

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059773.D
 Acq On : 17 Jan 2020 20:03
 Operator : JC/MD
 Sample : L1184-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 F1-F2

Quant Time: Jan 18 02:01:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

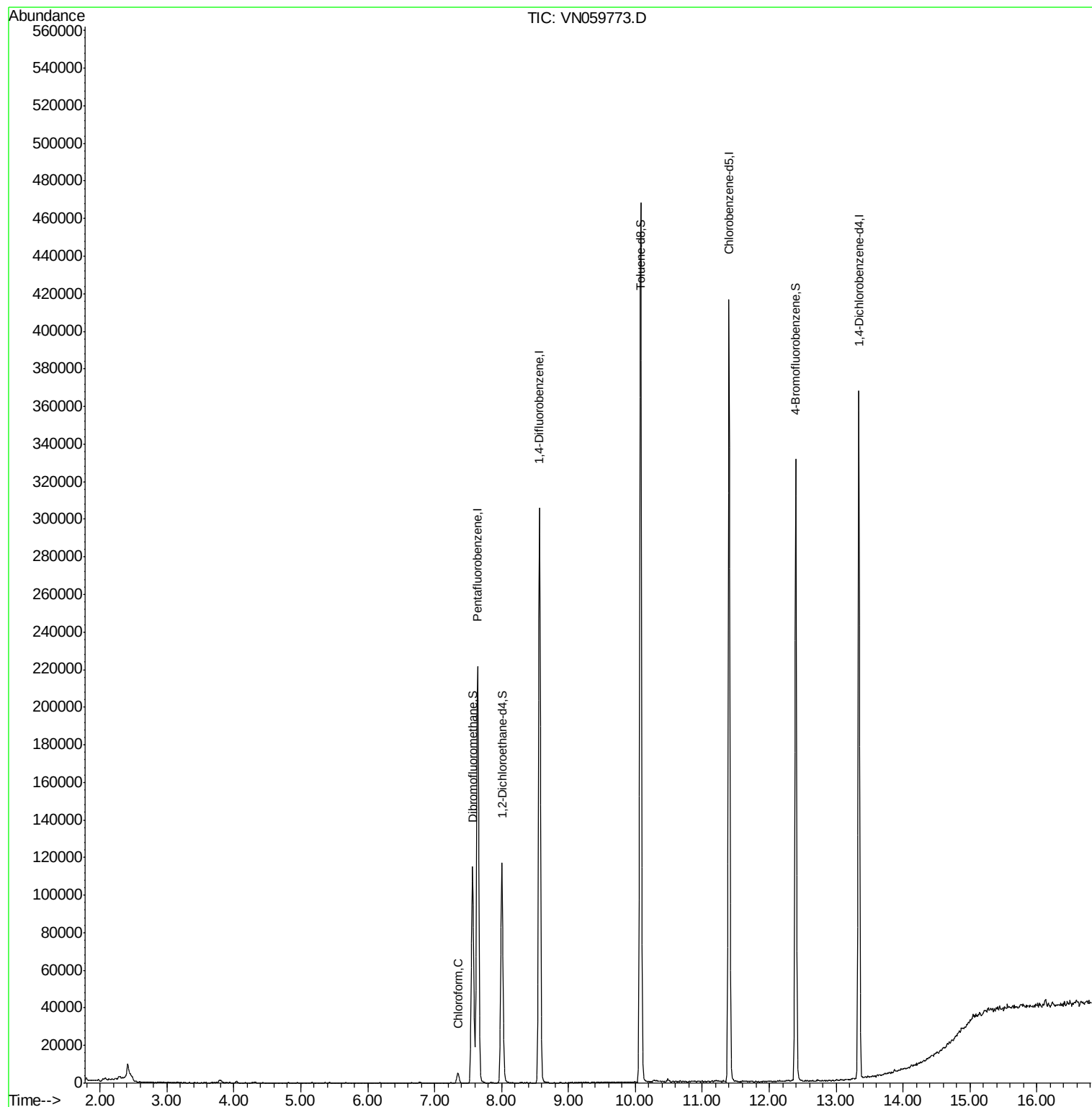
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	249315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100367	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	7.57	113	87364	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.08	98	334489	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	110391	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
Target Compounds						
30) Chloroform	7.35	83	5899	1.732	ug/l	Qvalue 100

