

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060234.D
 Acq On : 25 Feb 2020 15:13
 Operator : JC/MD
 Sample : PB127055ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055ZHE#15

Quant Time: Feb 25 22:49:01 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

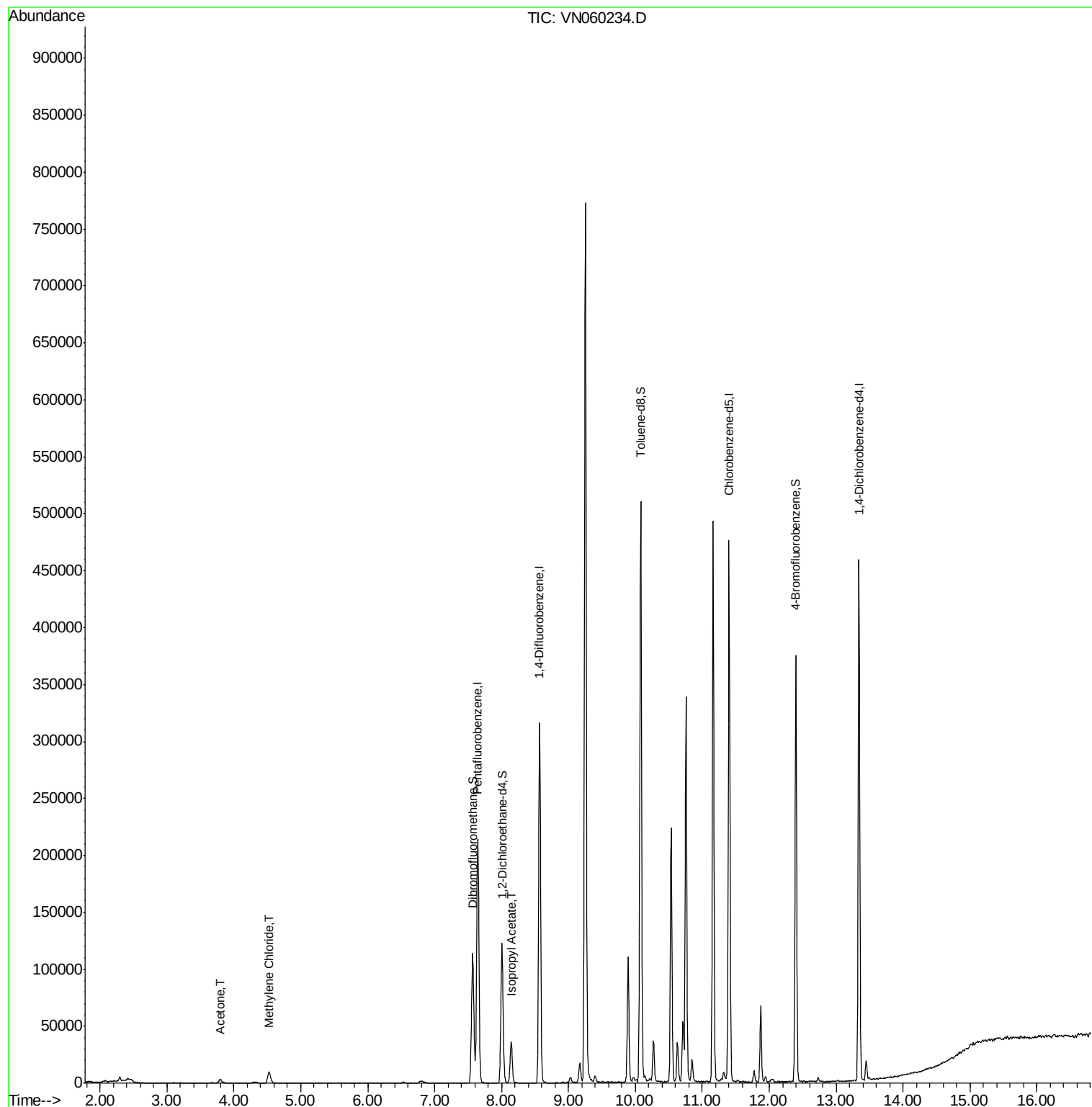
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107423	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.57	113	86793	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.08	98	352706	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	127925	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
Target Compounds						
16) Acetone	3.80	43	6069	6.292	ug/l	99
20) Methylene Chloride	4.52	84	8199	4.260	ug/l #	94
43) Isopropyl Acetate	8.14	43	43885	10.725	ug/l #	90

