

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060048.D
 Acq On : 10 Feb 2020 15:56
 Operator : JC/MD
 Sample : PB126661ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#15

Quant Time: Feb 11 07:47:14 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

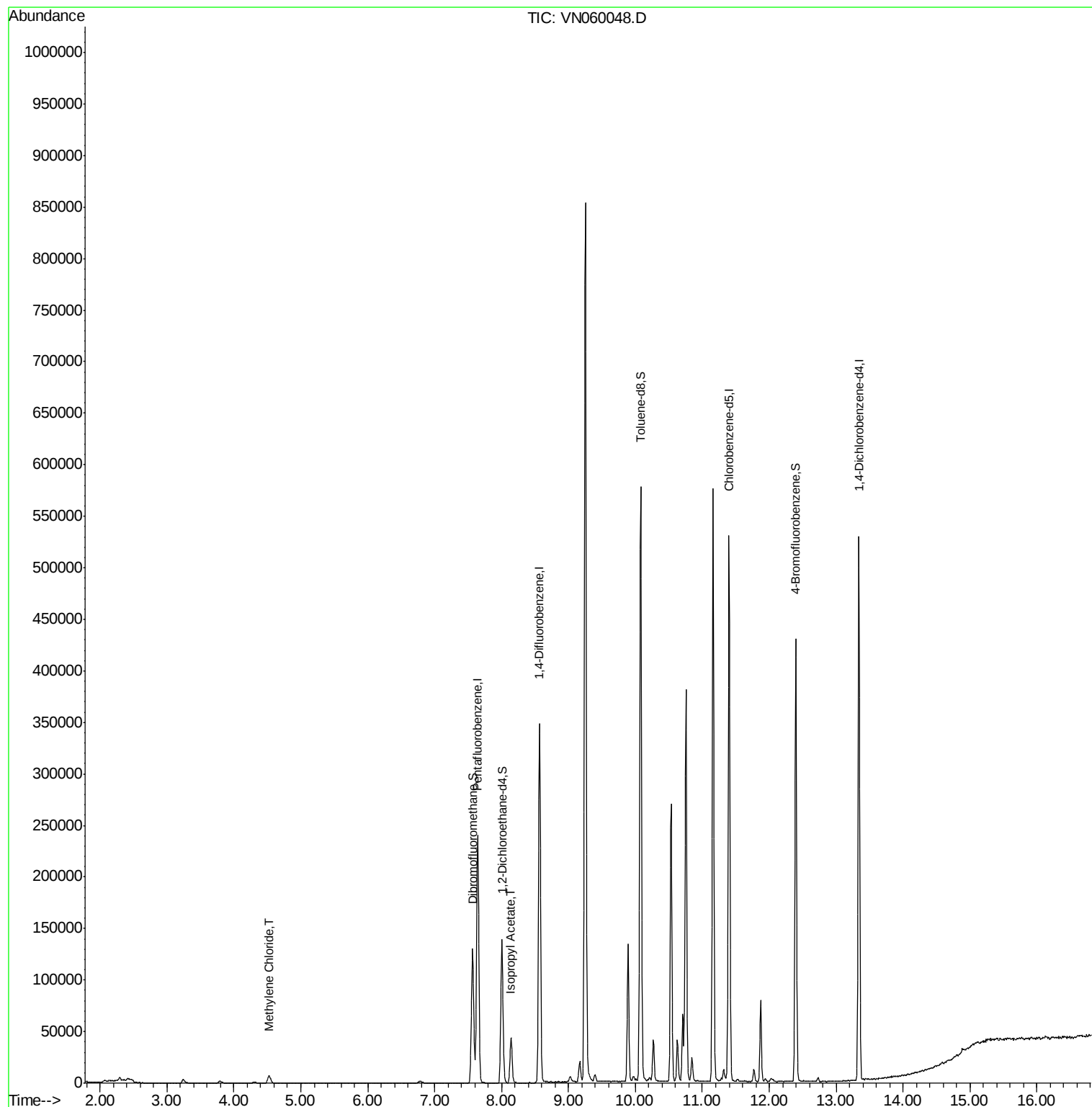
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120566	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
35) Dibromofluoromethane	7.57	113	98108	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.08	98	396382	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.40	95	142662	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
Target Compounds						
20) Methylene Chloride	4.53	84	6041	1.695	ug/l	87
43) Isopropyl Acetate	8.14	43	51440	11.375	ug/l	92