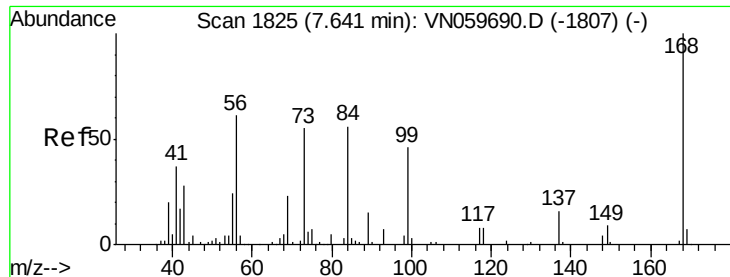
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 14 08:58:21 2020
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: VN059773.D

Acq: 17 Jan 2020 20:03

Instrument :

MSVOA_N

ClientSampled :

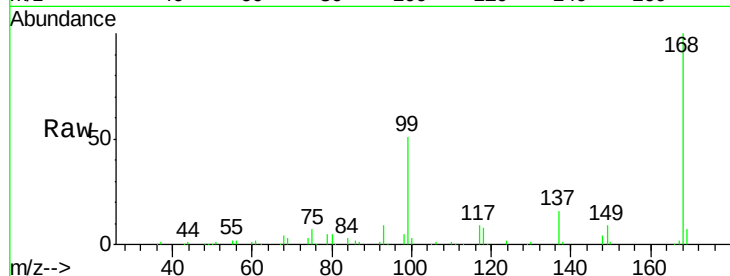
F1-F2

Tot Ion:168 Resp: 192481

Ion Ratio Lower Upper

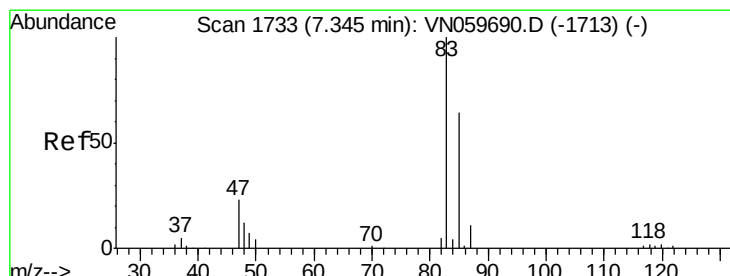
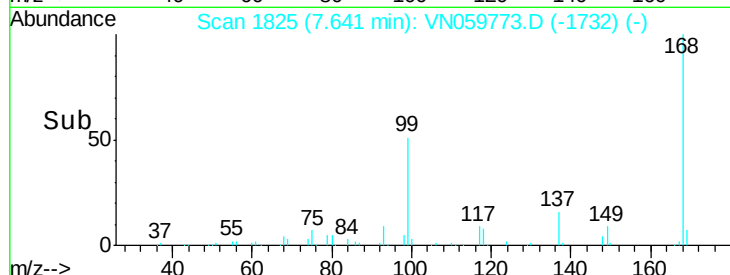
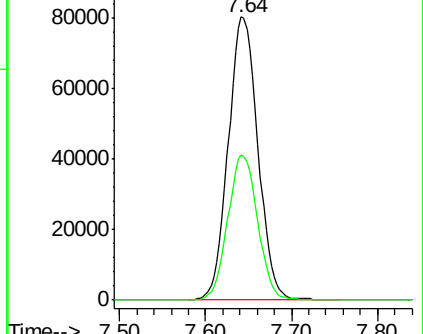
168 100

