

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064605.D
 Acq On : 13 Nov 2020 2:08
 Operator : JC/MD
 Sample : PB132945ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#03

Quant Time: Nov 13 04:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

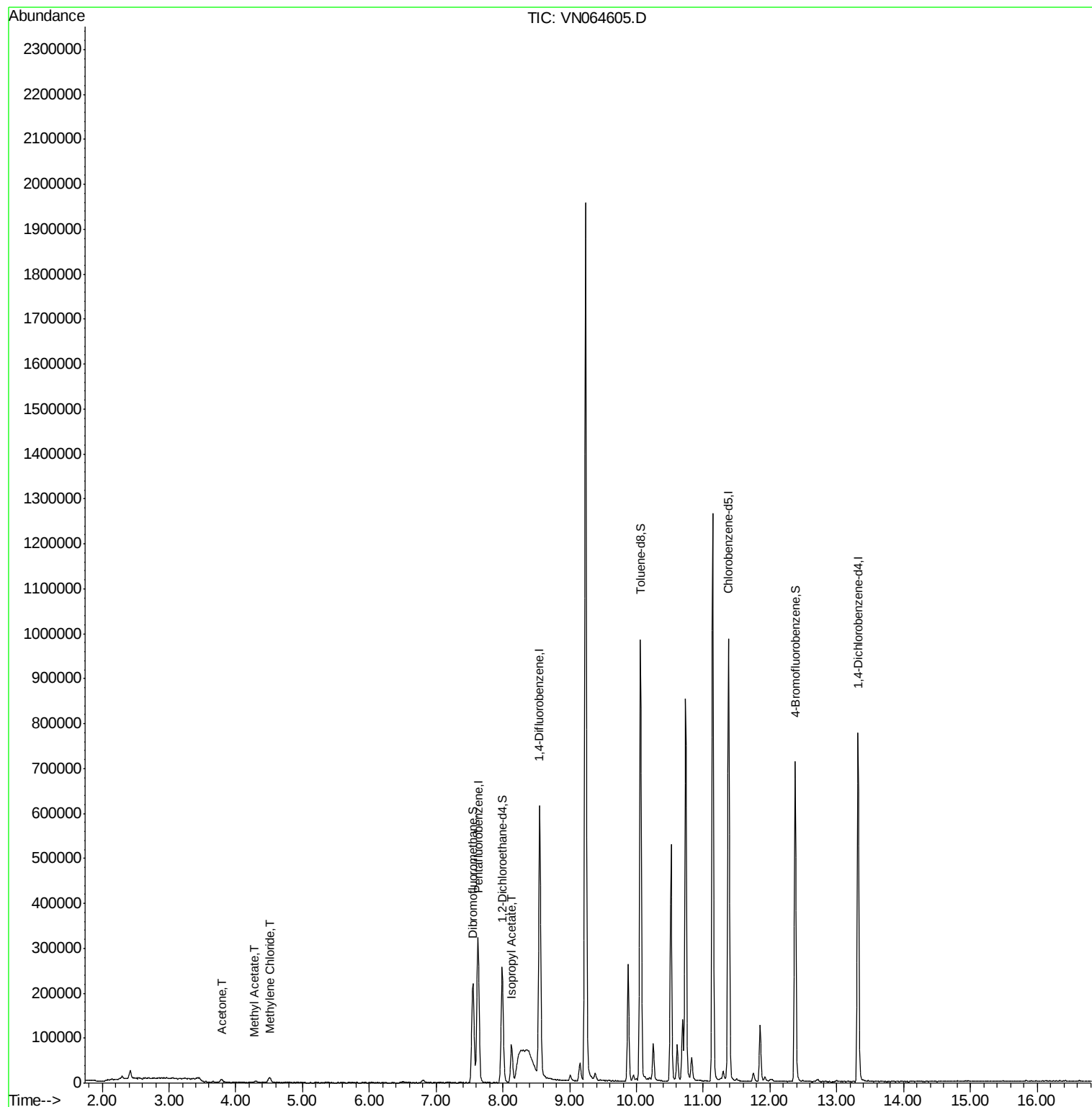
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	227969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	499810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	532159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	231497	58.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.60%	
35) Dibromofluoromethane	7.55	113	171911	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.06	98	645462	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.38	95	239437	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
Target Compounds						
16) Acetone	3.79	43	13485	8.915	ug/l	99
18) Methyl Acetate	4.29	43	5272	1.773	ug/l #	72
20) Methylene Chloride	4.51	84	7943	2.647	ug/l	94
43) Isopropyl Acetate	8.13	43	101527	11.865	ug/l	98

