

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060900.D
 Acq On : 8 Apr 2020 14:54
 Operator : JC/MD
 Sample : PB128091ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128091ZHE#04

Quant Time: Apr 09 08:58:16 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

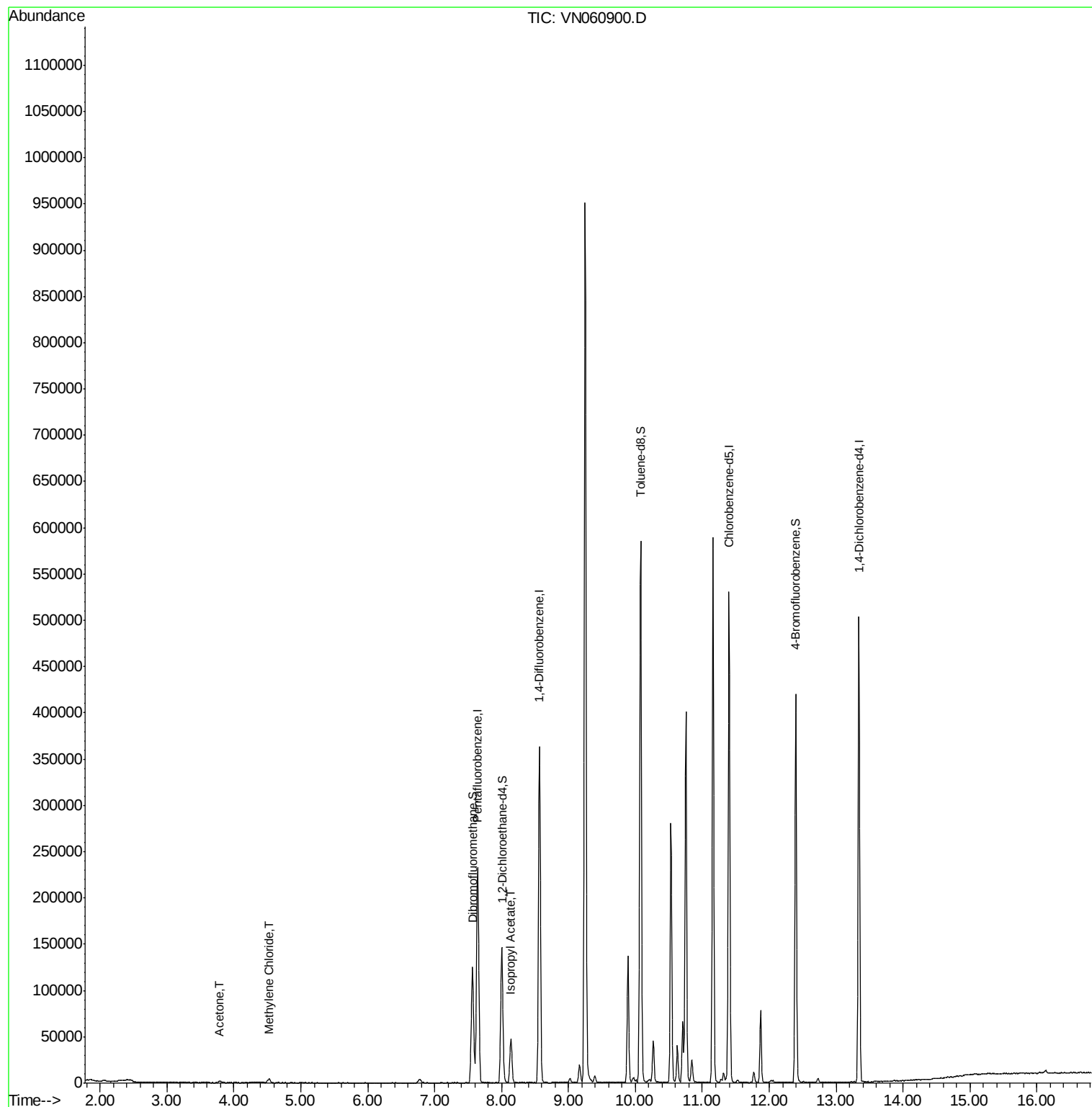
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125160	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	7.56	113	96123	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	10.08	98	399040	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	146796	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
Target Compounds						
16) Acetone	3.79	43	3543	3.787	ug/l	90
20) Methylene Chloride	4.53	84	3254	1.414	ug/l	96
43) Isopropyl Acetate	8.14	43	57535	10.411	ug/l #	91