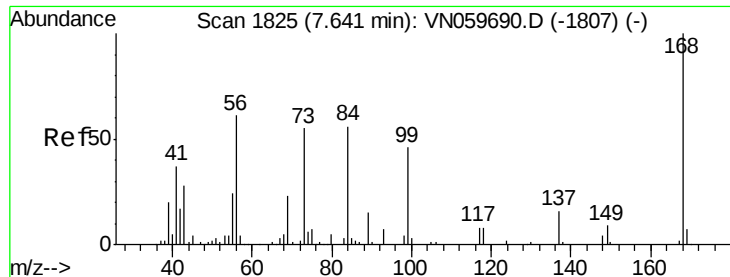
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060048.D

Acq: 10 Feb 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

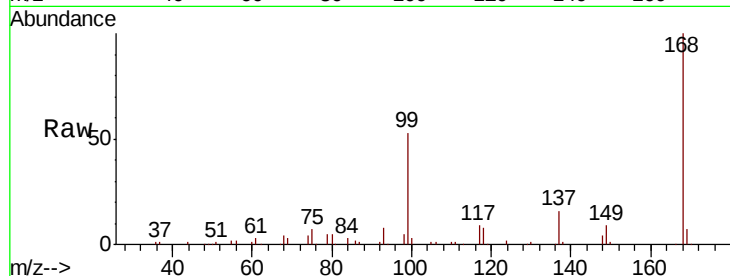
PB126661ZHE#15

Tot Ion:168 Resp: 204164

Ion Ratio Lower Upper

168 100

99 53.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

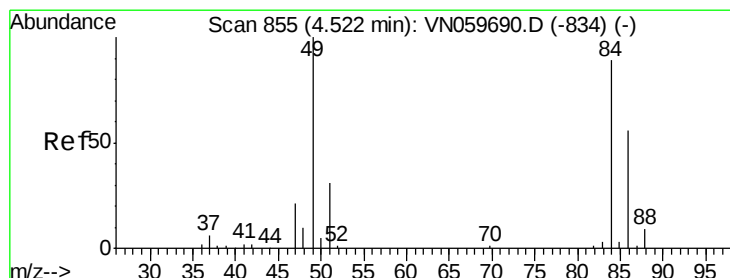
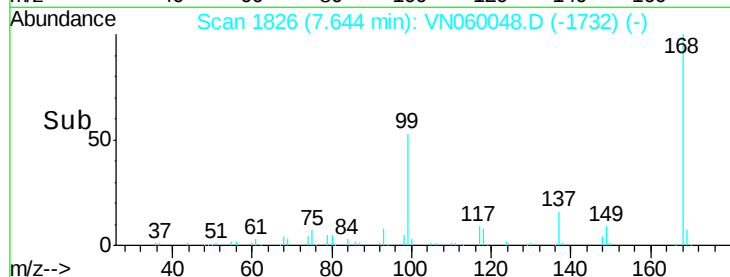
40000

