

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060675.D
 Acq On : 24 Mar 2020 16:22
 Operator : JC/MD
 Sample : PB127723ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127723ZHE#03

Quant Time: Mar 25 10:00:19 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

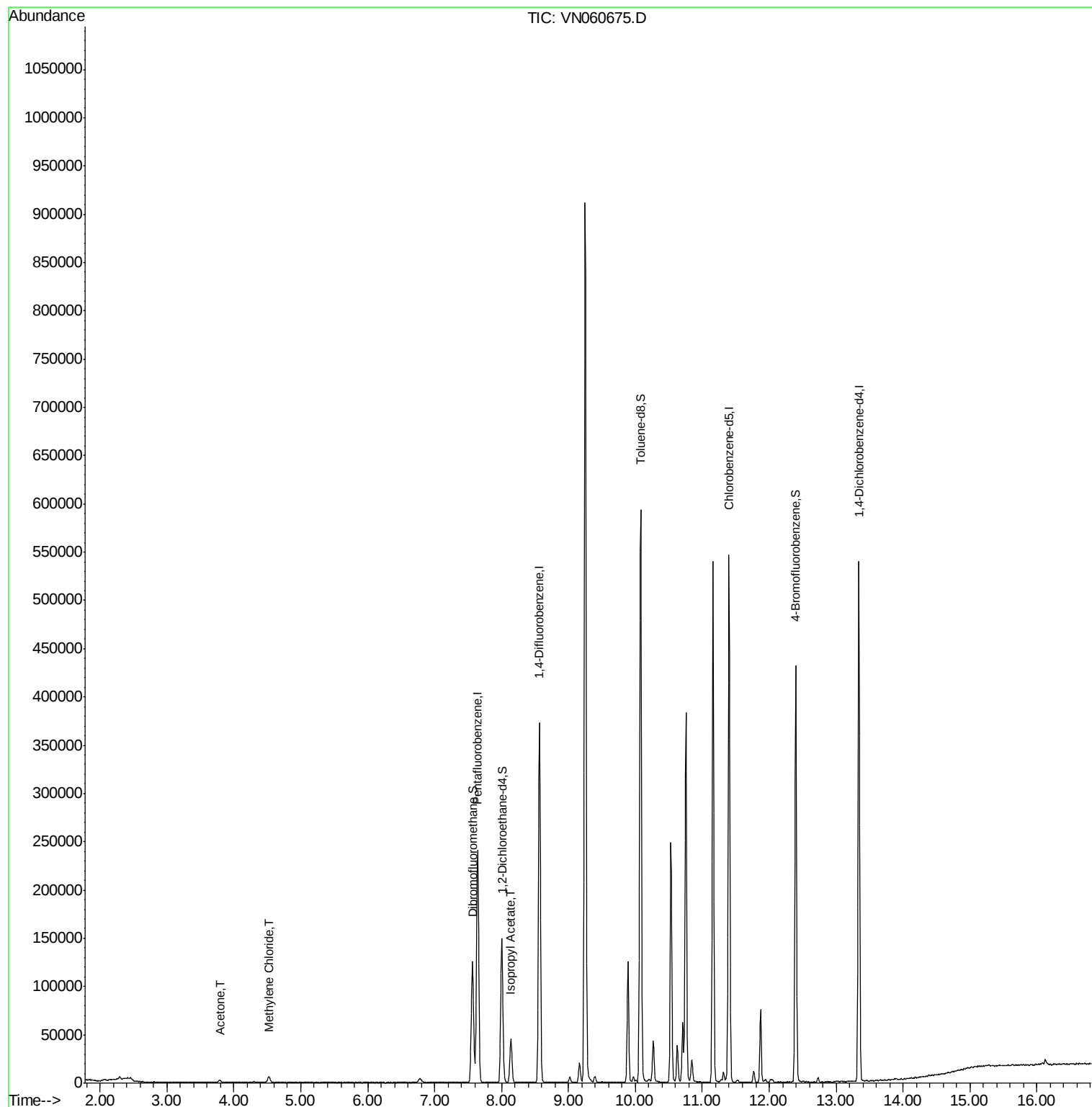
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127699	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	7.57	113	96279	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	10.08	98	407052	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	150894	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
Target Compounds						
16) Acetone	3.79	43	4931	5.105	ug/l	95
20) Methylene Chloride	4.53	84	4780	2.012	ug/l	97
43) Isopropyl Acetate	8.14	43	53776	9.420	ug/l #	91