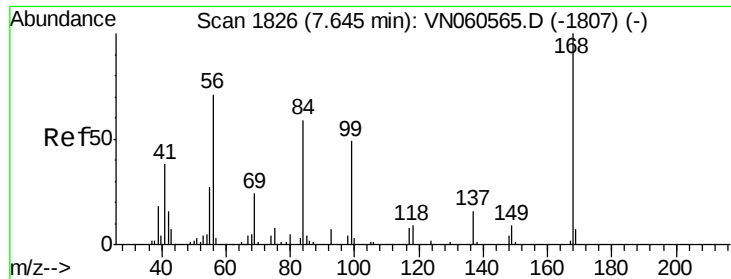
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060900.D

Acq: 8 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

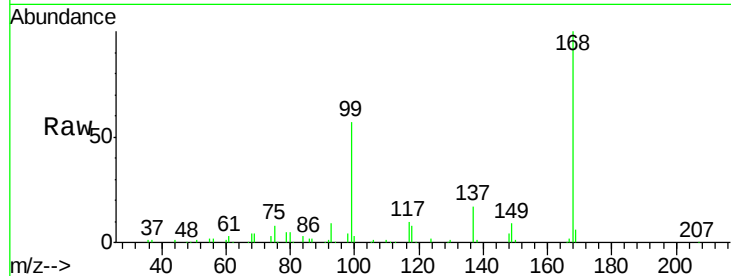
PB128091ZHE#04

Tot Ion:168 Resp: 192393

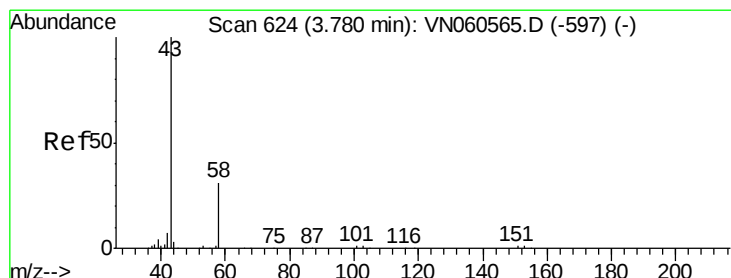
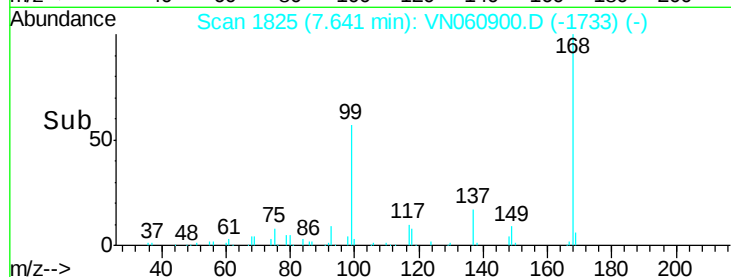
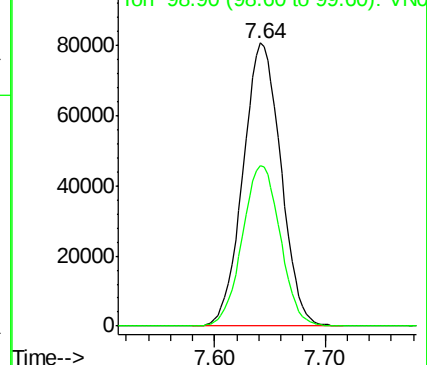
Ion Ratio Lower Upper

168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060900.D (-1733) (-)