99 51.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#30

Chloroform

Concen: 1.732 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN059773.D

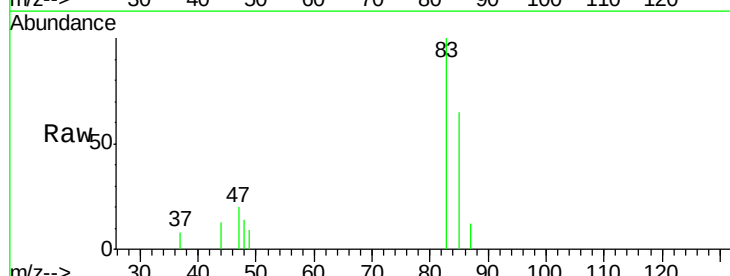
Acq: 17 Jan 2020 20:03

Tgt Ion: 83 Resp: 5899

Ion Ratio Lower Upper

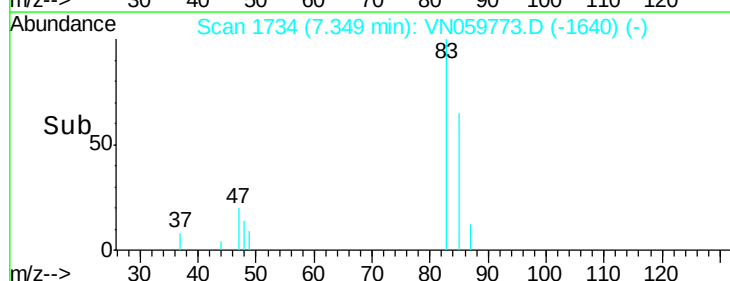
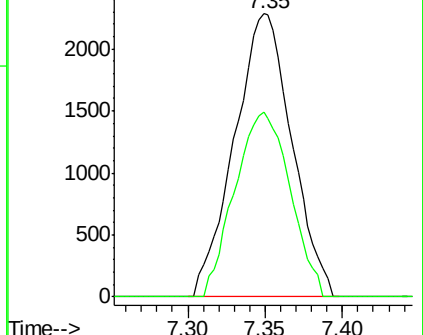
83 100

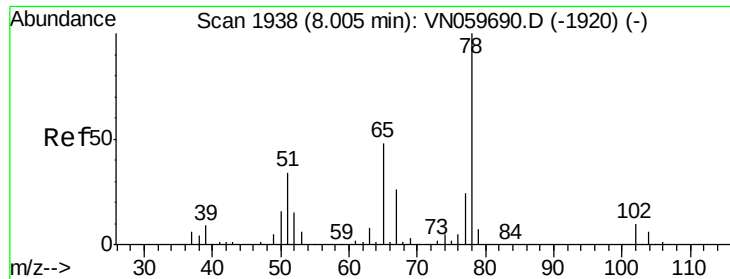
85 65.2 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VN

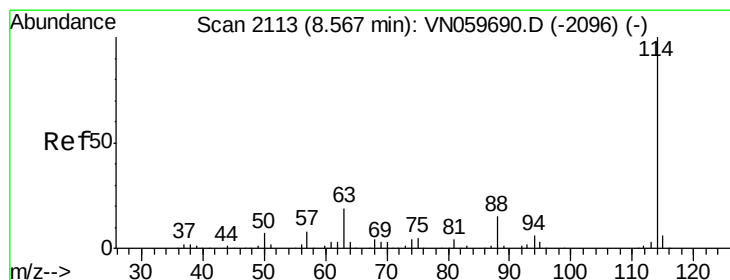
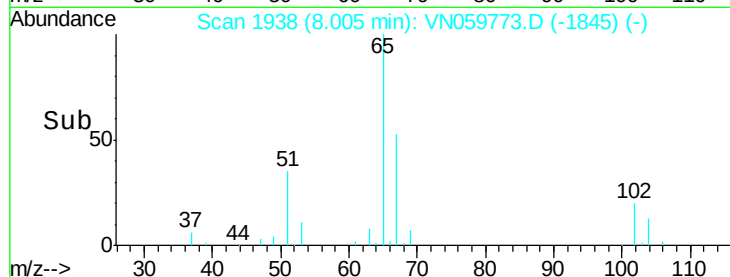
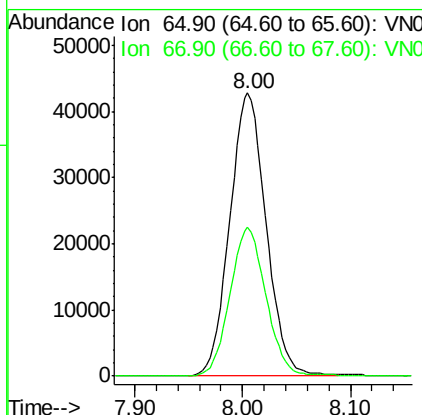
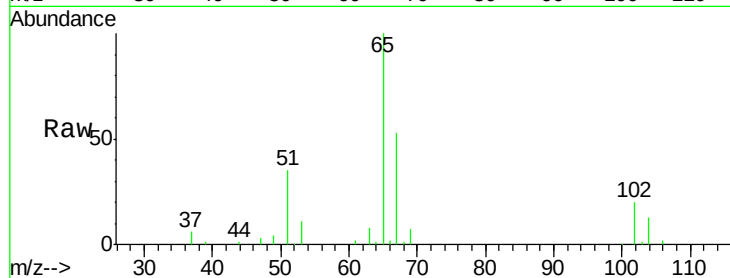




