

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059876.D
 Acq On : 27 Jan 2020 16:39
 Operator : JC/MD
 Sample : L1265-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 27 23:24:16 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

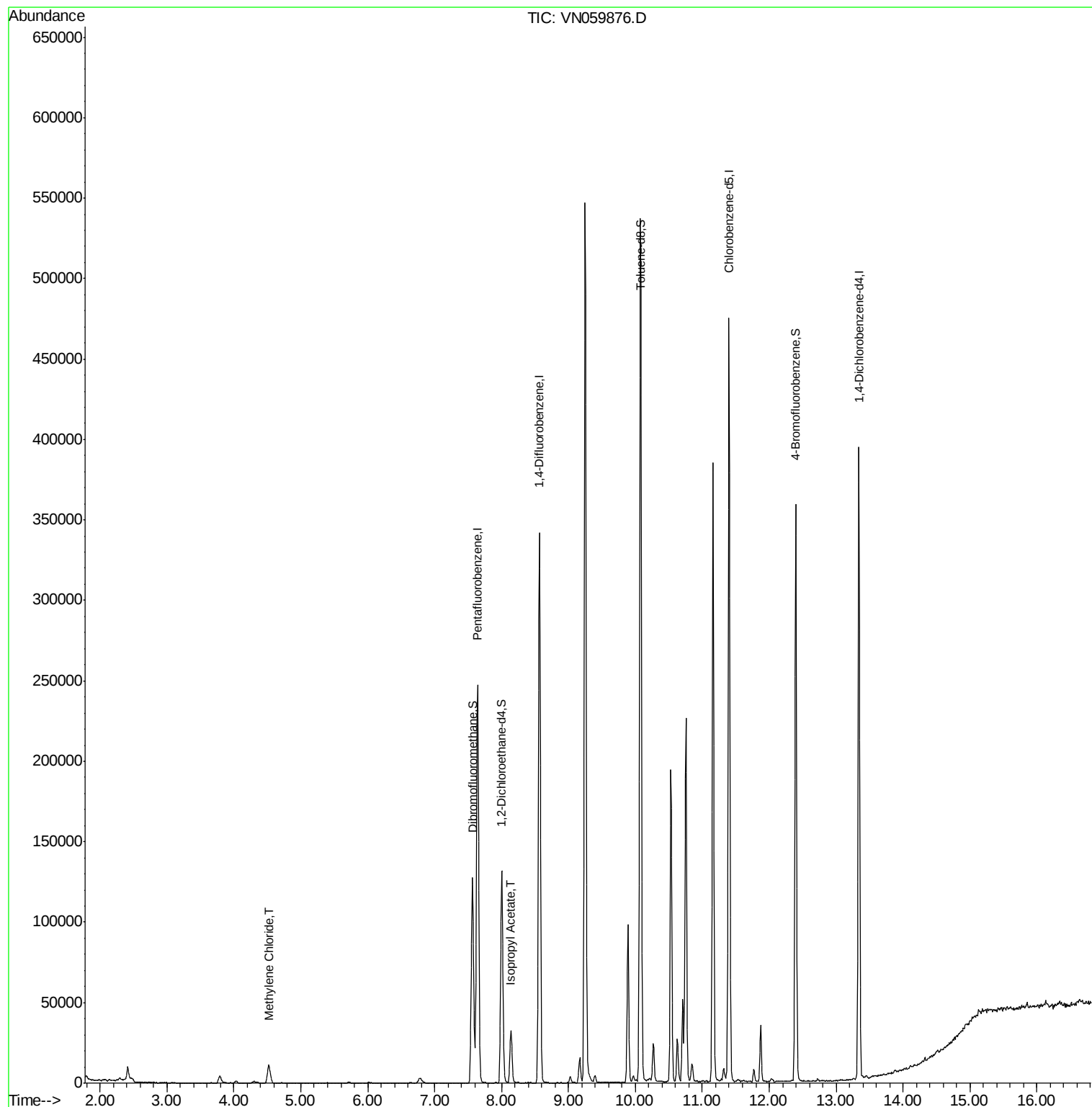
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	215616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113770	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	7.56	113	95423	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	10.08	98	378180	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	119487	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
20) Methylene Chloride	4.53	84	8719	2.803	ug/l #	85
43) Isopropyl Acetate	8.14	43	38716	8.537	ug/l #	92