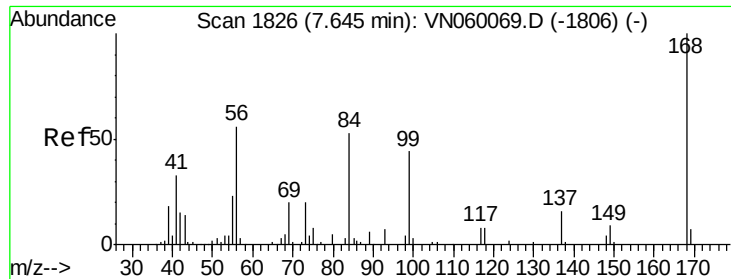
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060234.D

Acq: 25 Feb 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

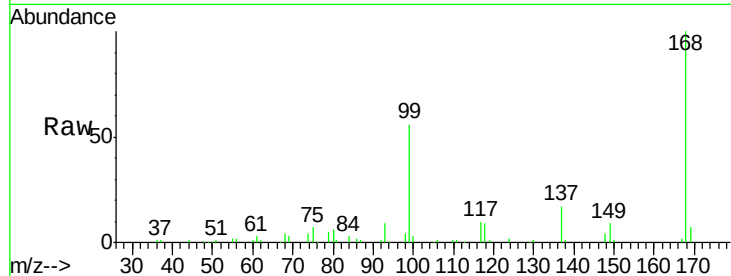
PB127055ZHE#15

Tot Ion:168 Resp: 181734

Ion Ratio Lower Upper

168 100

99 55.6 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

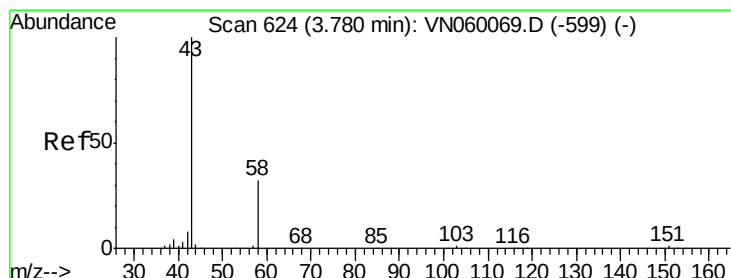
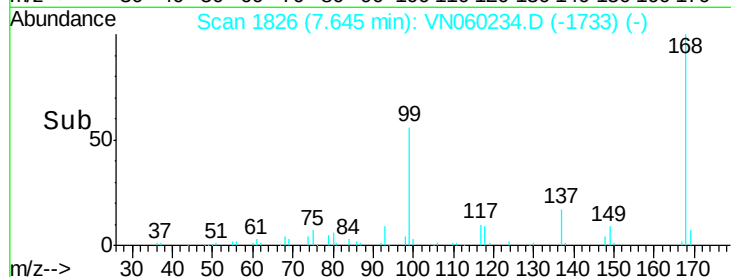
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.292 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060234.D

