

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060634.D
 Acq On : 19 Mar 2020 14:15
 Operator : JC/MD
 Sample : PB127661ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661ZHE#06

Quant Time: Mar 20 07:26:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

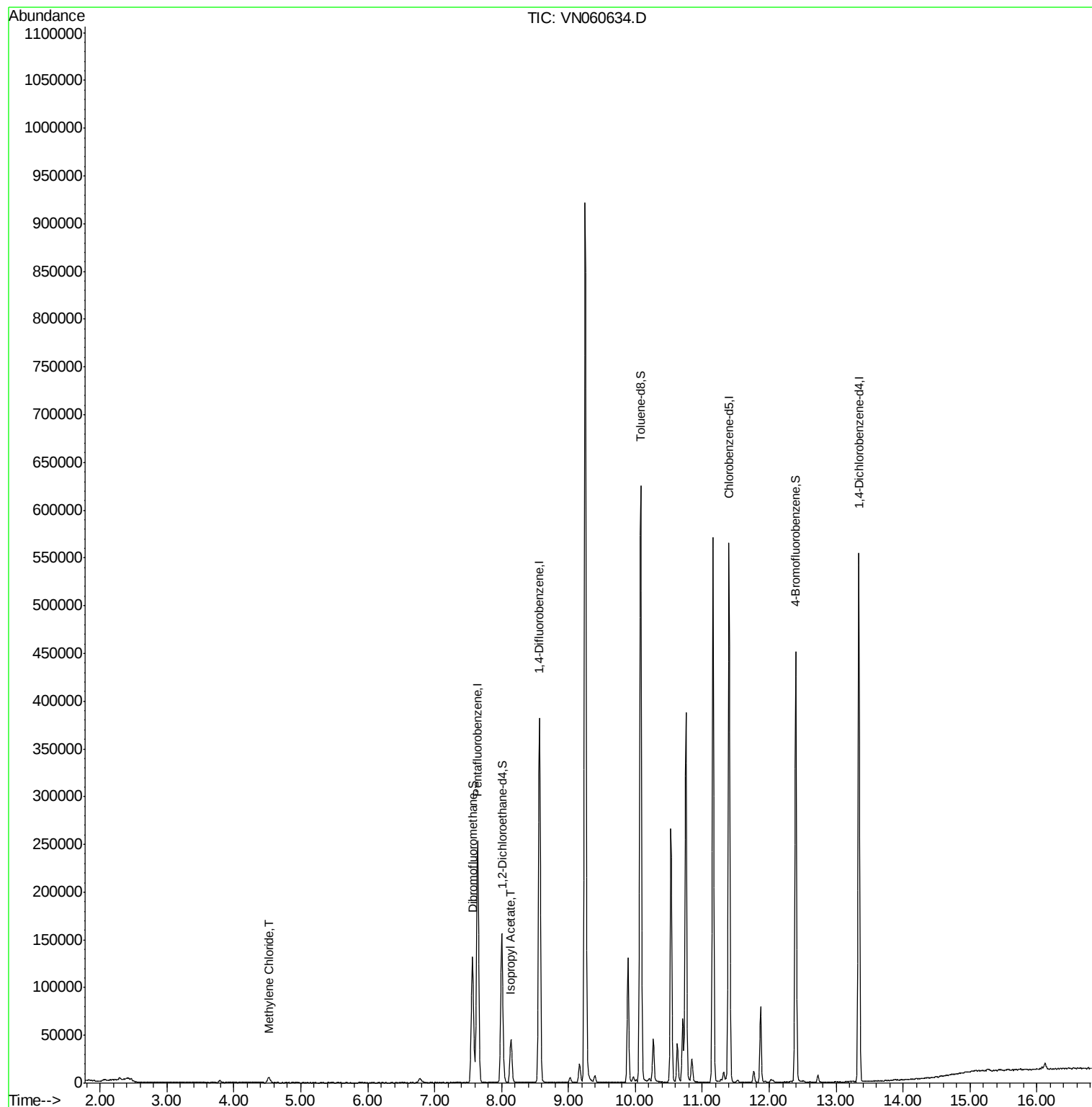
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	341517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132673	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
35) Dibromofluoromethane	7.56	113	100273	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.08	98	426884	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	158448	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
Target Compounds						
20) Methylene Chloride	4.52	84	4471	1.820	ug/l	93
43) Isopropyl Acetate	8.14	43	55610	9.437	ug/l #	91

