

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059785.D
 Acq On : 20 Jan 2020 14:33
 Operator : JC/MD
 Sample : L1166-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 21 02:37:59 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

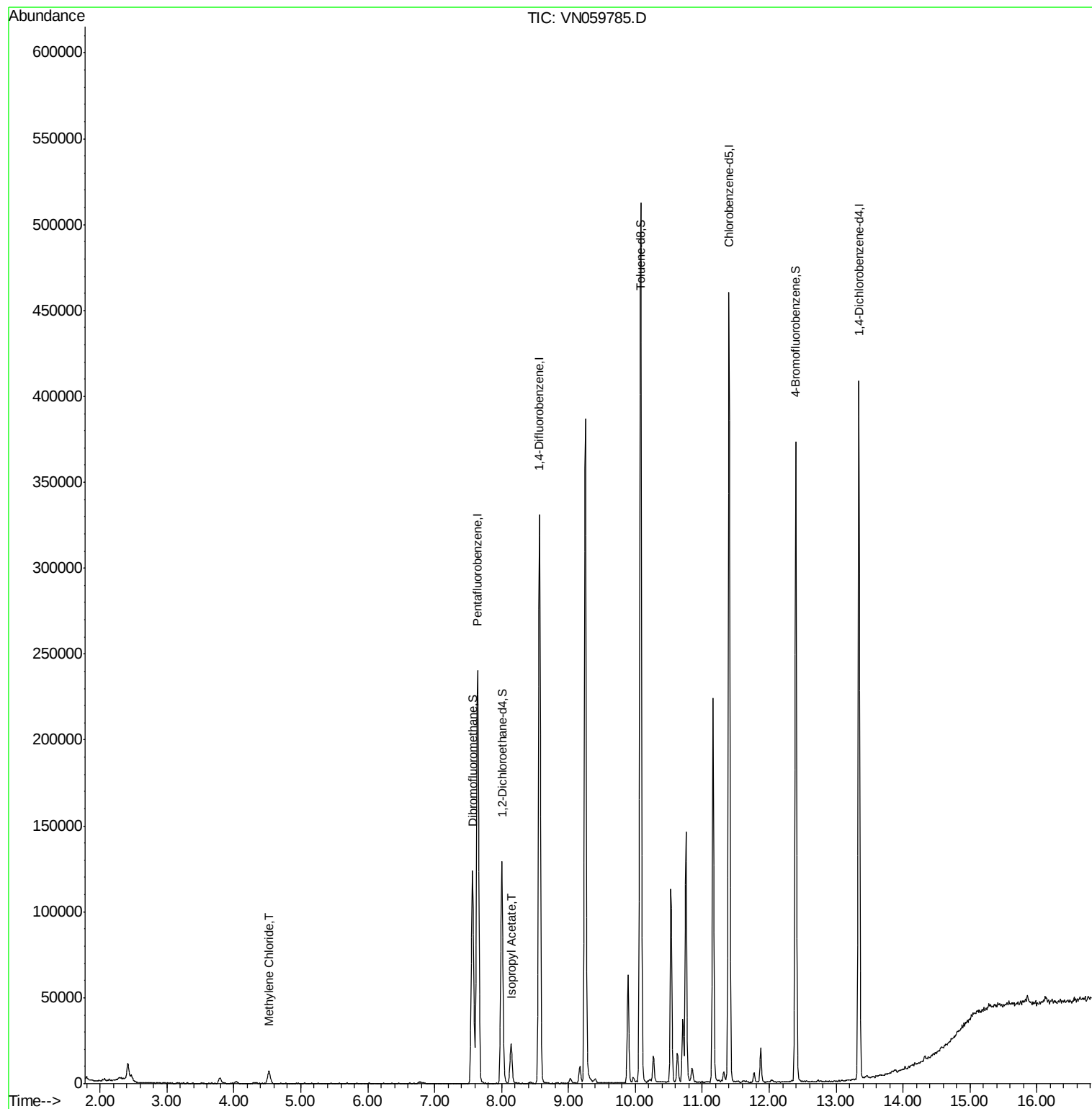
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	212993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110769	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	7.56	113	96160	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	10.08	98	367304	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	122795	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
20) Methylene Chloride	4.53	84	5882	1.493	ug/l	89
43) Isopropyl Acetate	8.14	43	27541	6.233	ug/l #	92