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

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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: VN059876.D

Acq: 27 Jan 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

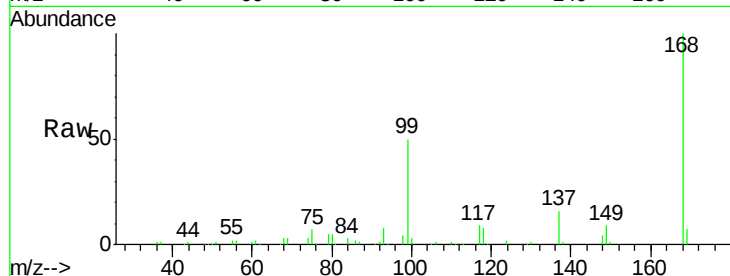
CTY-WC-S-SB-0203

Tot Ion:168 Resp: 215616

Ion Ratio Lower Upper

168 100

99 49.9 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

100000

80000

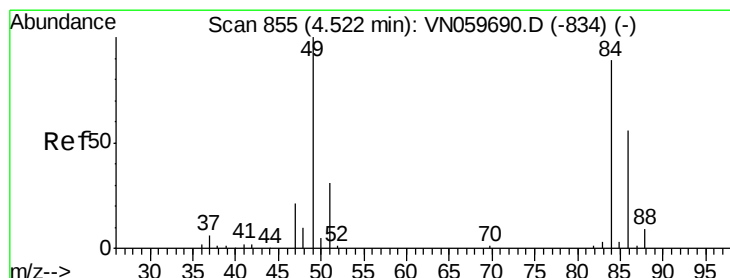
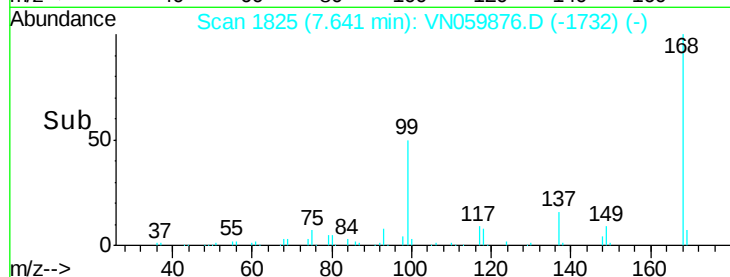
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.803 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059876.D