#16

Acetone

Concen: 3.787 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060900.D

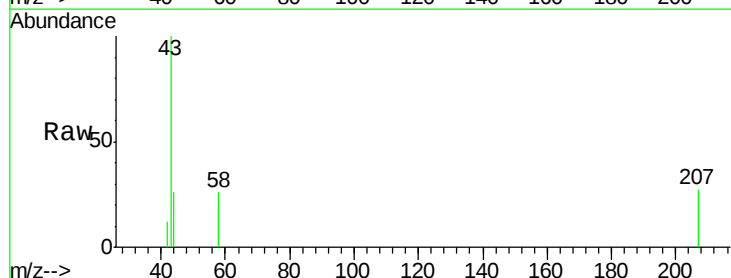
Acq: 8 Apr 2020 14:54

Tgt Ion: 43 Resp: 3543

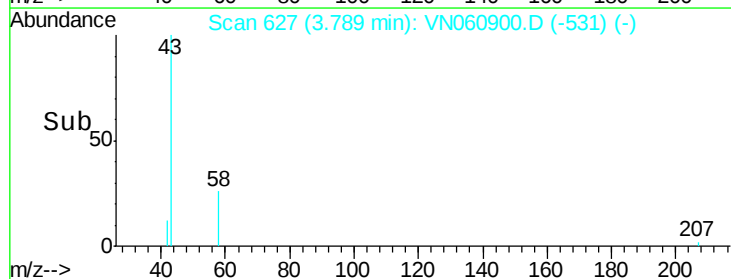
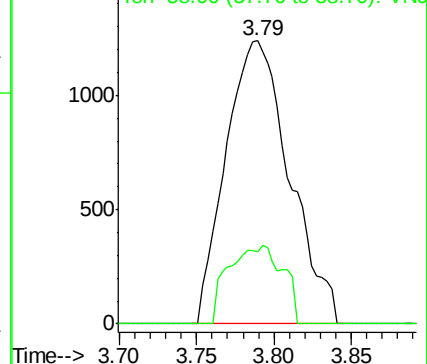
Ion Ratio Lower Upper

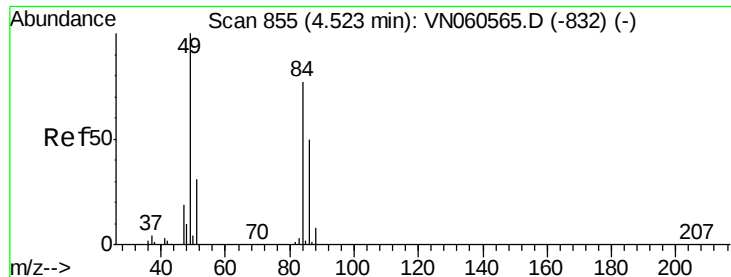
43 100

58 25.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060900.D (-531) (-)

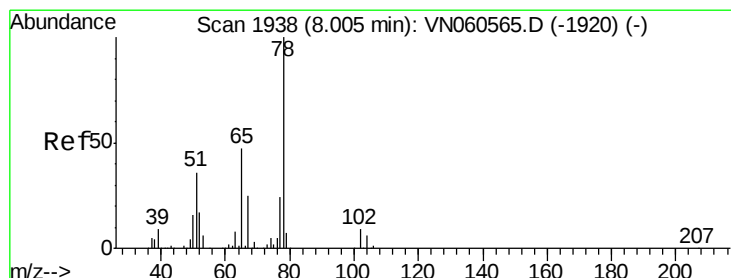
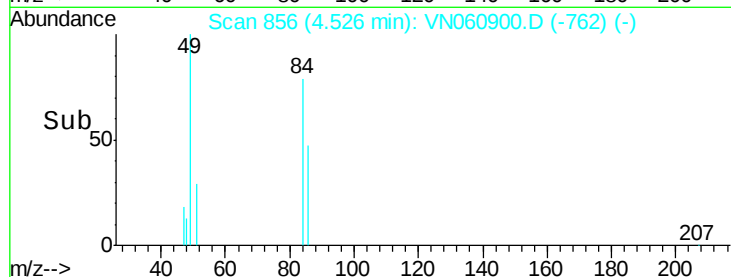
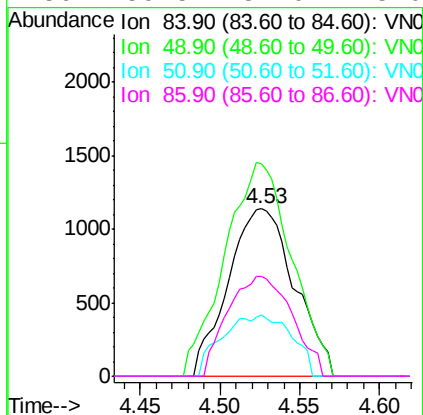
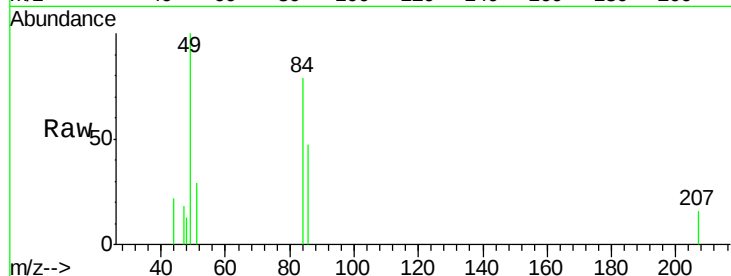