(#) = 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: VN060675.D

Acq: 24 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

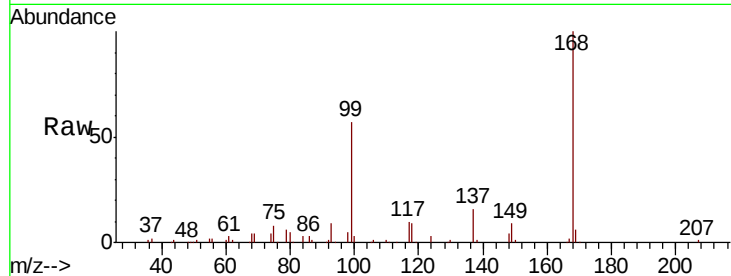
PB127723ZHE#03

Tot Ion:168 Resp: 198636

Ion Ratio Lower Upper

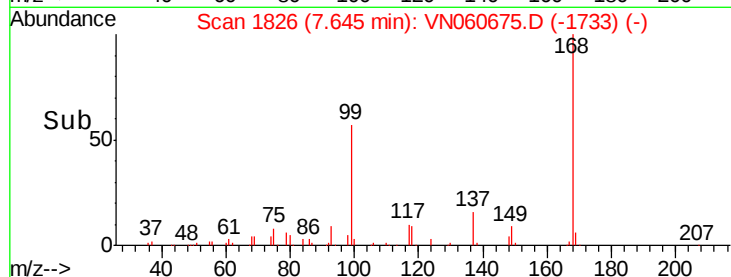
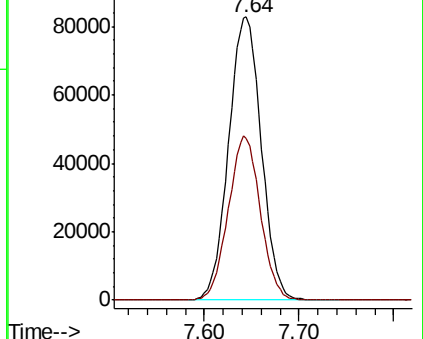
168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060675.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060675.D (-1733) (-)



#16

Acetone

Concen: 5.105 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060675.D

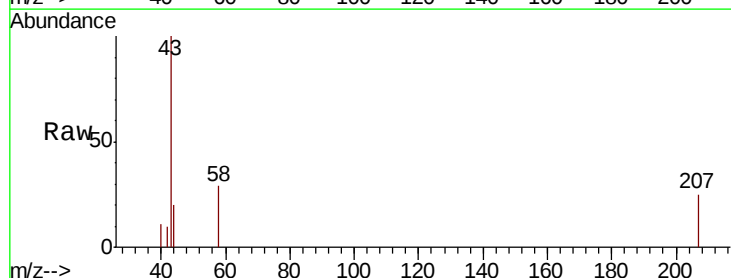
Acq: 24 Mar 2020 16:22

Tgt Ion: 43 Resp: 4931

Ion Ratio Lower Upper

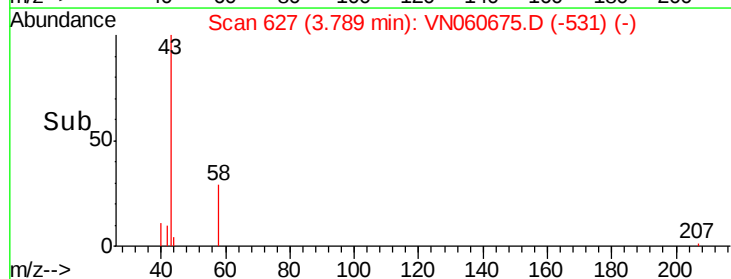
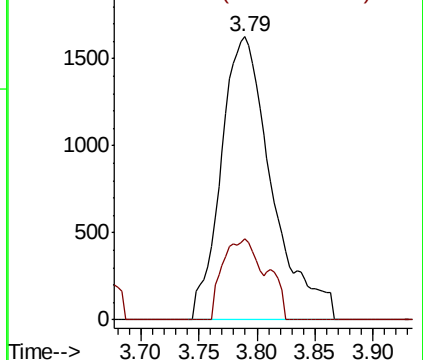
43 100

