

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060629.D
 Acq On : 19 Mar 2020 12:21
 Operator : JC/MD
 Sample : PB127661ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661ZHE#01

Quant Time: Mar 20 03:41:00 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

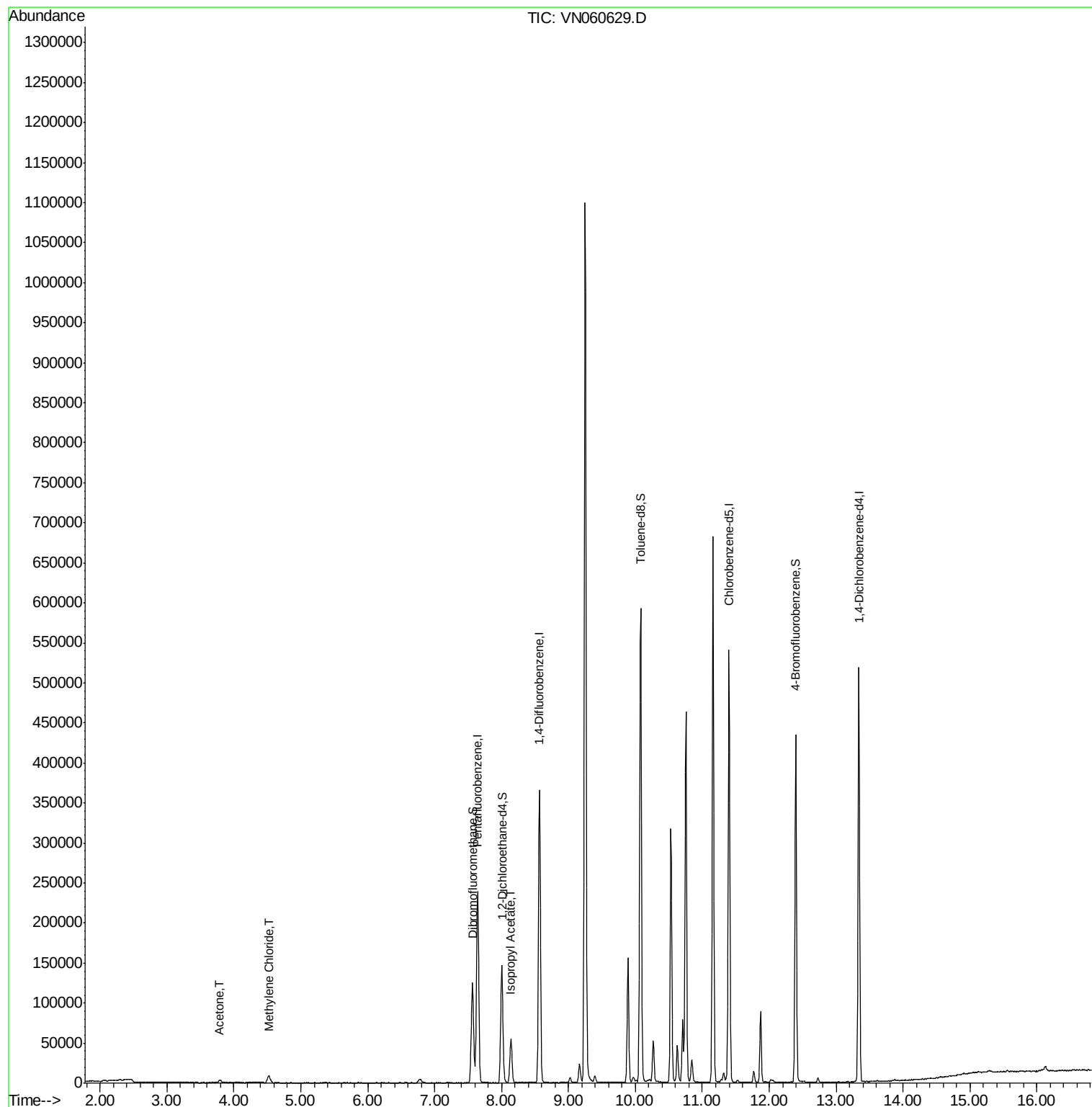
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	329490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127471	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
35) Dibromofluoromethane	7.57	113	96386	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.08	98	405730	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	149319	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
16) Acetone	3.79	43	6574	6.789	ug/l	93
20) Methylene Chloride	4.52	84	7048	2.959	ug/l	94
43) Isopropyl Acetate	8.14	43	66151	11.635	ug/l #	91

