

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060224.D
 Acq On : 25 Feb 2020 11:26
 Operator : JC/MD
 Sample : PB127055TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055TB

Quant Time: Feb 25 16:06:57 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

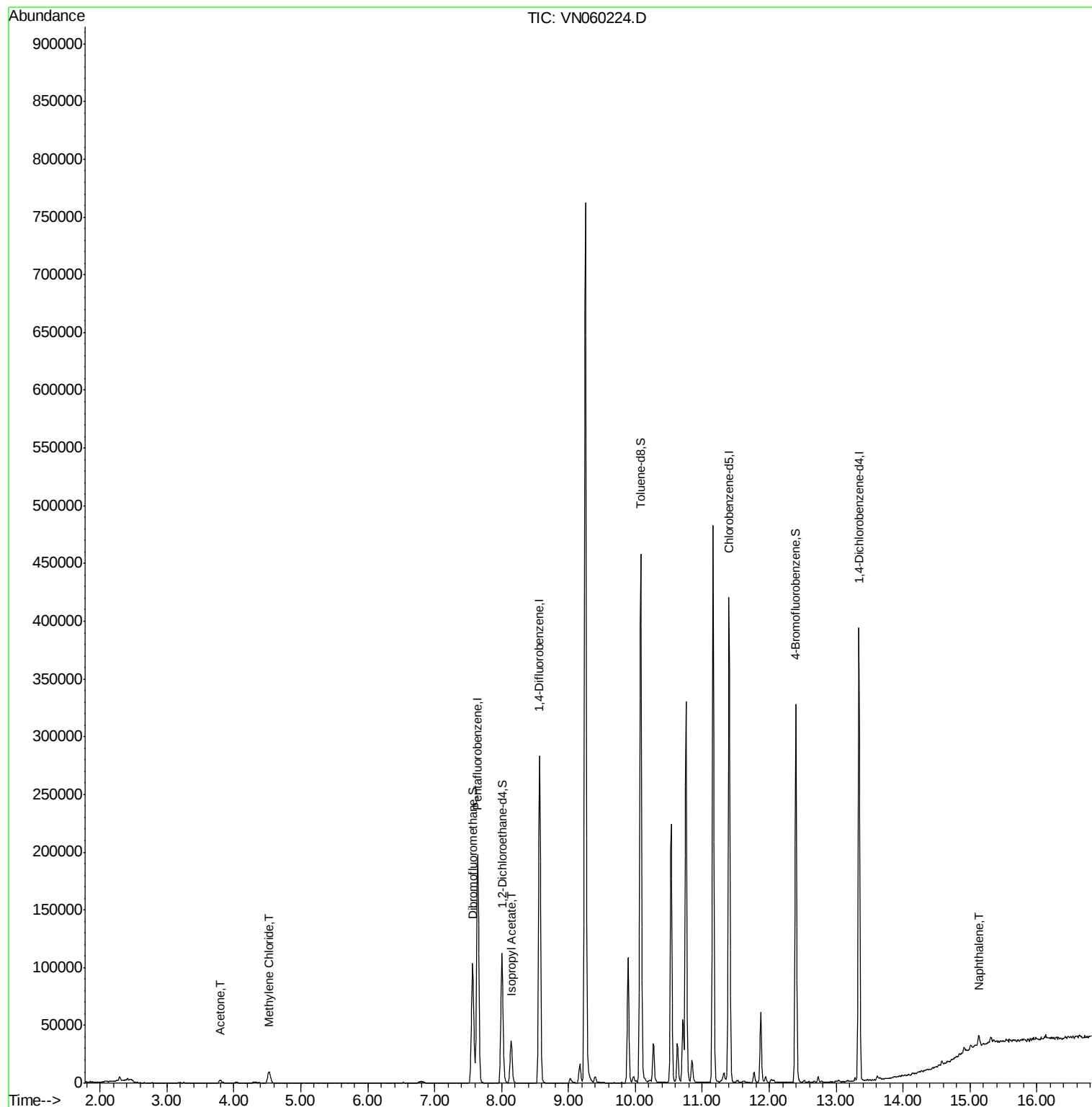
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	166884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	259454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	242288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97371	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	7.57	113	78808	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.08	98	314277	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	111159	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
16) Acetone	3.80	43	4562	5.150	ug/l	100
20) Methylene Chloride	4.53	84	7899	4.470	ug/l	96
43) Isopropyl Acetate	8.14	43	43754	11.785	ug/l #	89
95) Naphthalene	15.13	128	7665	1.414	ug/l	99