#20
Methylene Chloride
Concen: 1.414 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060900.D
Acq: 8 Apr 2020 14:54

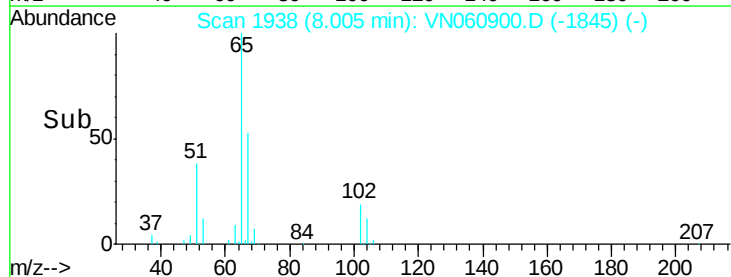
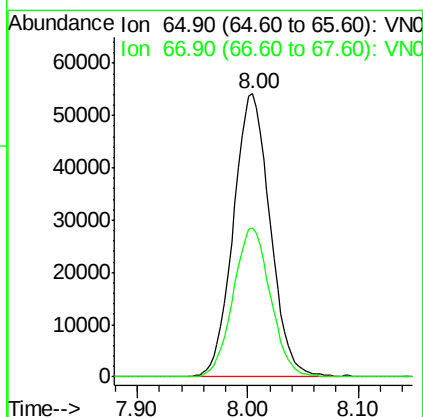
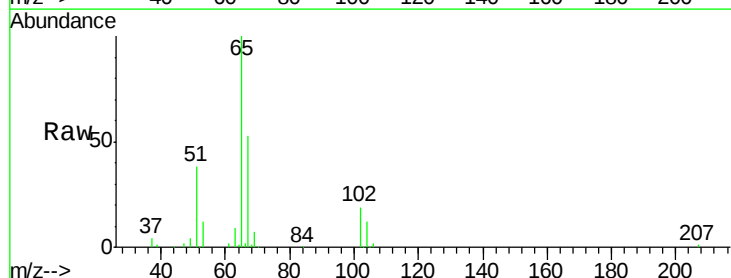
Instrument :
MSVOA_N
ClientSampleId :
PB128091ZHE#04

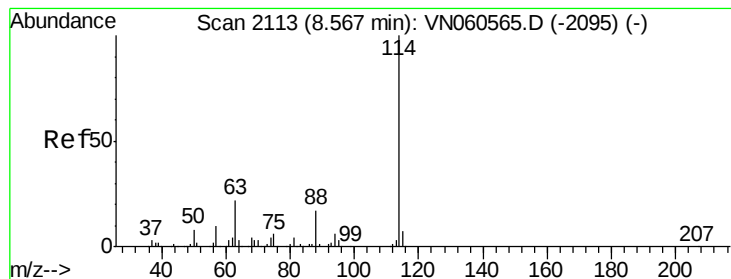
Tot Ion: 84 Resp: 3254
Ion Ratio Lower Upper
84 100
49 126.7 103.3 154.9
51 36.4 31.6 47.4
86 59.5 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.389 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060900.D
Acq: 8 Apr 2020 14:54

Tgt Ion: 65 Resp: 125160
Ion Ratio Lower Upper
65 100
67 53.3 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: VN060900.D

