

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
 Data File : VN060152.D
 Acq On : 19 Feb 2020 13:46
 Operator : JC/MD
 Sample : PB126910ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126910ZHE#04

Quant Time: Feb 20 03:03:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

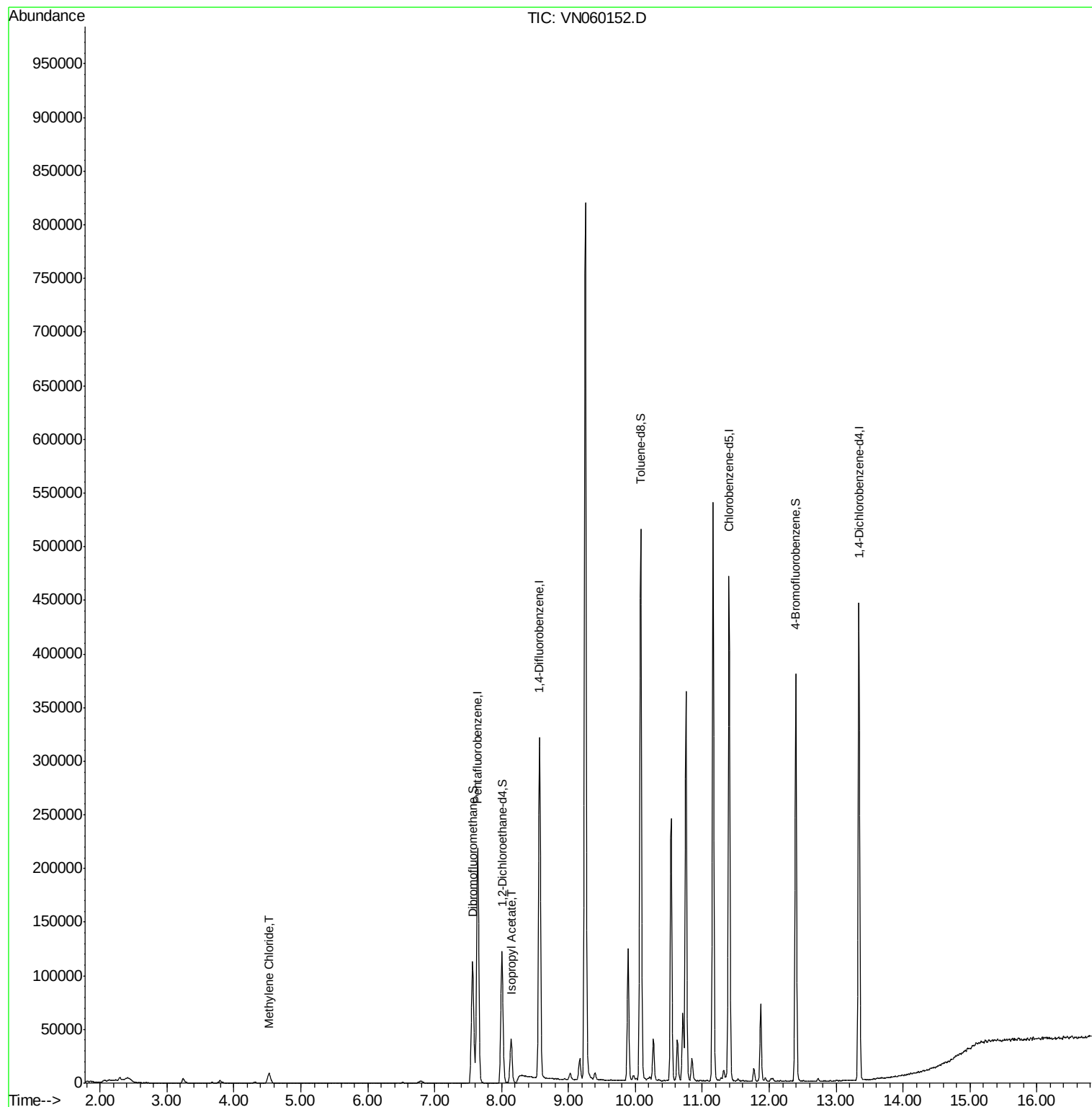
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	290303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	270879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106426	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	7.57	113	85036	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	10.08	98	349640	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	127225	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
Target Compounds						
20) Methylene Chloride	4.53	84	7342	3.820	ug/l	94
43) Isopropyl Acetate	8.14	43	48949	11.783	ug/l #	90

