

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059766.D
 Acq On : 17 Jan 2020 17:19
 Operator : JC/MD
 Sample : L1184-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E2-E3

Quant Time: Jan 18 01:49:25 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

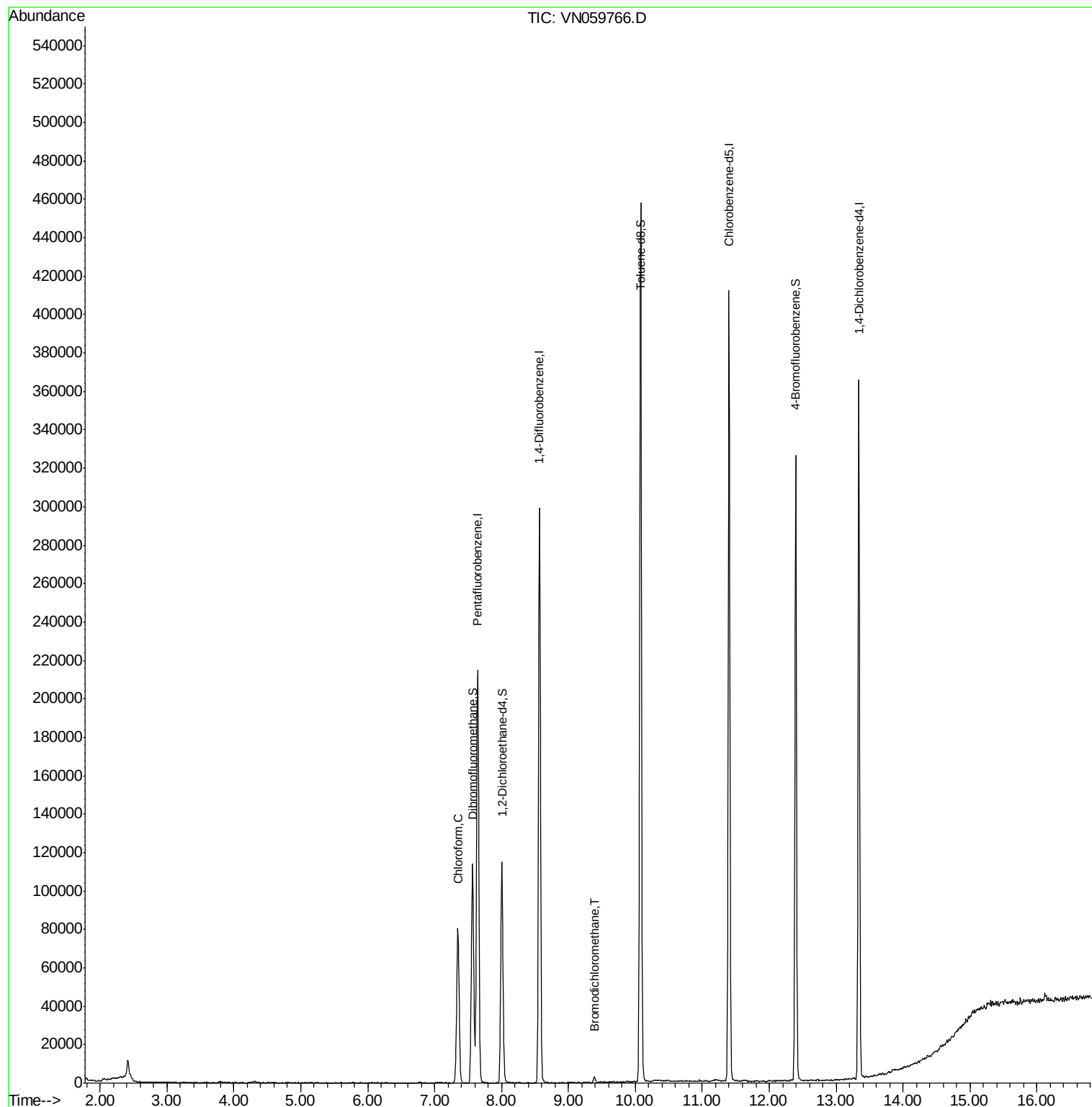
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	280115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	246654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98480	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	7.57	113	87163	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
50) Toluene-d8	10.08	98	327539	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	108277	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
30) Chloroform	7.35	83	85224	25.350	ug/l	98
47) Bromodichloromethane	9.38	83	2560	1.000	ug/l #	96

