

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059787.D
 Acq On : 20 Jan 2020 15:20
 Operator : JC/MD
 Sample : L1166-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 QVD-WC-S-SB-0203

Quant Time: Jan 21 02:41:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

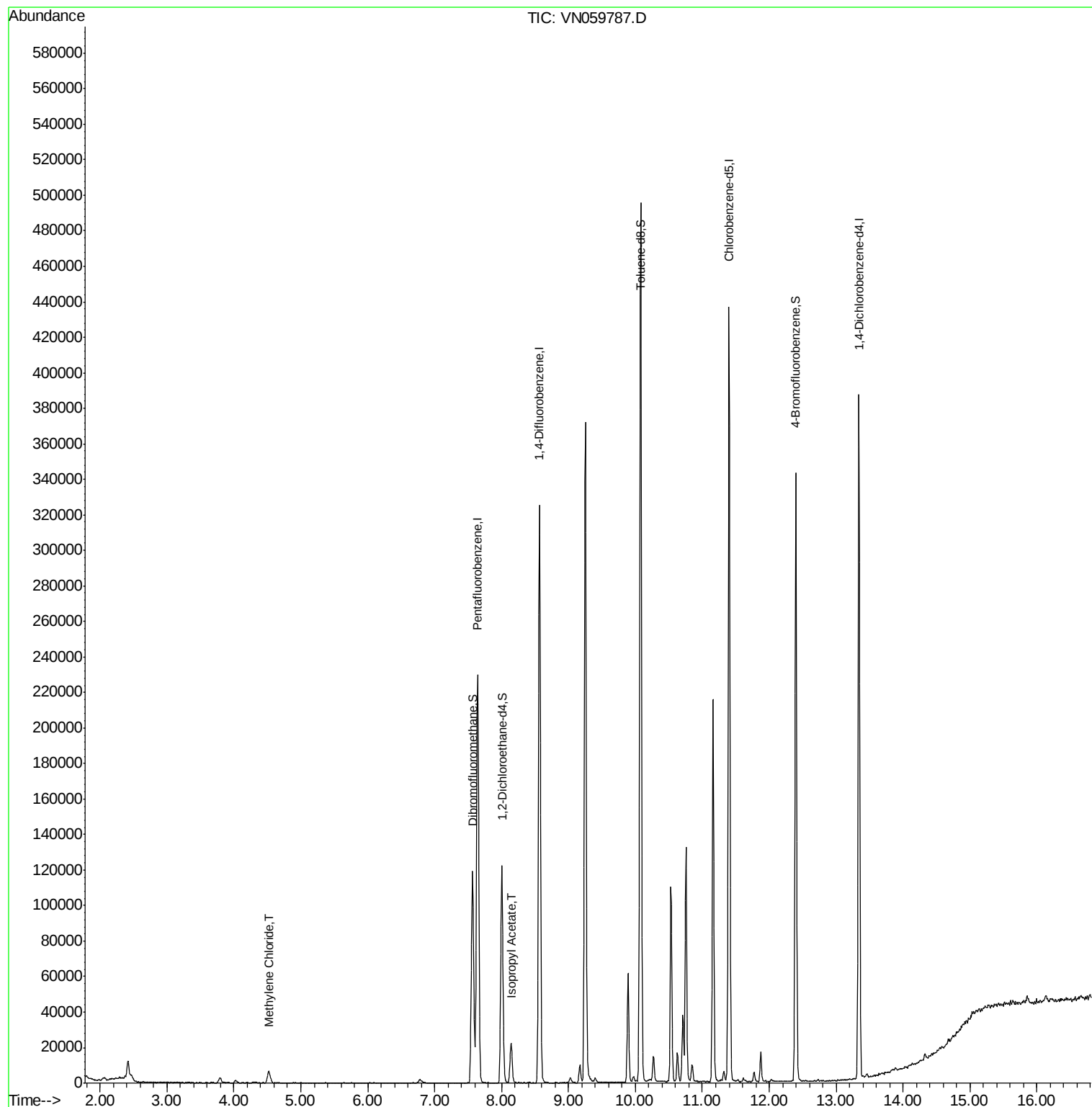
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104653	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	7.57	113	90413	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	10.08	98	351374	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.40	95	116350	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
20) Methylene Chloride	4.52	84	5344	1.377	ug/l	95
43) Isopropyl Acetate	8.14	43	26869	6.286	ug/l #	91