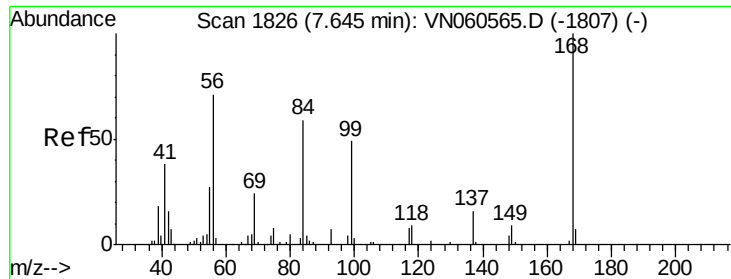
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060629.D

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Instrument :

MSVOA_N

ClientSampleId :

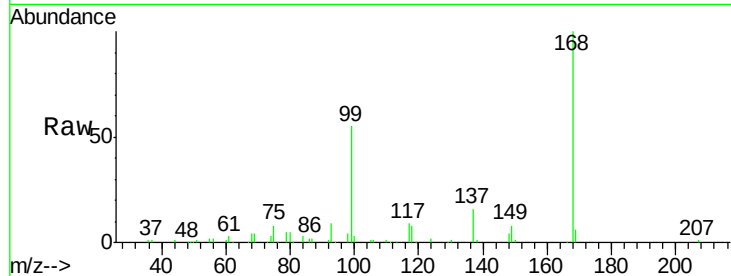
PB127661ZHE#01

Tot Ion:168 Resp: 199125

Ion Ratio Lower Upper

168 100

99 54.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

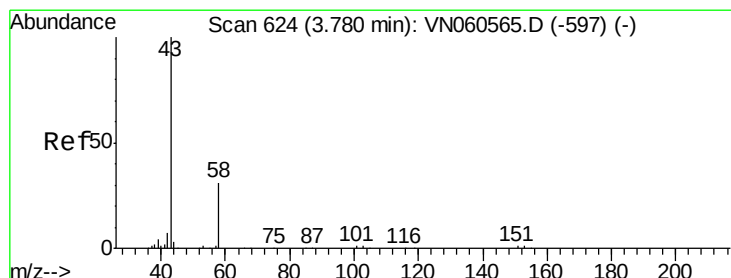
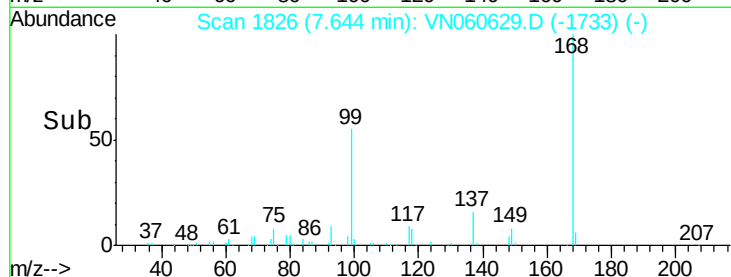
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.789 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060629.D