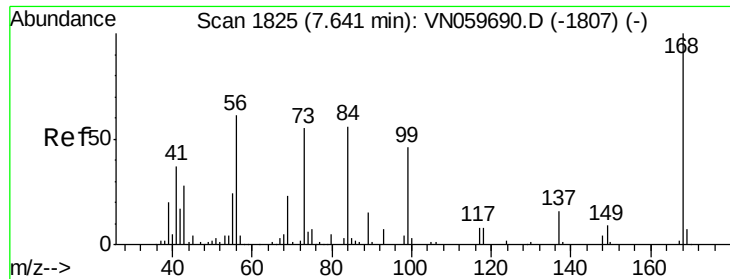
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059766.D

Acq: 17 Jan 2020 17:19

Instrument :

MSVOA_N

ClientSampled :

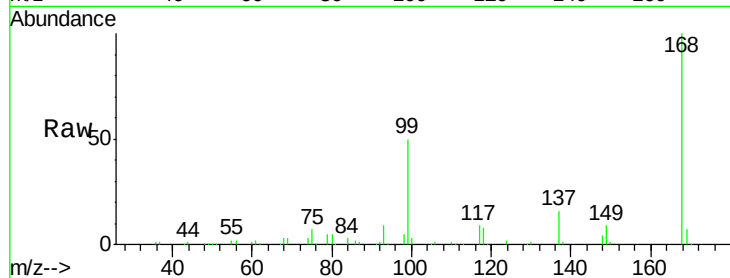
E2-E3

Tot Ion:168 Resp: 190019

Ion Ratio Lower Upper

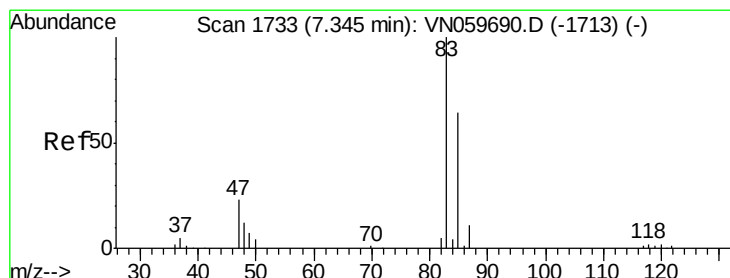
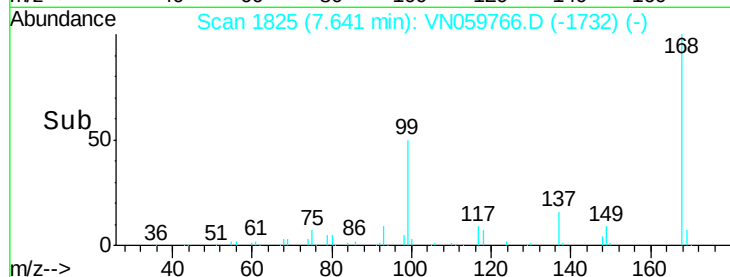
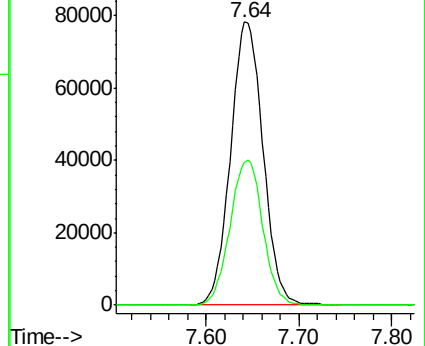
168 100