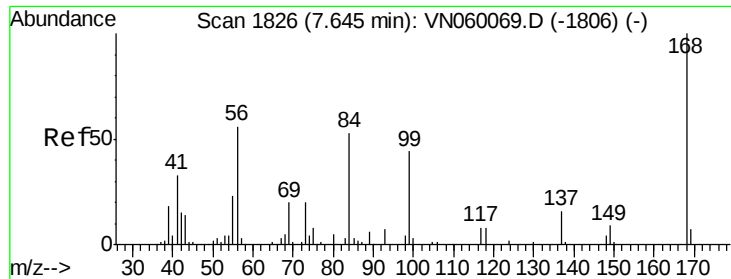
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

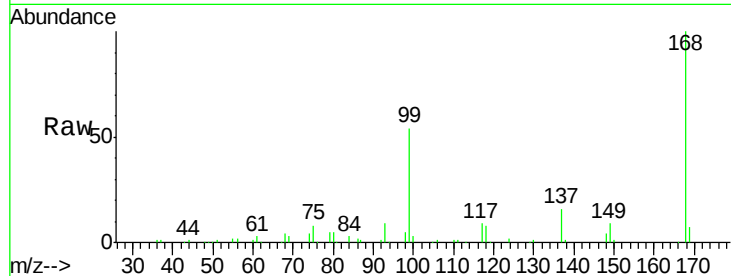
PB127055TB

Tot Ion:168 Resp: 166884

Ion Ratio Lower Upper

168 100

99 53.7 42.7 64.1



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

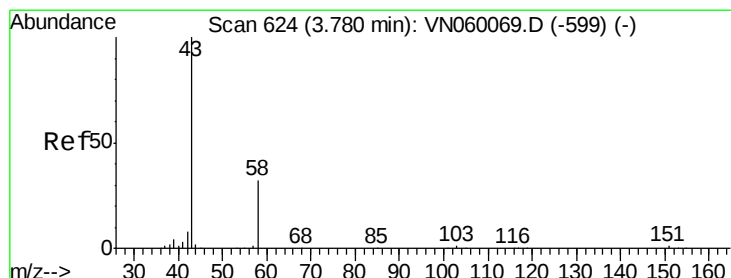
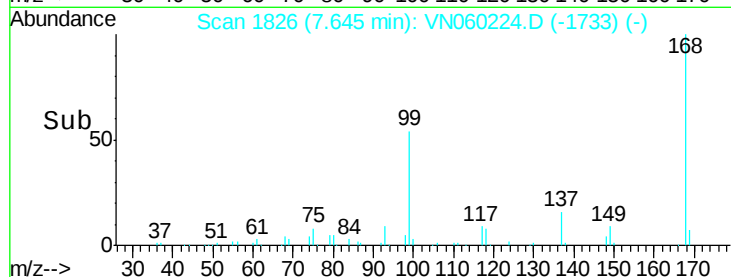
Time-->