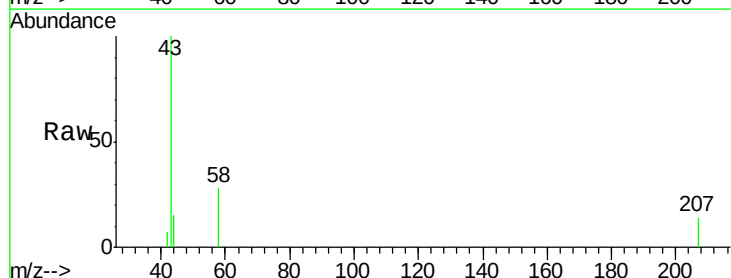
Acq: 19 Mar 2020 12:21

Tgt Ion: 43 Resp: 6574

Ion Ratio Lower Upper

43 100

58 27.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

2500

2000

1500

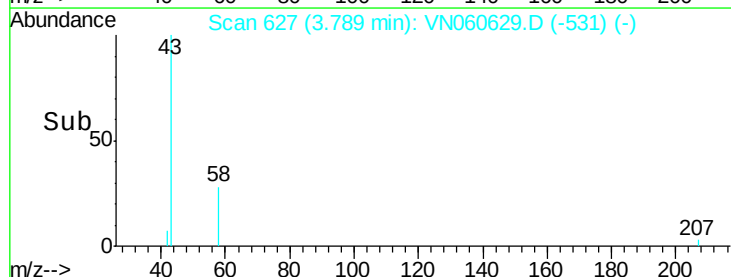
1000

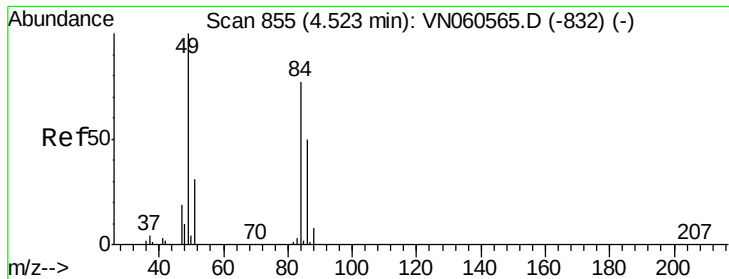
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 2.959 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060629.D

Acq: 19 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#01

Tot Ion: 84 Resp: 7048

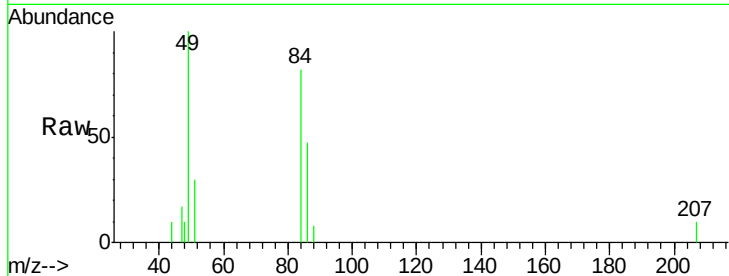
Ion Ratio Lower Upper

84 100

49 122.6 103.3 154.9

51 36.8 31.6 47.4

86 57.6 52.0 78.0

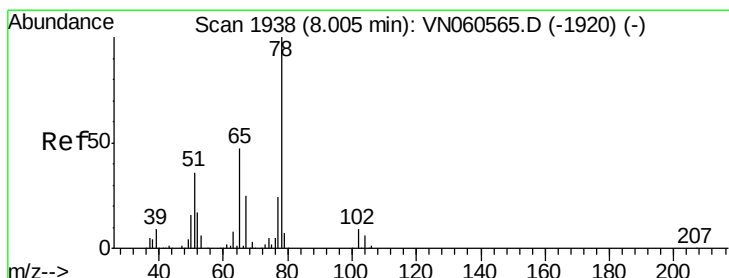
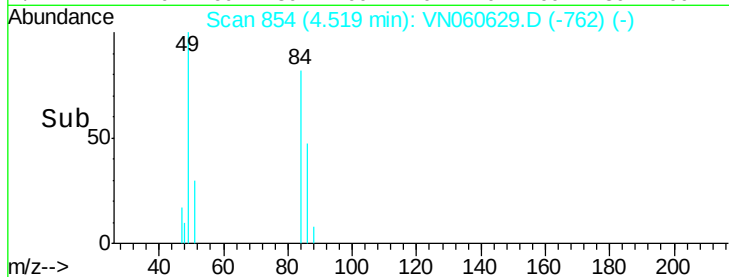
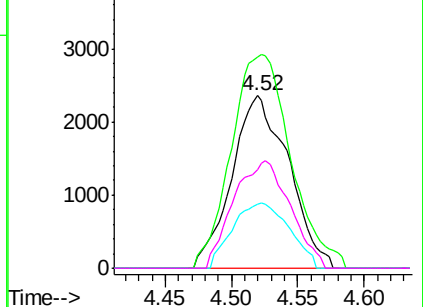