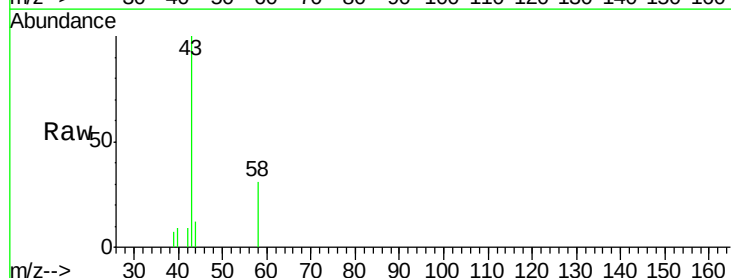
Acq: 25 Feb 2020 15:13

Tgt Ion: 43 Resp: 6069

Ion Ratio Lower Upper

43 100

58 31.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

2000

1500

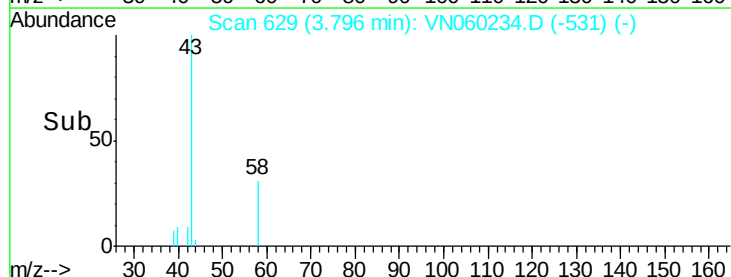
1000

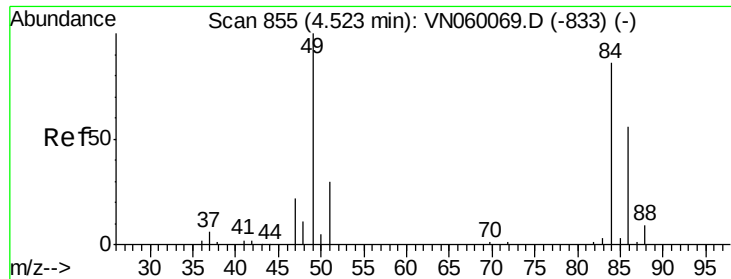
500

0

3.70 3.75 3.80 3.85

Time-->

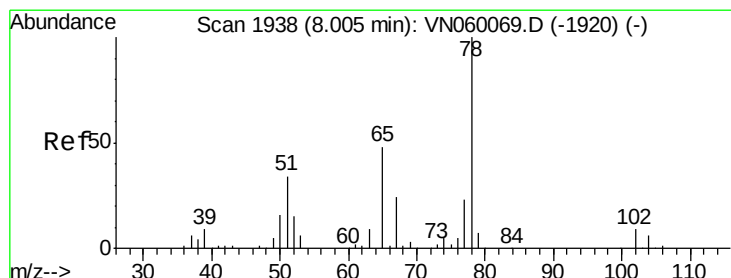
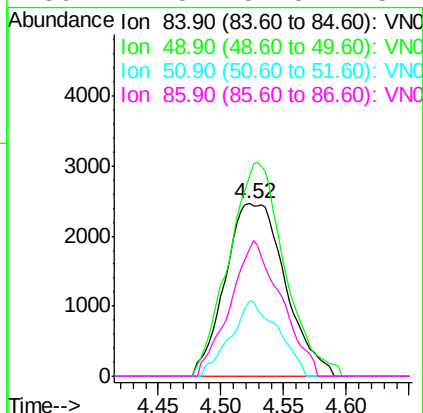
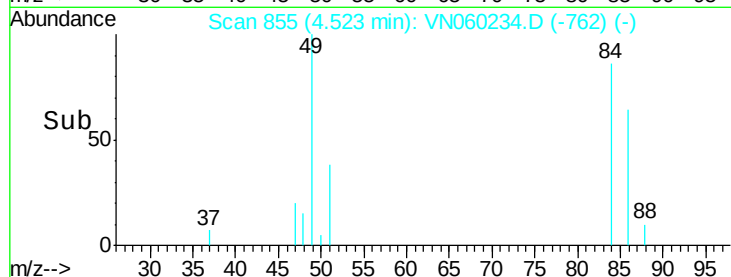
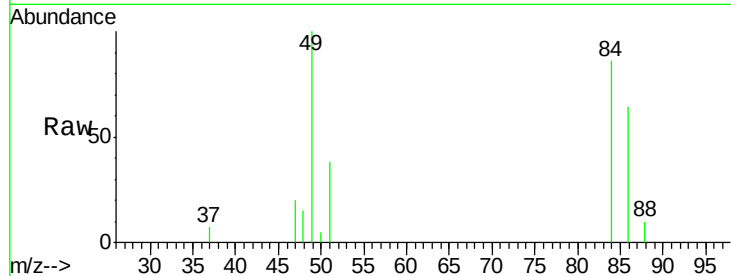