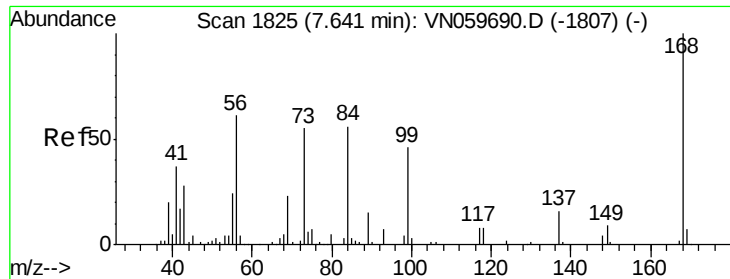
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059785.D

Acq: 20 Jan 2020 14:33

Instrument :

MSVOA_N

ClientSampleId :

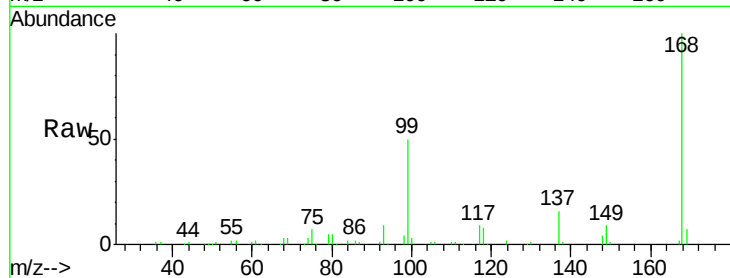
QVD-WC-S-SB-BC

Tot Ion:168 Resp: 212993

Ion Ratio Lower Upper

168 100

99 49.8 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

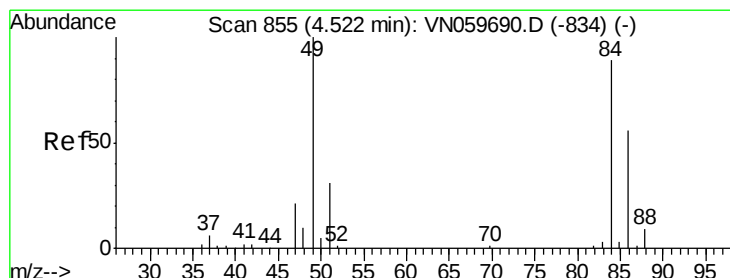
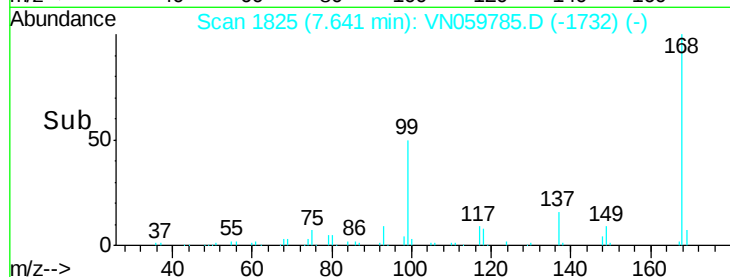
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.493 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059785.D