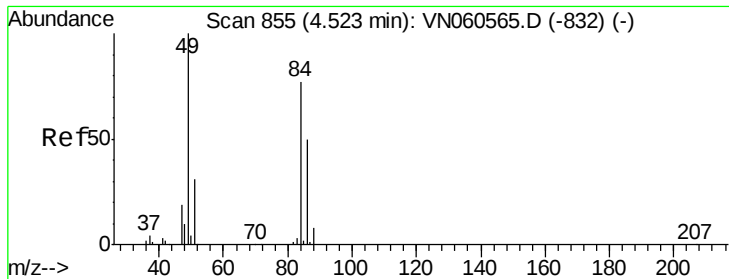
58 28.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060675.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060675.D (-531) (-)

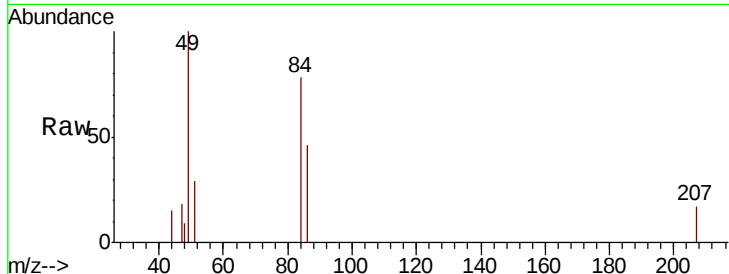




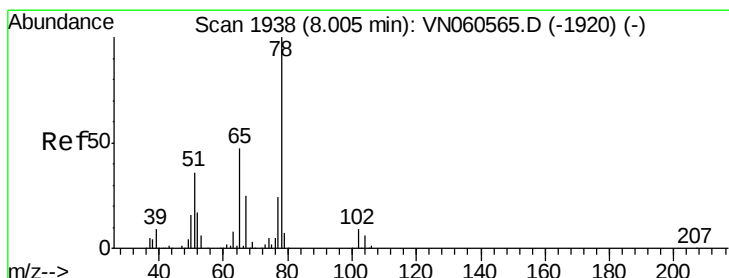
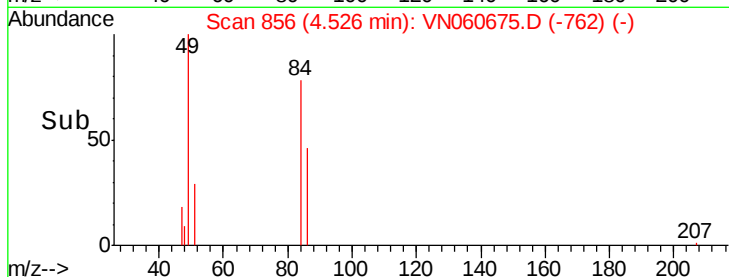
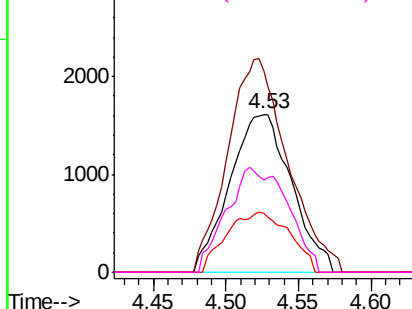
#20
Methvlene Chloride
Concen: 2.012 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060675.D
Acq: 24 Mar 2020 16:22

Instrument :
MSVOA_N
ClientSampleId :
PB127723ZHE#03

Tot Ion: 84 Resp: 4780
Ion Ratio Lower Upper
84 100
49 127.8 103.3 154.9
51 37.2 31.6 47.4
86 58.7 52.0 78.0