Acq: 8 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#04

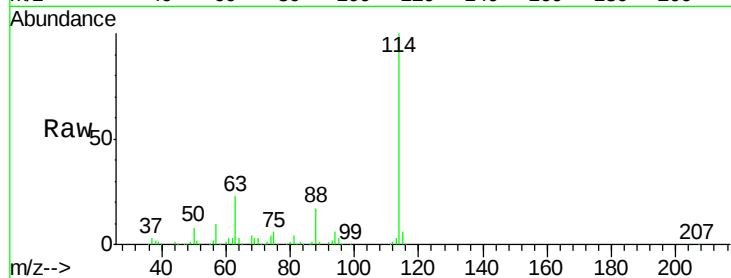
Tot Ion:114 Resp: 320276

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

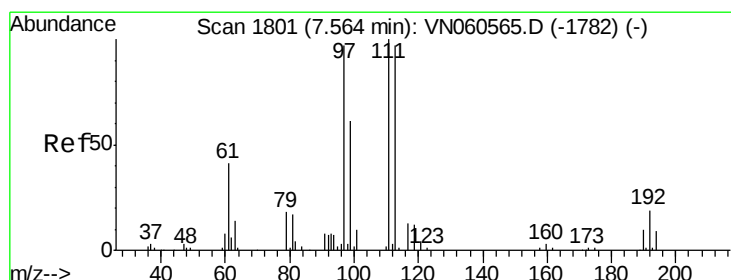
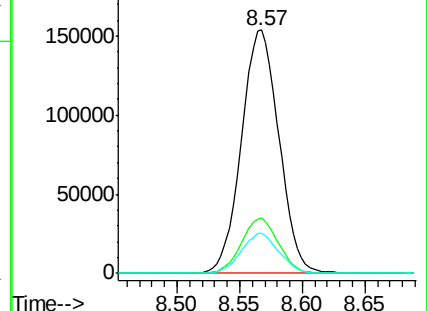
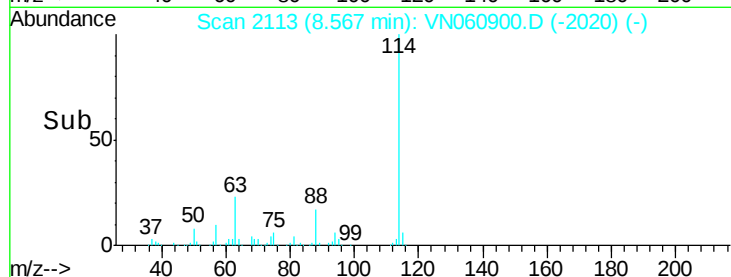
88 16.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.635 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060900.D

Acq: 8 Apr 2020 14:54

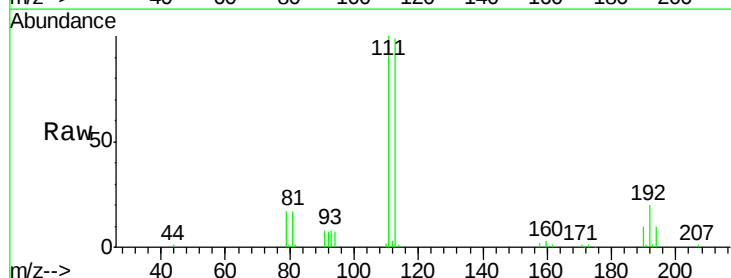
Tgt Ion:113 Resp: 96123

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

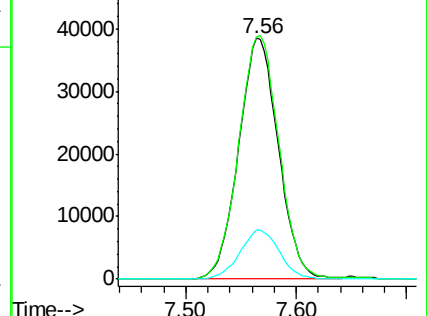
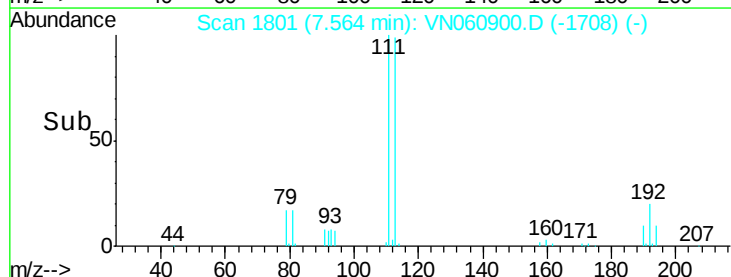
192 20.3 15.8 23.8