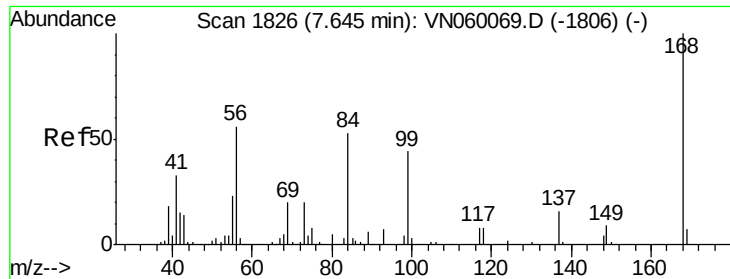
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060152.D

Acq: 19 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

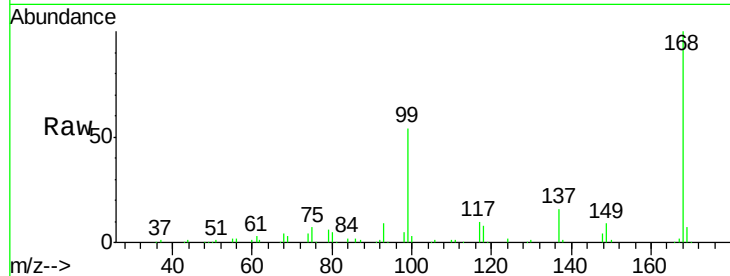
PB126910ZHE#04

Tot Ion:168 Resp: 181526

Ion Ratio Lower Upper

168 100

99 53.6 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

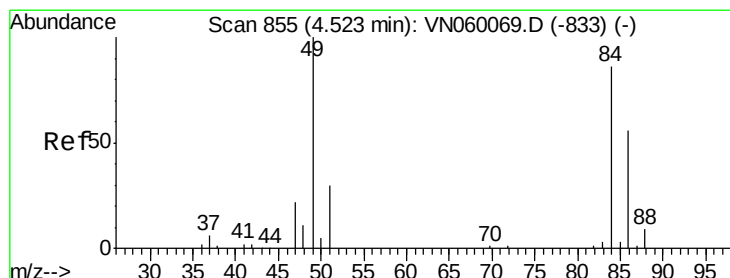
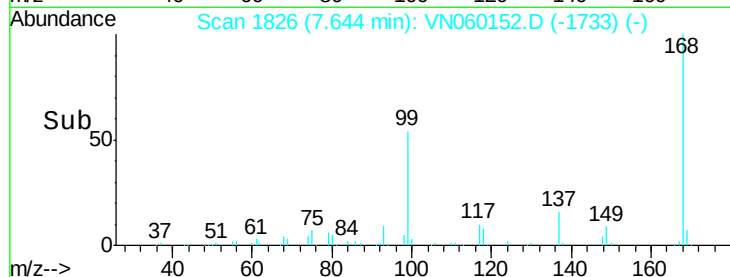
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 3.820 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060152.D