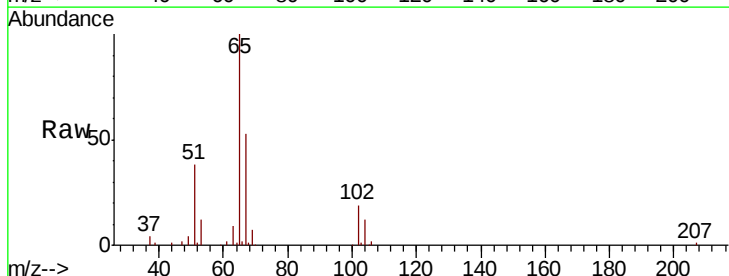


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

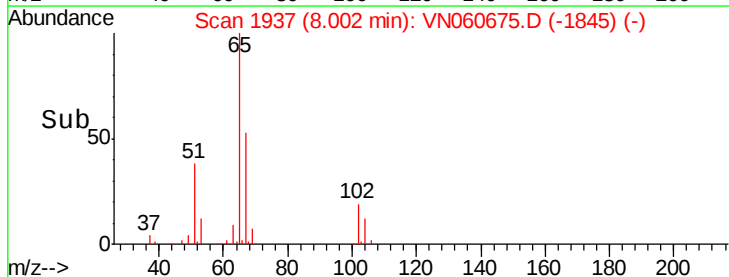
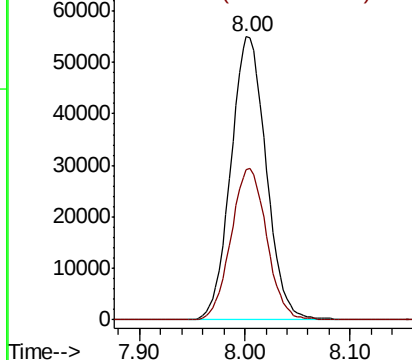


#33
1,2-Dichloroethane-d4
Concen: 46.831 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060675.D
Acq: 24 Mar 2020 16:22

Tgt Ion: 65 Resp: 127699
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060675.D

Acq: 24 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#03

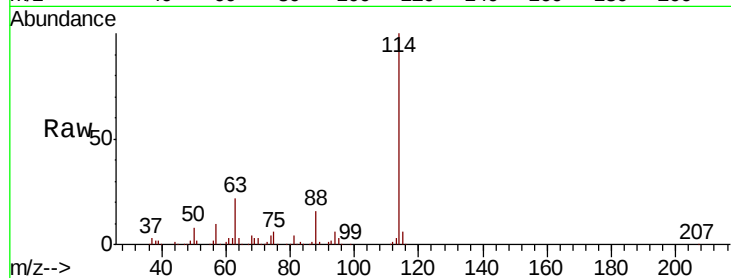
Tot Ion:114 Resp: 330854

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

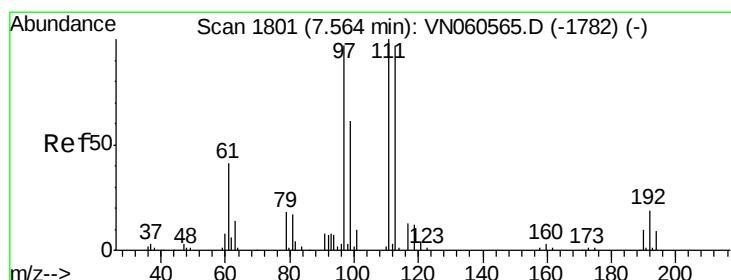
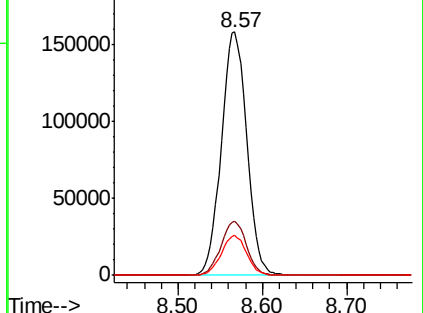
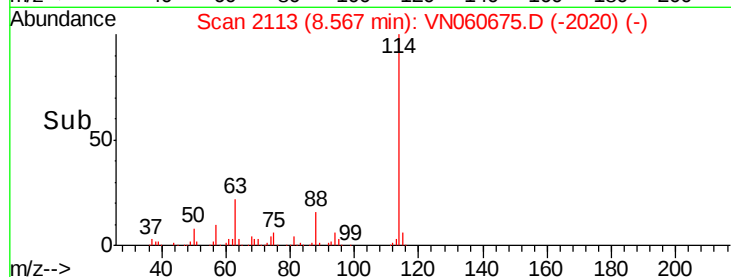
88 16.3 0.0 33.0