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 46.632 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060629.D

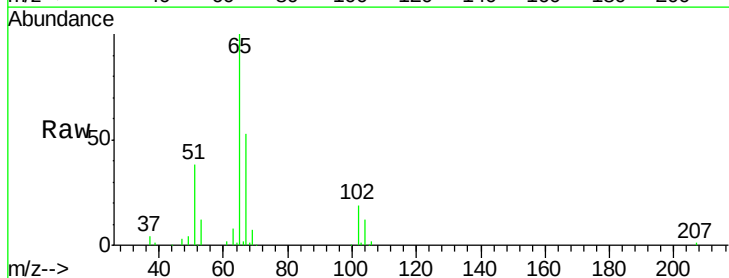
Acq: 19 Mar 2020 12:21

Tgt Ion: 65 Resp: 127471

Ion Ratio Lower Upper

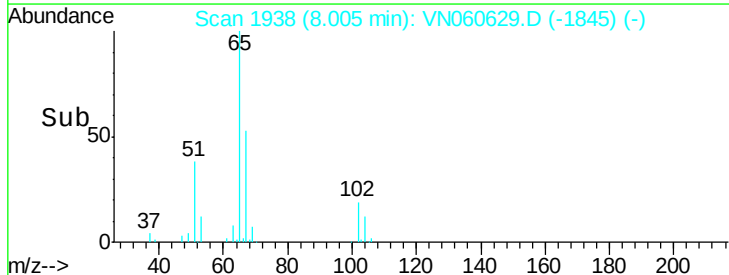
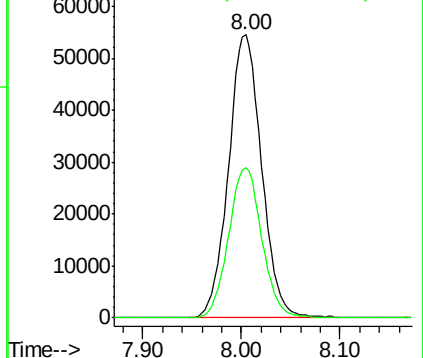
65 100