99 50.5 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: 25.350 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN059766.D

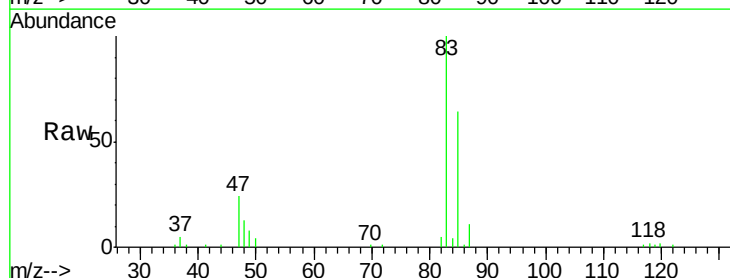
Acq: 17 Jan 2020 17:19

Tgt Ion: 83 Resp: 85224

Ion Ratio Lower Upper

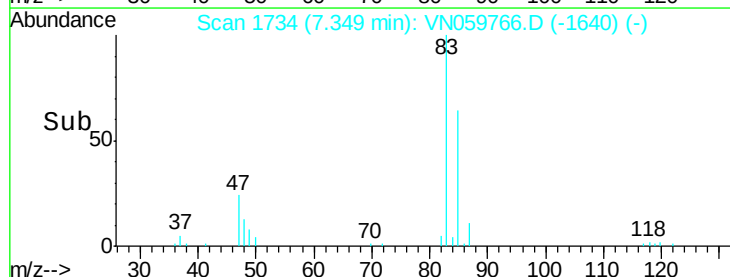
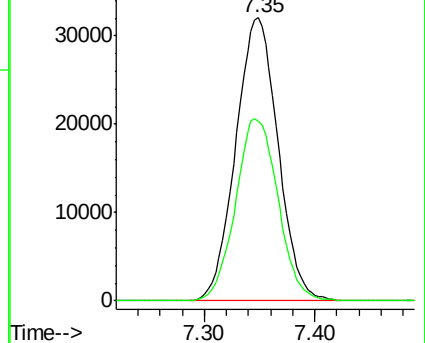
83 100

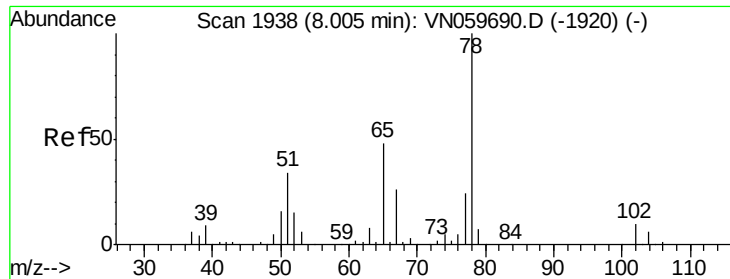
85 63.7 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 46.668 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059766.D