Acq: 20 Jan 2020 14:33

Tgt Ion: 84 Resp: 5882

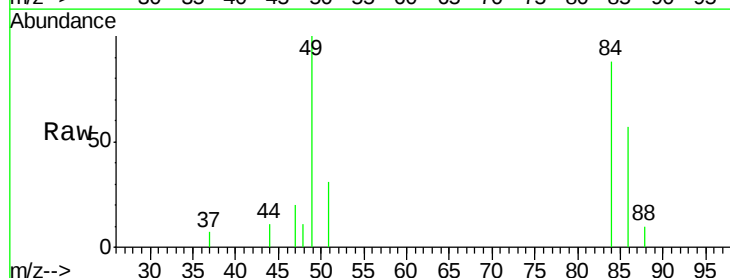
Ion Ratio Lower Upper

84 100

49 113.9 106.6 160.0

51 35.5 31.9 47.9

86 65.1 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

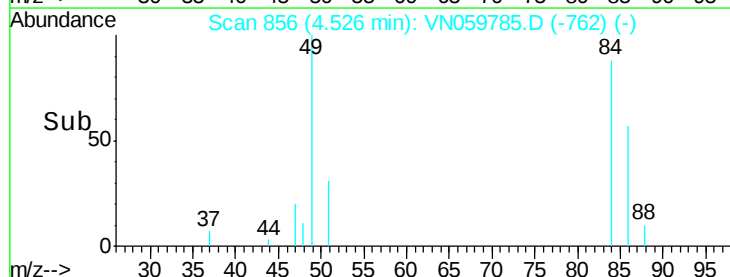
3000

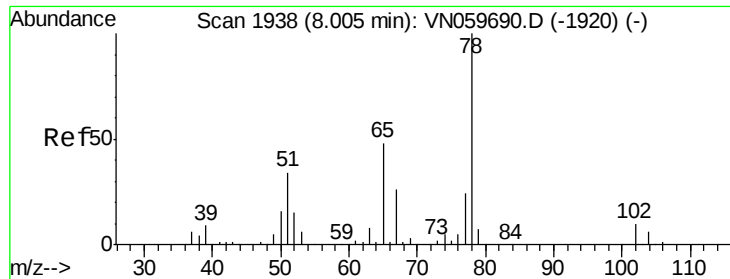
2000

1000

0

Time--> 4.45 4.50 4.55 4.60

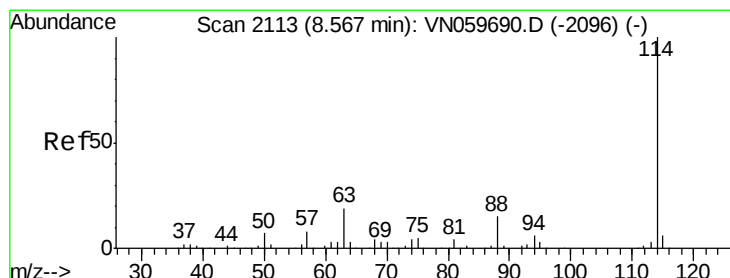
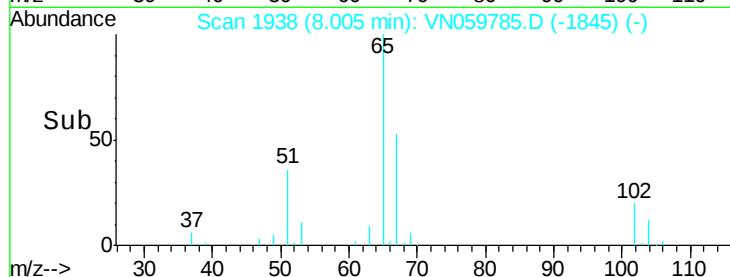
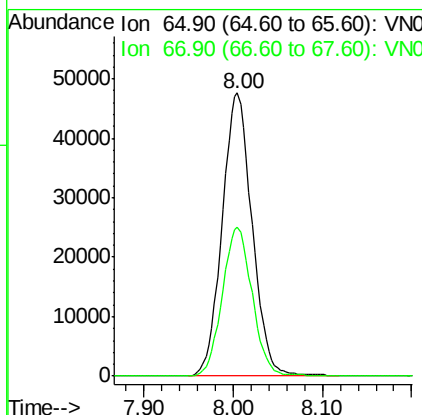
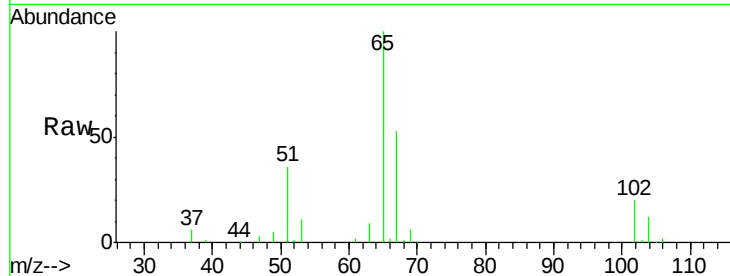




#33
 1,2-Dichloroethane-d4
 Concen: 46.830 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059785.D
 Acq: 20 Jan 2020 14:33