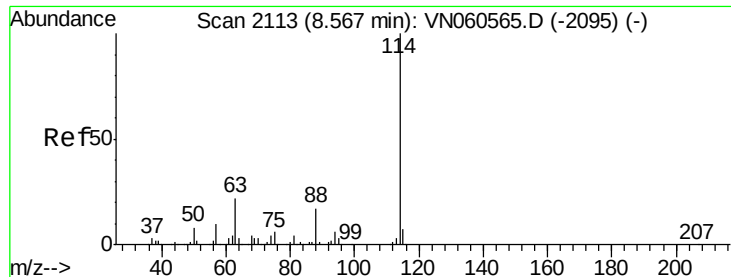
67 53.3 0.0 107.6



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: VN060629.D

Acq: 19 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#01

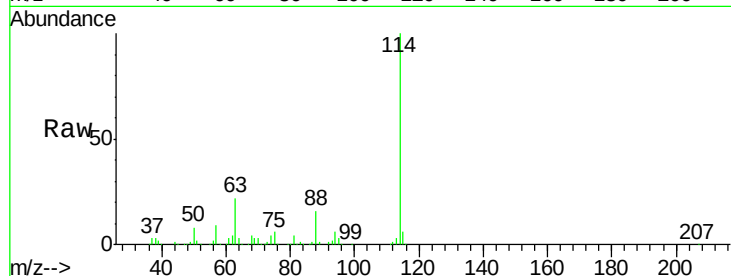
Tot Ion:114 Resp: 329490

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

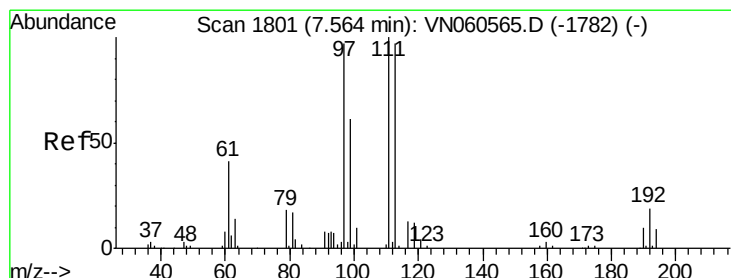
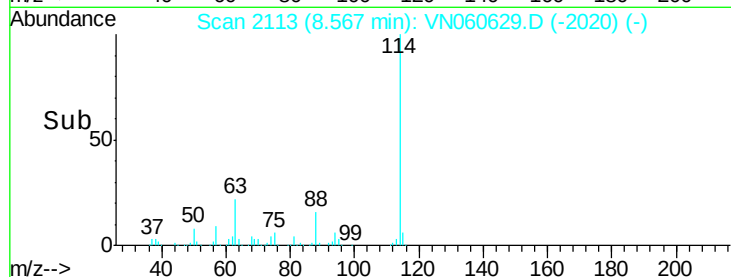
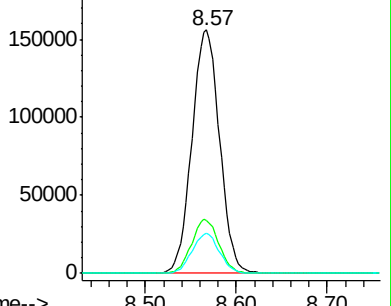
88 16.4 0.0 33.0



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: 48.379 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060629.D

Acq: 19 Mar 2020 12:21

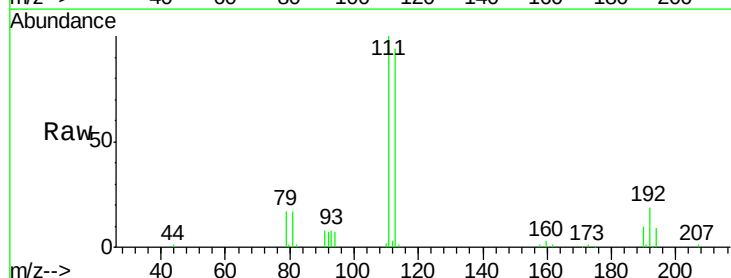
Tgt Ion:113 Resp: 96386

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

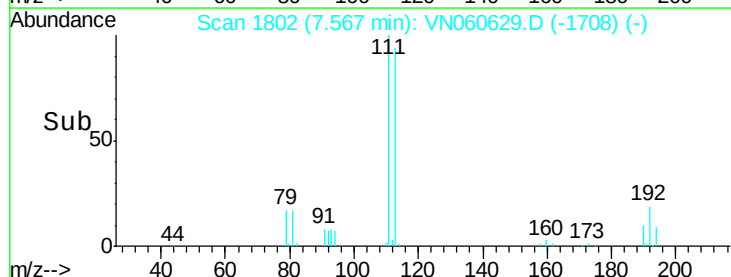
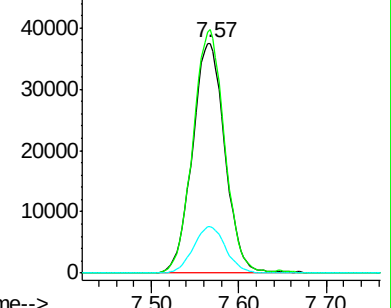
192 20.1 15.8 23.8

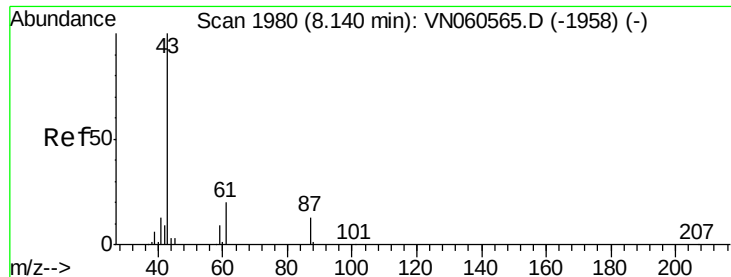


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.635 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060629.D