Acq: 19 Feb 2020 13:46

Tgt Ion: 84 Resp: 7342

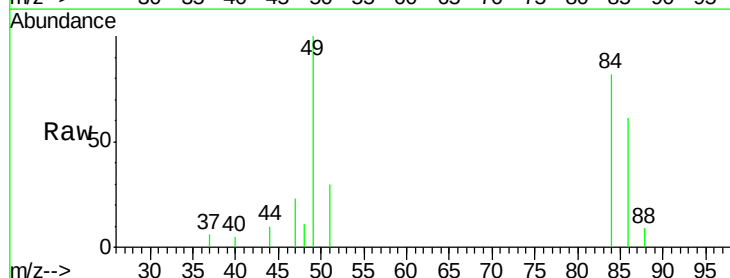
Ion Ratio Lower Upper

84 100

49 121.6 93.4 140.0

51 36.9 28.4 42.6

86 74.8 52.5 78.7



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

4000

3000

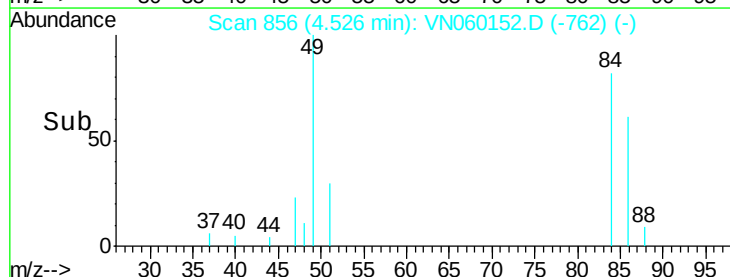
2000

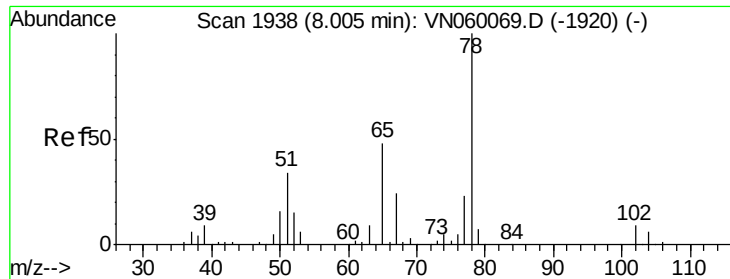
1000

0

4.45 4.50 4.55 4.60

Time-->

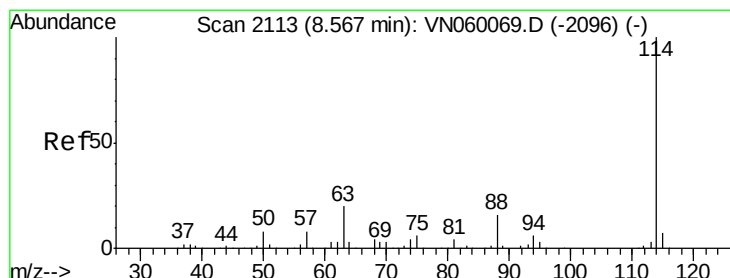
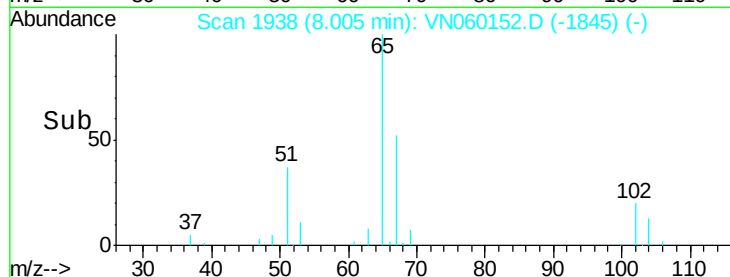
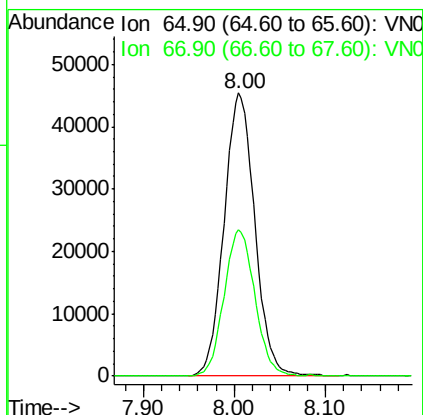
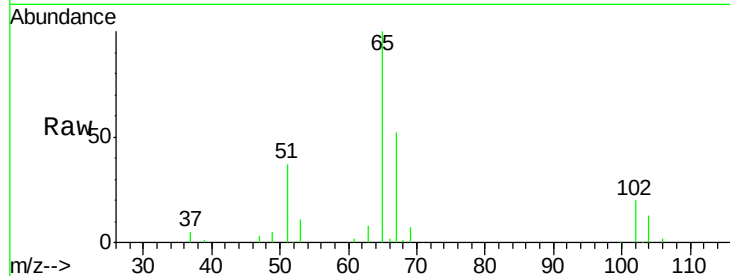




#33
 1,2-Dichloroethane-d4
 Concen: 48.181 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060152.D
 Acq: 19 Feb 2020 13:46