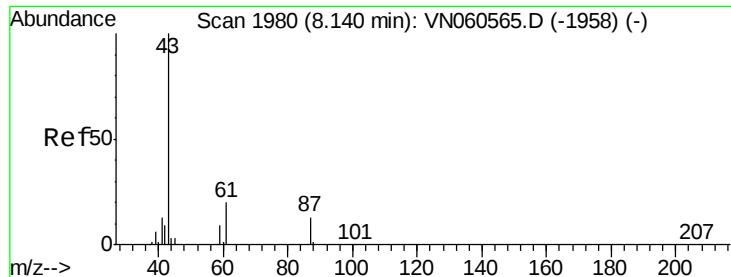


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.411 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060900.D

Acq: 8 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#04

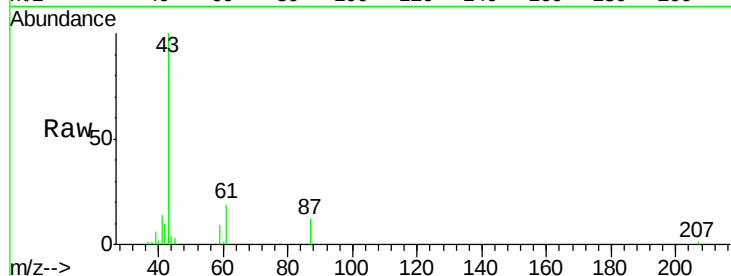
Tot Ion: 43 Resp: 57535

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

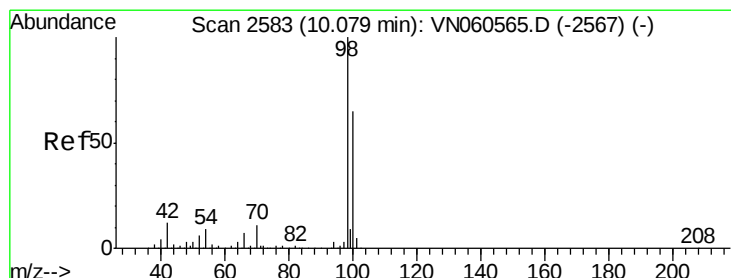
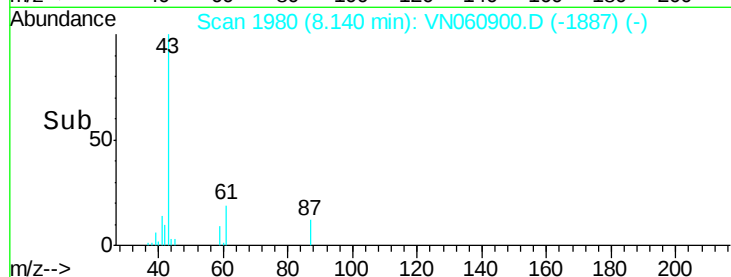
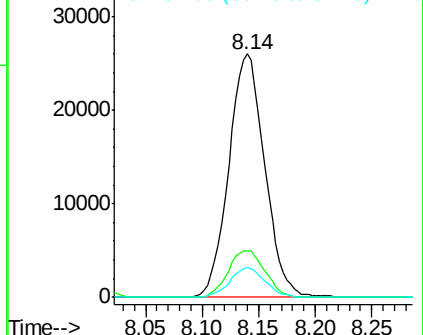
87 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060900.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060900.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060900.D (-1887) (-)