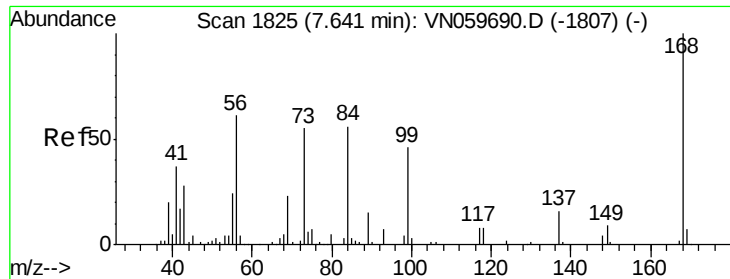
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 18 03:09:32 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: VN059787.D

Acq: 20 Jan 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

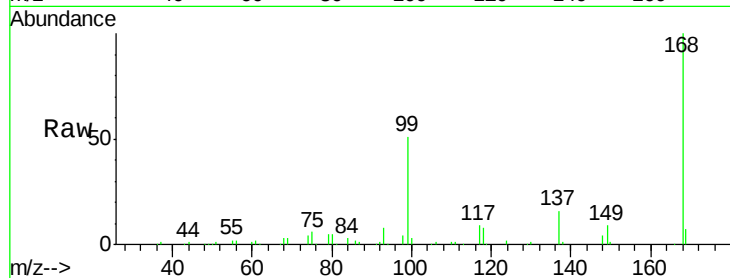
QVD-WC-S-SB-0203

Tot Ion:168 Resp: 201787

Ion Ratio Lower Upper

168 100

99 50.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

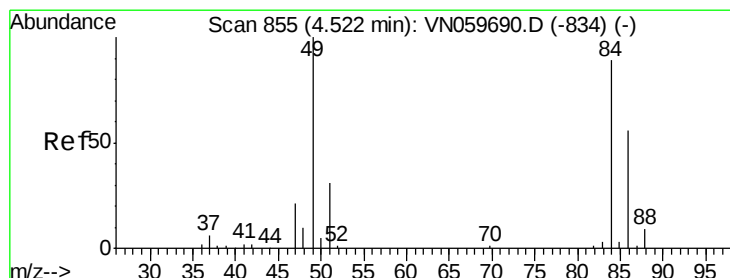
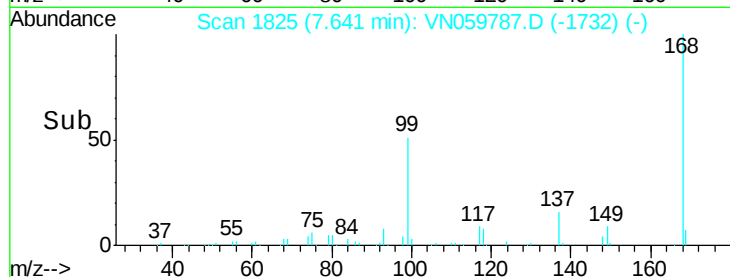
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.377 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN059787.D

