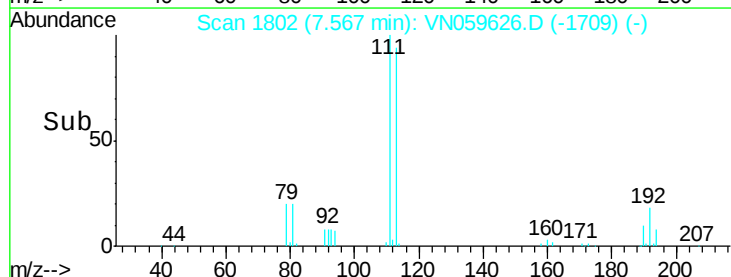
192 18.8 15.4 23.2

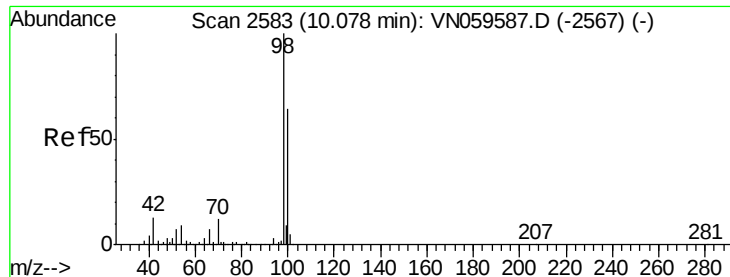


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.842 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059626.D

Acq: 17 Dec 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

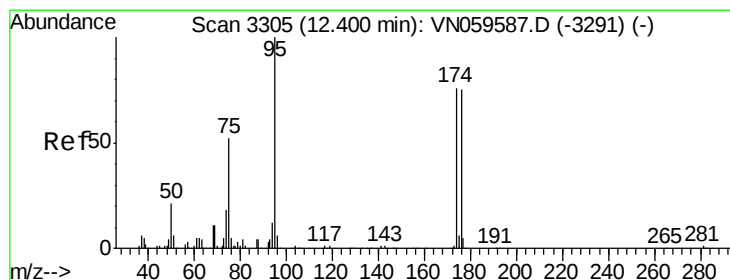
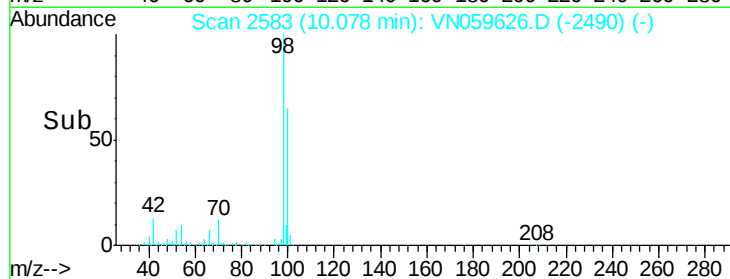
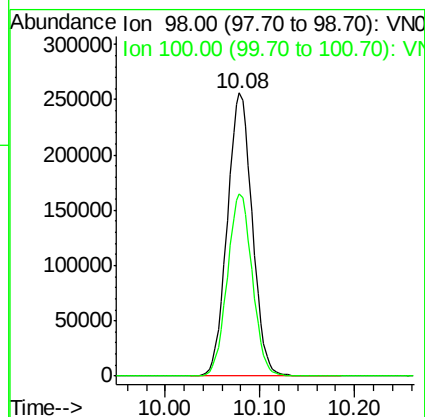
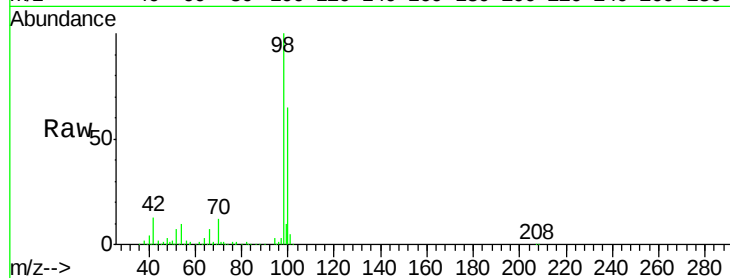
TP-1

Tot Ion: 98 Resp: 469448

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.423 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059626.D

Acq: 17 Dec 2019 15:52

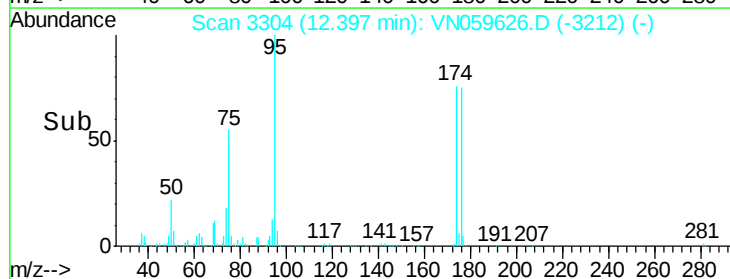
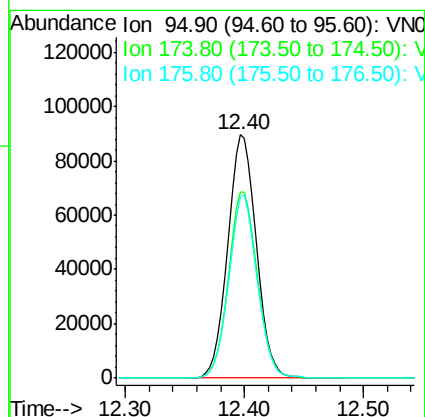
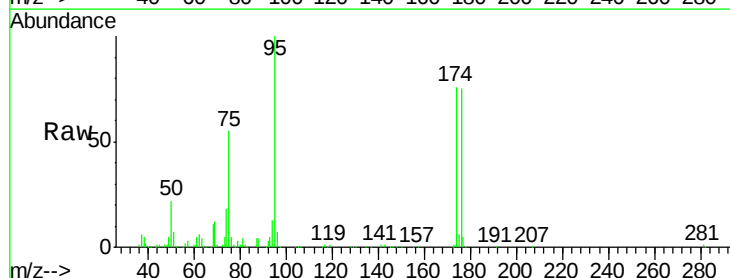
Tgt Ion: 95 Resp: 149236