Acq: 17 Jan 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

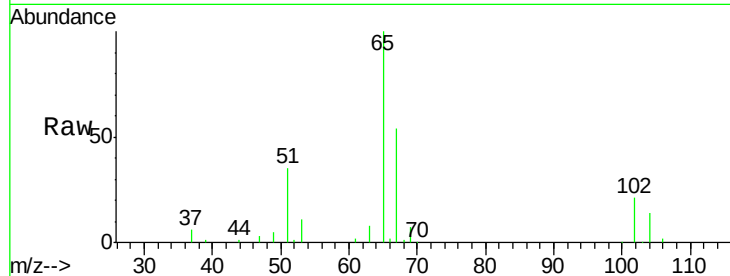
E2-E3

Tot Ion: 65 Resp: 98480

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0

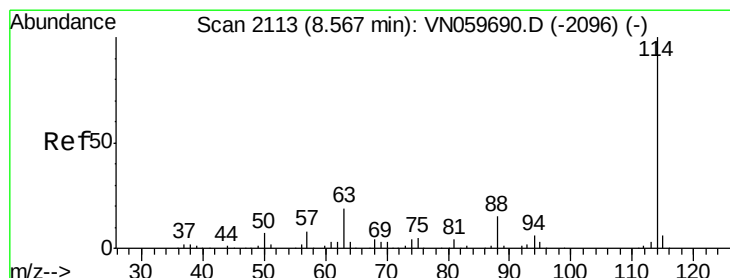
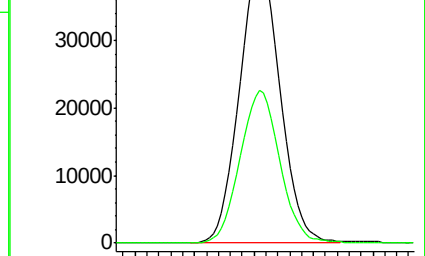
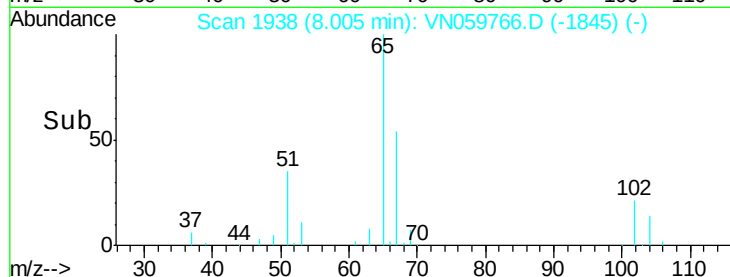


Abundance Ion 64.90 (64.60 to 65.60): VN059766.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059766.D (-1845) (-)

8.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059766.D

Acq: 17 Jan 2020 17:19

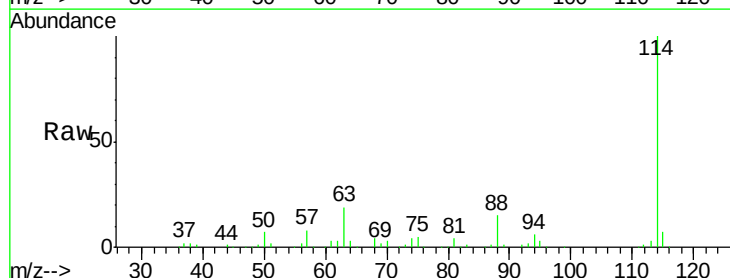
Tgt Ion: 114 Resp: 280115

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.6

88 14.8 0.0 31.4



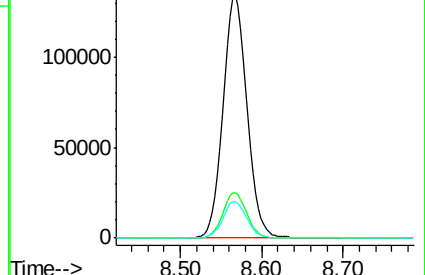
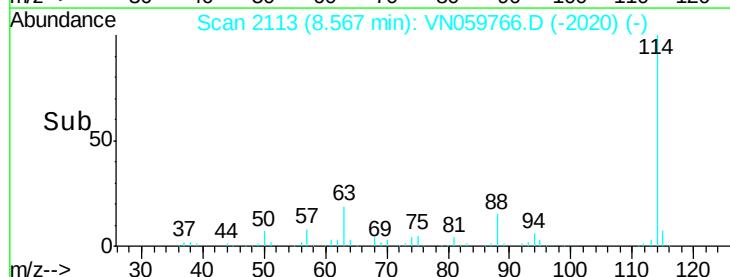
Abundance Ion 113.90 (113.60 to 114.60): VN059766.D (-2020) (-)