#50

Toluene-d8

Concen: 50.446 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060900.D

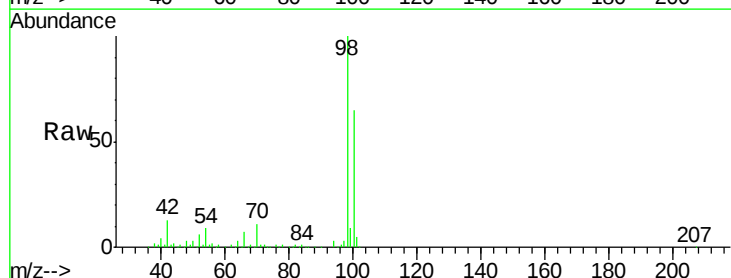
Acq: 8 Apr 2020 14:54

Tgt Ion: 98 Resp: 399040

Ion Ratio Lower Upper

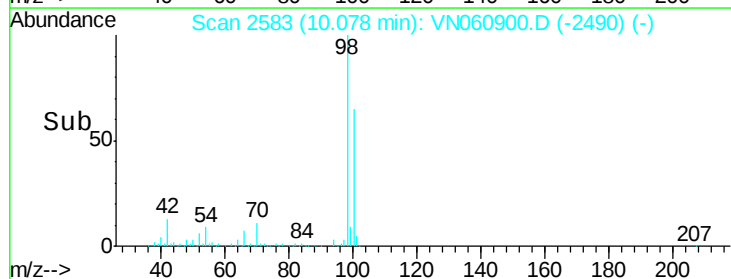
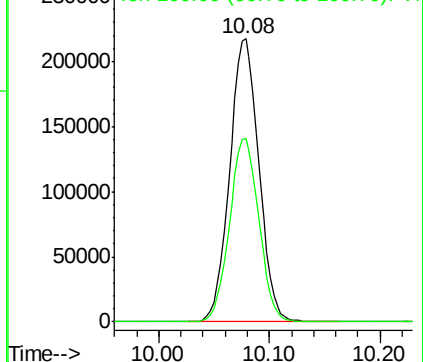
98 100

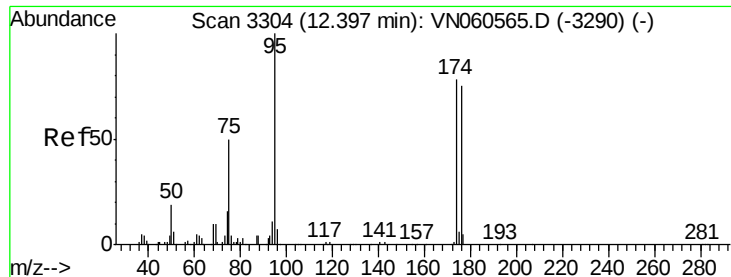
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060900.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060900.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 50.637 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060900.D

Acq: 8 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#04

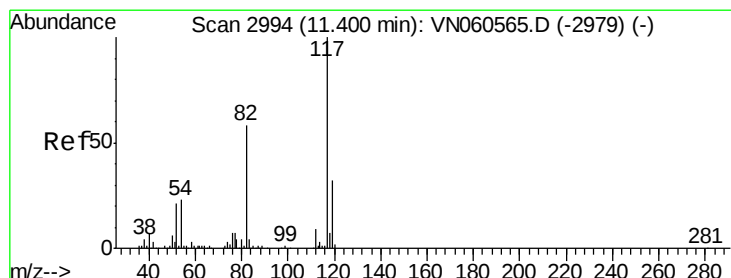
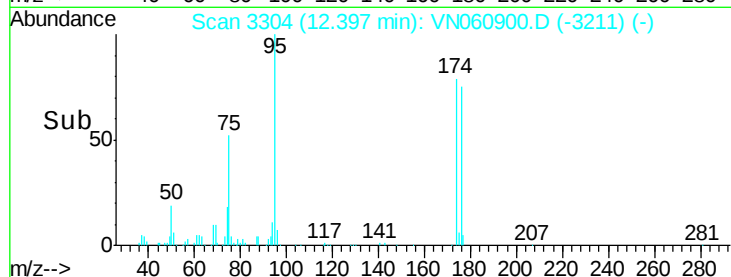
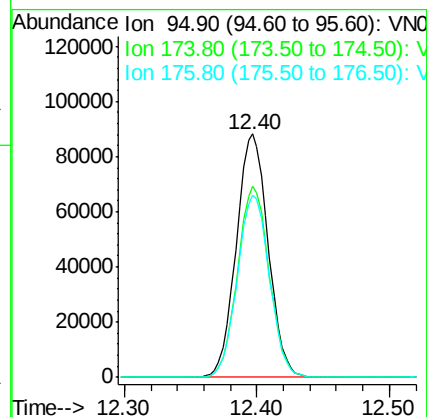
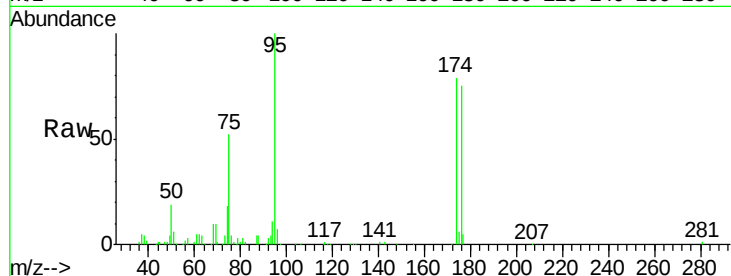
Tot Ion: 95 Resp: 146796