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

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064605.D

Acq: 13 Nov 2020 2:08

Instrument :

MSVOA_N

ClientSampleId :

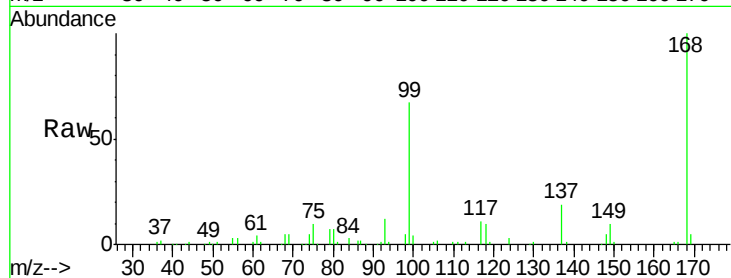
PB132945ZHE#03

Tot Ion:168 Resp: 227969

Ion Ratio Lower Upper

168 100

99 66.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

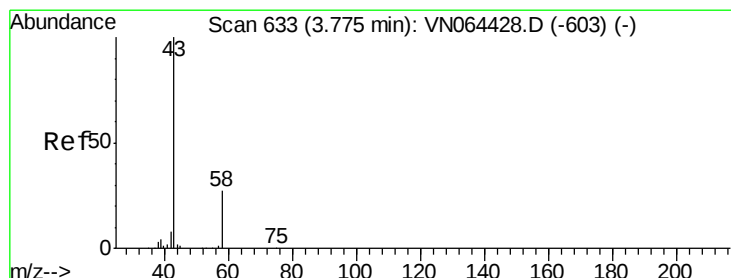
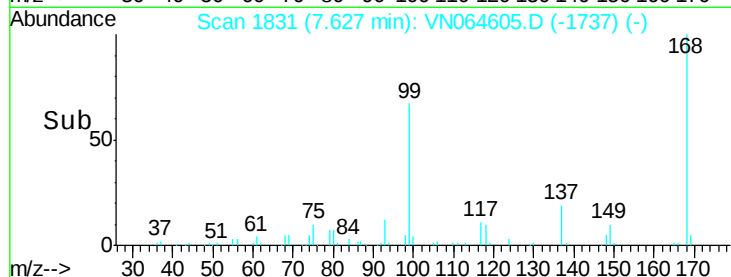
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.915 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064605.D

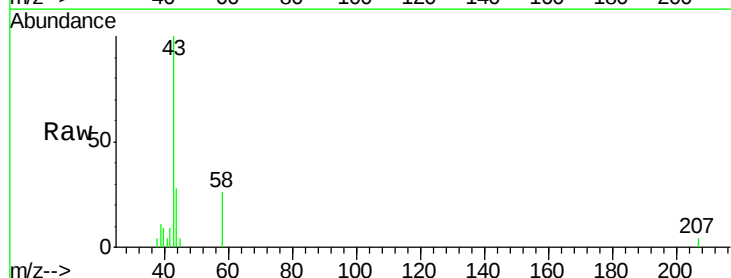
Acq: 13 Nov 2020 2:08

Tgt Ion: 43 Resp: 13485

Ion Ratio Lower Upper

43 100

58 26.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

5000

4000

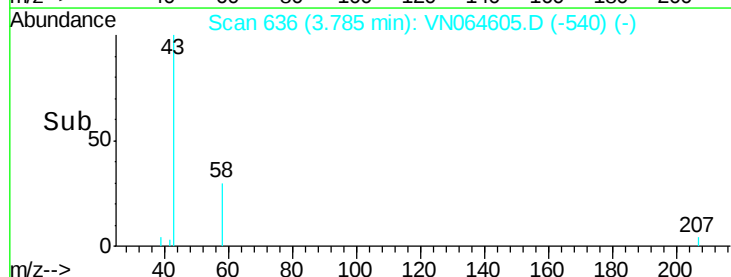
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85