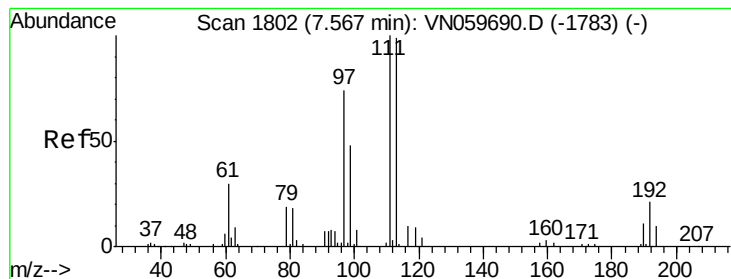
Ion 63.00 (62.70 to 63.70): VN059766.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059766.D (-2020) (-)

8.57

Time-->





#35

Dibromofluoromethane

Concen: 52.179 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059766.D

Acq: 17 Jan 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

E2-E3

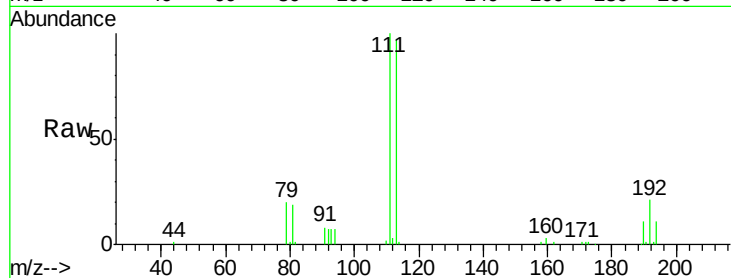
Tot Ion:113 Resp: 87163

Ion Ratio Lower Upper

113 100

111 101.7 83.5 125.3

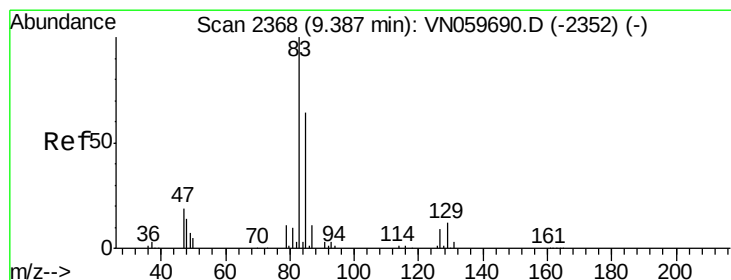
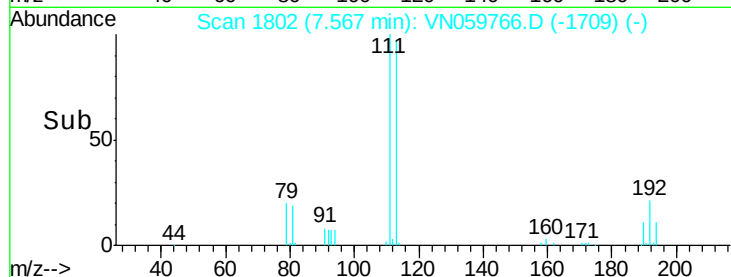
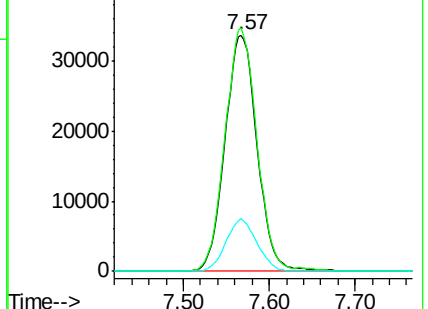
192 21.3 15.4 23.2