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.6

176 75.6 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060900.D

Acq: 8 Apr 2020 14:54

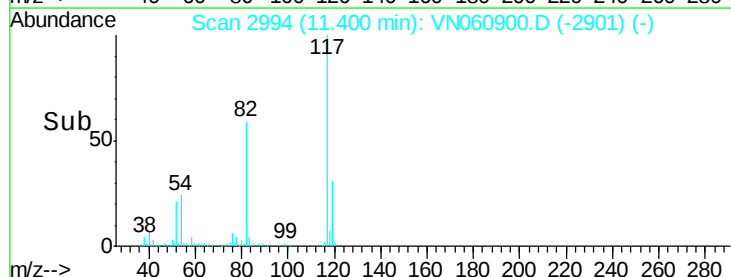
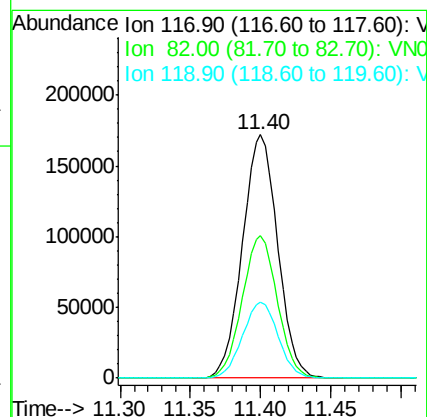
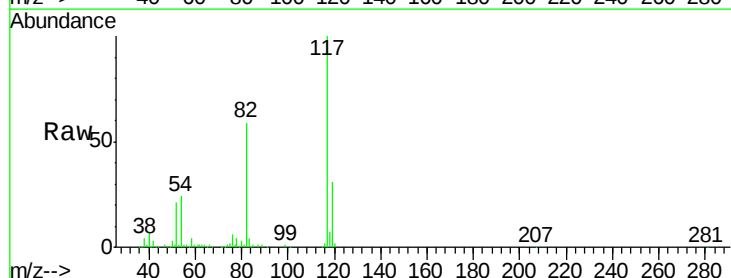
Tgt Ion: 117 Resp: 301250

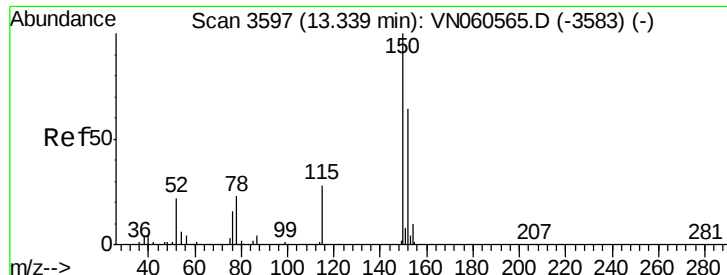
Ion Ratio Lower Upper

117 100

82 58.8 46.7 70.1

119 31.5 25.5 38.3



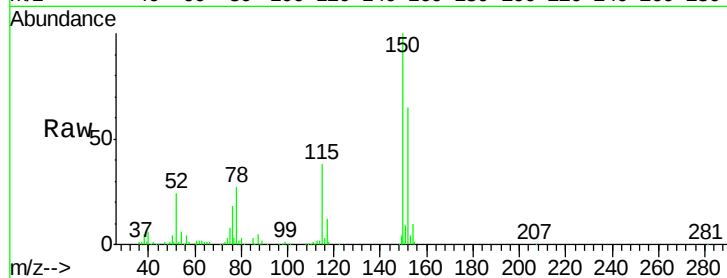


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060900.D
Acq: 8 Apr 2020 14:54

Instrument :
MSVOA_N
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PB128091ZHE#04

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.2	90.6
150	158.3	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