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: 48.126 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060675.D

Acq: 24 Mar 2020 16:22

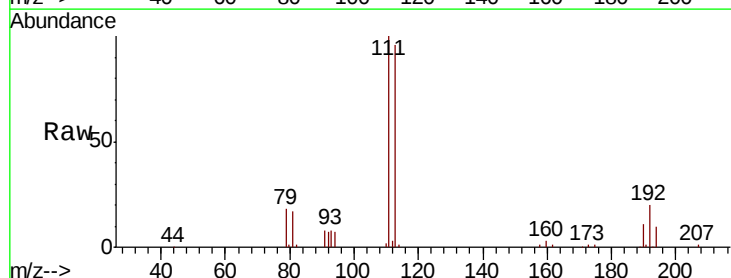
Tgt Ion:113 Resp: 96279

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

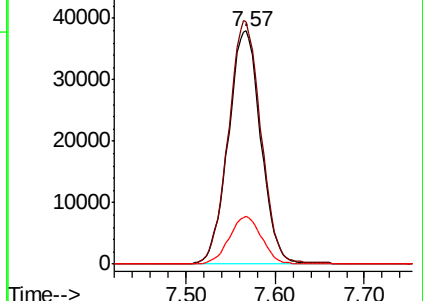
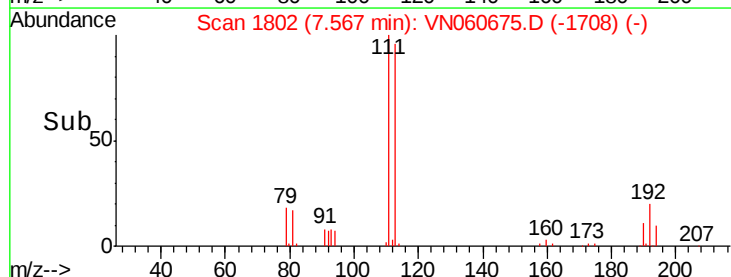
192 20.2 15.8 23.8

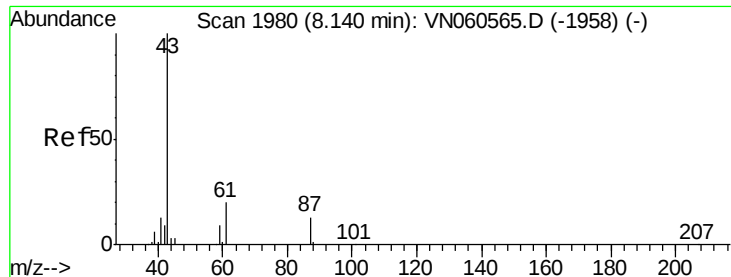


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.420 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060675.D

Acq: 24 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#03

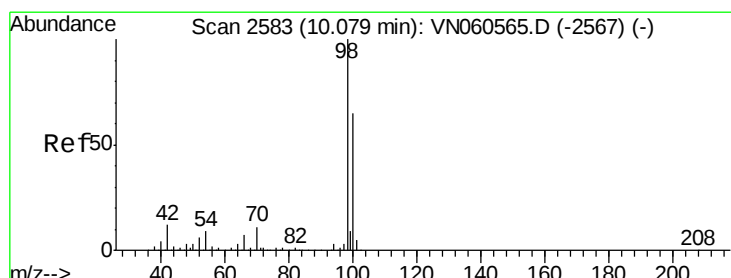
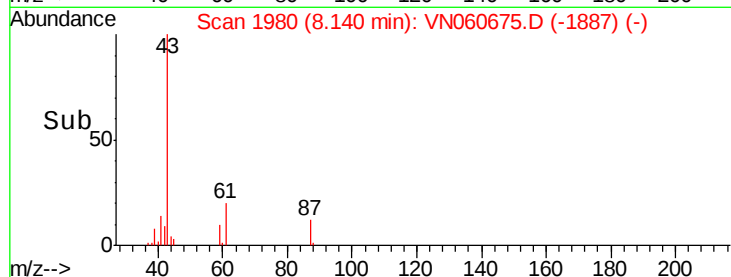
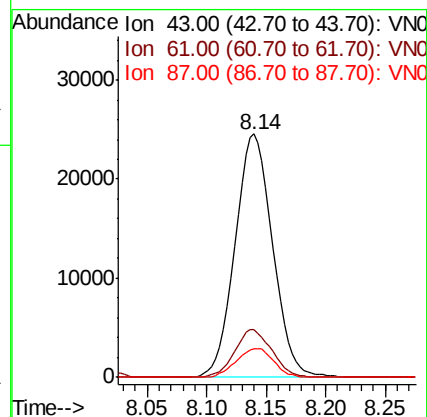
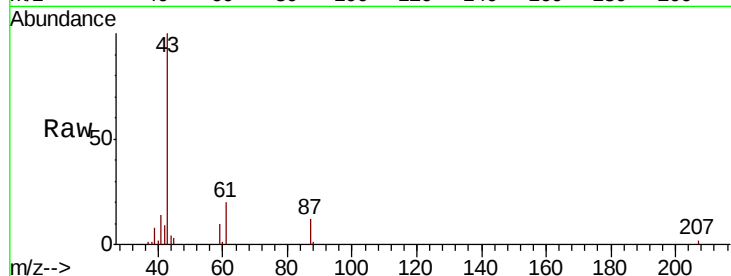
Tot Ion: 43 Resp: 53776