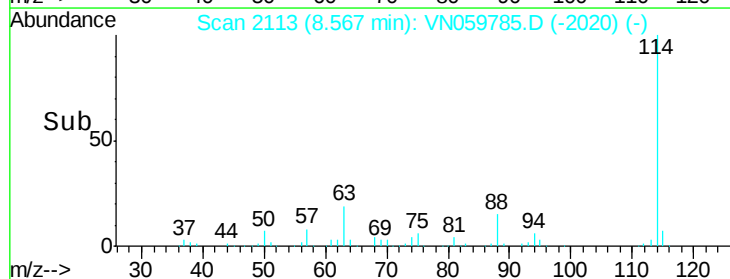
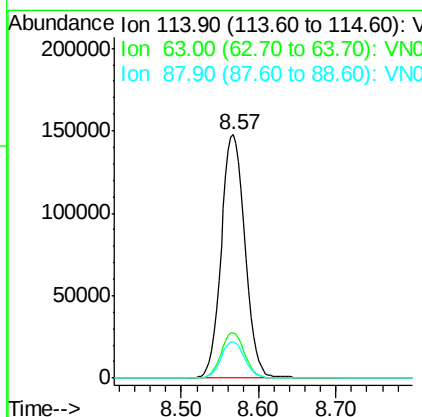
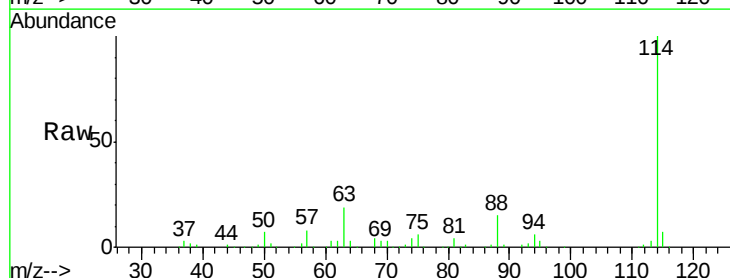
Instrument :
 MSVOA_N
 ClientSampleId :
 QVD-WC-S-SB-BC

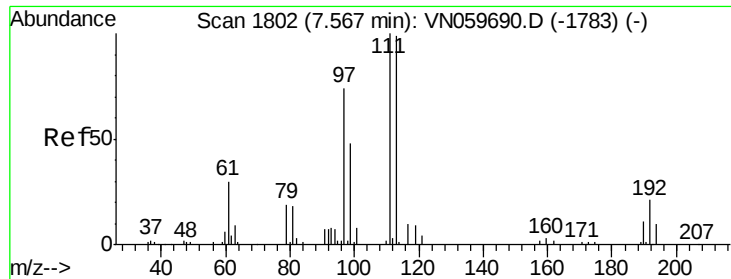
Tot Ion: 65 Resp: 110769
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059785.D
 Acq: 20 Jan 2020 14:33

Tgt Ion: 114 Resp: 314493
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.6
 88 15.1 0.0 31.4

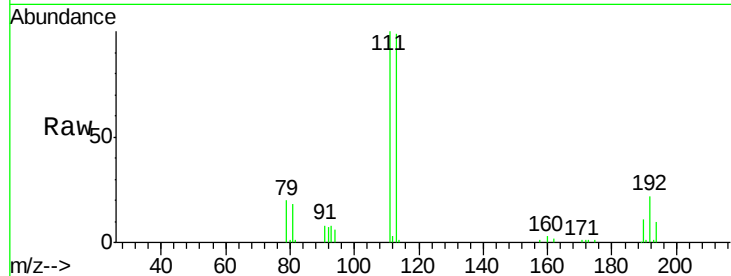




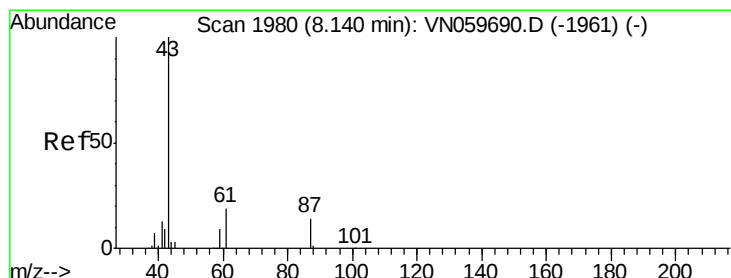
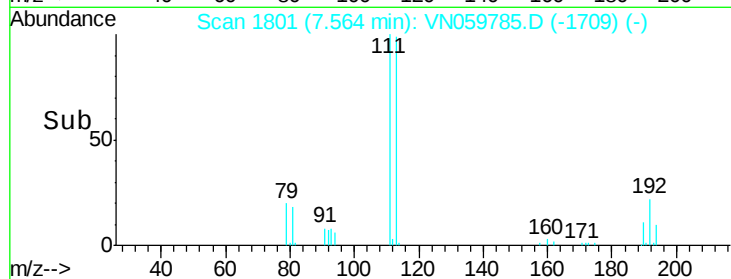
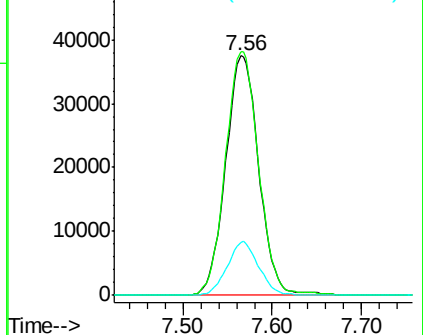
#35
 Dibromofluoromethane
 Concen: 51.273 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059785.D
 Acq: 20 Jan 2020 14:33