#20
Methylene Chloride
Concen: 4.260 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060234.D
Acq: 25 Feb 2020 15:13

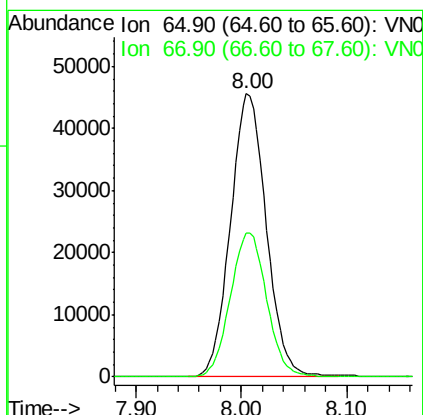
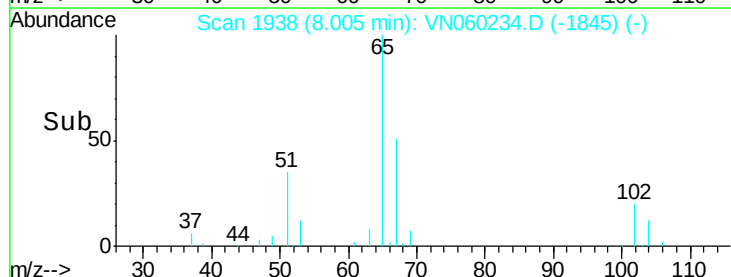
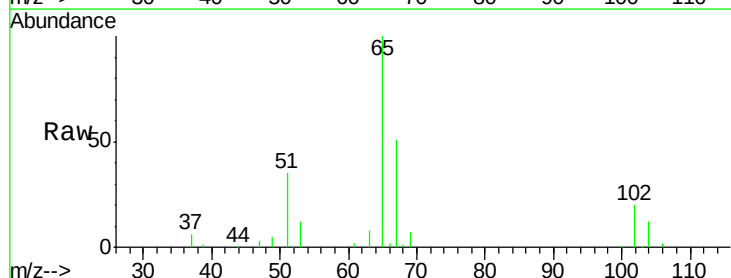
Instrument :
MSVOA_N
ClientSampleId :
PB127055ZHE#15

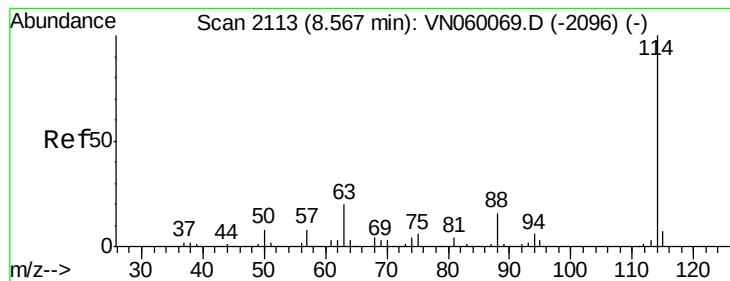
Tot Ion: 84 Resp: 8199
Ion Ratio Lower Upper
84 100
49 116.3 93.4 140.0
51 44.0 28.4 42.6#
86 74.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.577 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060234.D
Acq: 25 Feb 2020 15:13

Tgt Ion: 65 Resp: 107423
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060234.D