20000

0

Time-->

7.60 7.70



#20

Methylene Chloride

Concen: 1.695 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060048.D

Acq: 10 Feb 2020 15:56

Tgt Ion: 84 Resp: 6041

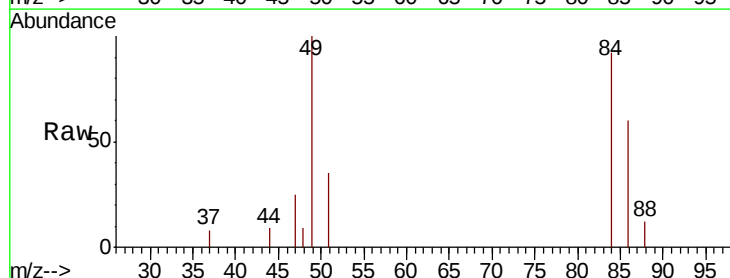
Ion Ratio Lower Upper

84 100

49 108.6 106.6 160.0

51 38.4 31.9 47.9

86 65.5 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

3000

2500

2000

1500

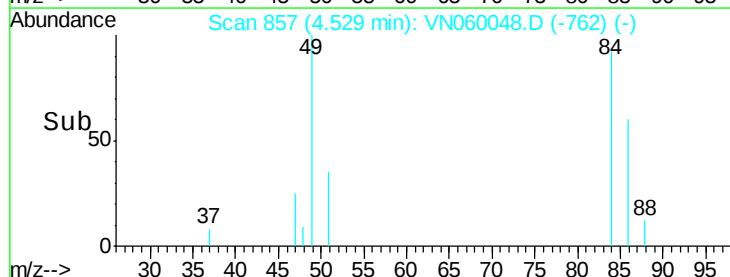
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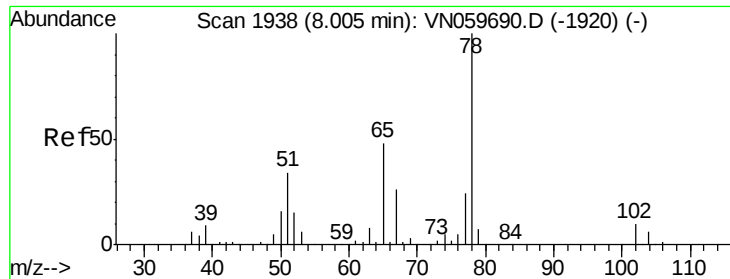
500

0

Time-->

4.45 4.50 4.55 4.60

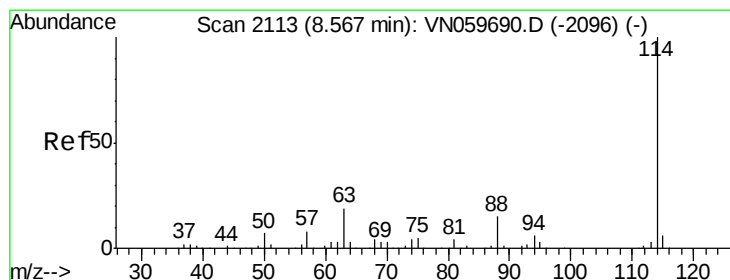
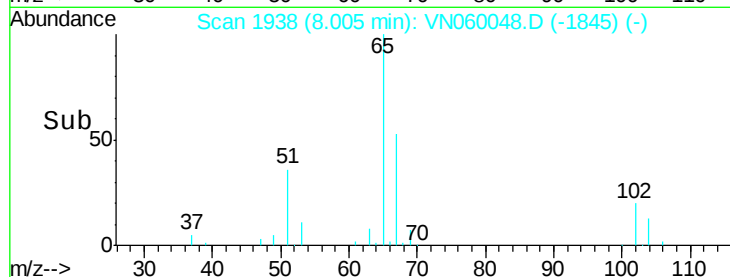
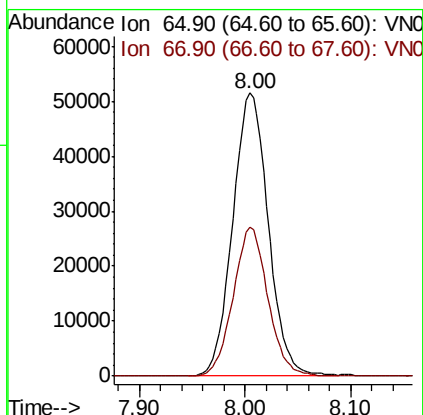
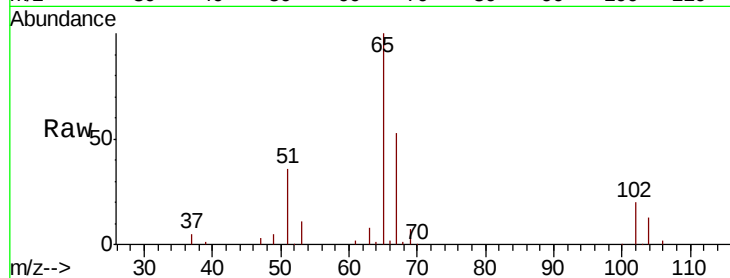




#33
 1,2-Dichloroethane-d4
 Concen: 53.176 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060048.D
 Acq: 10 Feb 2020 15:56