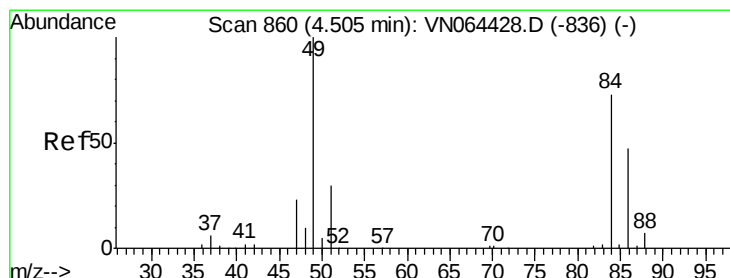
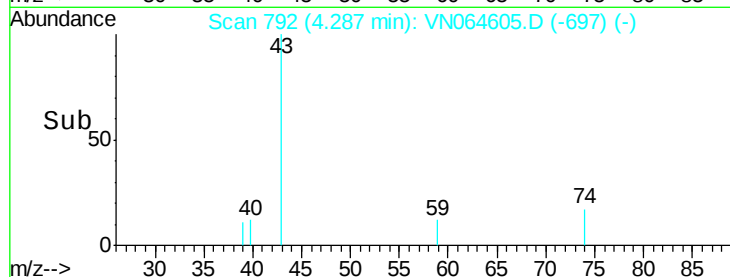
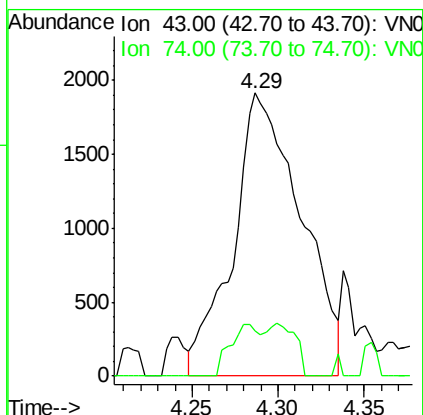
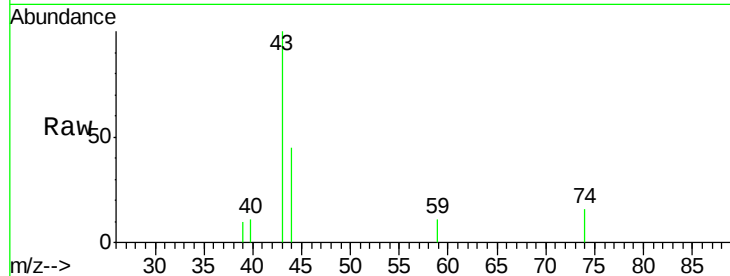




#18
Methyl Acetate
Concen: 1.773 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064605.D
Acq: 13 Nov 2020 2:08

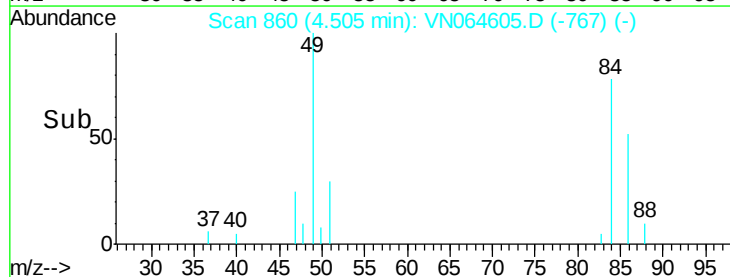
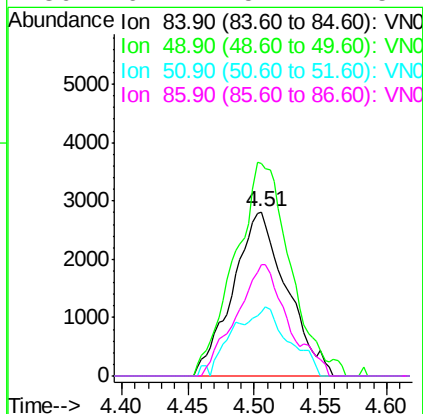
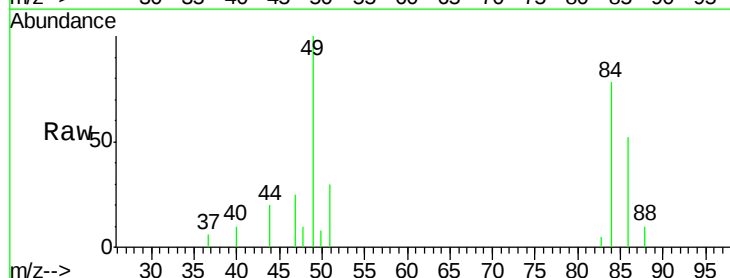
Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#03