Acq: 27 Jan 2020 16:39

Tgt Ion: 84 Resp: 8719

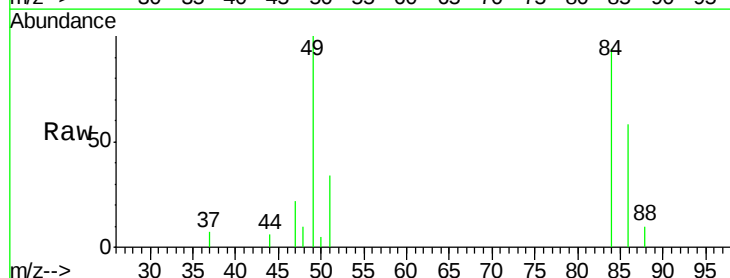
Ion Ratio Lower Upper

84 100

49 106.2 106.6 160.0#

51 36.3 31.9 47.9

86 61.3 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

4.53

5000

4000

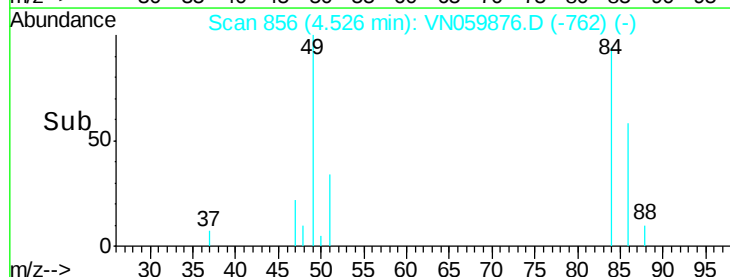
3000

2000

1000

0

Time-->

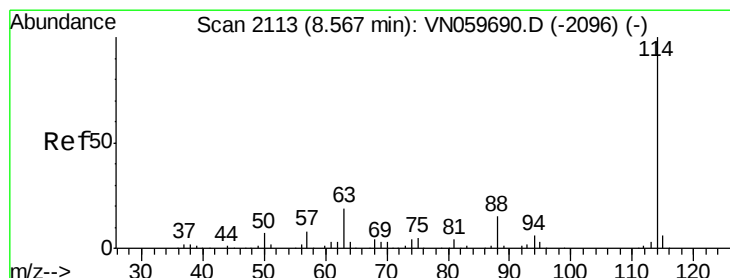
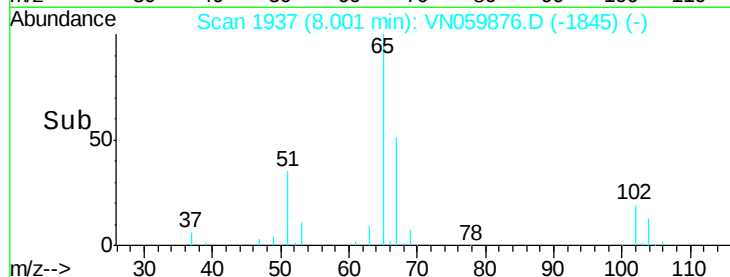
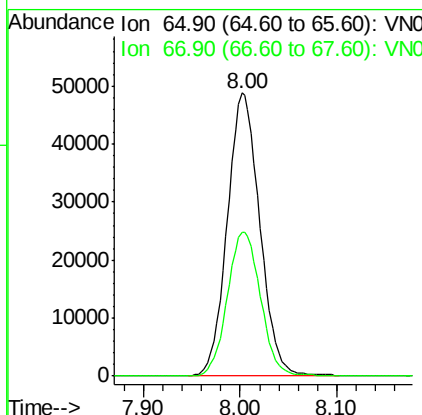
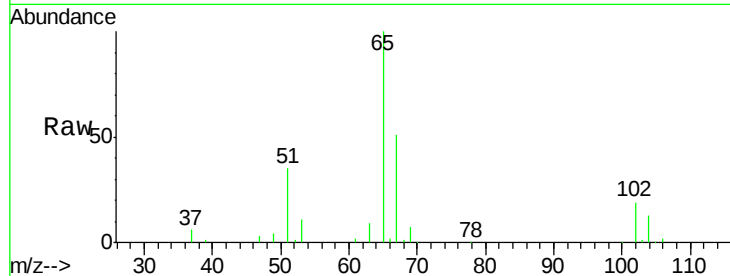




#33
 1,2-Dichloroethane-d4
 Concen: 47.514 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059876.D
 Acq: 27 Jan 2020 16:39