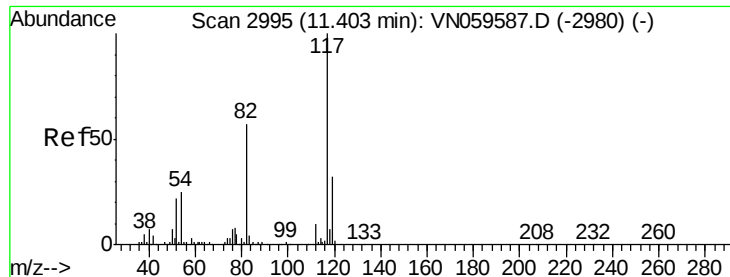
Ion Ratio Lower Upper

95 100

174 77.6 0.0 151.4

176 74.5 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: VN059626.D

Acq: 17 Dec 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

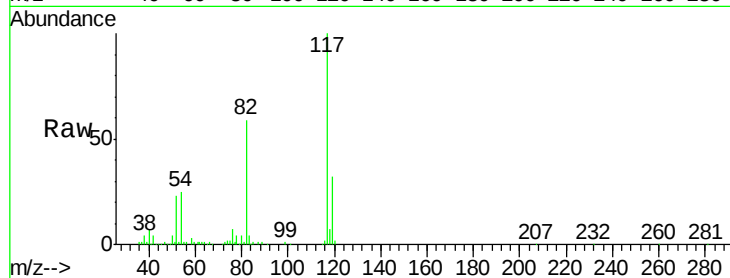
Tot Ion:117 Resp: 334542

Ion Ratio Lower Upper

117 100

82 59.4 45.9 68.9

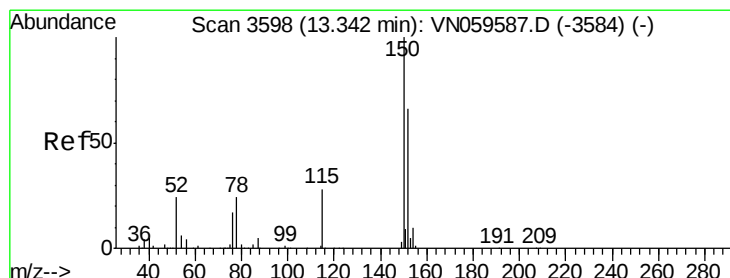
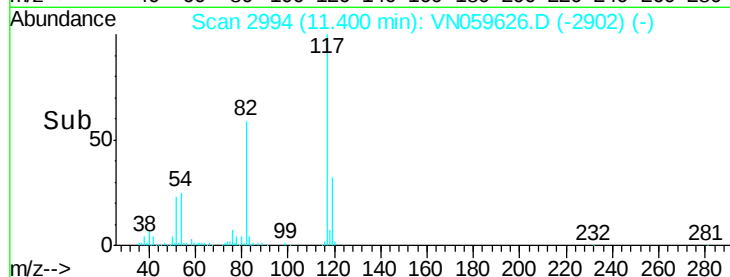
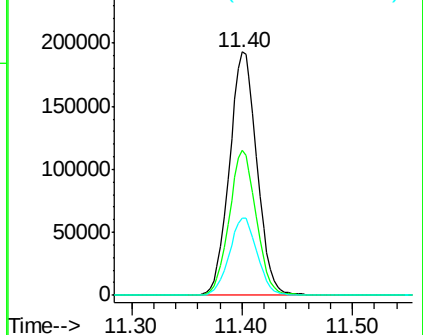
119 31.8 25.5 38.3



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: VN059626.D

Acq: 17 Dec 2019 15:52

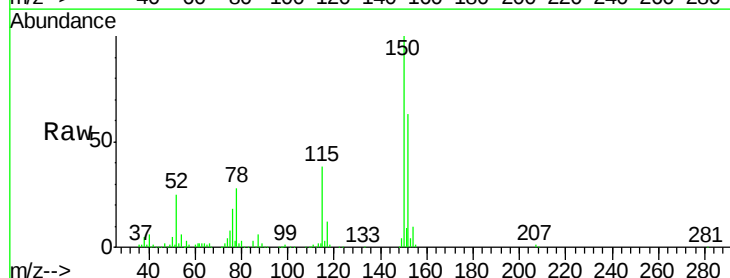
Tgt Ion:152 Resp: 131821

Ion Ratio Lower Upper

152 100

115 60.8 30.3 90.9

150 158.7 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