Tot Ion: 43 Resp: 5272
Ion Ratio Lower Upper
43 100
74 7.9 17.0 25.4#



#20
Methylene Chloride
Concen: 2.647 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064605.D
Acq: 13 Nov 2020 2:08

Tgt Ion: 84 Resp: 7943
Ion Ratio Lower Upper
84 100
49 128.9 110.1 165.1
51 39.3 33.6 50.4
86 67.4 52.1 78.1

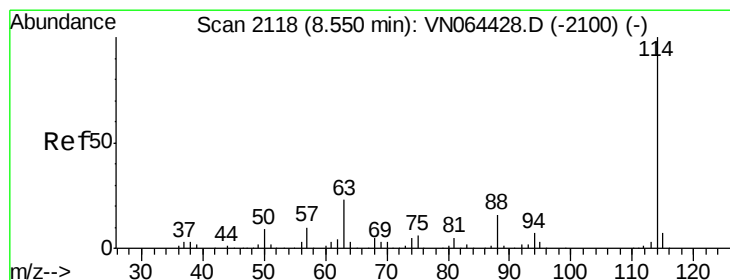
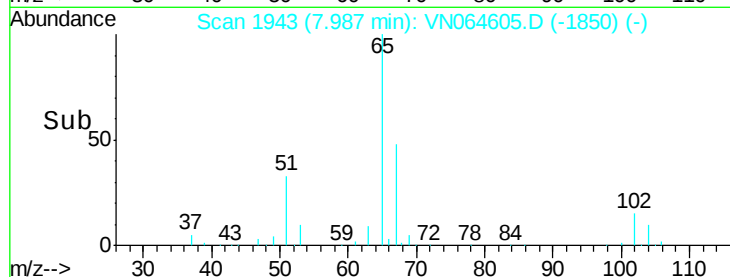
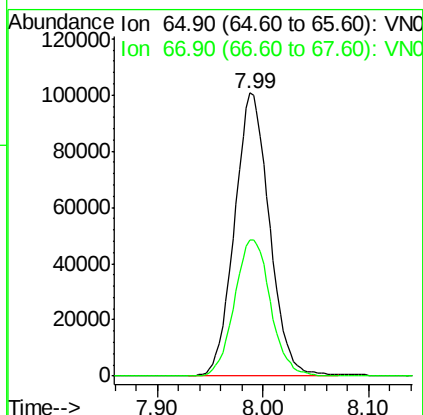
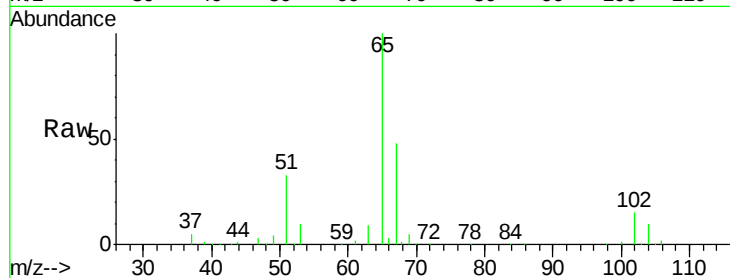




#33
 1,2-Dichloroethane-d4
 Concen: 58.299 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064605.D
 Acq: 13 Nov 2020 2:08