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060634.D

Acq: 19 Mar 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

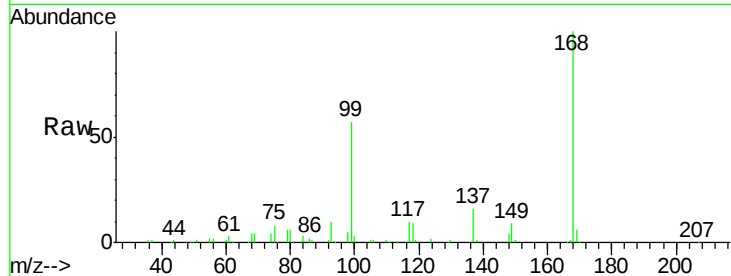
PB127661ZHE#06

Tot Ion:168 Resp: 205355

Ion Ratio Lower Upper

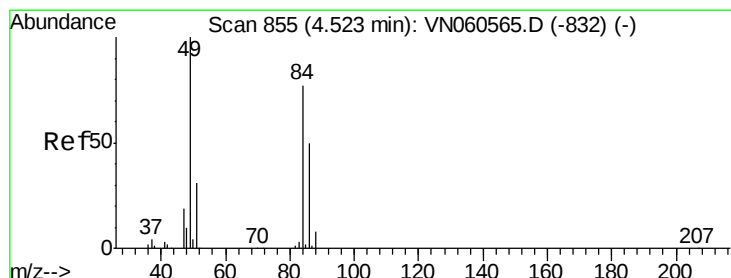
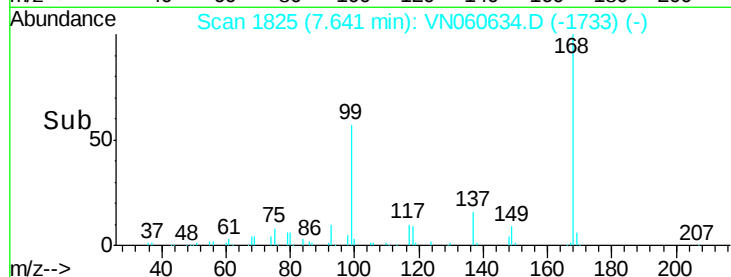
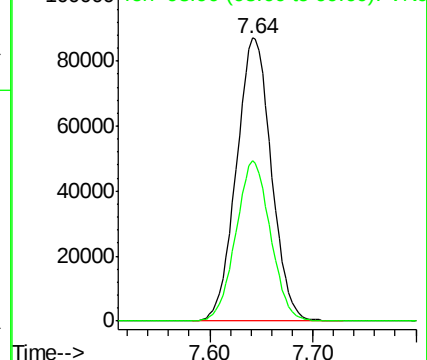
168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.820 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060634.D

Acq: 19 Mar 2020 14:15

Tgt Ion: 84 Resp: 4471

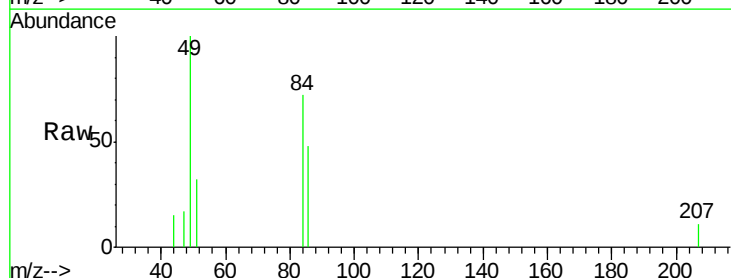
Ion Ratio Lower Upper

84 100

49 138.8 103.3 154.9

51 44.8 31.6 47.4

86 66.9 52.0 78.0

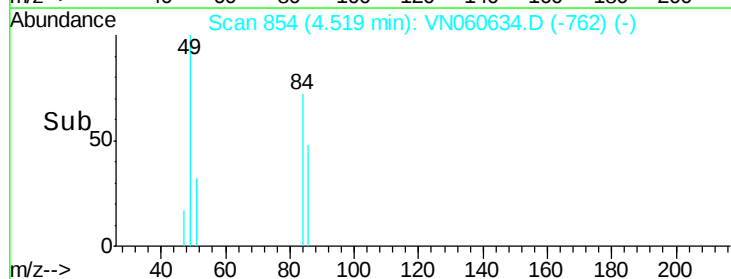
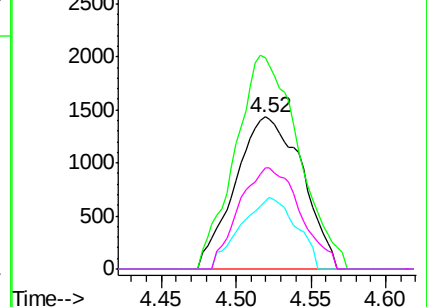