Acq: 20 Jan 2020 15:20

Tgt Ion: 84 Resp: 5344

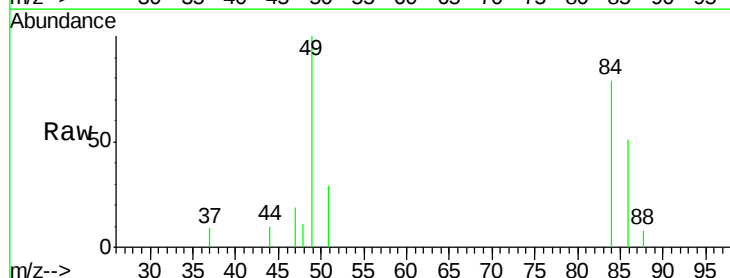
Ion Ratio Lower Upper

84 100

49 126.6 106.6 160.0

51 36.2 31.9 47.9

86 65.0 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

4.52

3000

2500

2000

1500

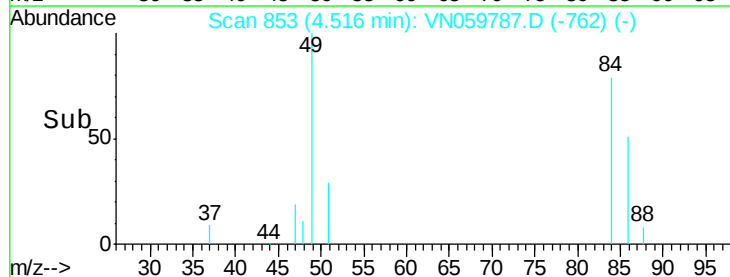
1000

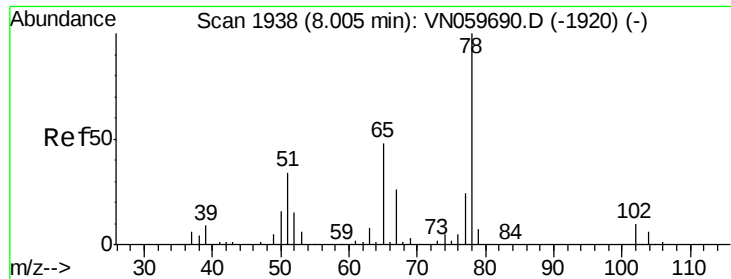
500

0

4.45 4.50 4.55 4.60

Time-->

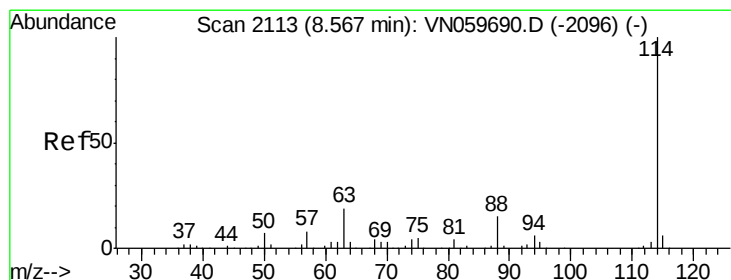
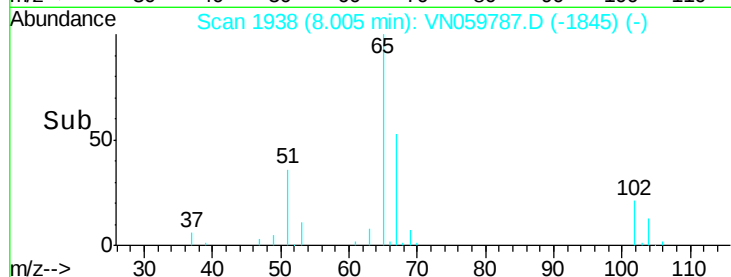
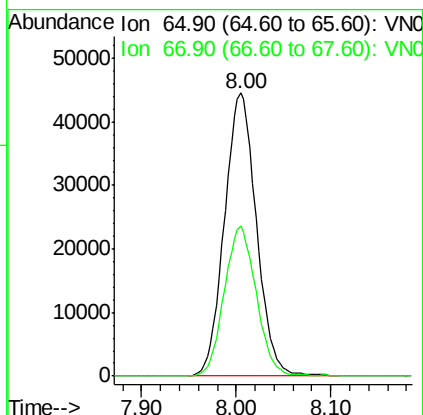
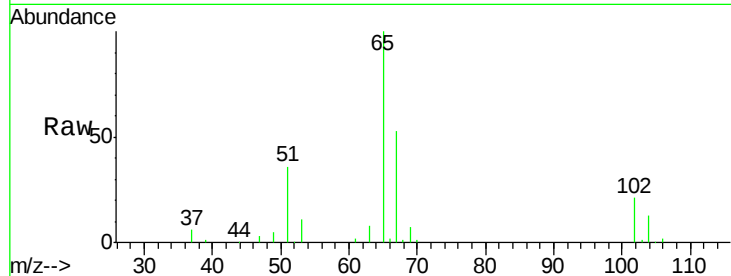




#33
 1,2-Dichloroethane-d4
 Concen: 46.701 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059787.D
 Acq: 20 Jan 2020 15:20