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

Tot Ion:113 Resp: 96160
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.5 125.3
 192 21.2 15.4 23.2

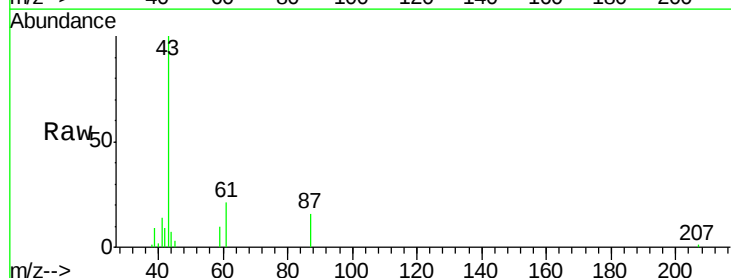


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

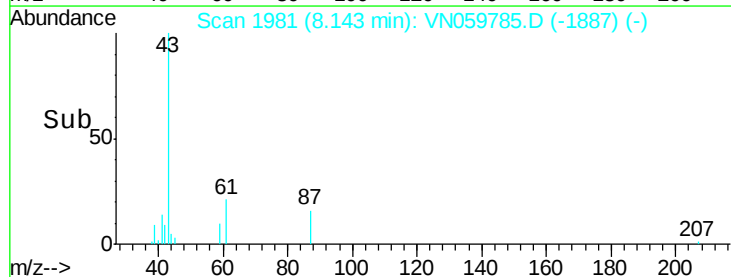
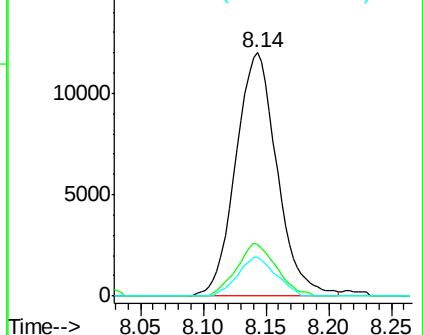


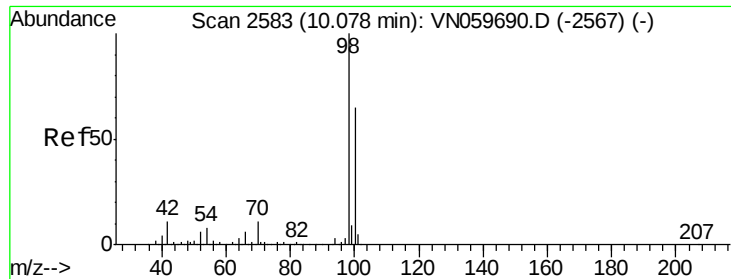
#43
 Isopropyl Acetate
 Concen: 6.233 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059785.D
 Acq: 20 Jan 2020 14:33

Tgt Ion: 43 Resp: 27541
 Ion Ratio Lower Upper
 43 100
 61 20.6 20.2 30.2
 87 14.7 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO