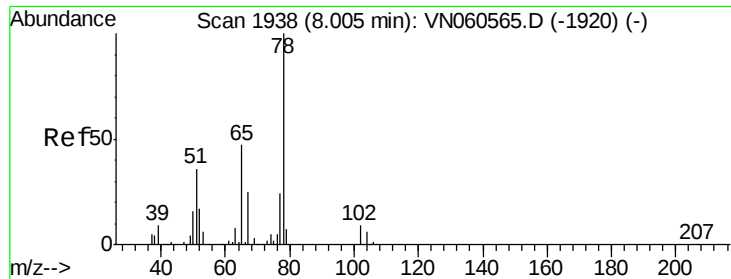
Abundance Ion 83.90 (83.60 to 84.60): VNO

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





#33

1,2-Dichloroethane-d4

Concen: 47.063 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060634.D

Acq: 19 Mar 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

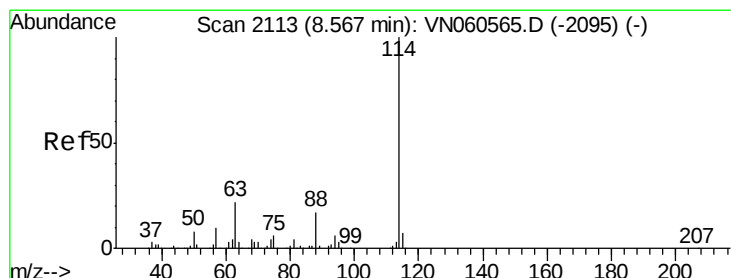
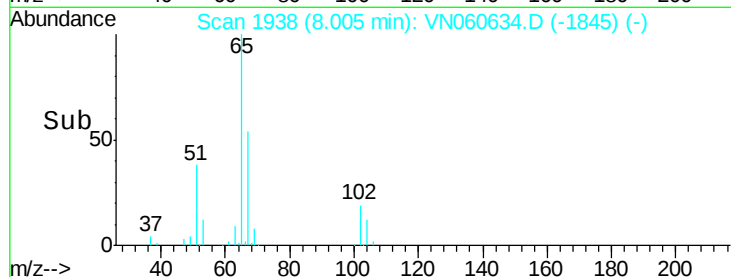
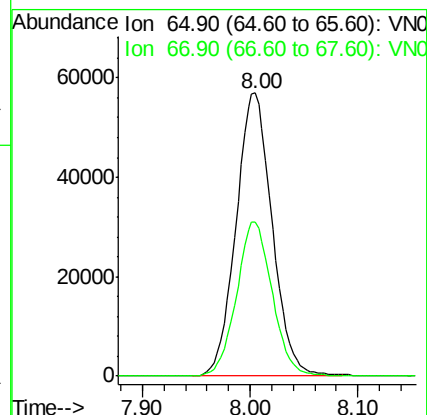
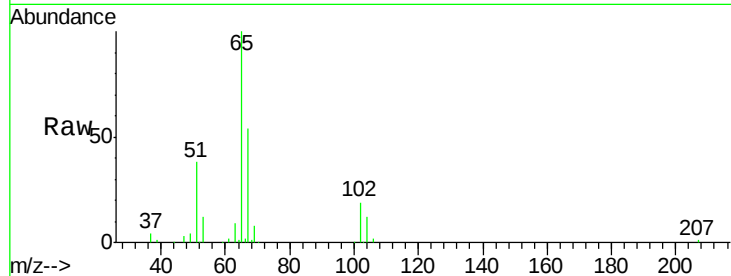
PB127661ZHE#06