7.50

7.60

7.70

7.80



#16

Acetone

Concen: 5.150 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060224.D

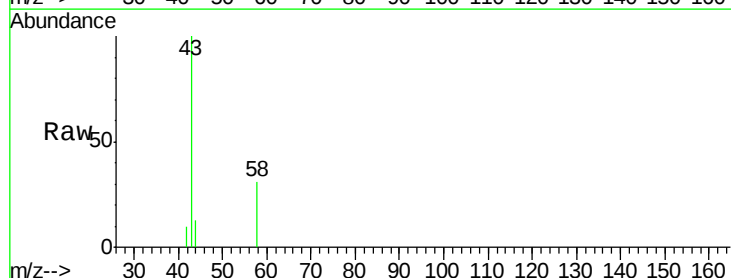
Acq: 25 Feb 2020 11:26

Tgt Ion: 43 Resp: 4562

Ion Ratio Lower Upper

43 100

58 31.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

2000

1500

1000

500

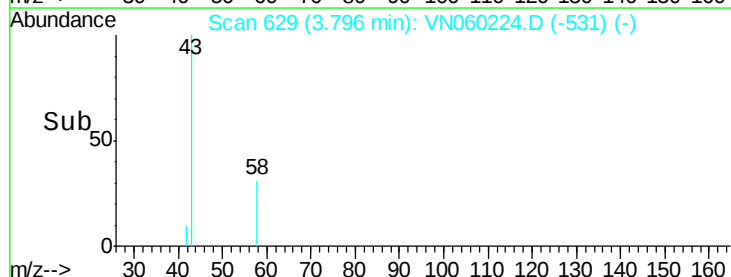
0

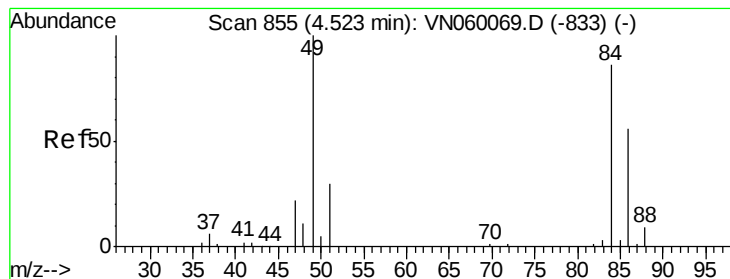
Time-->

3.75

3.80

3.85





#20

Methylene Chloride

Concen: 4.470 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

PB127055TB

Tot Ion: 84 Resp: 7899

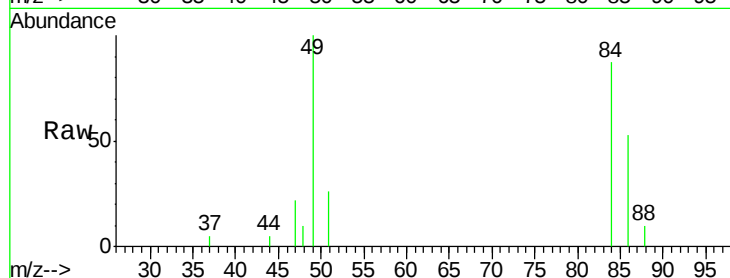
Ion Ratio Lower Upper

84 100

49 115.2 93.4 140.0

51 30.2 28.4 42.6

86 61.5 52.5 78.7

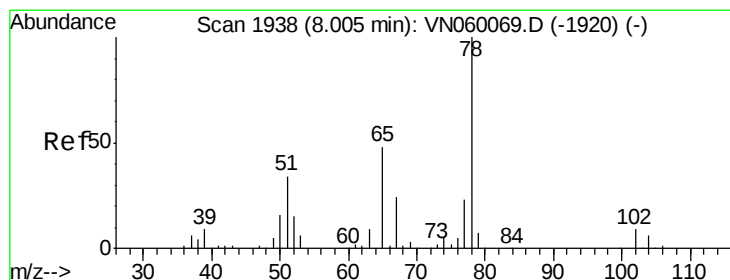
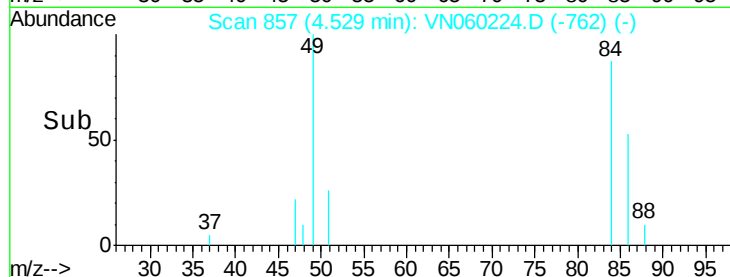
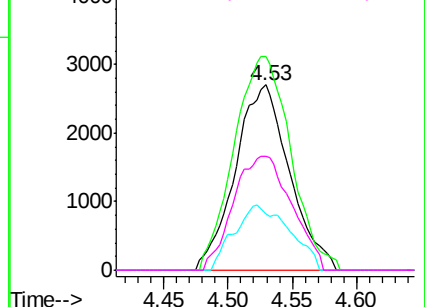


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.950 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060224.D