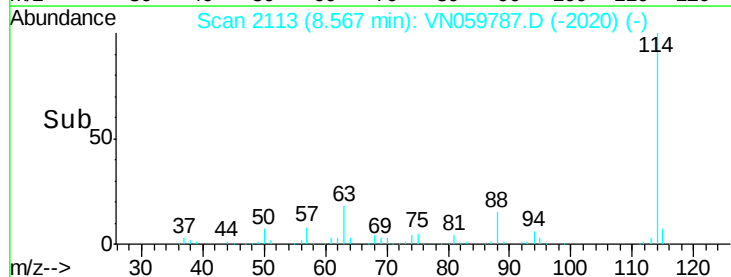
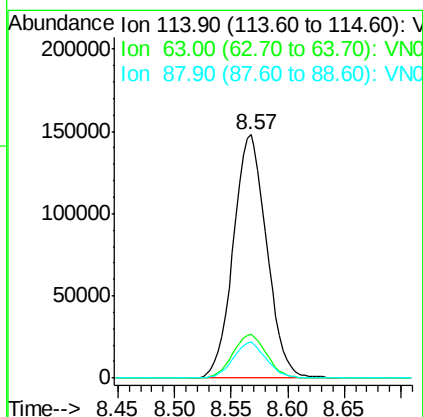
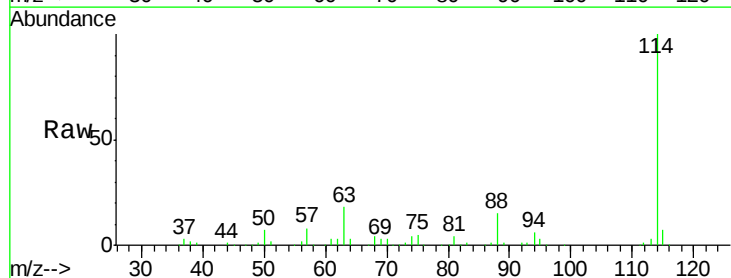
Instrument :
 MSVOA_N
 ClientSampleId :
 QVD-WC-S-SB-0203

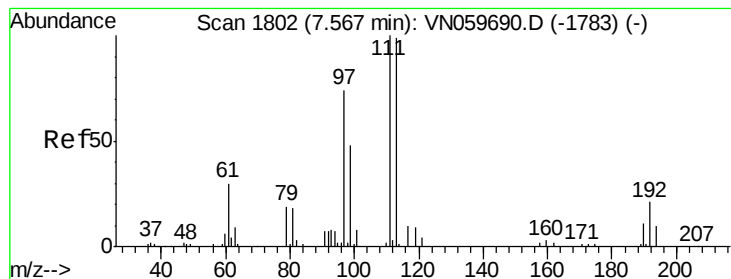
Tot Ion: 65 Resp: 104653
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059787.D
 Acq: 20 Jan 2020 15:20

Tgt Ion: 114 Resp: 304267
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.6
 88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.829 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059787.D