Acq: 19 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#01

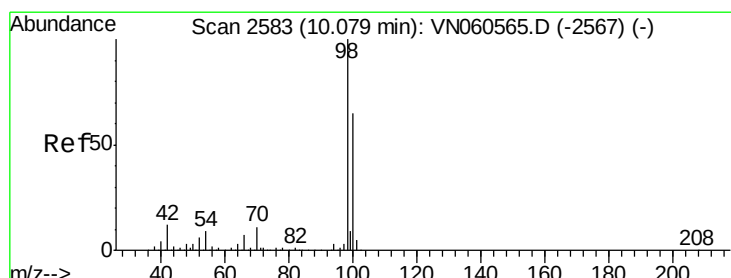
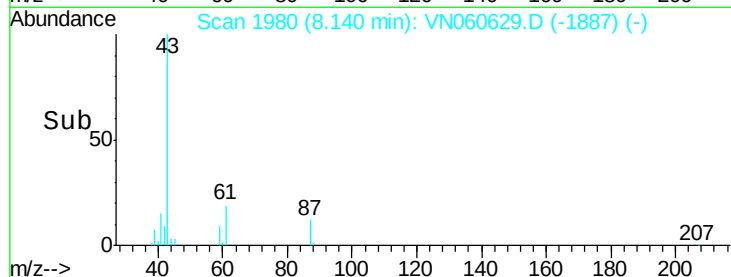
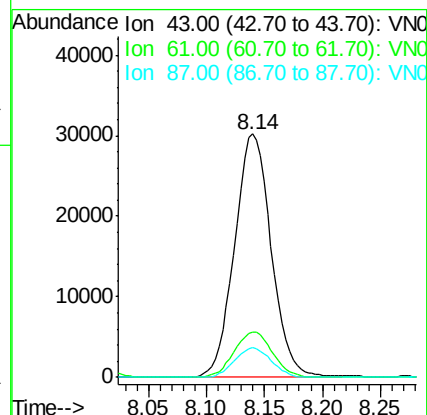
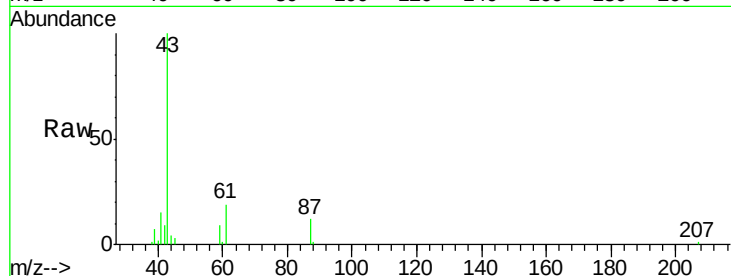
Tot Ion: 43 Resp: 66151

Ion Ratio Lower Upper

43 100

61 19.3 20.7 31.1#

87 12.1 9.8 14.8



#50

Toluene-d8

Concen: 49.857 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060629.D

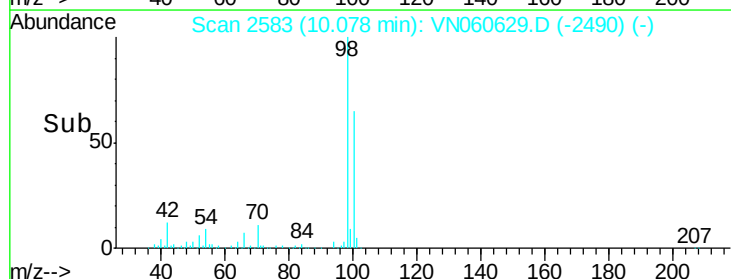
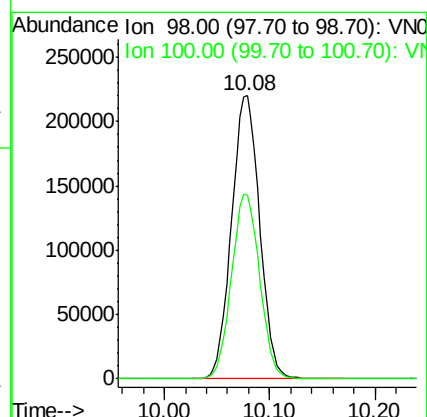
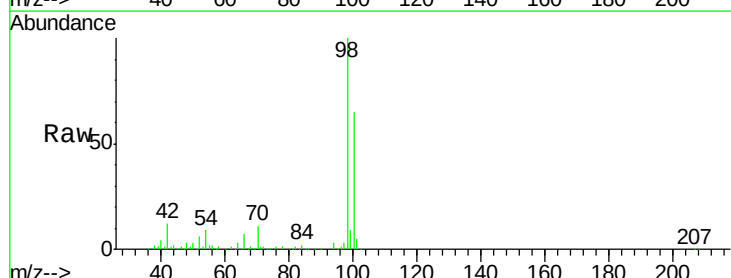
Acq: 19 Mar 2020 12:21