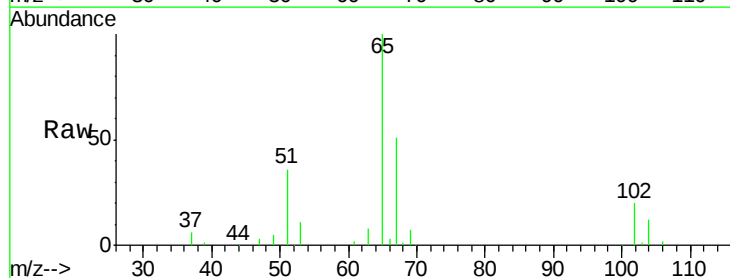
Acq: 25 Feb 2020 11:26

Tgt Ion: 65 Resp: 97371

Ion Ratio Lower Upper

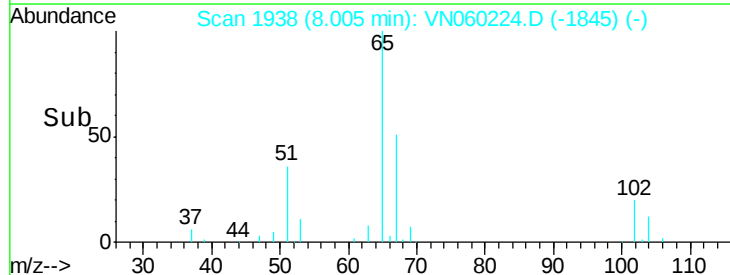
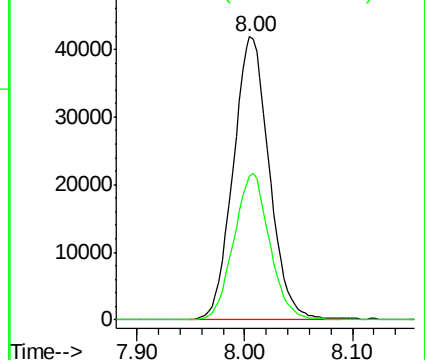
65 100

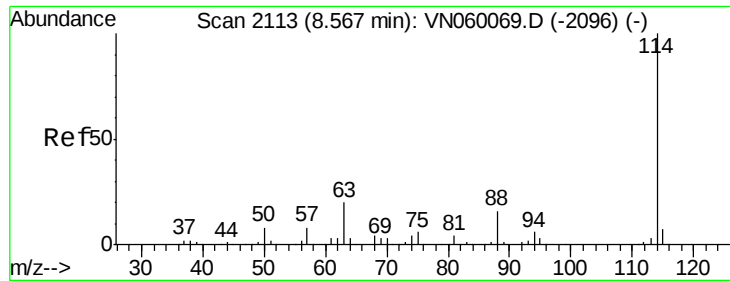
67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

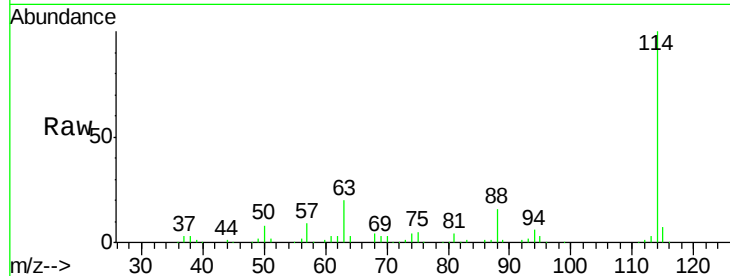




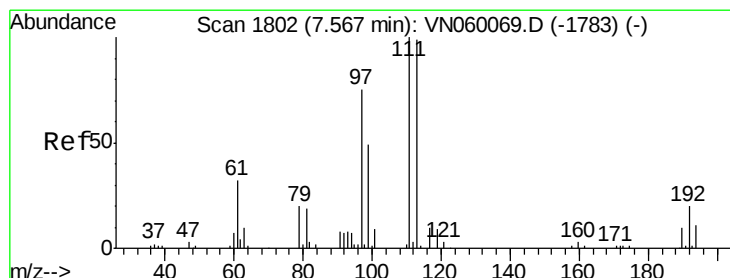
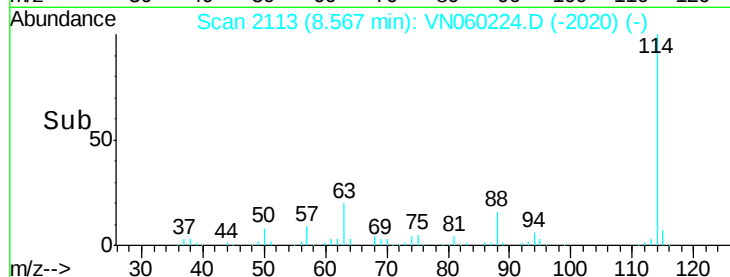
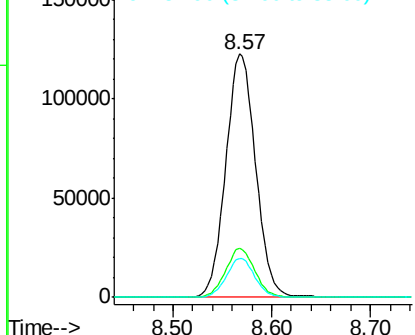
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Instrument :
MSVOA_N
ClientSampleId :
PB127055TB