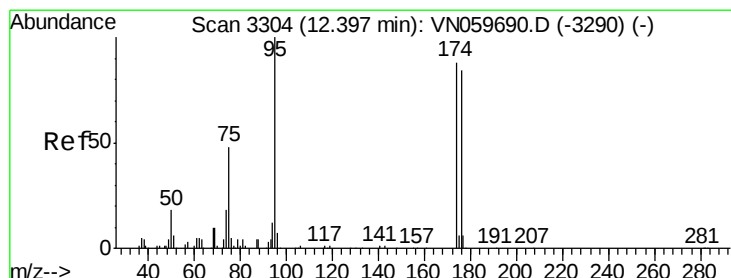
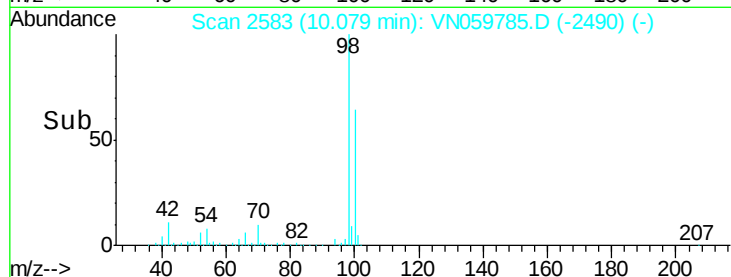
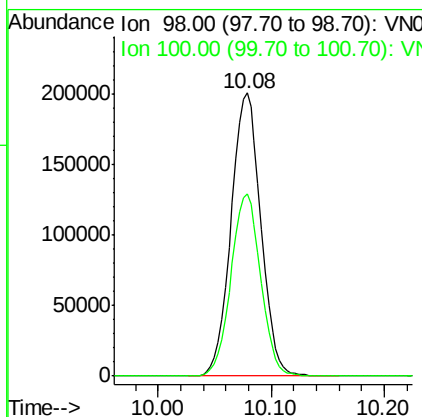
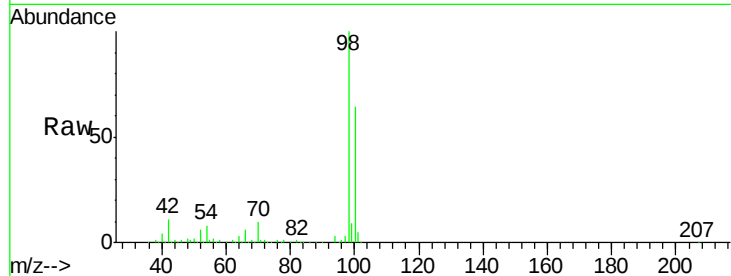




#50
Toluene-d8
Concen: 50.548 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059785.D
Acq: 20 Jan 2020 14:33

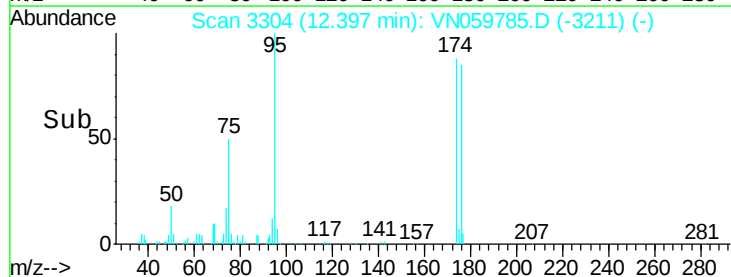
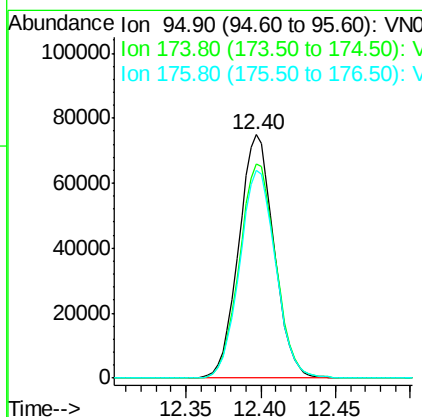
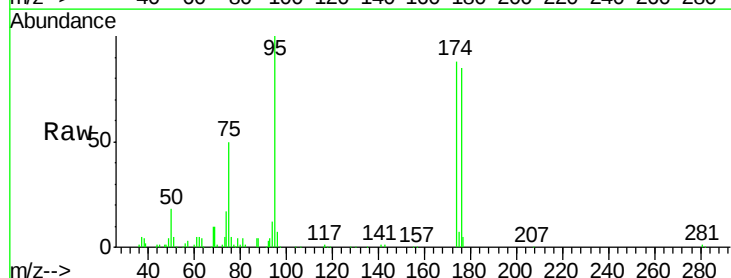
Instrument :
MSVOA_N
ClientSampleId :
QVD-WC-S-SB-BC