Ion Ratio Lower Upper

43 100

61 19.3 20.7 31.1#

87 11.7 9.8 14.8



#50

Toluene-d8

Concen: 49.813 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060675.D

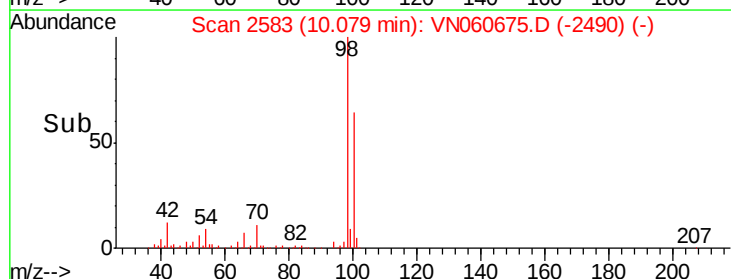
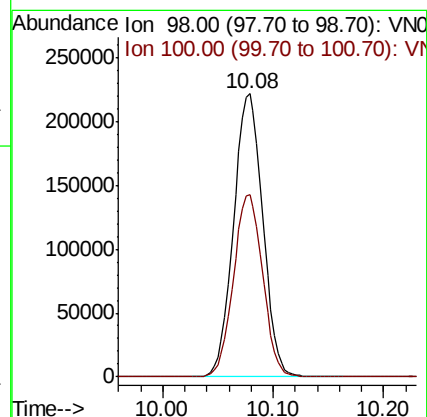
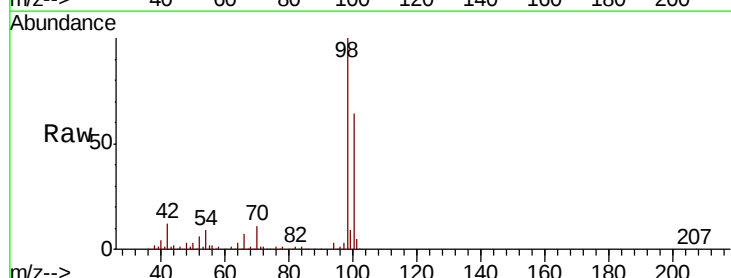
Acq: 24 Mar 2020 16:22

Tgt Ion: 98 Resp: 407052

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.386 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060675.D