Acq: 25 Feb 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#15

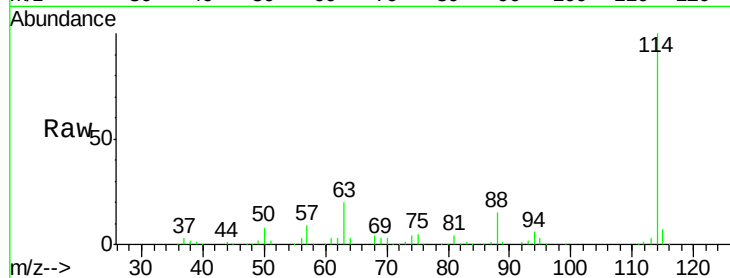
Tot Ion:114 Resp: 285940

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

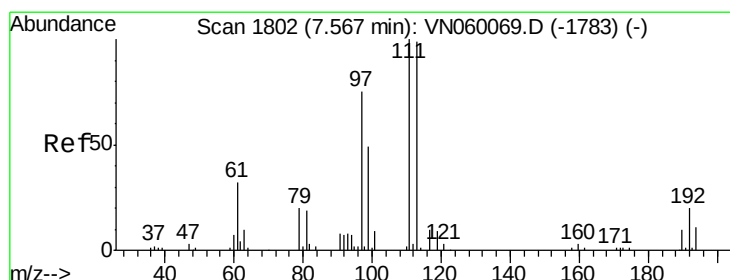
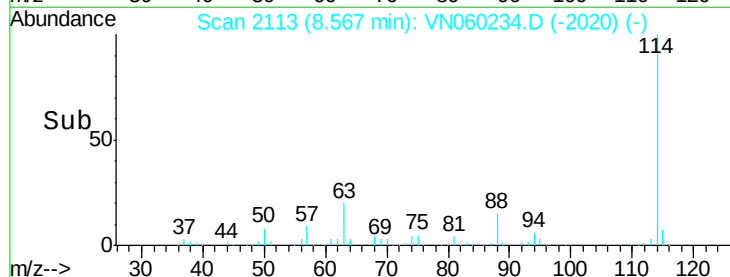
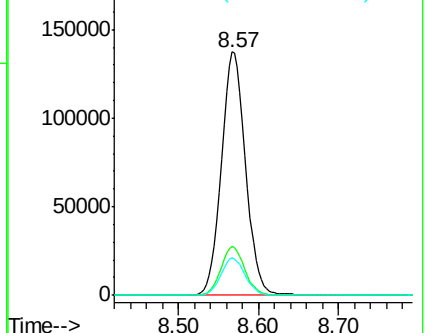
88 15.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.379 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060234.D

Acq: 25 Feb 2020 15:13

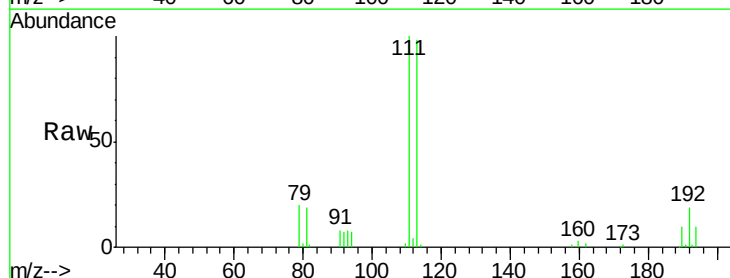
Tgt Ion:113 Resp: 86793

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

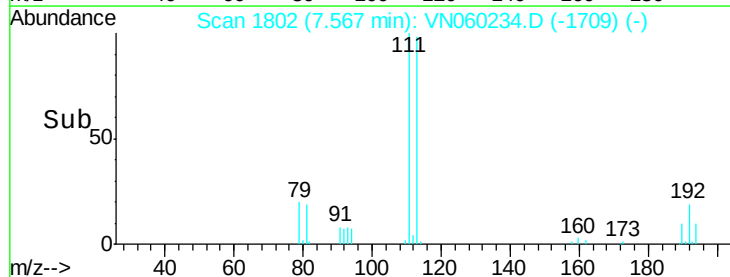
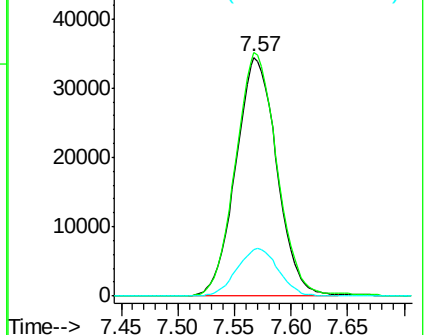
192 20.1 16.2 24.2