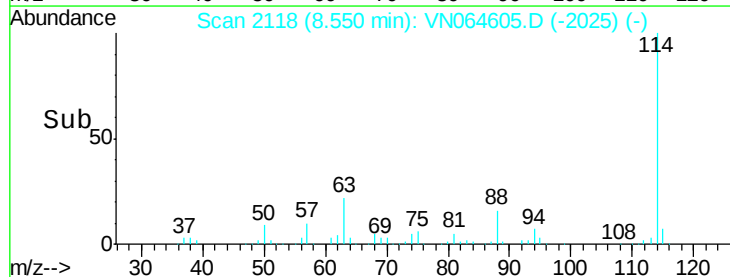
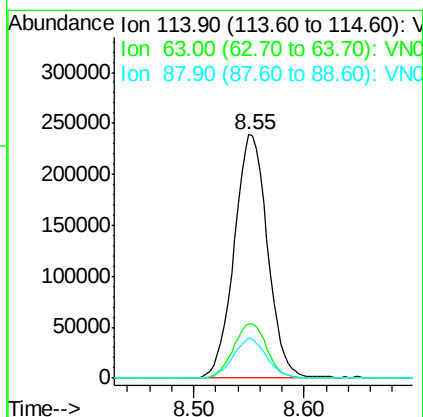
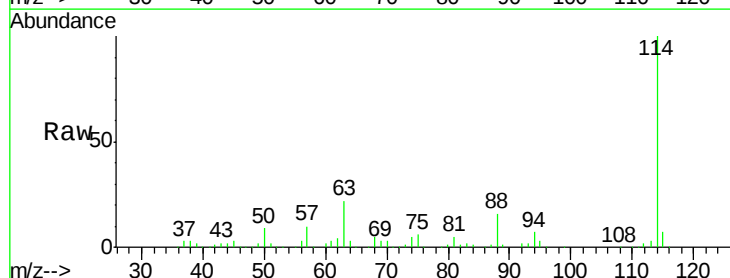
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#03

Tot Ion: 65 Resp: 231497
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064605.D
 Acq: 13 Nov 2020 2:08

Tgt Ion: 114 Resp: 499810
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.6
 88 16.3 0.0 32.8

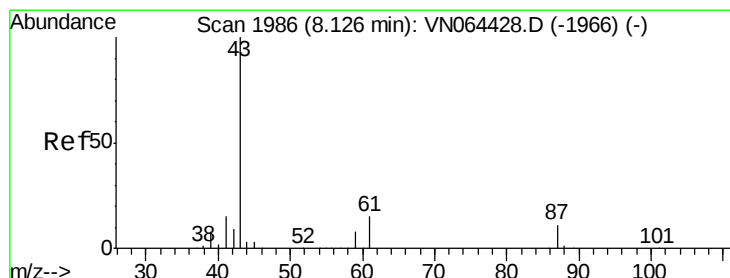
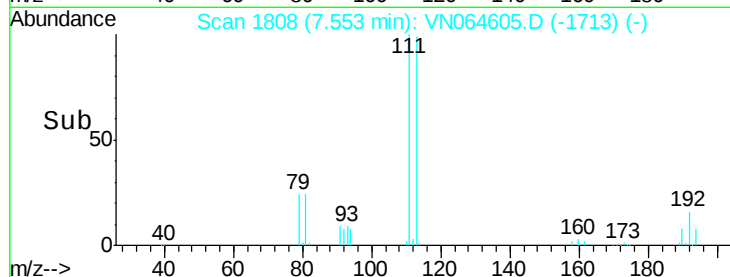
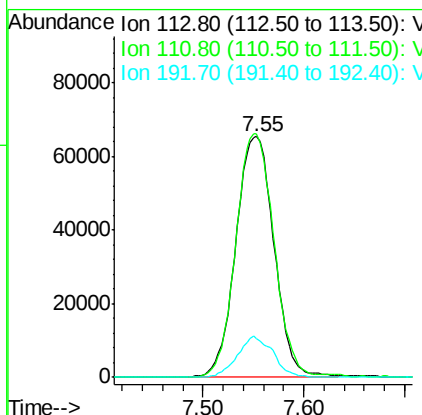
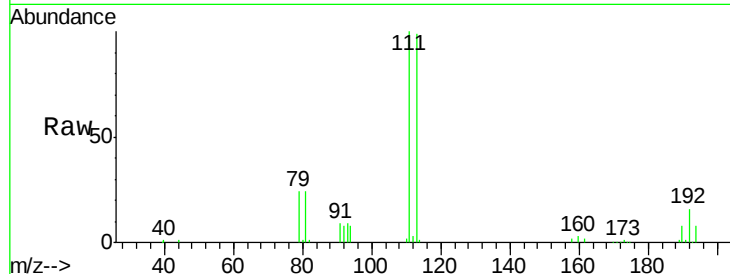