Tot Ion: 65 Resp: 132673

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060634.D

Acq: 19 Mar 2020 14:15

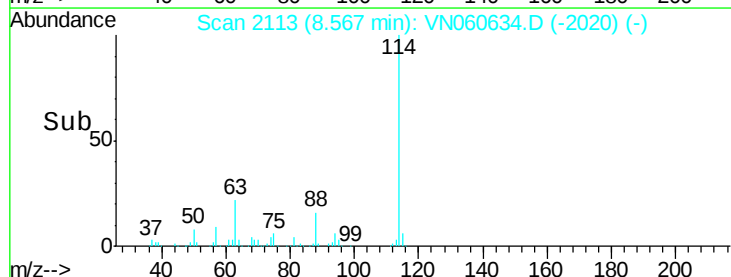
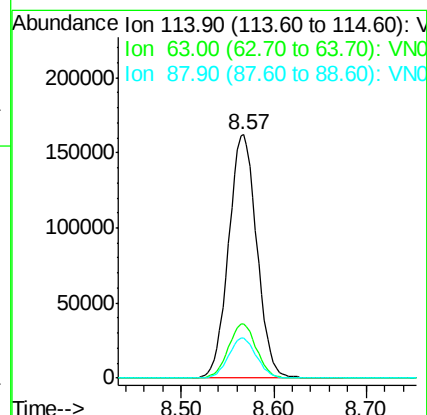
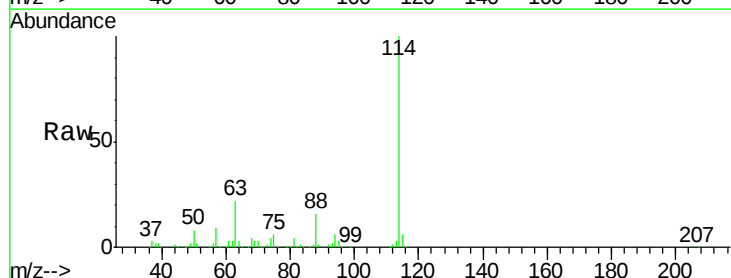
Tgt Ion: 114 Resp: 341517

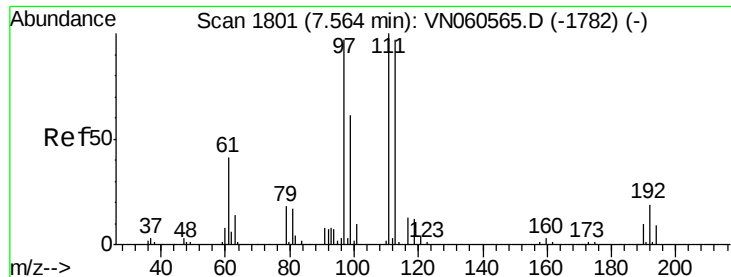
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 16.3 0.0 33.0

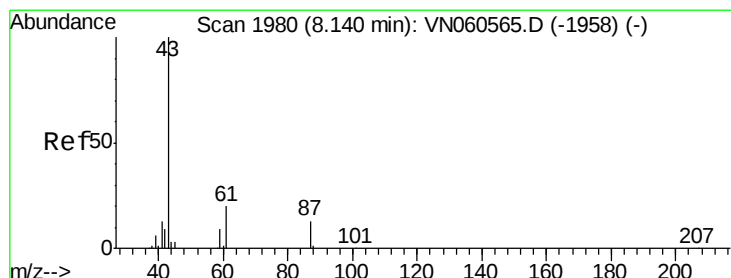
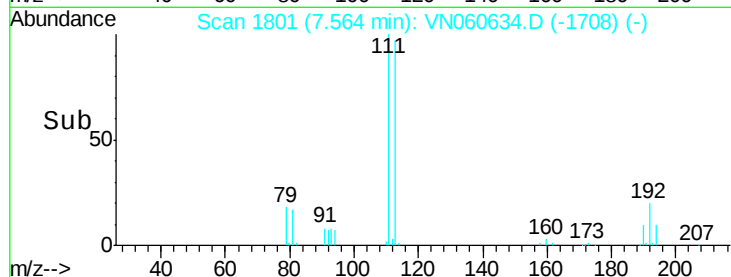
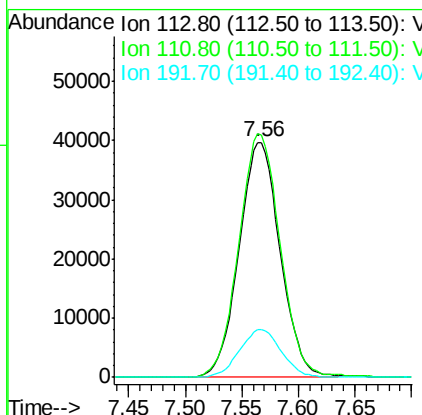
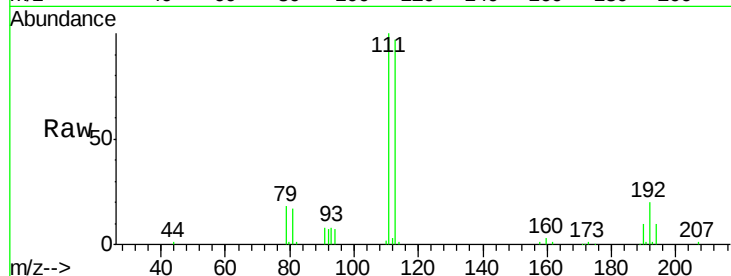