Acq: 20 Jan 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

QVD-WC-S-SB-0203

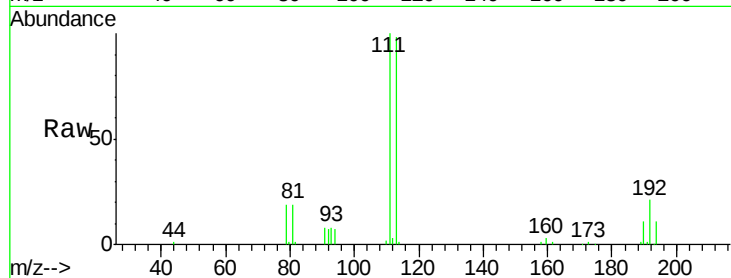
Tot Ion:113 Resp: 90413

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

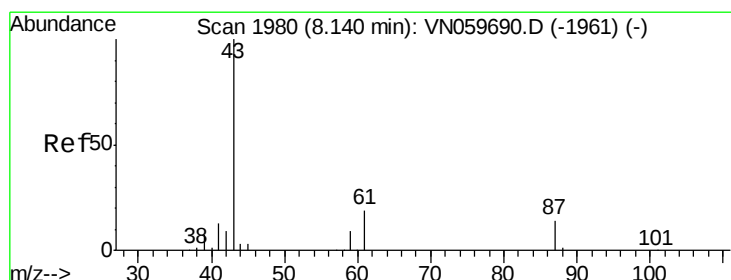
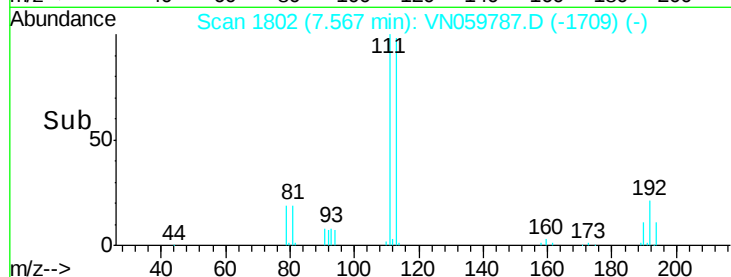
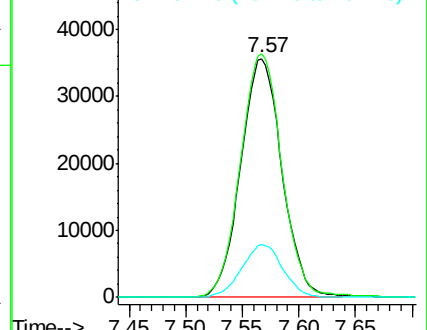
192 21.9 15.4 23.2



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



#43

Isopropyl Acetate

Concen: 6.286 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059787.D

Acq: 20 Jan 2020 15:20

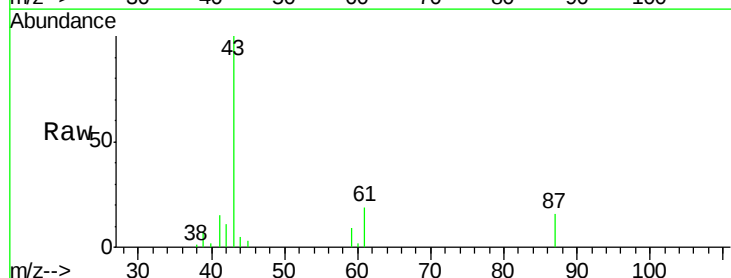
Tgt Ion: 43 Resp: 26869

Ion Ratio Lower Upper

43 100

61 20.2 20.2 30.2

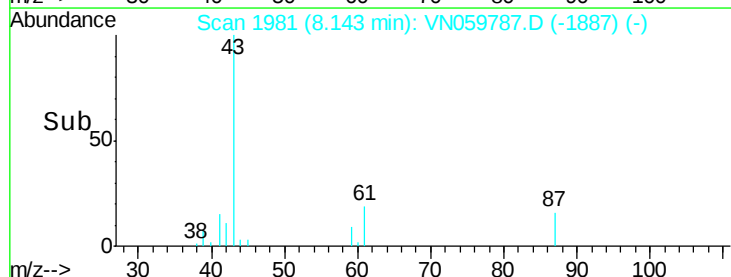
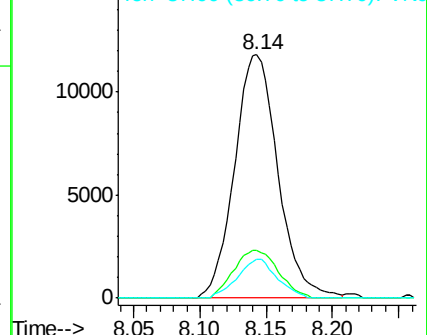
87 14.5 9.5 14.3#

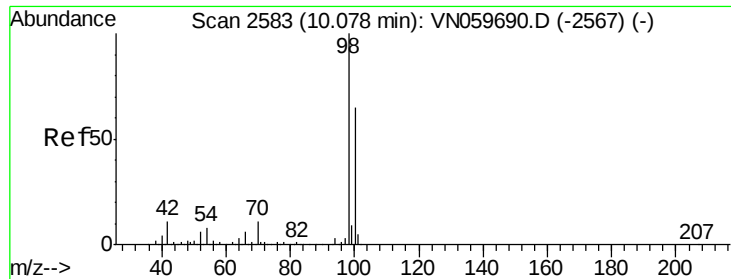


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.981 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059787.D