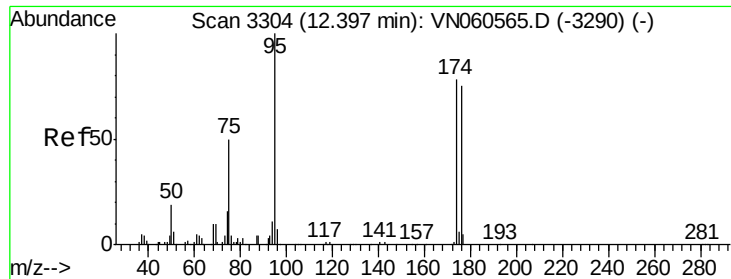
Tgt Ion: 98 Resp: 405730

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.067 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060629.D

Acq: 19 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#01

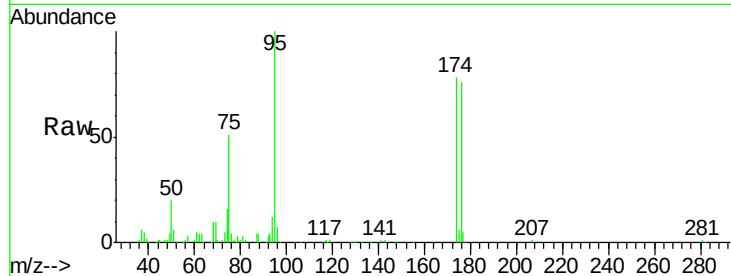
Tot Ion: 95 Resp: 149319

Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.6

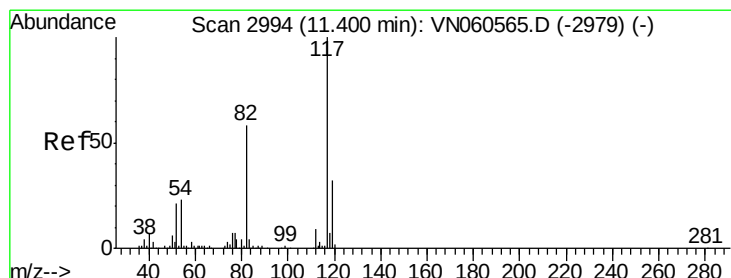
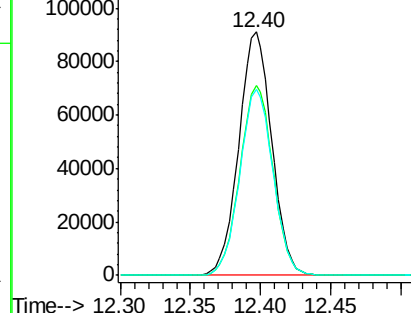
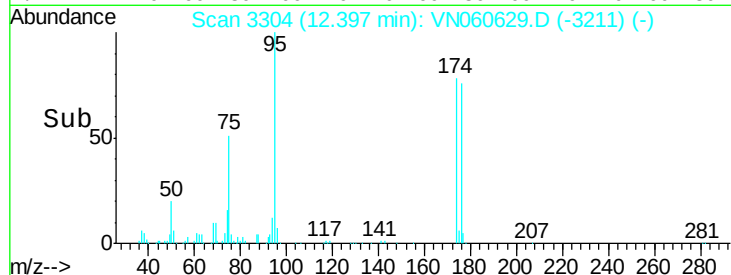
176 76.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060629.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060629.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060629.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060629.D