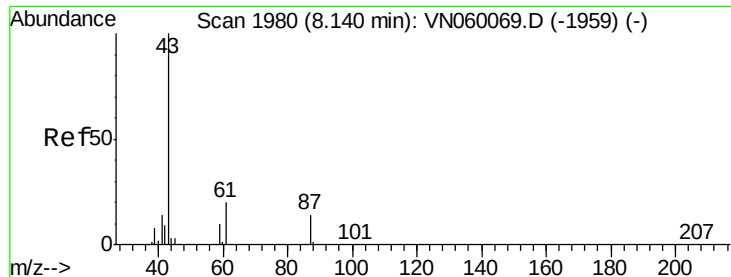


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.725 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060234.D

Acq: 25 Feb 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#15

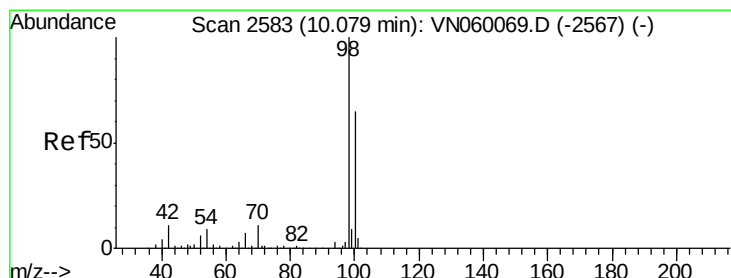
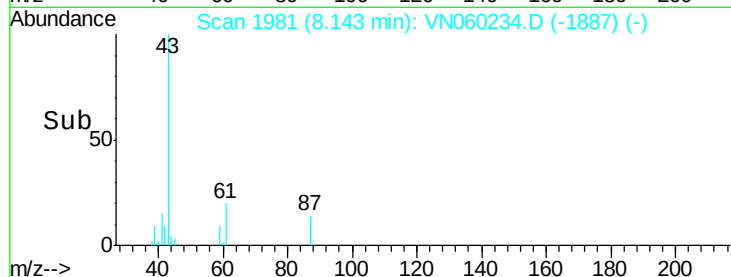
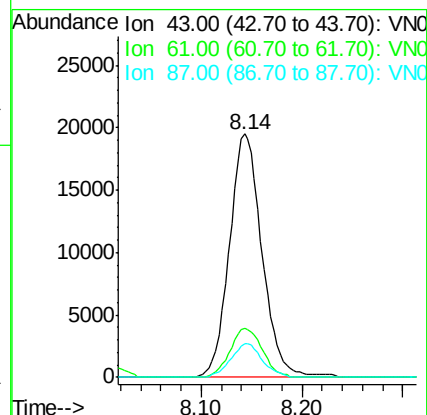
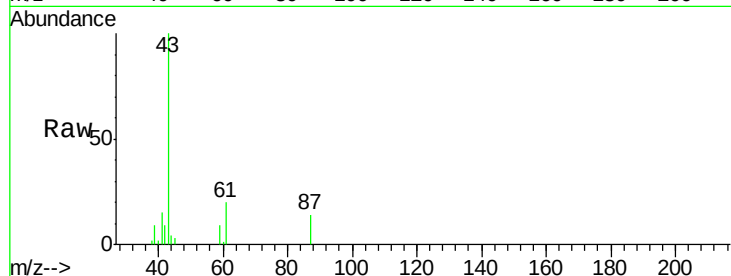
Tot Ion: 43 Resp: 43885