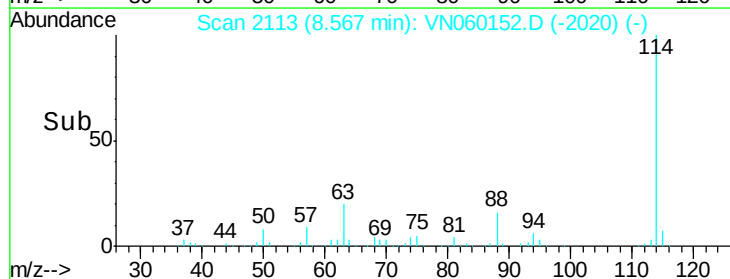
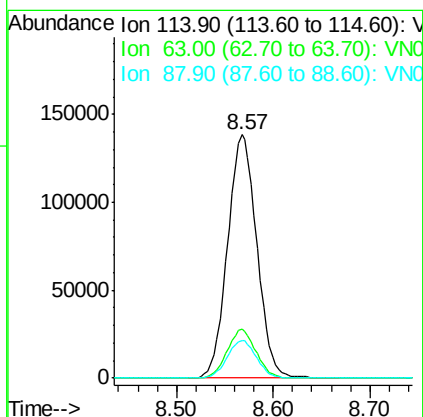
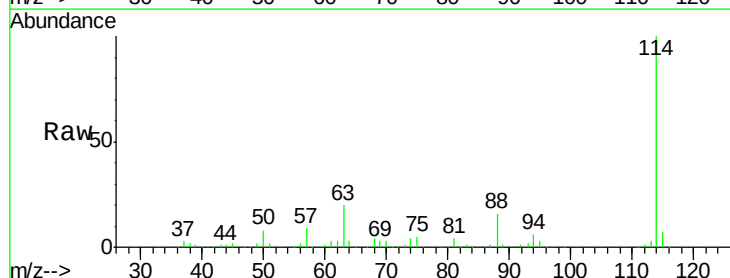
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126910ZHE#04

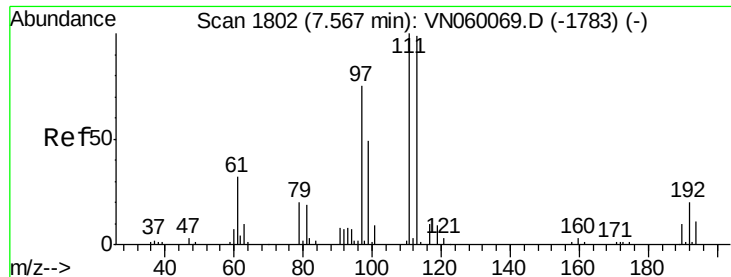
Tot Ion: 65 Resp: 106426
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060152.D
 Acq: 19 Feb 2020 13:46

Tgt Ion: 114 Resp: 290303
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.5 0.0 31.6

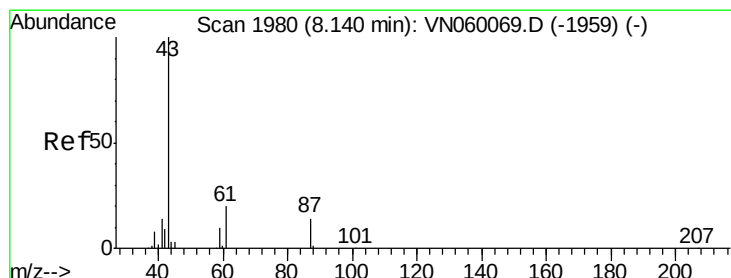
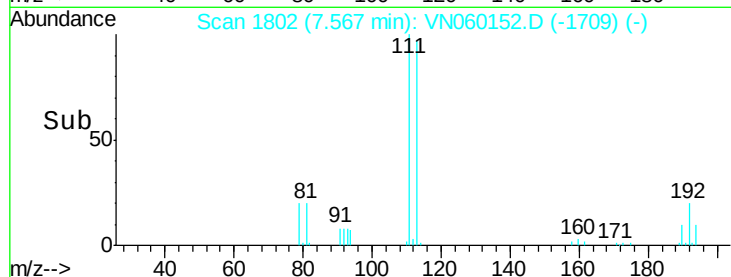
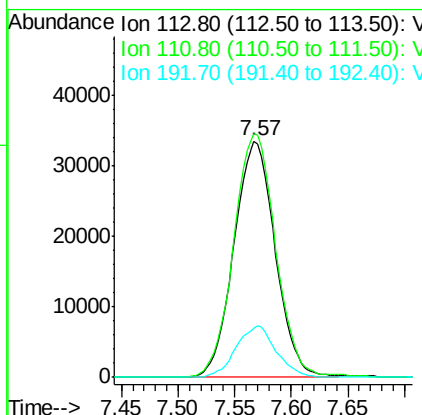
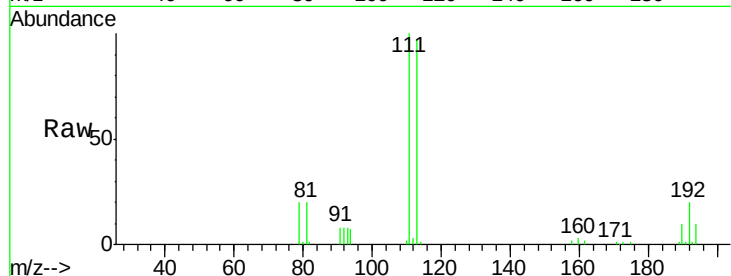