Acq: 19 Mar 2020 12:21

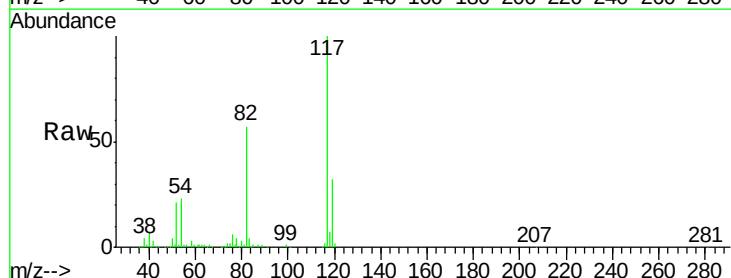
Tgt Ion: 117 Resp: 308218

Ion Ratio Lower Upper

117 100

82 57.3 46.7 70.1

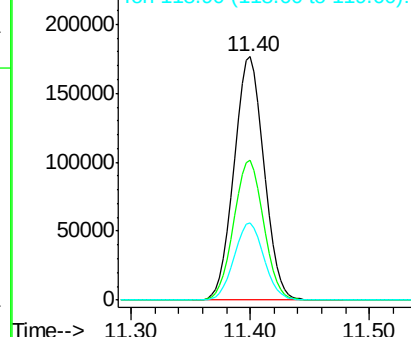
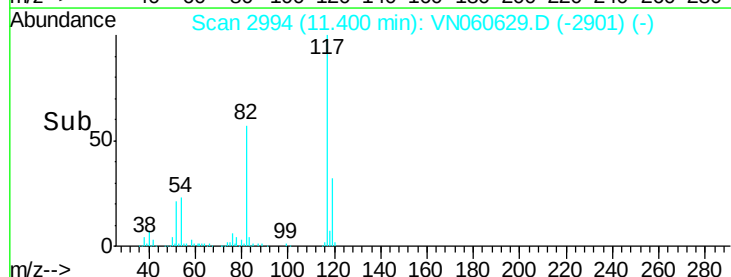
119 31.6 25.5 38.3

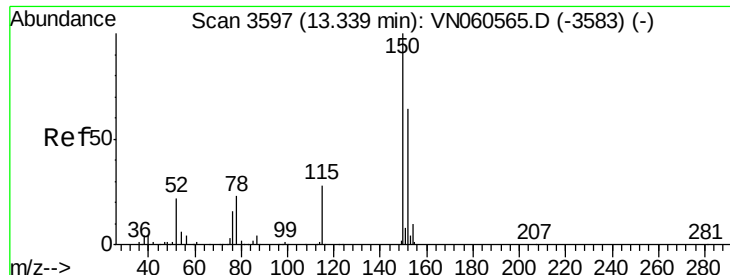


Abundance Ion 116.90 (116.60 to 117.60): VN060629.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060629.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060629.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060629.D

Acq: 19 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

PB127661ZHE#01

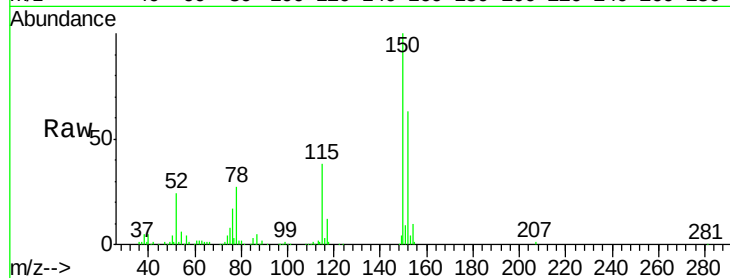
Tot Ion:152 Resp: 135715

Ion Ratio Lower Upper

152 100

115 60.1 30.2 90.6

150 157.8 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