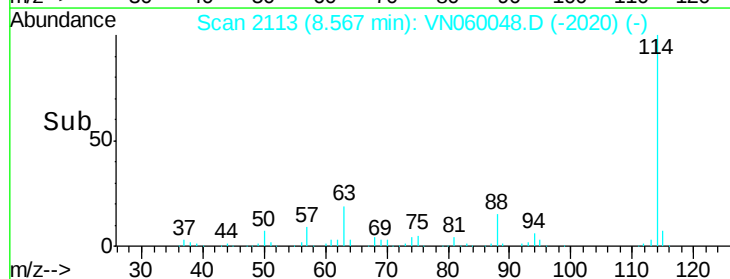
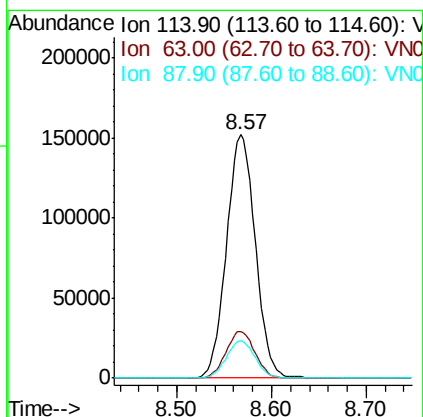
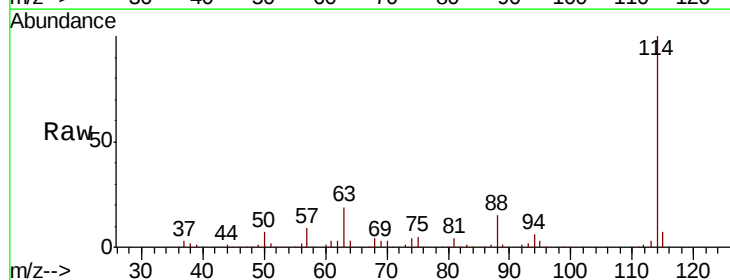
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#15

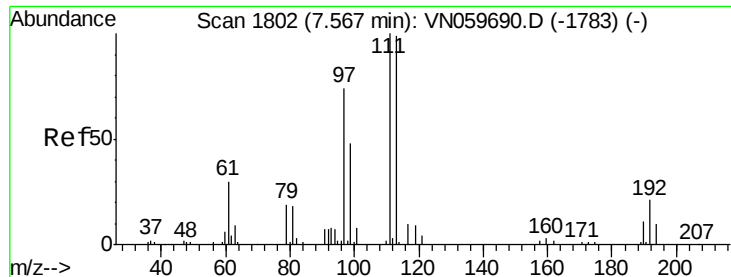
Tot Ion: 65 Resp: 120566
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060048.D
 Acq: 10 Feb 2020 15:56

Tgt Ion: 114 Resp: 321883
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.6
 88 15.2 0.0 31.4

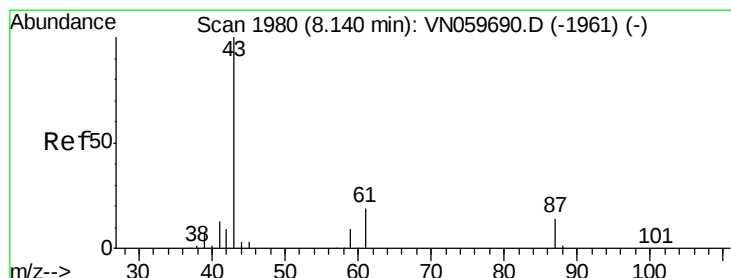
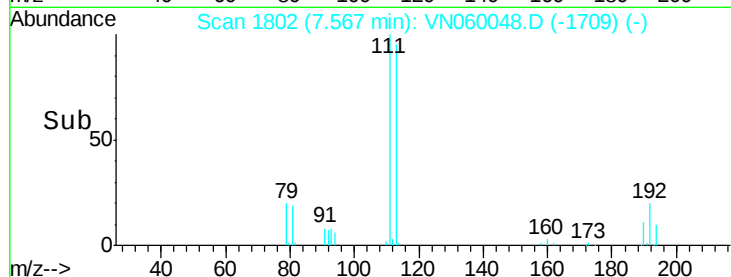
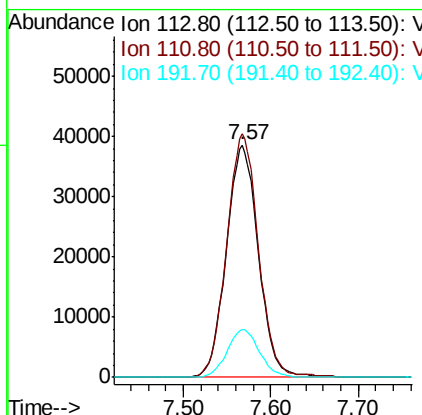
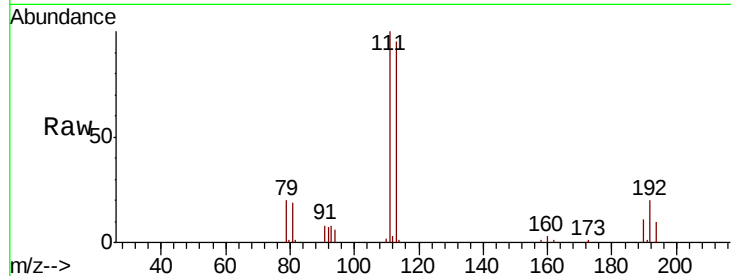