Tot Ion:114 Resp: 259454
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 16.0 0.0 31.6

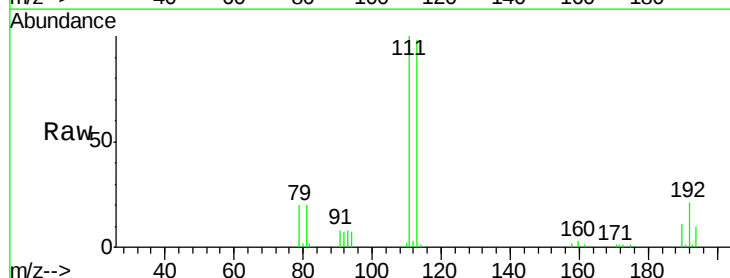


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

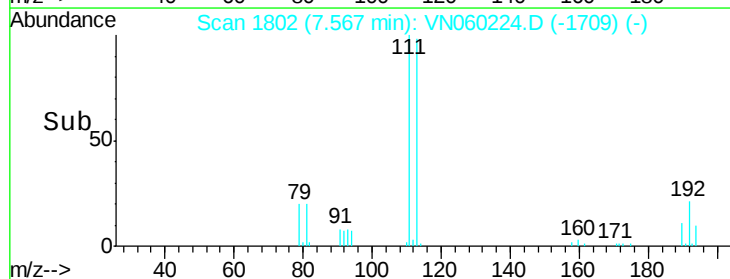
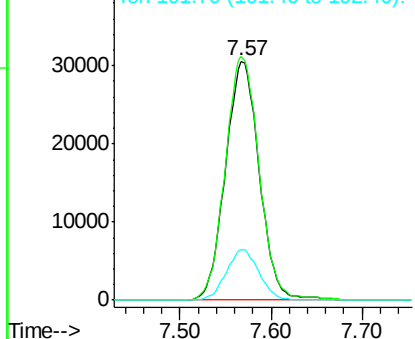


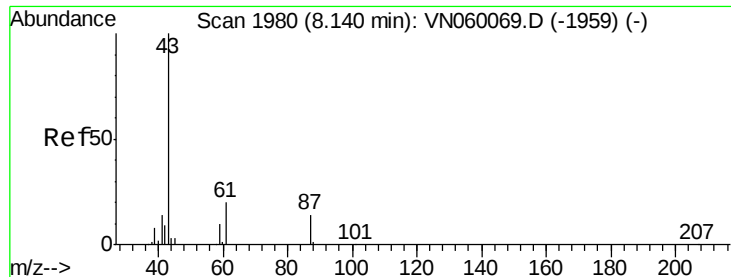
#35
Dibromofluoromethane
Concen: 49.414 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060224.D
Acq: 25 Feb 2020 11:26

Tgt Ion:113 Resp: 78808
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 20.3 16.2 24.2



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: 11.785 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