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



#47

Bromodichloromethane

Concen: 1.000 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN059766.D

Acq: 17 Jan 2020 17:19

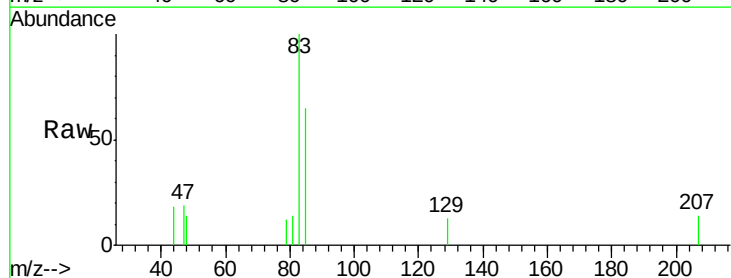
Tgt Ion: 83 Resp: 2560

Ion Ratio Lower Upper

83 100

85 65.2 51.1 76.7

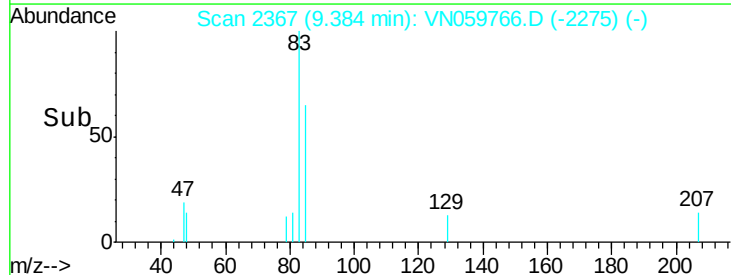
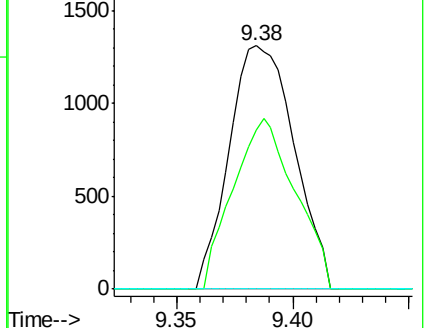
127 0.0 6.6 9.8#

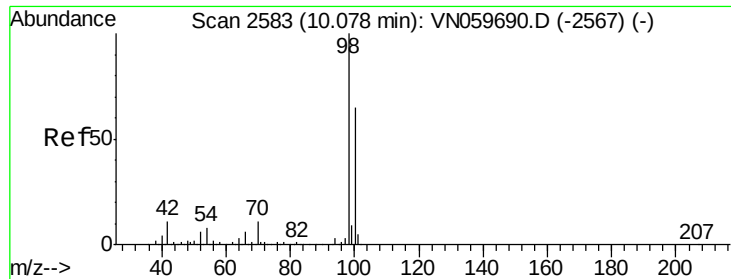


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 126.80 (126.50 to 127.50): V

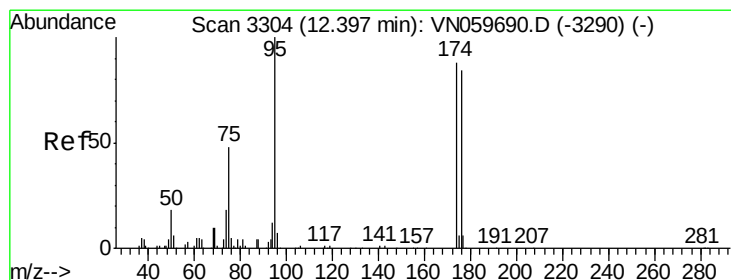
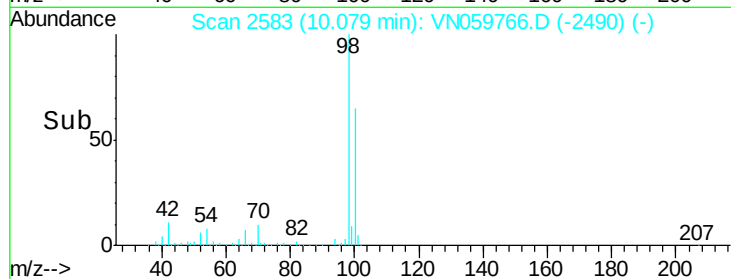
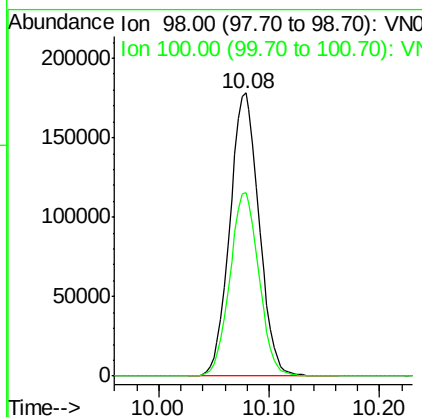
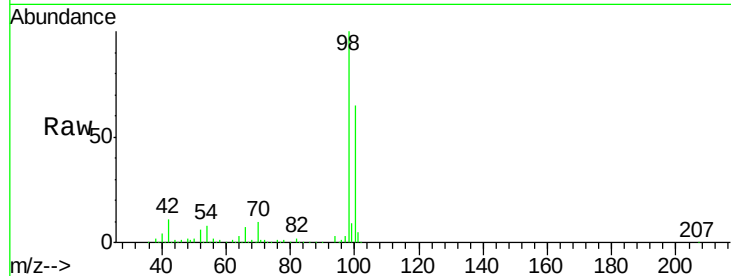