Ion Ratio Lower Upper

43 100

61 19.9 21.8 32.6#

87 13.4 11.4 17.2



#50

Toluene-d8

Concen: 50.957 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060234.D

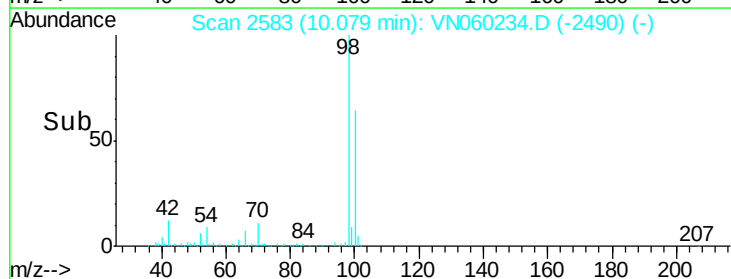
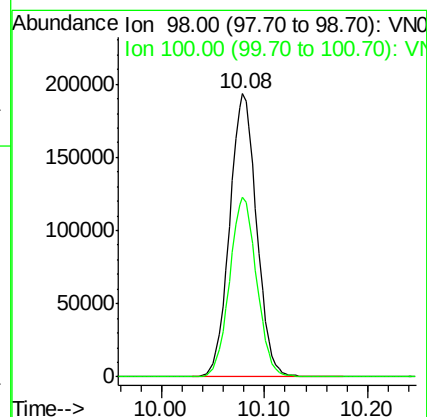
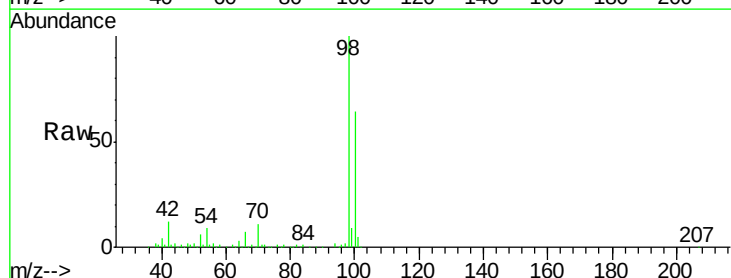
Acq: 25 Feb 2020 15:13

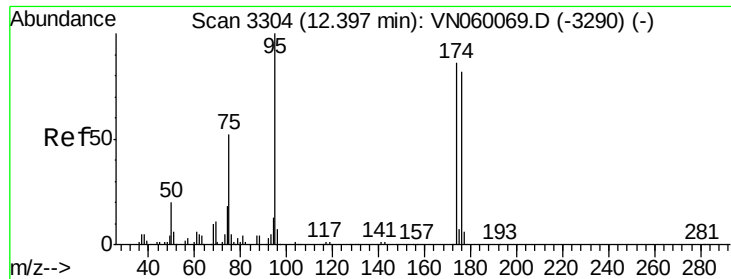
Tgt Ion: 98 Resp: 352706

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.297 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060234.D

Acq: 25 Feb 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#15

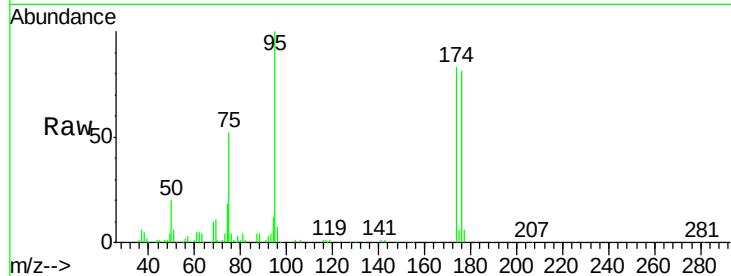
Tot Ion: 95 Resp: 127925

Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.8

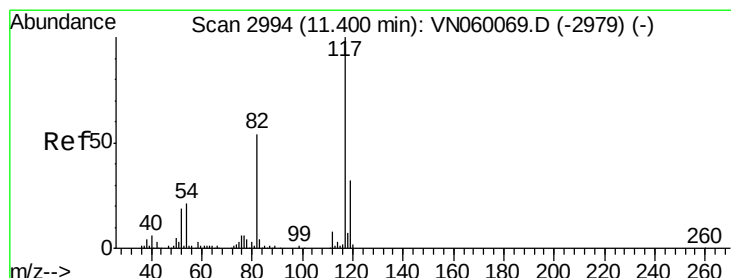
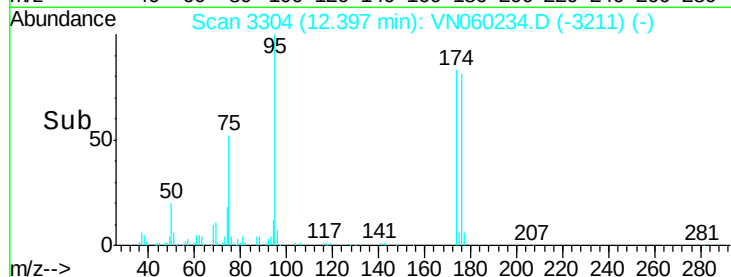
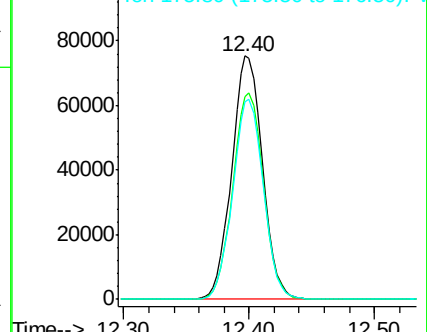
176 82.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060234.D