#35
 Dibromofluoromethane
 Concen: 51.110 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060048.D
 Acq: 10 Feb 2020 15:56

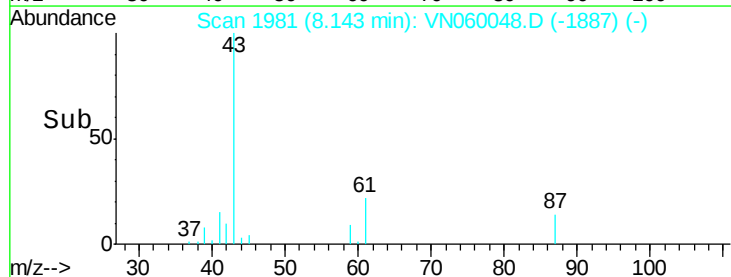
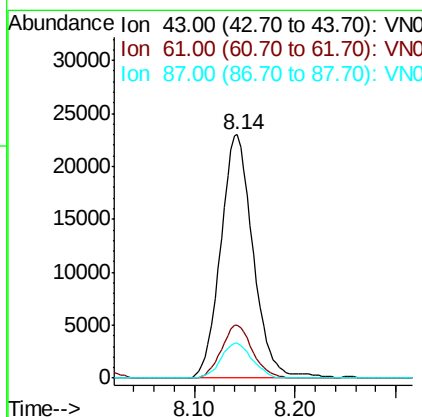
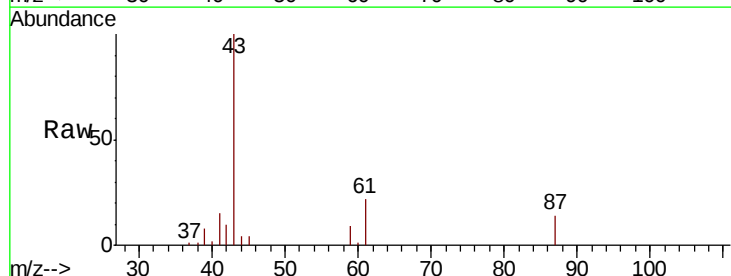
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126661ZHE#15

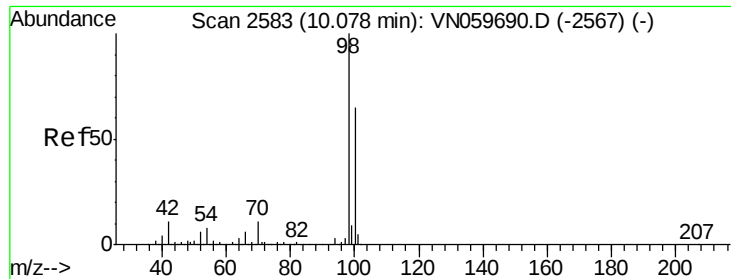
Tot Ion:113 Resp: 98108
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.5 125.3
 192 20.7 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 11.375 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060048.D
 Acq: 10 Feb 2020 15:56

Tgt Ion: 43 Resp: 51440
 Ion Ratio Lower Upper
 43 100
 61 20.7 20.2 30.2
 87 13.8 9.5 14.3