#50
Toluene-d8
Concen: 50.607 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059766.D
Acq: 17 Jan 2020 17:19

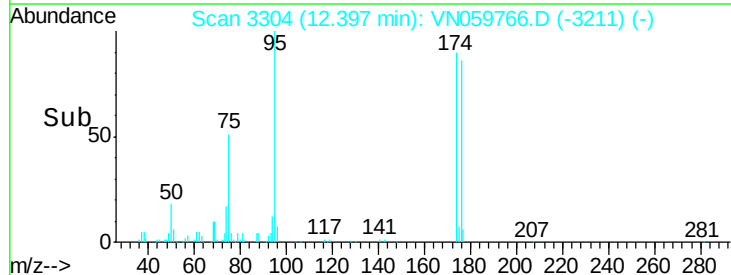
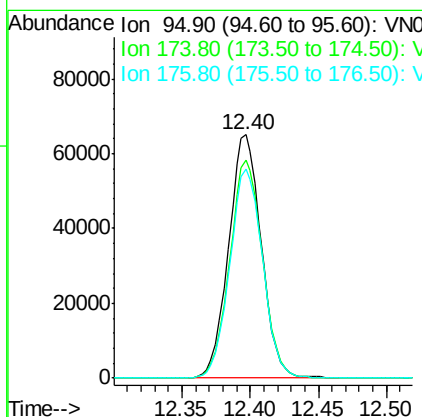
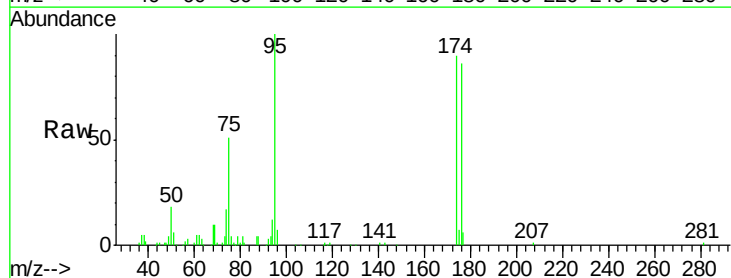
Instrument :
MSVOA_N
ClientSampled :
E2-E3

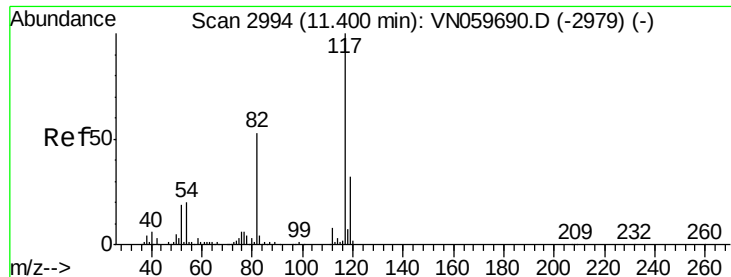
Tot Ion: 98 Resp: 327539
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.407 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059766.D
Acq: 17 Jan 2020 17:19