Acq: 20 Jan 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

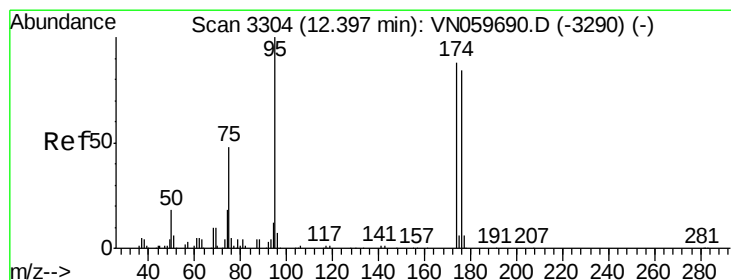
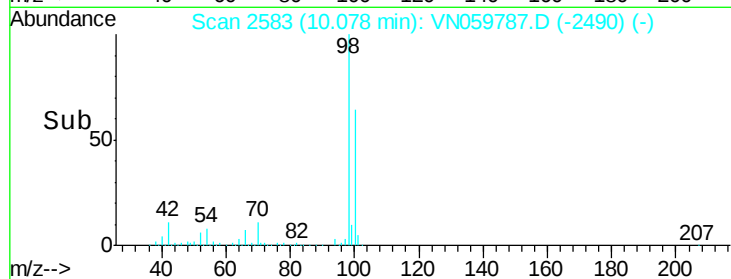
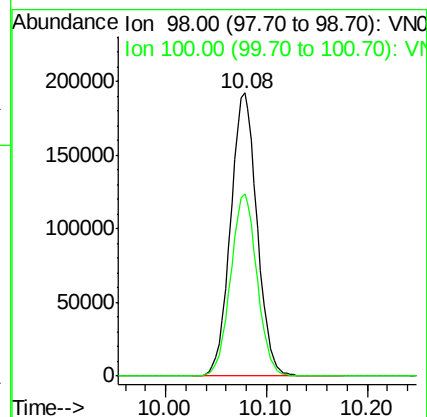
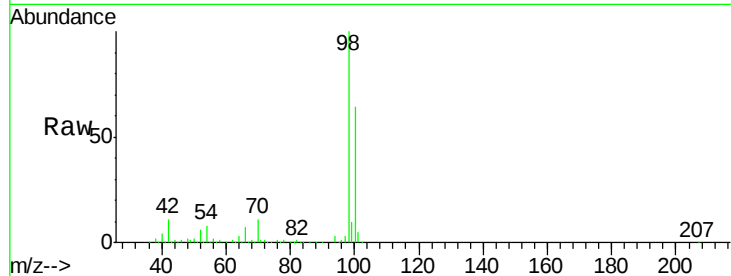
QVD-WC-S-SB-0203

Tot Ion: 98 Resp: 351374

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.909 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059787.D

Acq: 20 Jan 2020 15:20

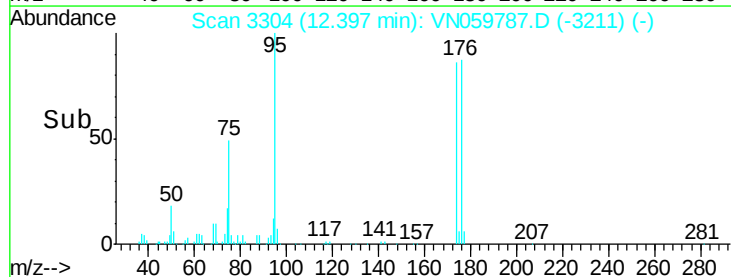
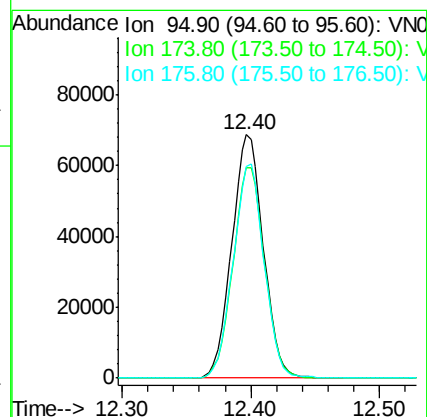
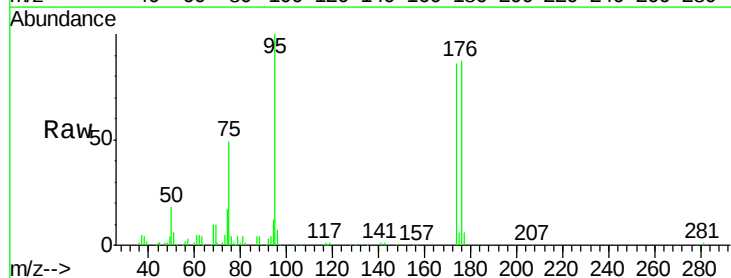
Tgt Ion: 95 Resp: 116350