#35
 Dibromofluoromethane
 Concen: 50.517 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064605.D
 Acq: 13 Nov 2020 2:08

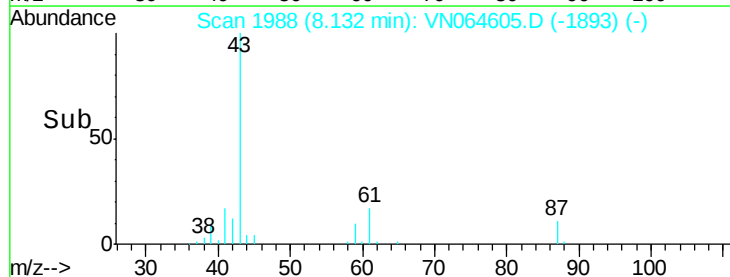
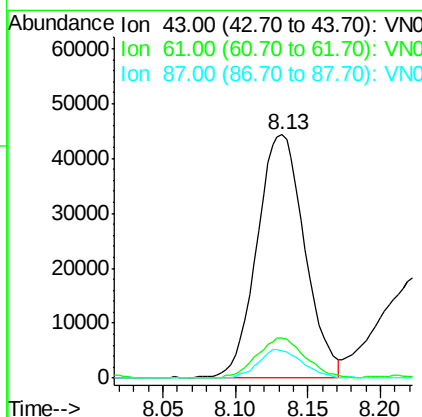
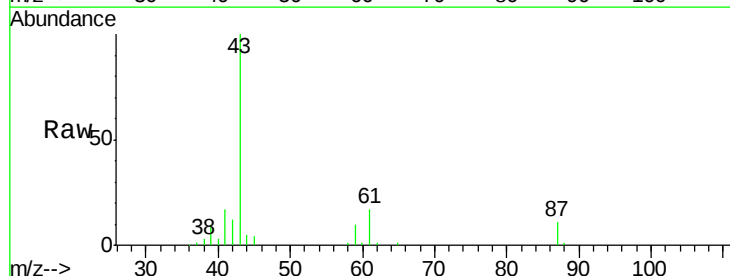
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#03

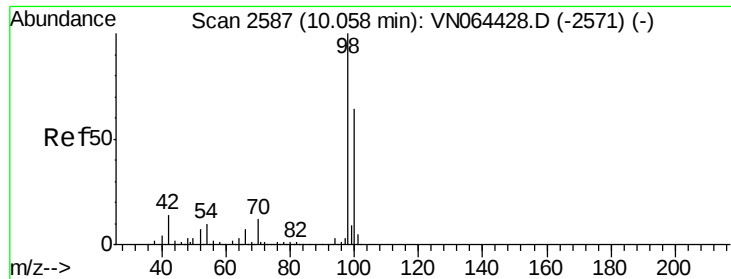
Tot Ion:113 Resp: 171911
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.1 121.7
 192 16.0 12.8 19.2



#43
 Isopropyl Acetate
 Concen: 11.865 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064605.D
 Acq: 13 Nov 2020 2:08

Tgt Ion: 43 Resp: 101527
 Ion Ratio Lower Upper
 43 100
 61 16.6 14.0 21.0
 87 10.8 9.1 13.7





#50

Toluene-d8

Concen: 49.075 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064605.D

Acq: 13 Nov 2020 2:08

Instrument :

MSVOA_N

ClientSampleId :