PB127055TB

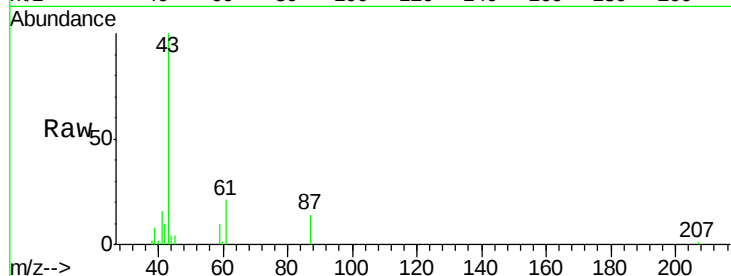
Tot Ion: 43 Resp: 43754

Ion Ratio Lower Upper

43 100

61 19.5 21.8 32.6#

87 13.0 11.4 17.2



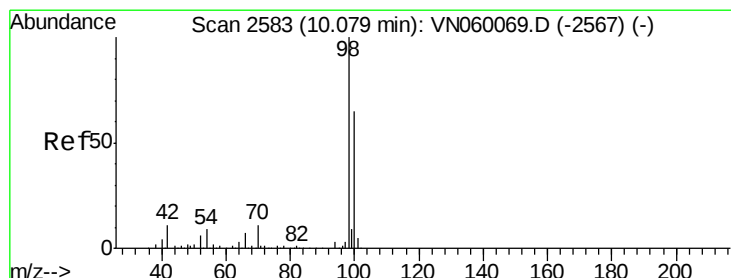
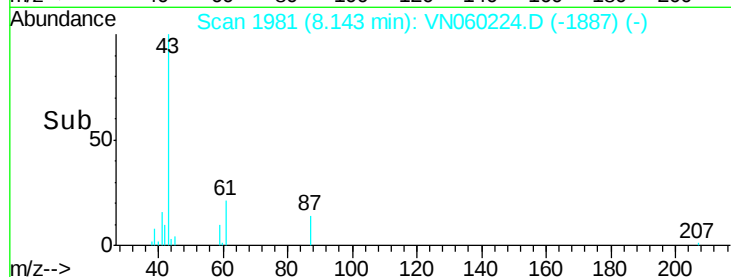
Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)

Time-->

8.05 8.10 8.15 8.20 8.25



#50

Toluene-d8

Concen: 50.040 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060224.D

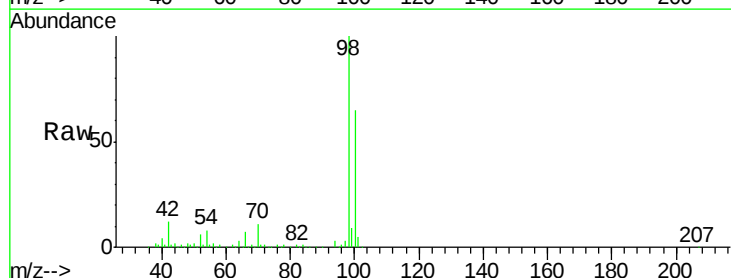
Acq: 25 Feb 2020 11:26

Tgt Ion: 98 Resp: 314277

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5

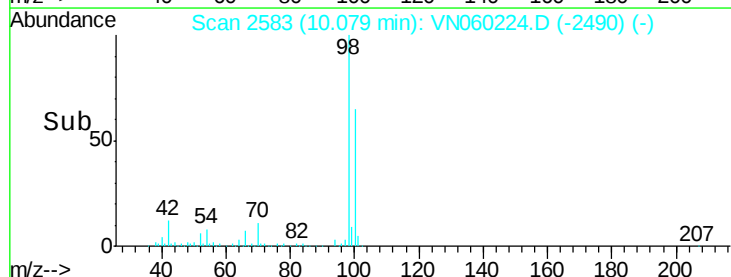


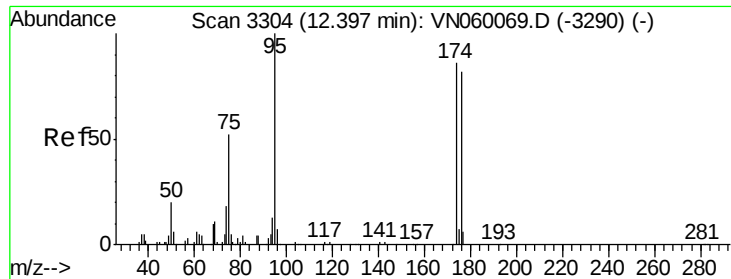
Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)

Time-->

10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 48.167 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