#33
 1,2-Dichloroethane-d4
 Concen: 46.954 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059773.D
 Acq: 17 Jan 2020 20:03

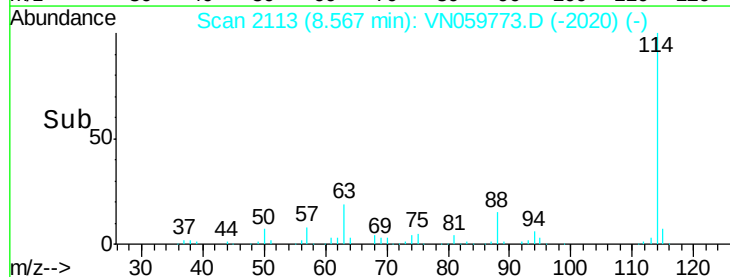
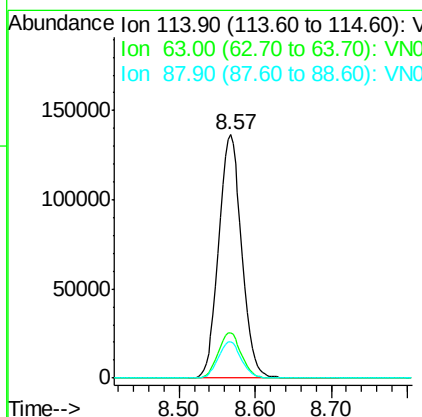
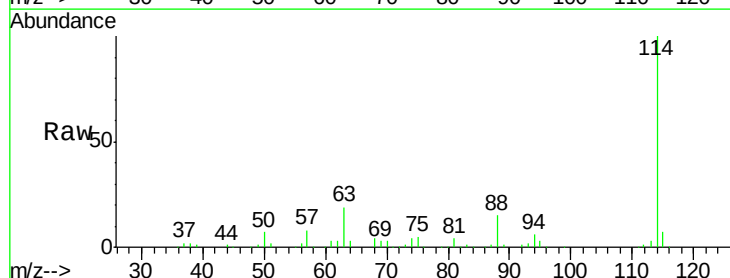
Instrument :
 MSVOA_N
 ClientSampleId :
 F1-F2

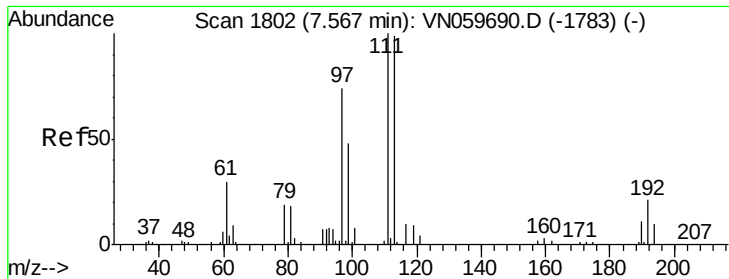
Tot Ion: 65 Resp: 100367
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059773.D
 Acq: 17 Jan 2020 20:03

Tgt Ion: 114 Resp: 286718
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.6
 88 15.1 0.0 31.4