#50

Toluene-d8

Concen: 53.297 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060048.D

Acq: 10 Feb 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

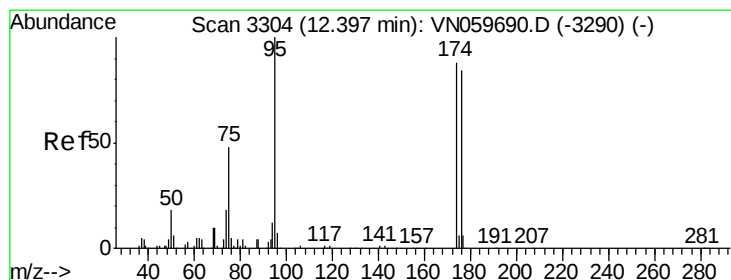
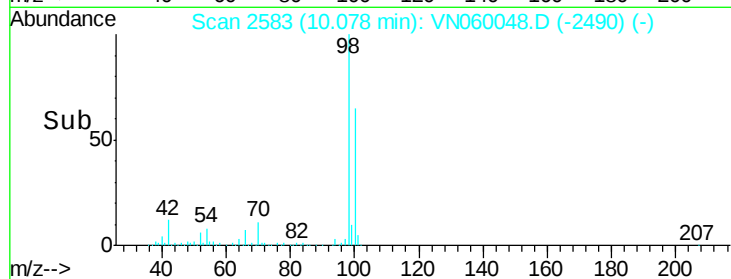
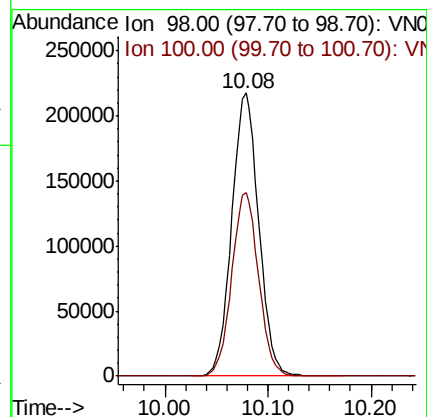
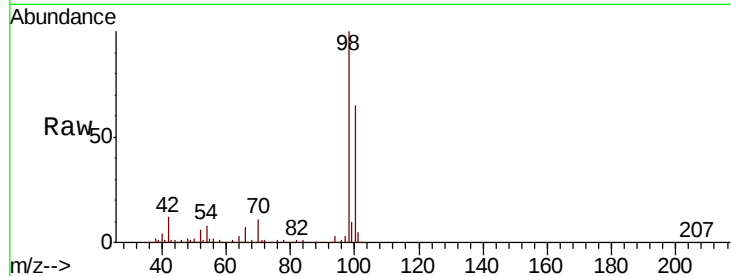
PB126661ZHE#15

Tot Ion: 98 Resp: 396382

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.210 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060048.D

Acq: 10 Feb 2020 15:56

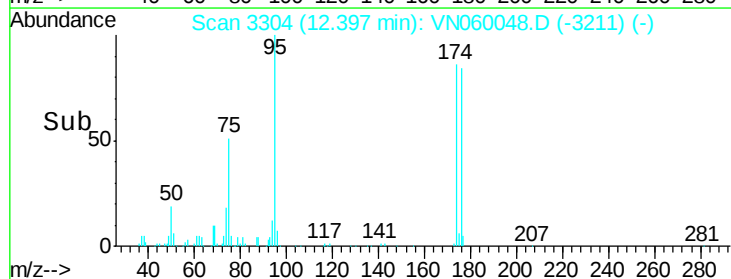
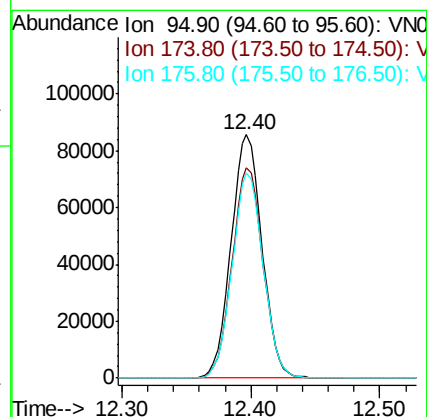
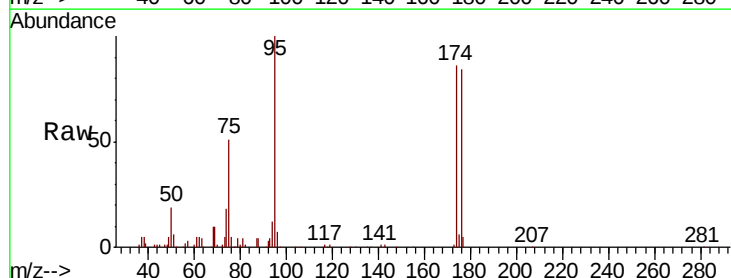
Tgt Ion: 95 Resp: 142662