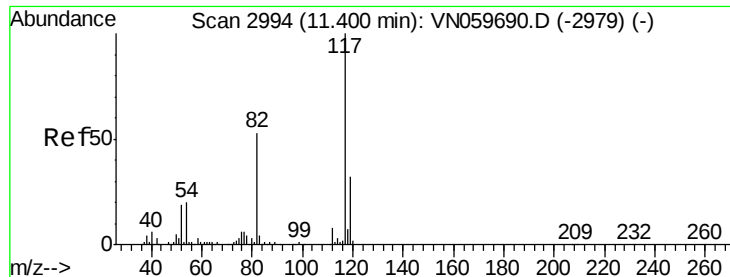
Ion Ratio Lower Upper

95 100

174 86.5 0.0 151.4

176 86.4 0.0 146.0

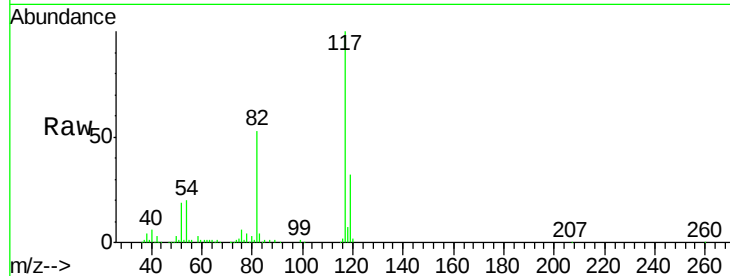




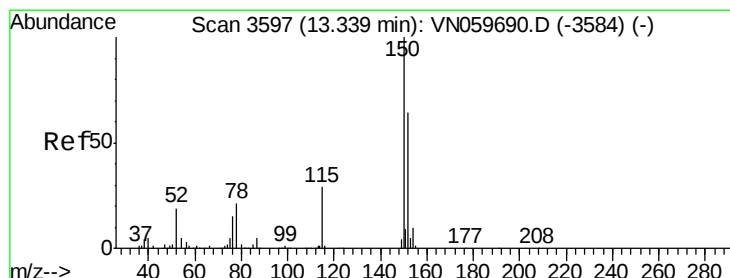
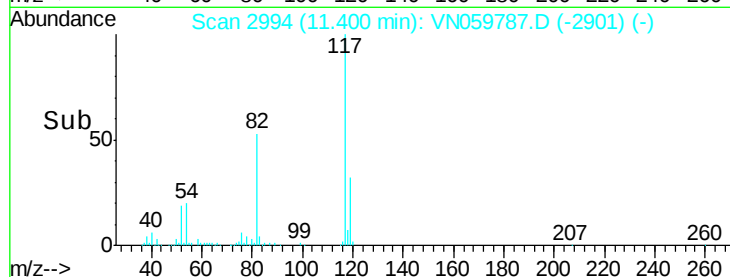
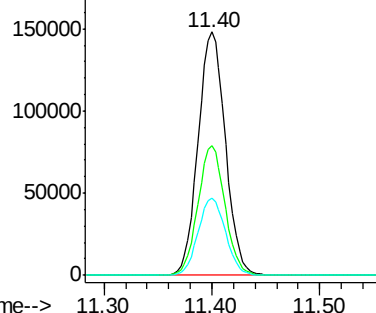
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059787.D
Acq: 20 Jan 2020 15:20

Instrument :
MSVOA_N
ClientSampleId :
QVD-WC-S-SB-0203

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.9	68.9
119	31.6	25.5	38.3

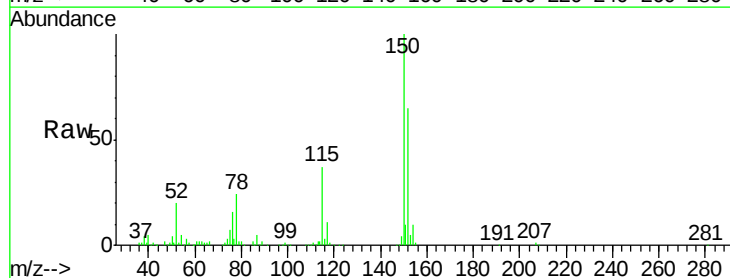


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059787.D
Acq: 20 Jan 2020 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	30.3	90.9
150	155.1	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