#35
 Dibromofluoromethane
 Concen: 47.653 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060152.D
 Acq: 19 Feb 2020 13:46

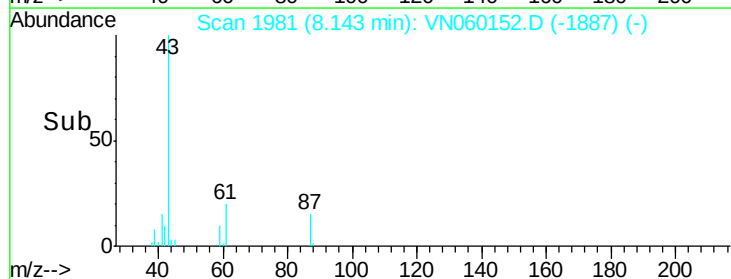
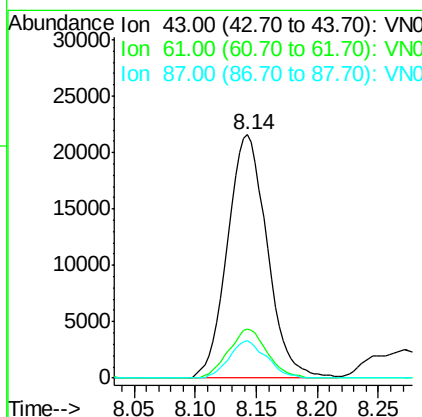
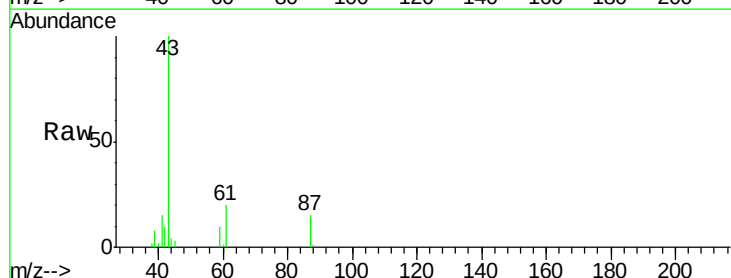
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126910ZHE#04

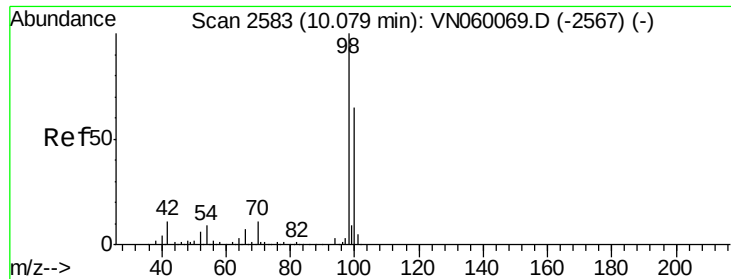
Tot Ion:113 Resp: 85036
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.4 122.2
 192 20.9 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 11.783 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060152.D
 Acq: 19 Feb 2020 13:46

Tgt Ion: 43 Resp: 48949
 Ion Ratio Lower Upper
 43 100
 61 19.5 21.8 32.6#
 87 14.3 11.4 17.2