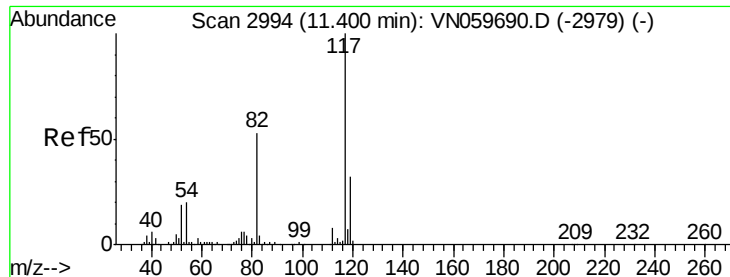
Tot Ion: 98 Resp: 367304
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.876 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059785.D
Acq: 20 Jan 2020 14:33

Tgt Ion: 95 Resp: 122795
Ion Ratio Lower Upper
95 100
174 90.7 0.0 151.4
176 87.2 0.0 146.0

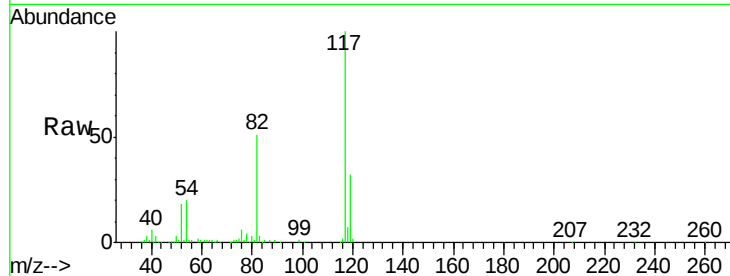




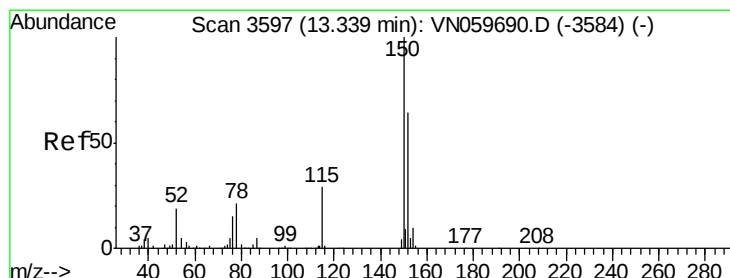
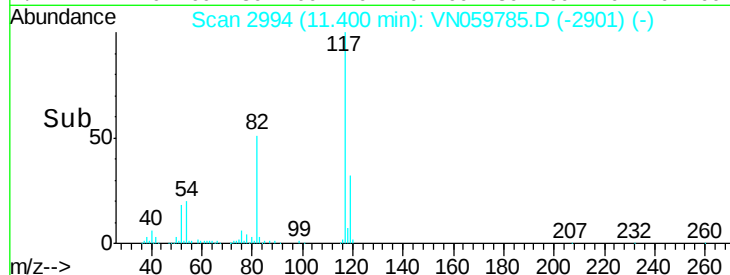
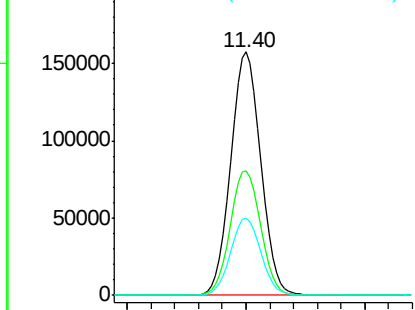
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059785.D
Acq: 20 Jan 2020 14:33

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

Tot Ion:117 Resp: 275289
Ion Ratio Lower Upper
117 100
82 51.3 45.9 68.9
119 31.7 25.5 38.3

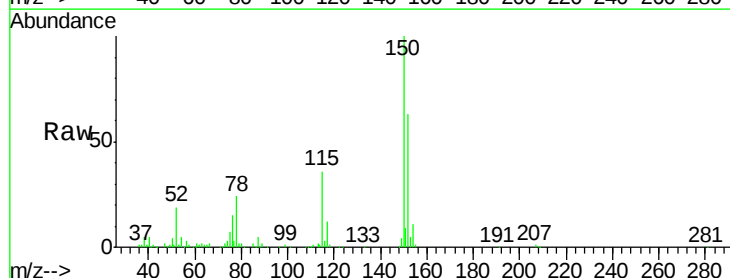


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059785.D
Acq: 20 Jan 2020 14:33

Tgt Ion:152 Resp: 115838
Ion Ratio Lower Upper
152 100
115 56.1 30.3 90.9
150 157.0 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