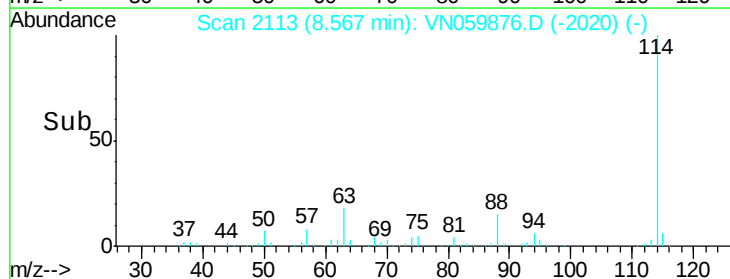
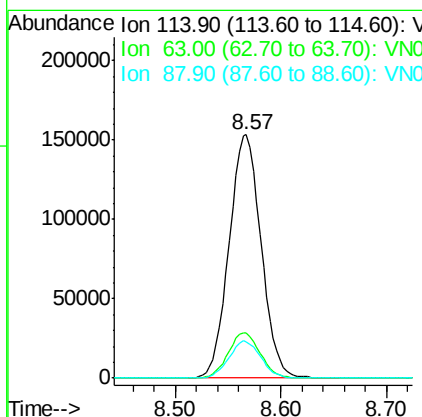
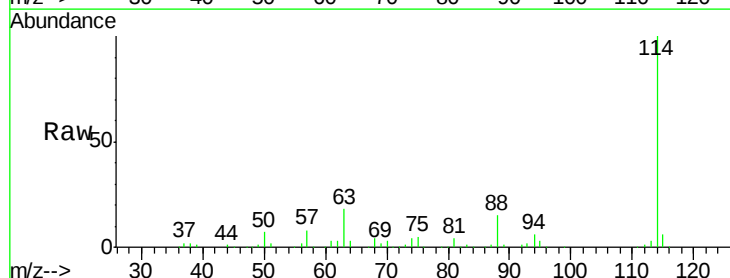
Instrument :
 MSVOA_N
 ClientSampleId :
 CTY-WC-S-SB-0203

Tot Ion: 65 Resp: 113770
 Ion Ratio Lower Upper
 65 100
 67 51.9 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: VN059876.D
 Acq: 27 Jan 2020 16:39

Tgt Ion: 114 Resp: 322818
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 15.0 0.0 31.4

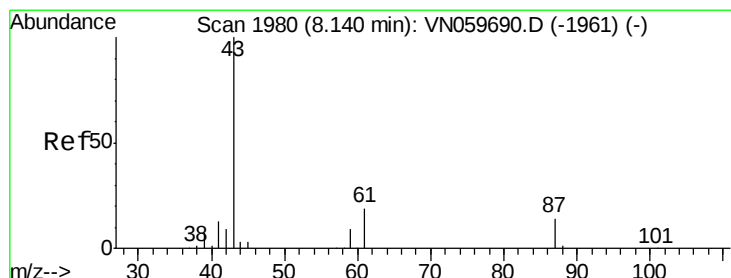
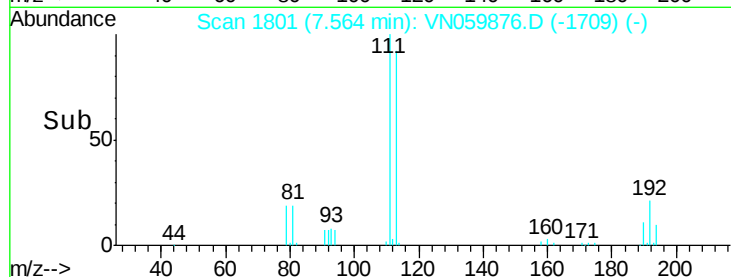
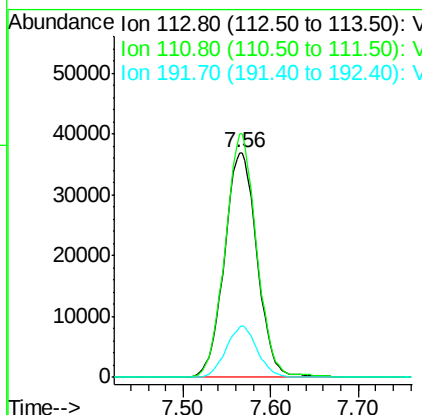
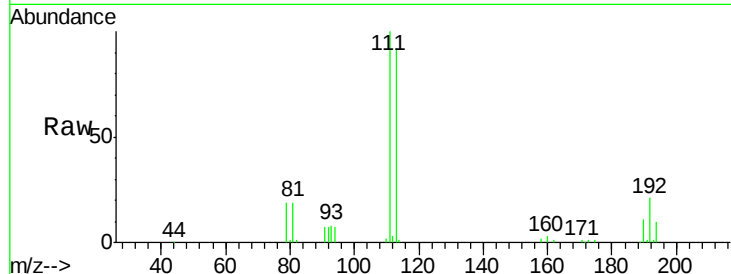