#50

Toluene-d8

Concen: 49.755 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060152.D

Acq: 19 Feb 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

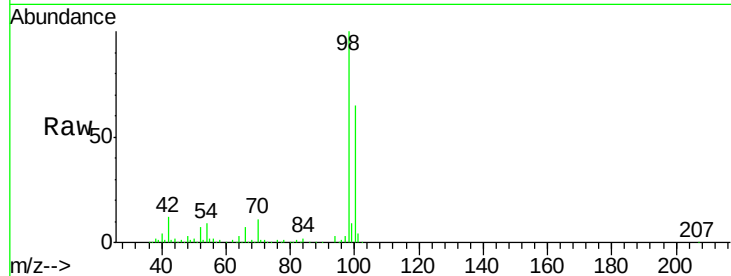
PB126910ZHE#04

Tot Ion: 98 Resp: 349640

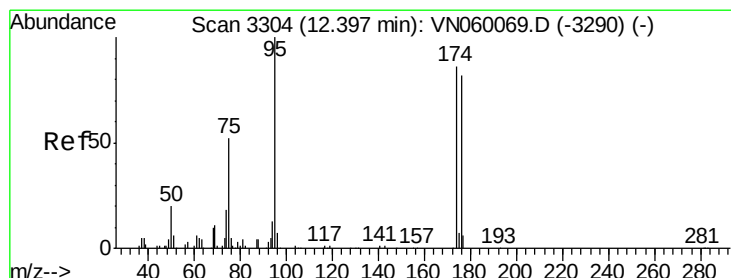
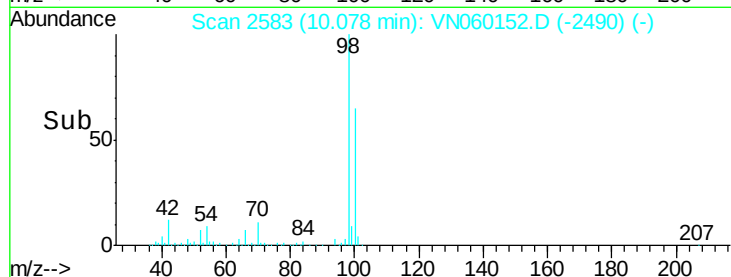
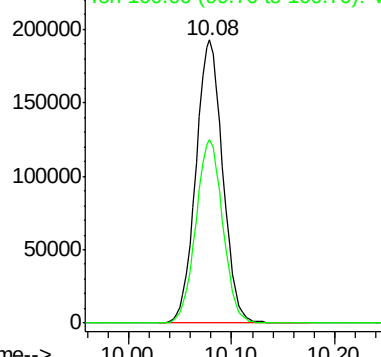
Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 49.270 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060152.D

Acq: 19 Feb 2020 13:46

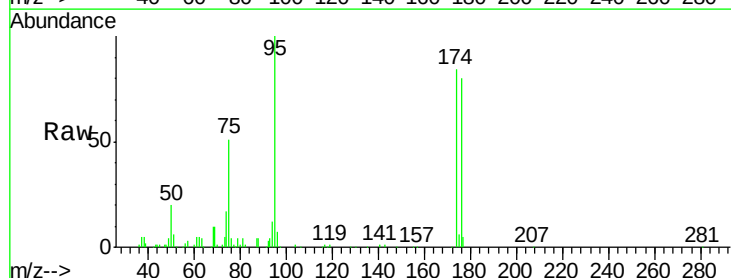
Tgt Ion: 95 Resp: 127225

Ion Ratio Lower Upper

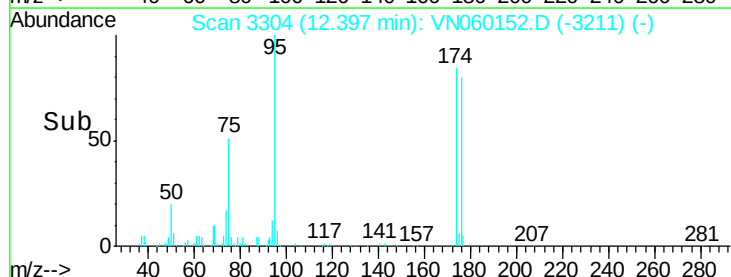
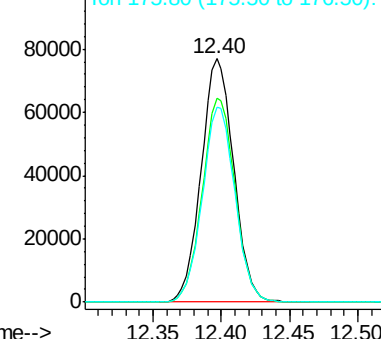
95 100