Tgt Ion: 95 Resp: 108277
Ion Ratio Lower Upper
95 100
174 89.6 0.0 151.4
176 86.5 0.0 146.0

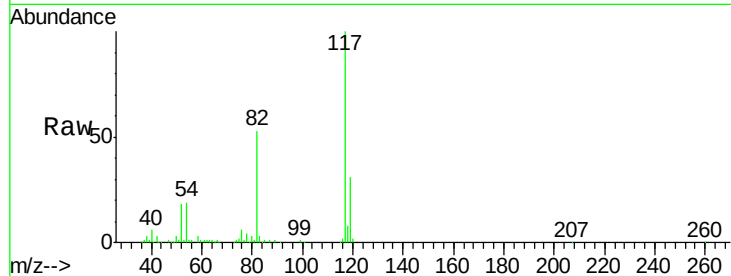




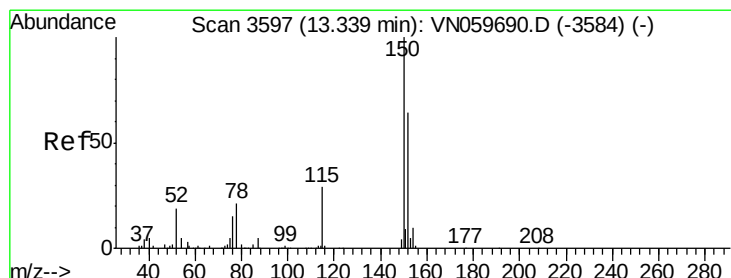
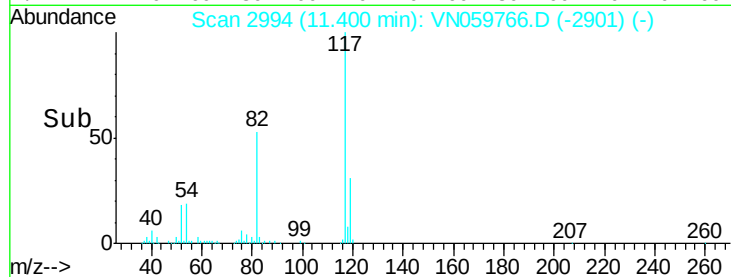
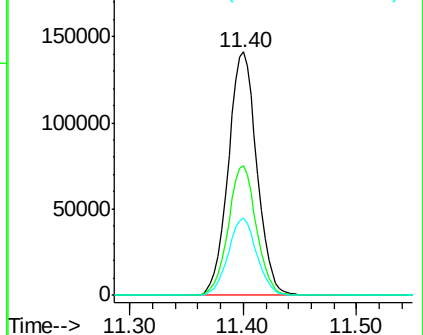
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059766.D
Acq: 17 Jan 2020 17:19

Instrument :
MSVOA_N
ClientSampled :
E2-E3

Tot Ion:117 Resp: 246654
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 31.5 25.5 38.3

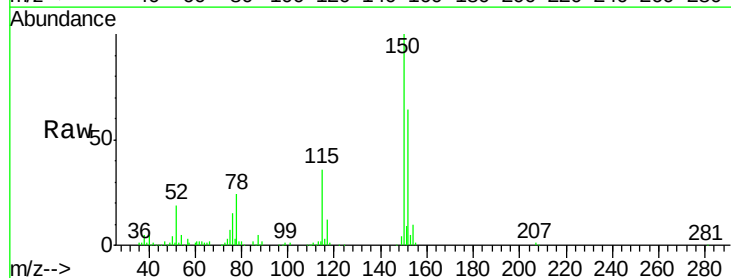


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059766.D
Acq: 17 Jan 2020 17:19

Tgt Ion:152 Resp: 101528
Ion Ratio Lower Upper
152 100
115 56.2 30.3 90.9
150 155.9 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