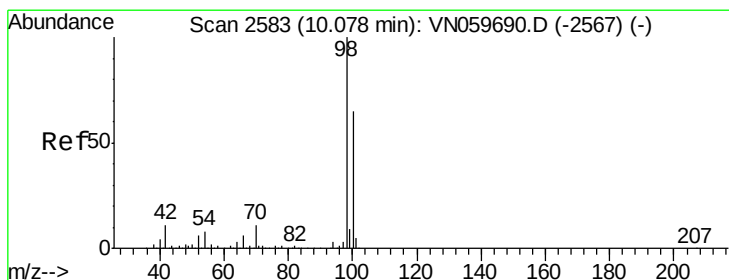
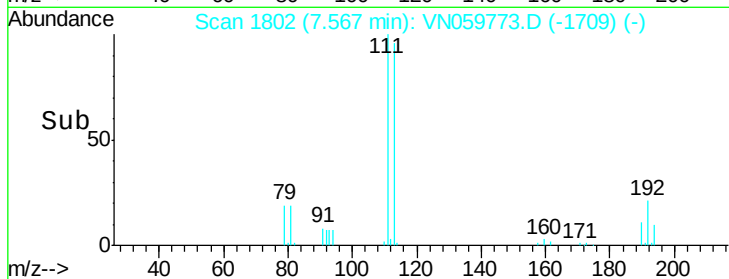
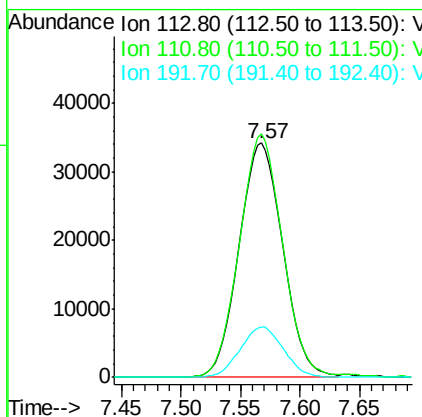
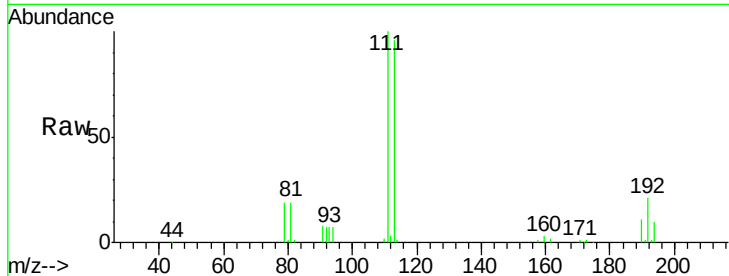




#35
 Dibromofluoromethane
 Concen: 51.095 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059773.D
 Acq: 17 Jan 2020 20:03

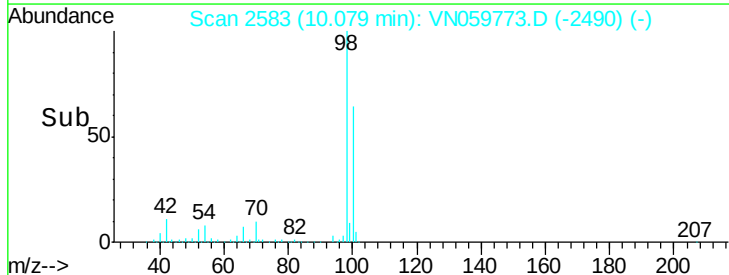
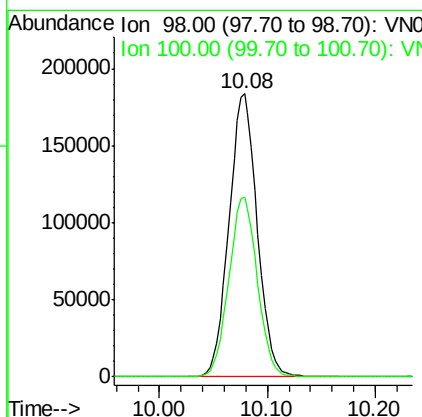
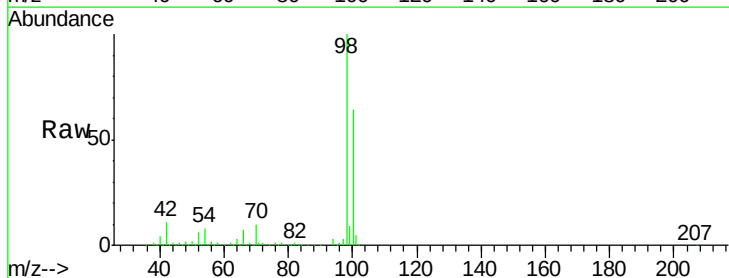
Instrument :
 MSVOA_N
 ClientSampleId :
 F1-F2