#35
 Dibromofluoromethane
 Concen: 48.557 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060634.D
 Acq: 19 Mar 2020 14:15

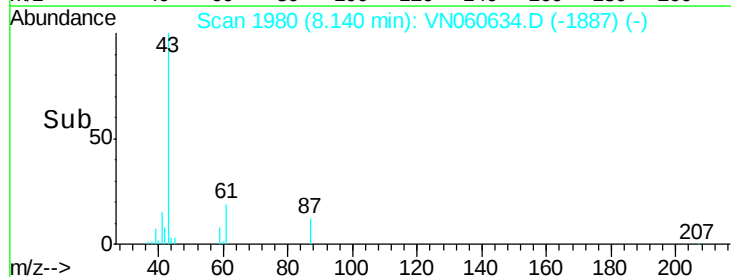
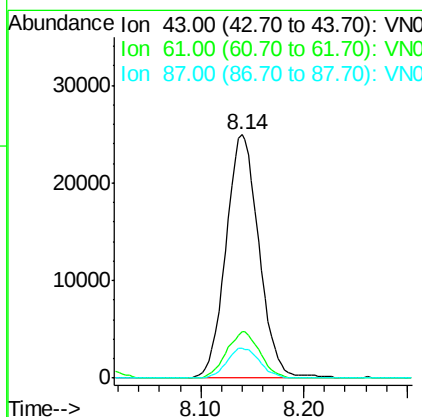
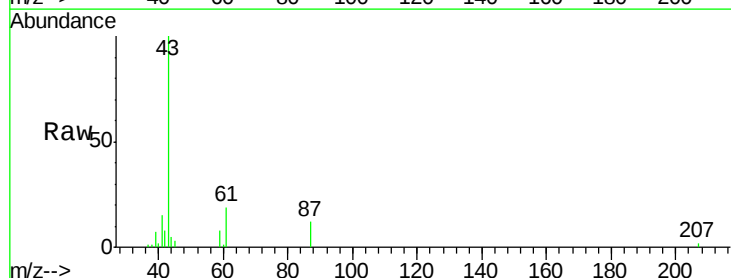
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661ZHE#06

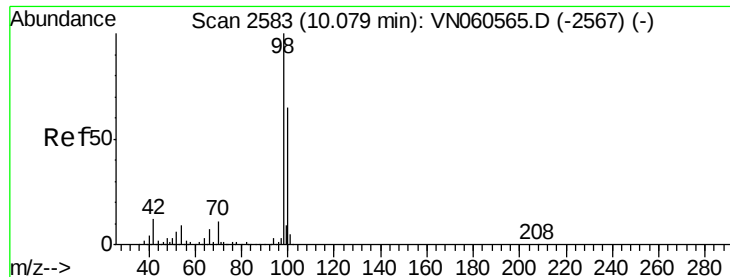
Tot Ion:113 Resp: 100273
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.9 124.3
 192 20.6 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 9.437 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060634.D
 Acq: 19 Mar 2020 14:15

Tgt Ion: 43 Resp: 55610
 Ion Ratio Lower Upper
 43 100
 61 19.1 20.7 31.1#
 87 12.0 9.8 14.8