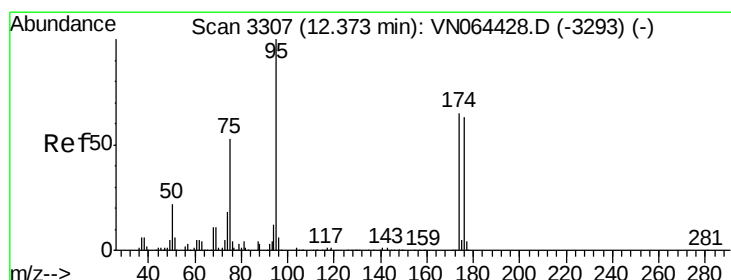
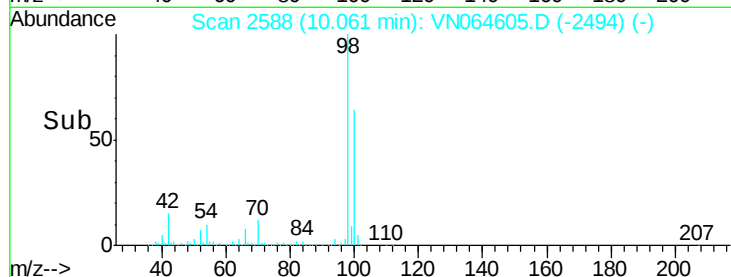
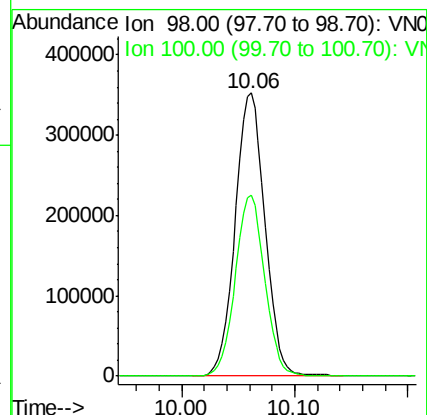
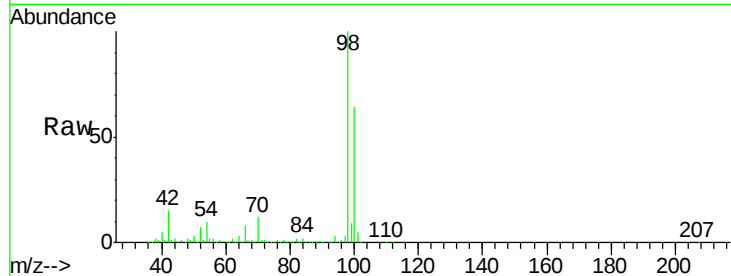
PB132945ZHE#03

Tot Ion: 98 Resp: 645462

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 48.136 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064605.D

Acq: 13 Nov 2020 2:08

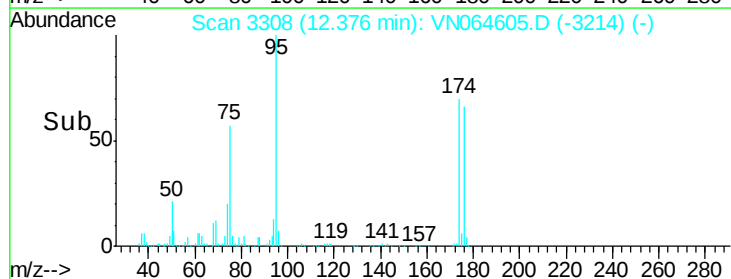
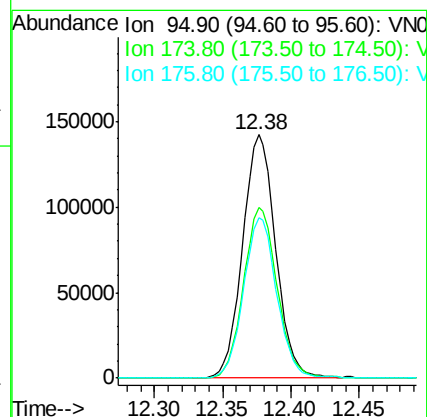
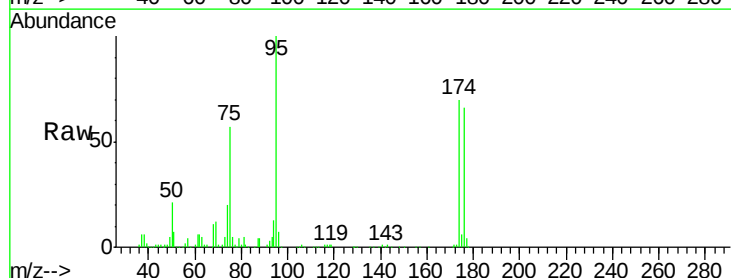
Tgt Ion: 95 Resp: 239437