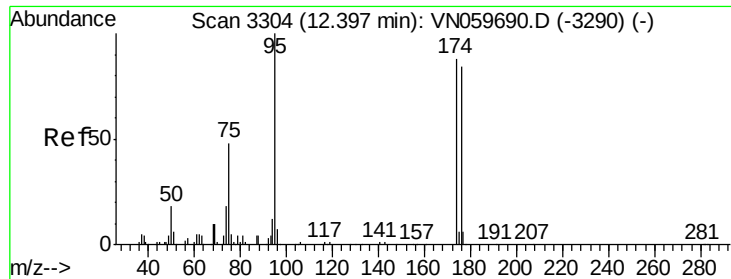
Tot Ion:113 Resp: 87364
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.5 125.3
 192 21.2 15.4 23.2



#50
 Toluene-d8
 Concen: 50.491 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059773.D
 Acq: 17 Jan 2020 20:03

Tgt Ion: 98 Resp: 334489
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8

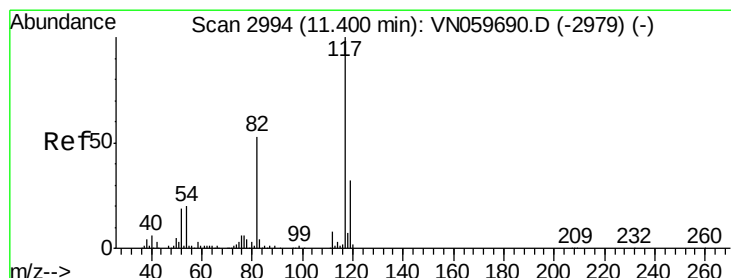
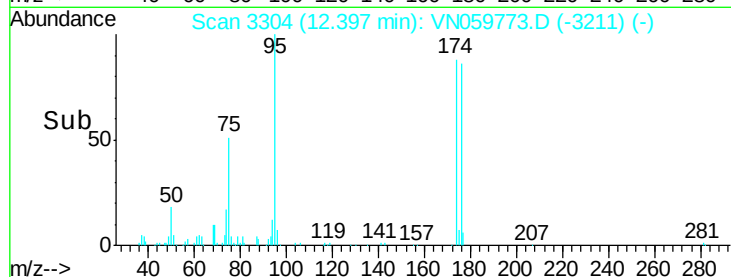
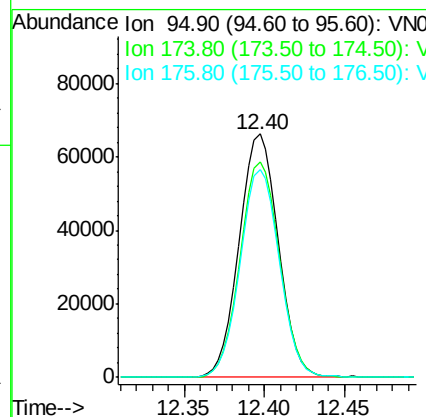
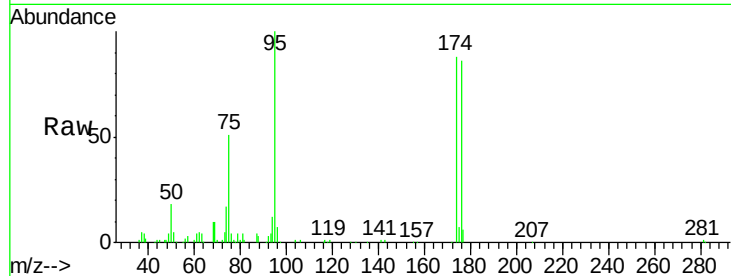