#50

Toluene-d8

Concen: 50.609 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060634.D

Acq: 19 Mar 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

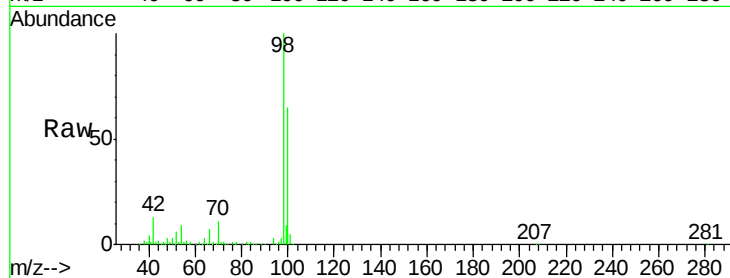
PB127661ZHE#06

Tot Ion: 98 Resp: 426884

Ion Ratio Lower Upper

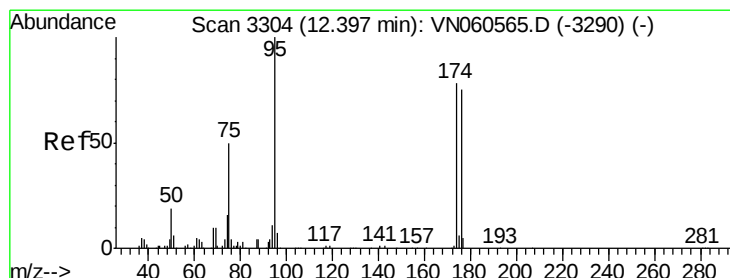
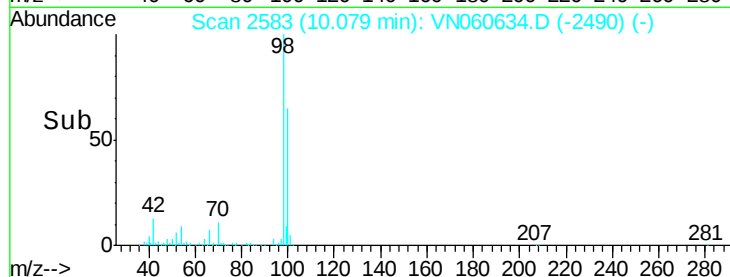
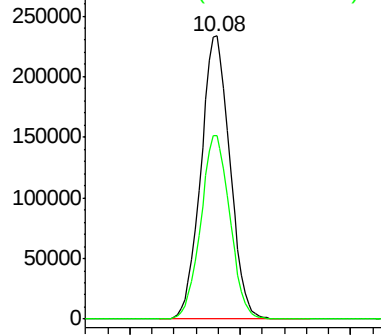
98 100

100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.257 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060634.D

Acq: 19 Mar 2020 14:15

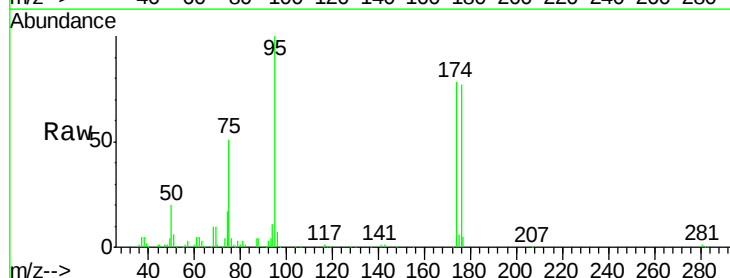
Tgt Ion: 95 Resp: 158448

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

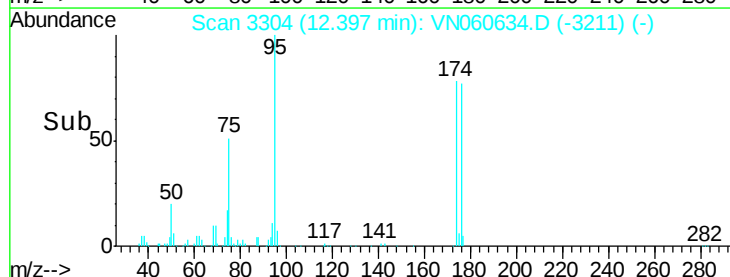
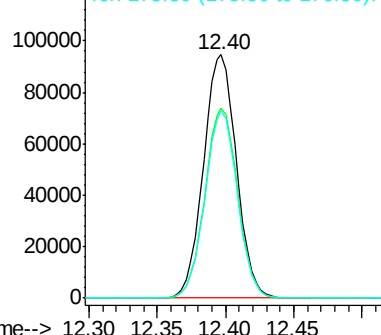
176 75.7 0.0 150.6