PB127055TB

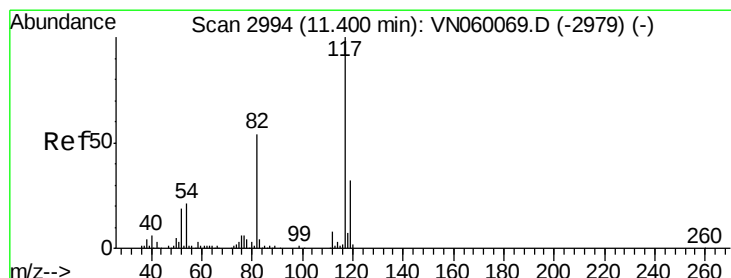
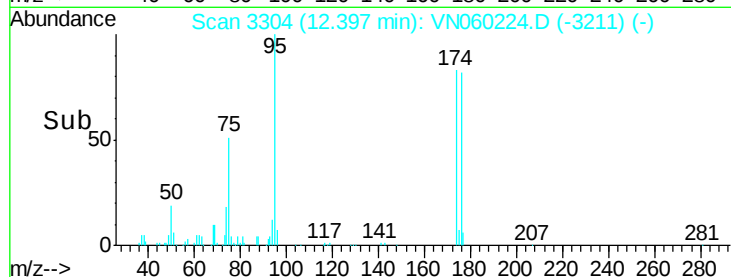
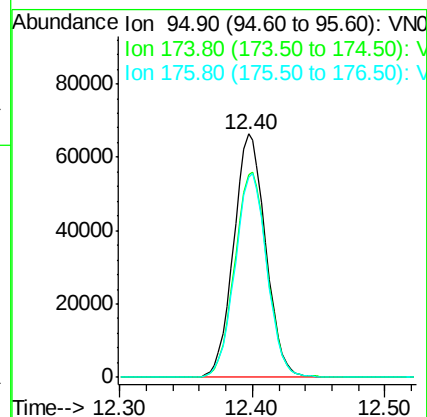
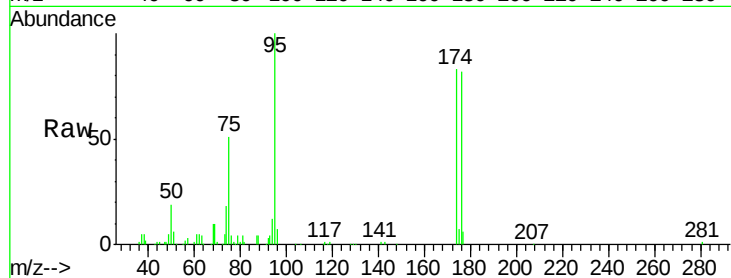
Tot Ion: 95 Resp: 111159

Ion Ratio Lower Upper

95 100

174 85.4 0.0 169.8

176 83.6 0.0 164.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

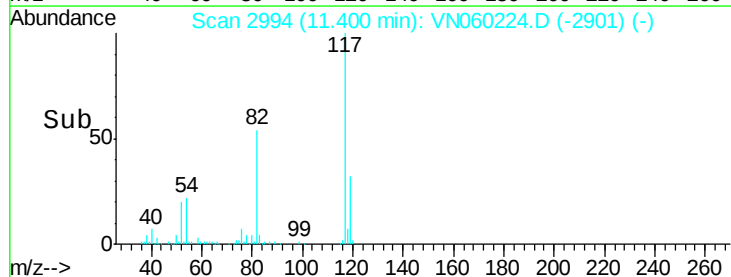
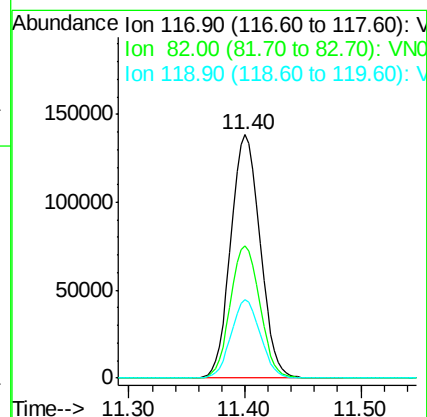
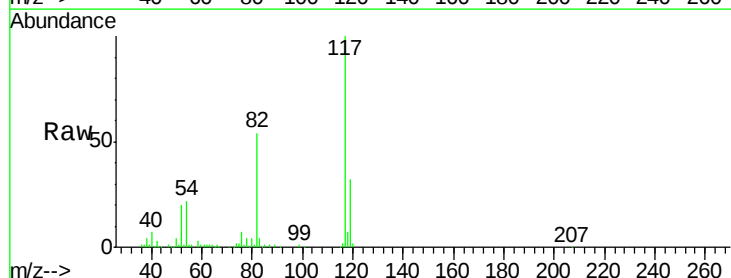
Tgt Ion: 117 Resp: 242288