#62
4-Bromofluorobenzene
Concen: 46.223 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059773.D
Acq: 17 Jan 2020 20:03

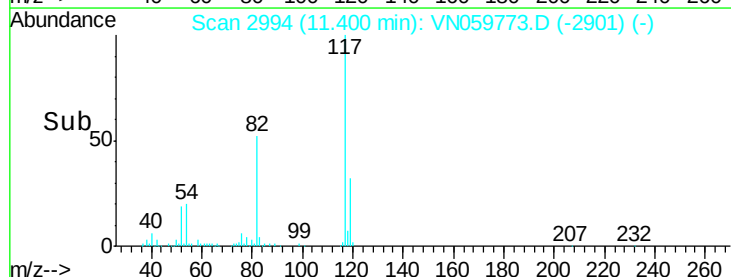
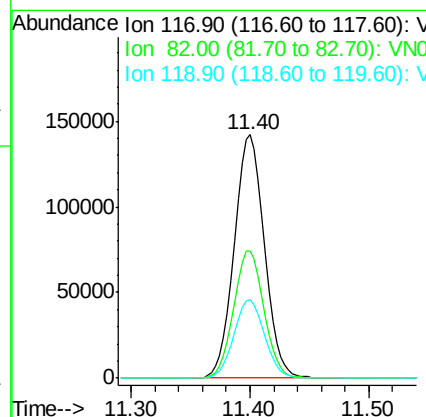
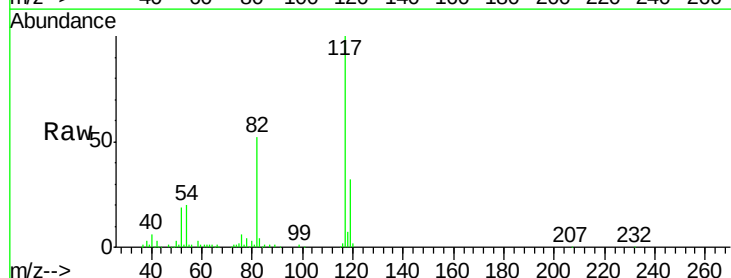
Instrument :
MSVOA_N
ClientSampleId :
F1-F2

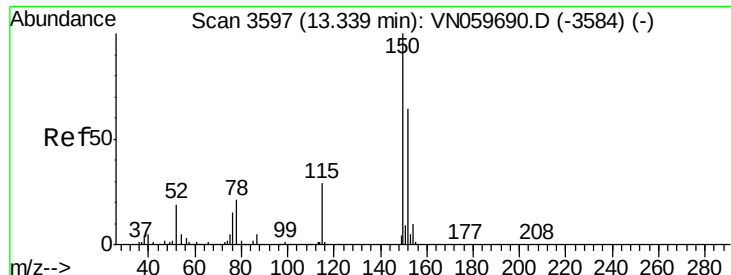
Tot Ion: 95 Resp: 110391
Ion Ratio Lower Upper
95 100
174 89.2 0.0 151.4
176 85.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059773.D
Acq: 17 Jan 2020 20:03

Tgt Ion: 117 Resp: 249315
Ion Ratio Lower Upper
117 100
82 52.3 45.9 68.9
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059773.D

Acq: 17 Jan 2020 20:03

Instrument :

MSVOA_N

ClientSampleId :

F1-F2

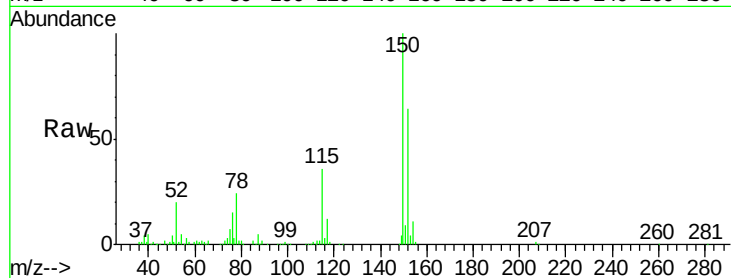
Tot Ion:152 Resp: 102296

Ion Ratio Lower Upper

152 100

115 57.2 30.3 90.9

150 156.4 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