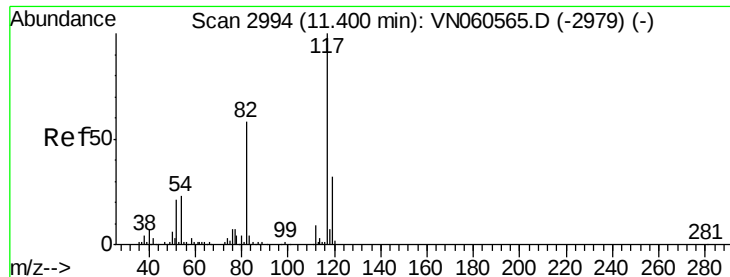


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

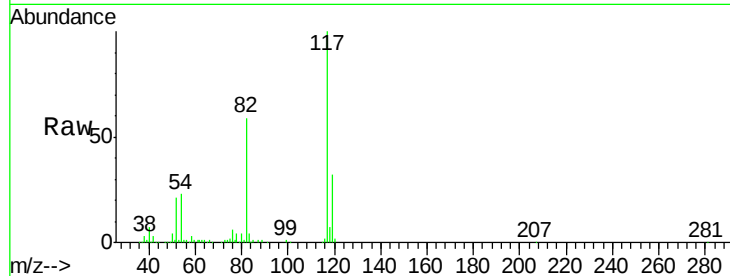




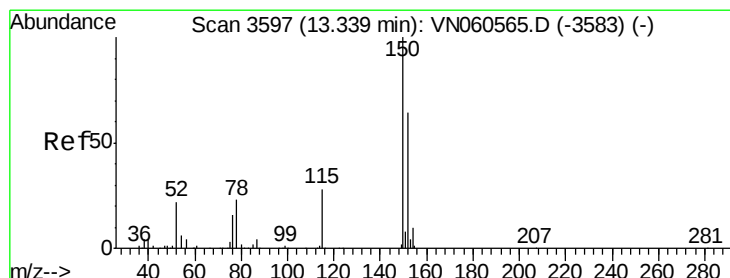
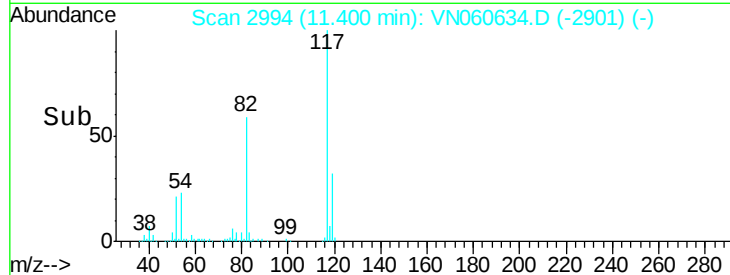
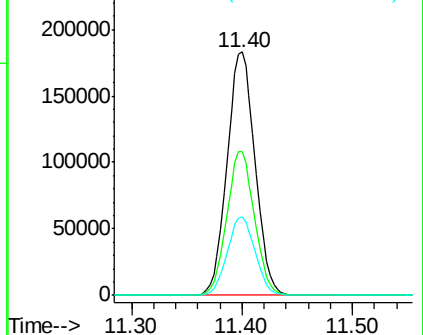
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060634.D
Acq: 19 Mar 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
PB127661ZHE#06

Tot Ion:117 Resp: 321750
Ion Ratio Lower Upper
117 100
82 59.1 46.7 70.1
119 32.1 25.5 38.3

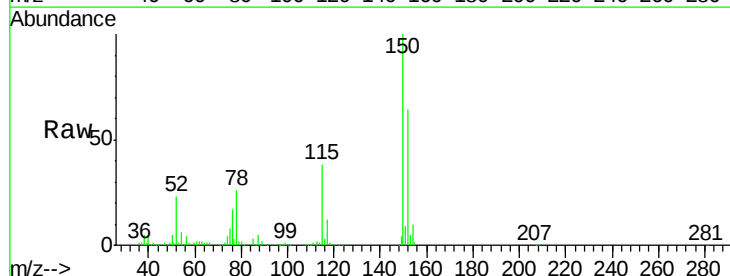


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060634.D
Acq: 19 Mar 2020 14:15

Tgt Ion:152 Resp: 145505
Ion Ratio Lower Upper
152 100
115 59.9 30.2 90.6
150 157.6 0.0 350.2



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