Acq: 25 Feb 2020 15:13

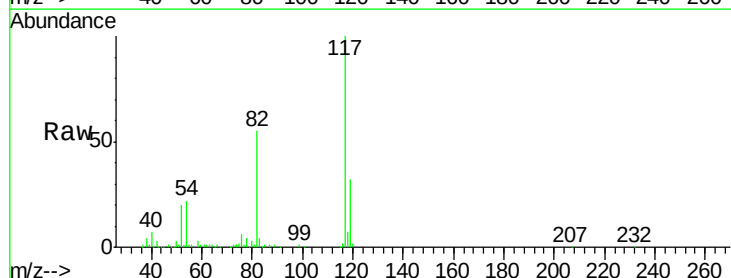
Tgt Ion: 117 Resp: 274841

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

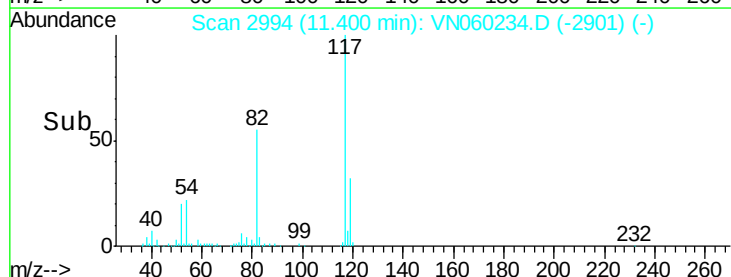
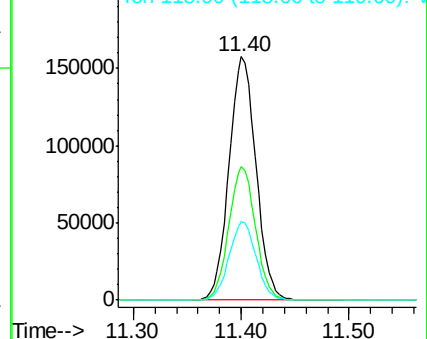
119 32.0 25.8 38.6

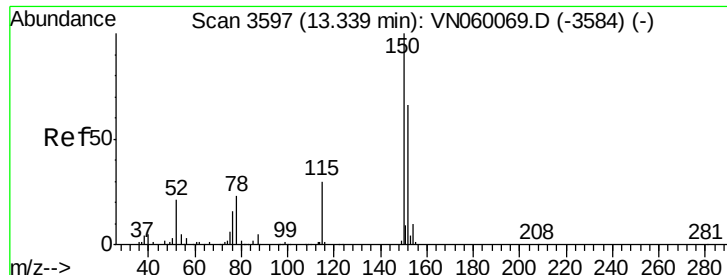


Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060234.D

Acq: 25 Feb 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#15

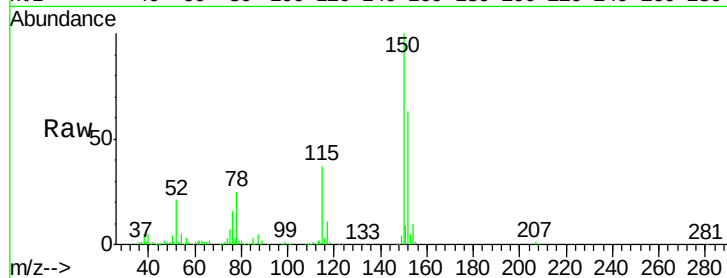
Tot Ion:152 Resp: 125346

Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.8

150 156.4 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