#35
 Dibromofluoromethane
 Concen: 49.568 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059876.D
 Acq: 27 Jan 2020 16:39

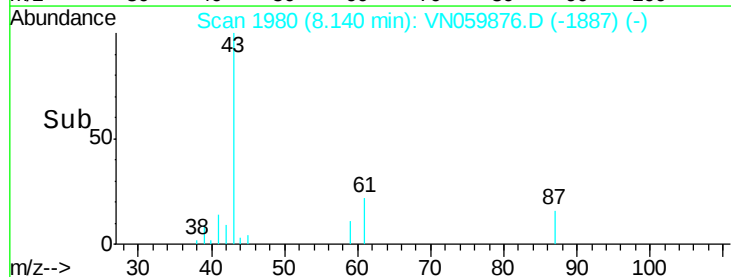
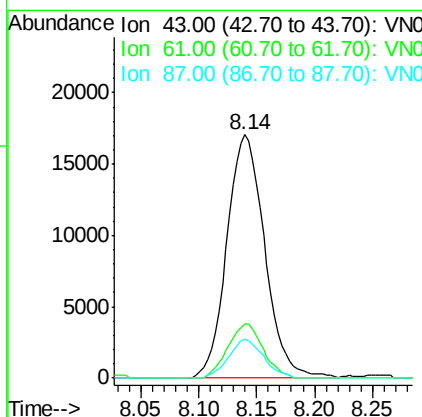
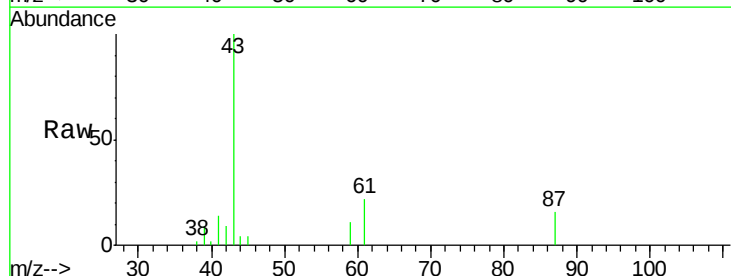
Instrument :
 MSVOA_N
 ClientSampleId :
 CTY-WC-S-SB-0203

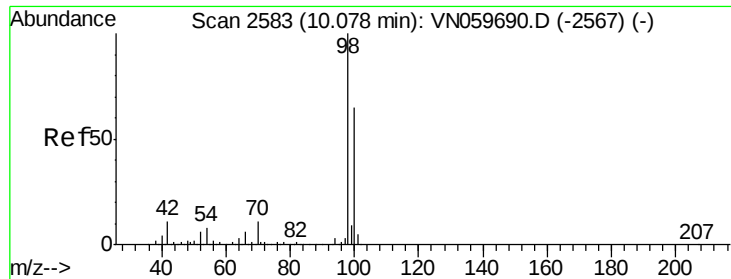
Tot Ion:113 Resp: 95423
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.5 125.3
 192 21.7 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 8.537 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059876.D
 Acq: 27 Jan 2020 16:39

Tgt Ion: 43 Resp: 38716
 Ion Ratio Lower Upper
 43 100
 61 20.6 20.2 30.2
 87 14.6 9.5 14.3#





#50

Toluene-d8

Concen: 50.702 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059876.D

Acq: 27 Jan 2020 16:39

Instrument :

MSVOA_N

ClientSampleId :