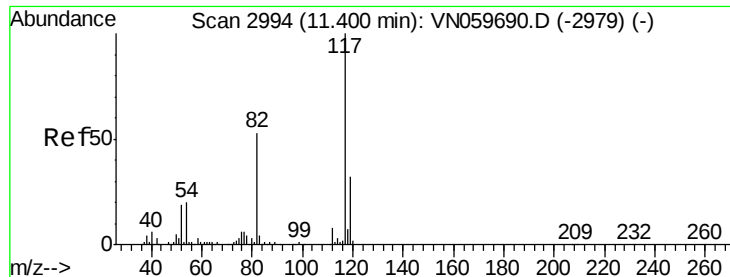
Ion Ratio Lower Upper

95 100

174 86.6 0.0 151.4

176 84.4 0.0 146.0

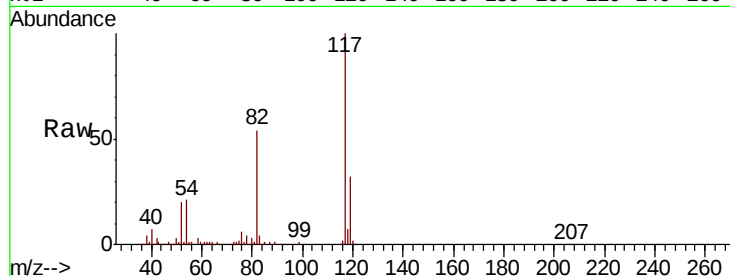




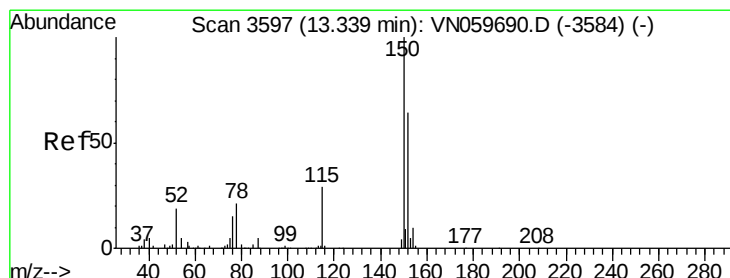
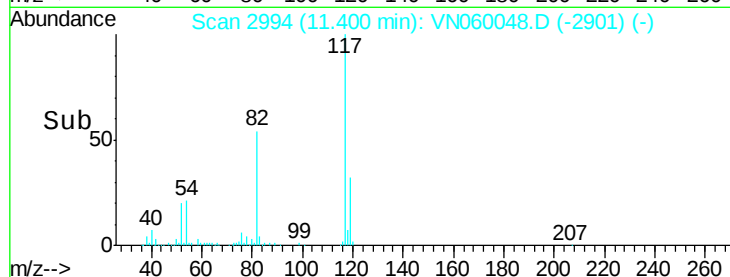
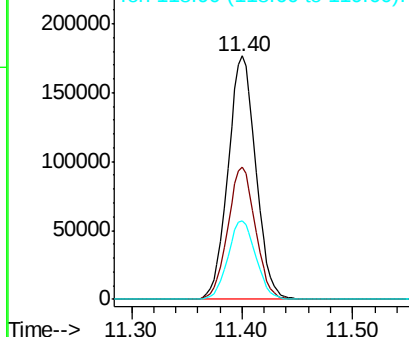
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060048.D
Acq: 10 Feb 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
PB126661ZHE#15

Tot Ion:117 Resp: 307228
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.2 25.5 38.3

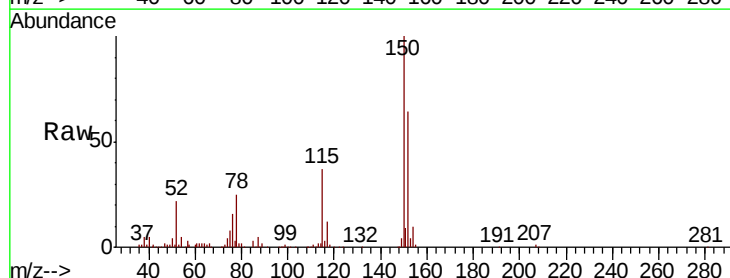


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060048.D
Acq: 10 Feb 2020 15:56

Tgt Ion:152 Resp: 141693
Ion Ratio Lower Upper
152 100
115 58.1 30.3 90.9
150 157.8 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