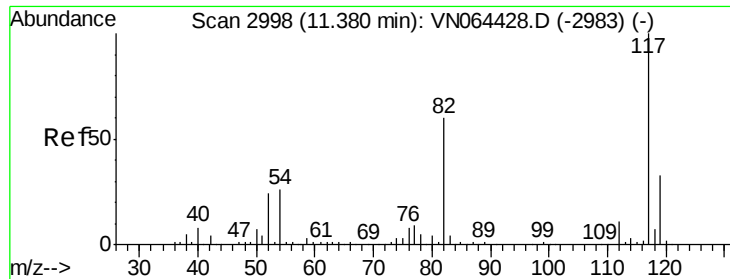
Ion Ratio Lower Upper

95 100

174 71.3 0.0 132.6

176 66.4 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064605.D

Acq: 13 Nov 2020 2:08

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#03

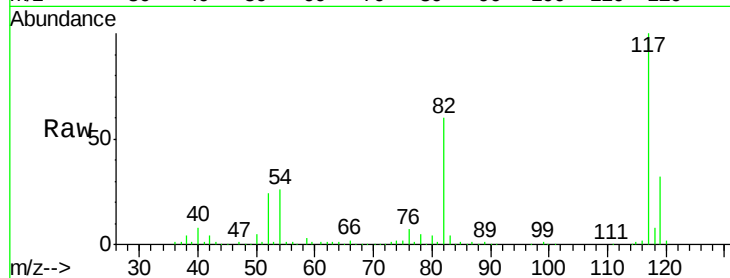
Tot Ion:117 Resp: 532159

Ion Ratio Lower Upper

117 100

82 59.5 48.1 72.1

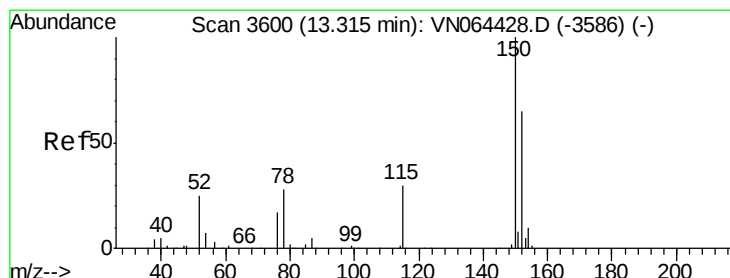
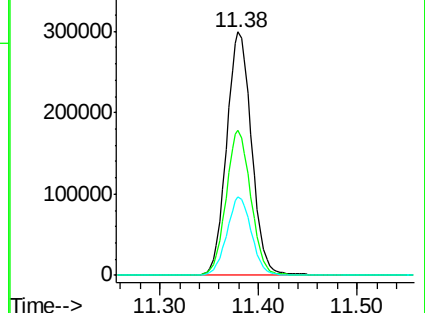
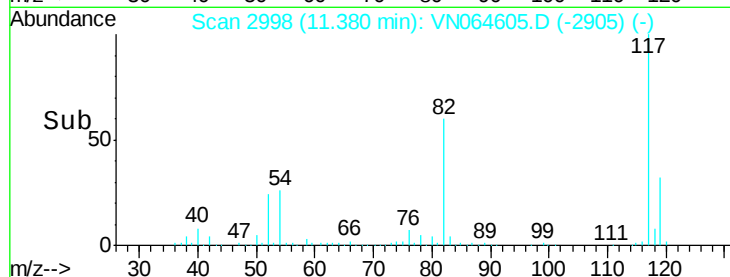
119 32.3 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064605.D

Acq: 13 Nov 2020 2:08

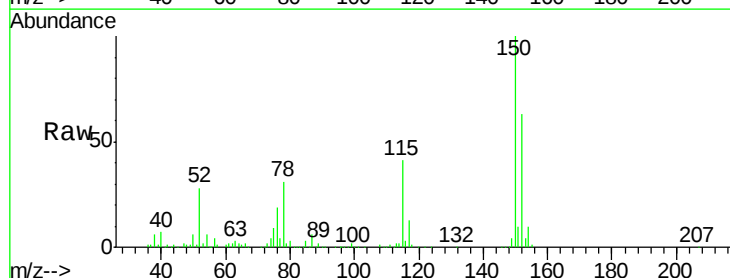
Tgt Ion:152 Resp: 190781

Ion Ratio Lower Upper

152 100

115 64.9 32.0 96.0

150 159.3 0.0 353.8



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