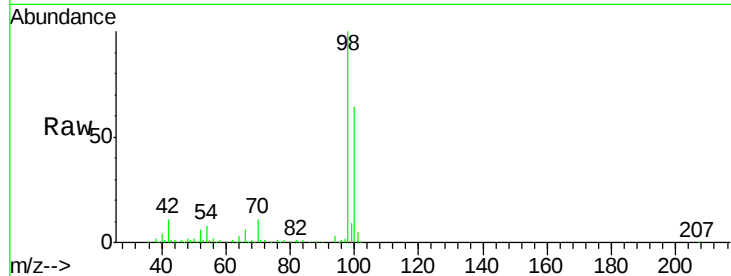
CTY-WC-S-SB-0203

Tot Ion: 98 Resp: 378180

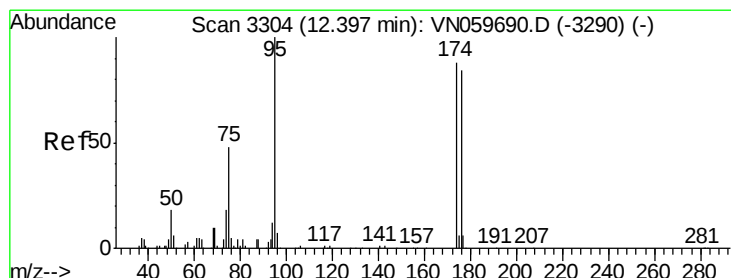
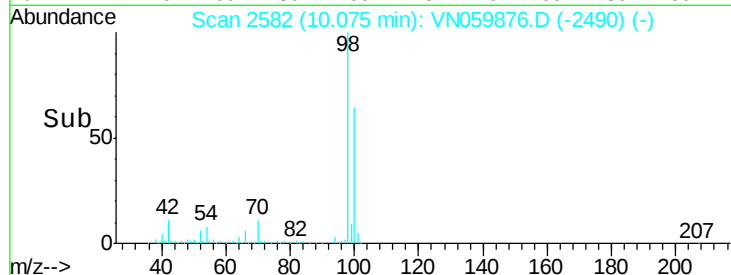
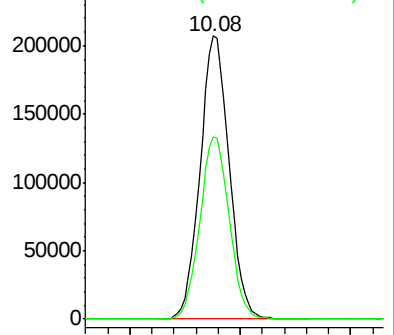
Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 44.437 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059876.D

Acq: 27 Jan 2020 16:39

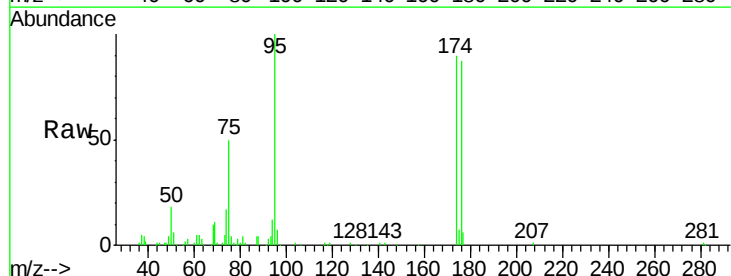
Tgt Ion: 95 Resp: 119487

Ion Ratio Lower Upper

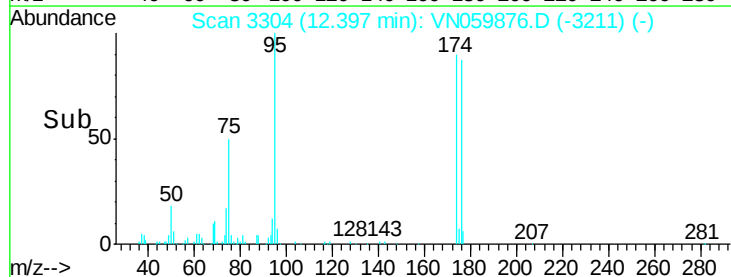
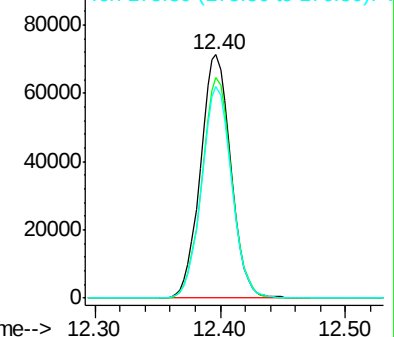
95 100