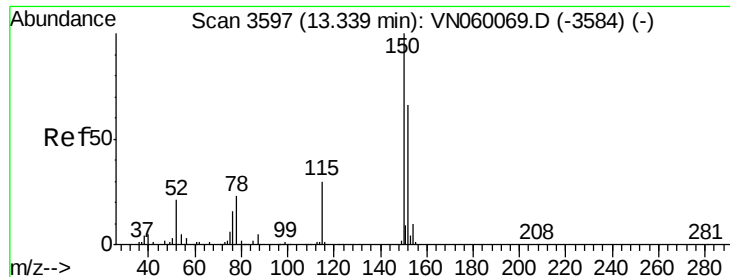
Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

Instrument :

MSVOA_N

ClientSampleId :

PB127055TB

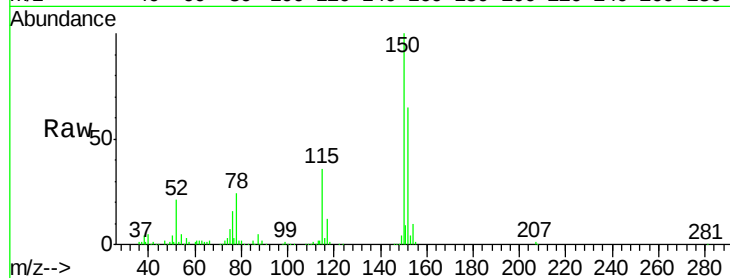
Tot Ion:152 Resp: 106378

Ion Ratio Lower Upper

152 100

115 56.6 28.9 86.8

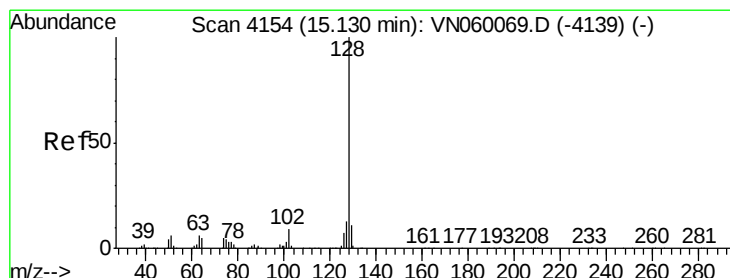
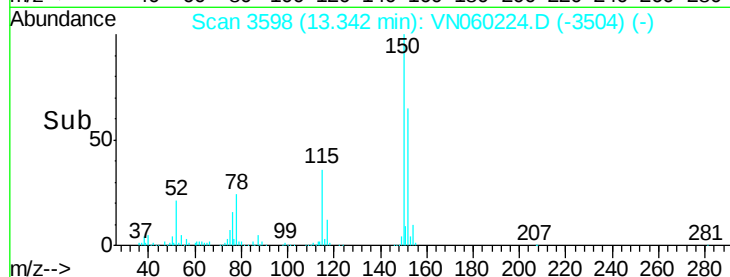
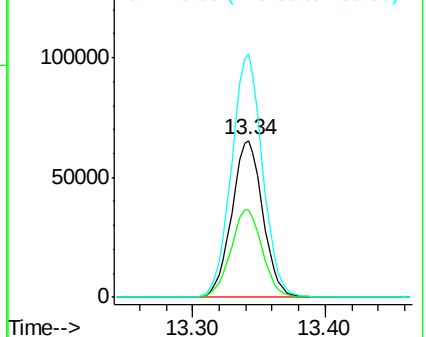
150 155.4 0.0 342.4



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



#95

Naphthalene

Concen: 1.414 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060224.D

Acq: 25 Feb 2020 11:26

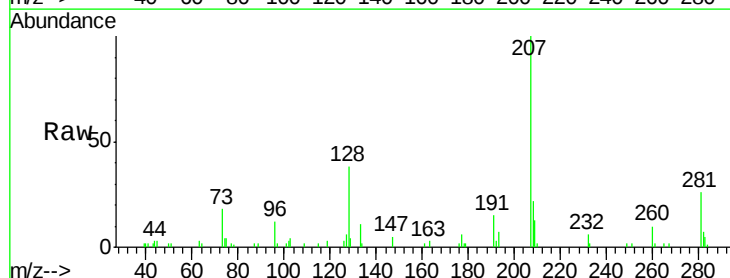
Tgt Ion:128 Resp: 7665

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