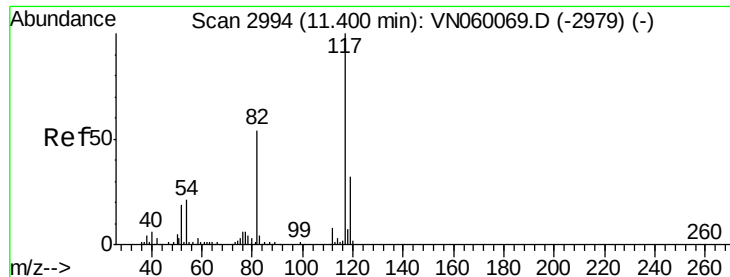
174 84.3 0.0 169.8

176 80.6 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

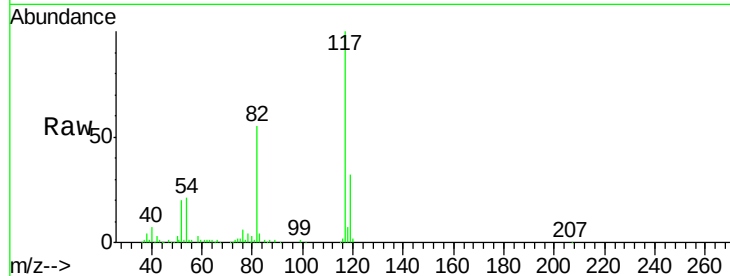




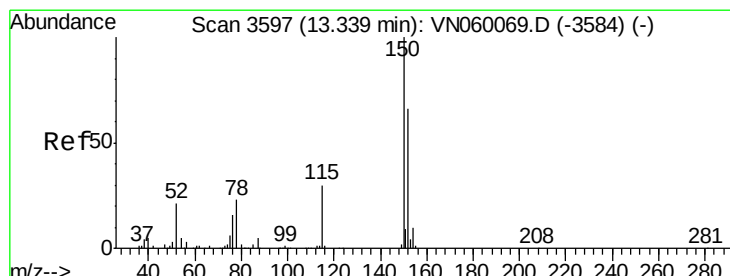
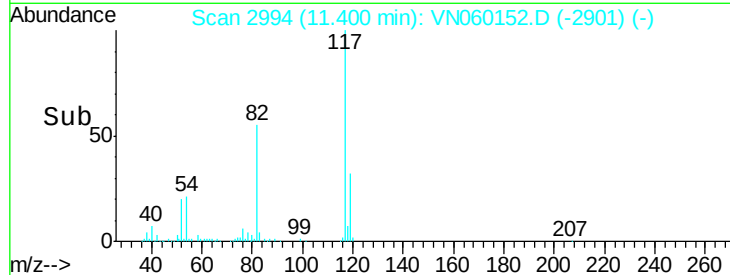
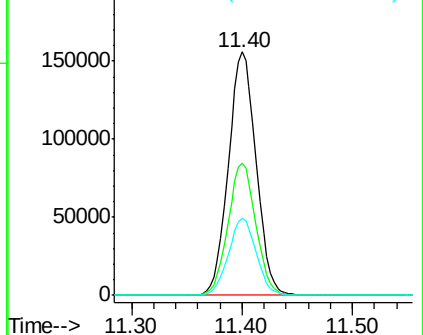
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060152.D
Acq: 19 Feb 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
PB126910ZHE#04

Tot Ion:117 Resp: 270879
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.6 25.8 38.6

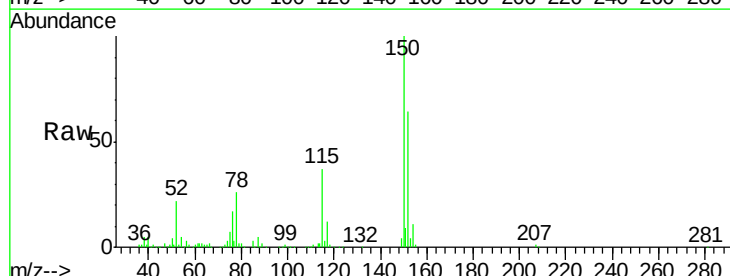


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060152.D
Acq: 19 Feb 2020 13:46

Tgt Ion:152 Resp: 121108
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 155.9 0.0 342.4



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