174 89.3 0.0 151.4

176 86.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)

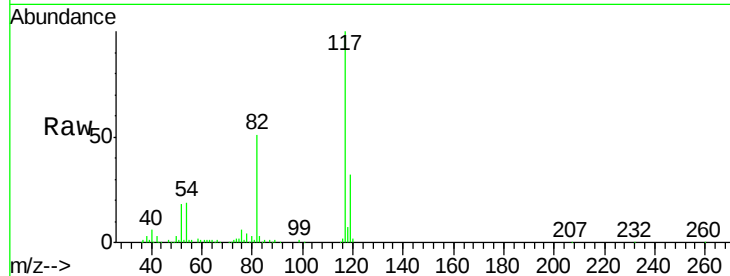




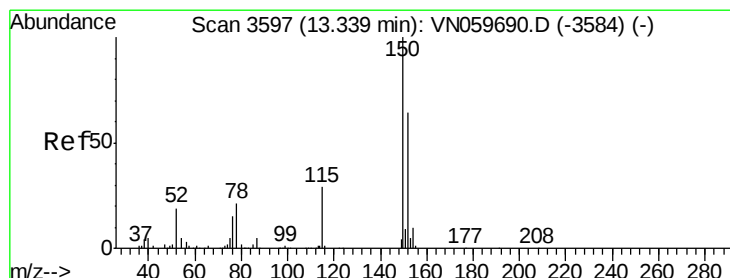
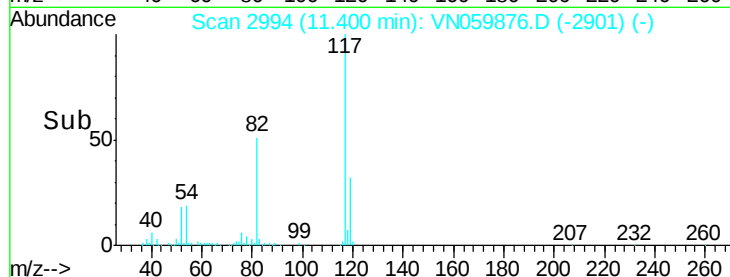
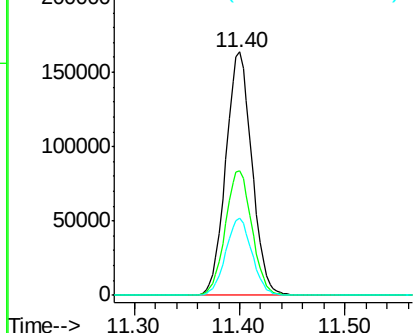
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059876.D
Acq: 27 Jan 2020 16:39

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

Tot Ion:117 Resp: 279945
Ion Ratio Lower Upper
117 100
82 51.4 45.9 68.9
119 31.5 25.5 38.3

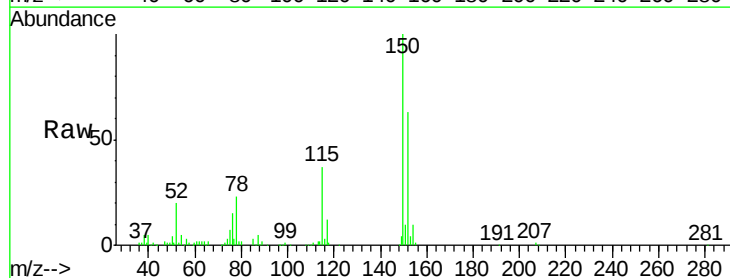


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059876.D
Acq: 27 Jan 2020 16:39

Tgt Ion:152 Resp: 108834
Ion Ratio Lower Upper
152 100
115 58.1 30.3 90.9
150 158.6 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