Acq: 24 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#03

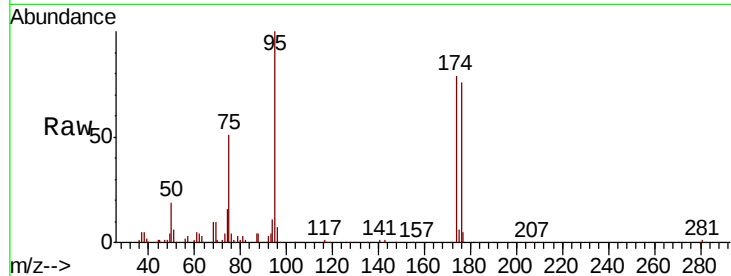
Tot Ion: 95 Resp: 150894

Ion Ratio Lower Upper

95 100

174 78.7 0.0 157.6

176 75.6 0.0 150.6



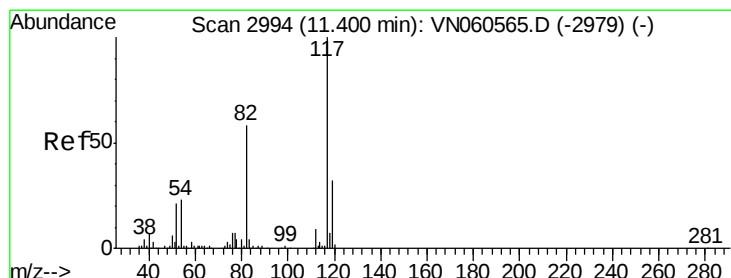
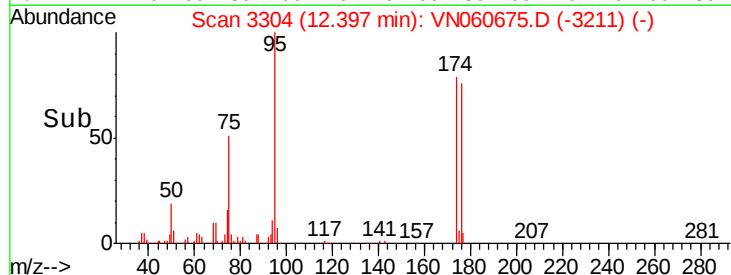
Abundance Ion 94.90 (94.60 to 95.60): VN060675.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060675.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060675.D (-3290) (-)

12.40

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060675.D

Acq: 24 Mar 2020 16:22

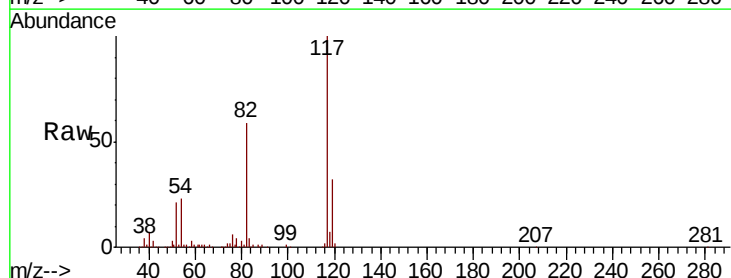
Tgt Ion: 117 Resp: 308384

Ion Ratio Lower Upper

117 100

82 59.5 46.7 70.1

119 31.8 25.5 38.3



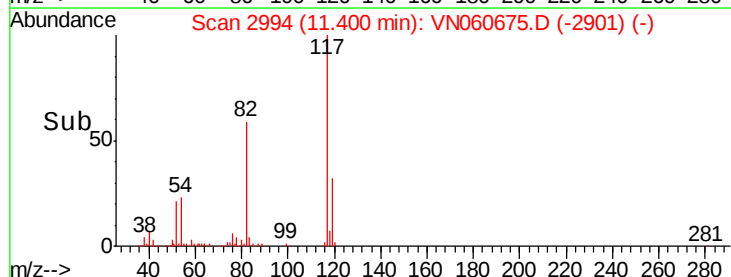
Abundance Ion 116.90 (116.60 to 117.60): VN060675.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060675.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060675.D (-2979) (-)

11.40

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060675.D

Acq: 24 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB127723ZHE#03

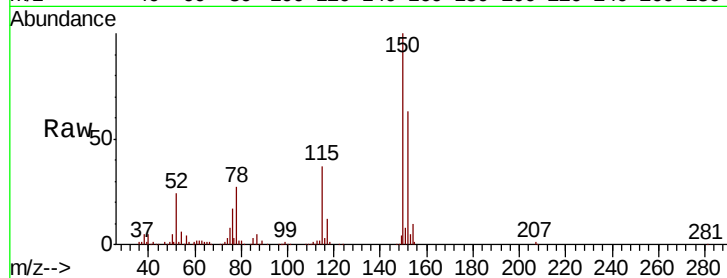
Tot Ion:152 Resp: 140527

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 157.6 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

