

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060671.D
 Acq On : 24 Mar 2020 14:51
 Operator : JC/MD
 Sample : PB127723TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127723TB

Quant Time: Mar 25 09:43:01 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

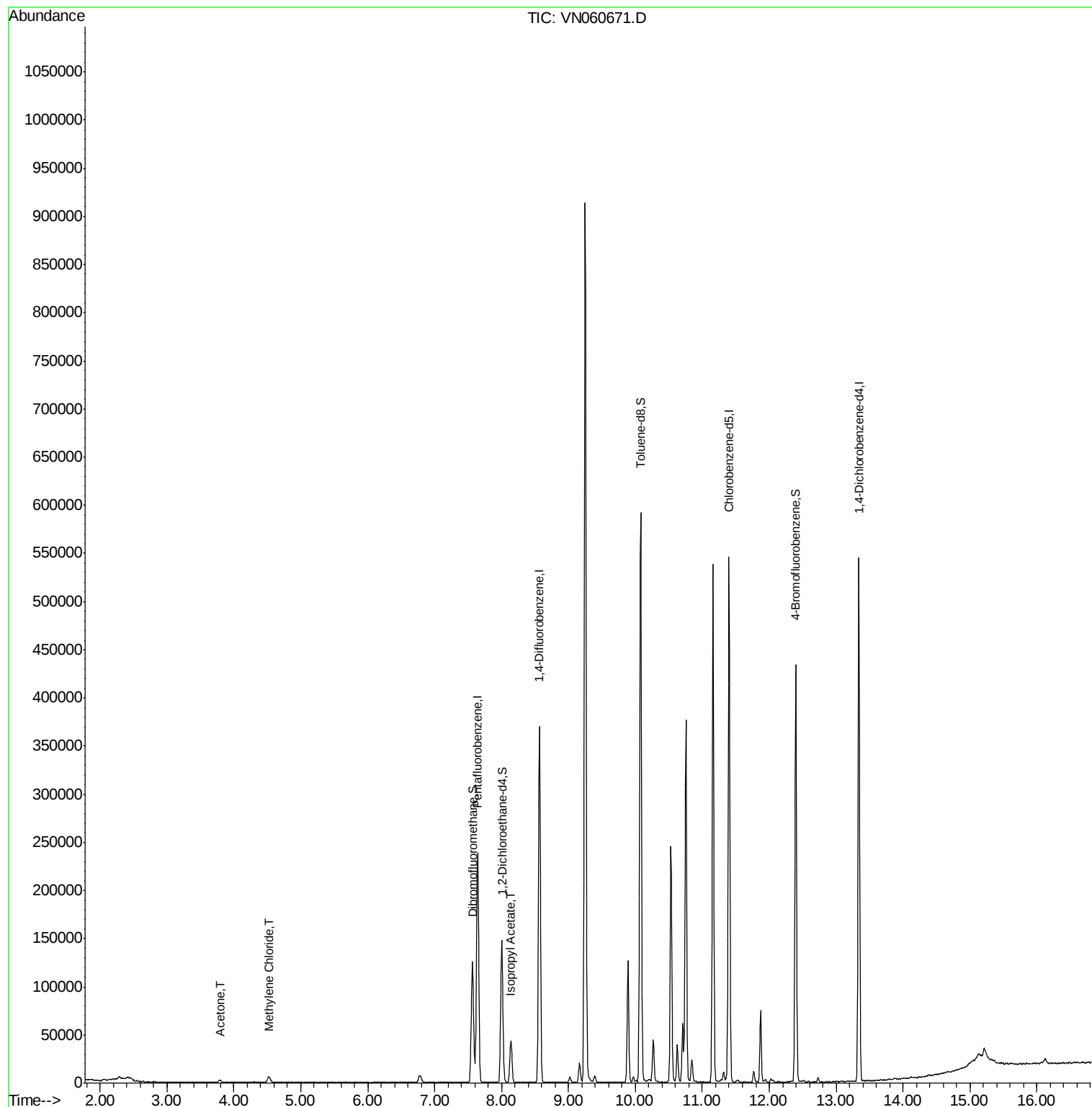
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127205	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
35) Dibromofluoromethane	7.57	113	95939	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.08	98	403516	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	152047	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
Target Compounds						
16) Acetone	3.79	43	4906	5.172	ug/l	97
20) Methylene Chloride	4.53	84	5031	2.156	ug/l	94
43) Isopropyl Acetate	8.14	43	52877	9.491	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# 1825

Delta R.T. -0.00 min

Lab File: VN060671.D

Acq: 24 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

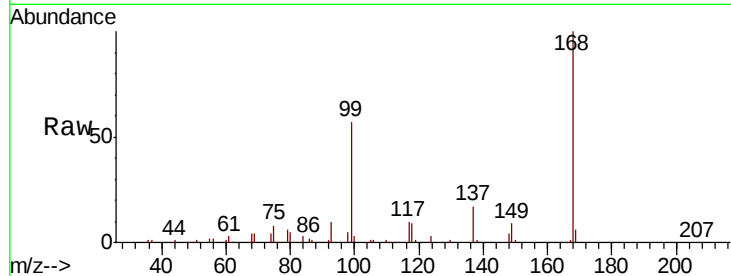
PB127723TB

Tot Ion:168 Resp: 195061

Ion Ratio Lower Upper

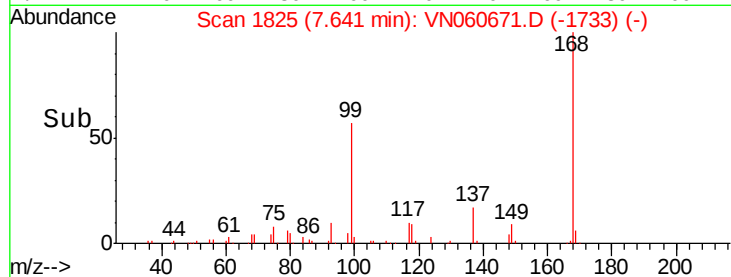
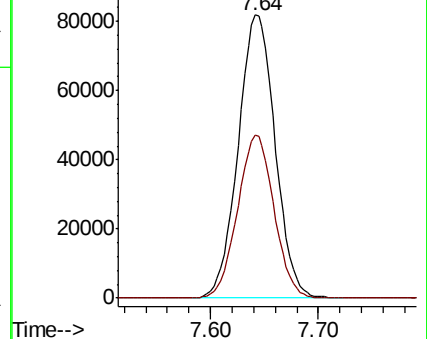
168 100

99 57.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060671.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060671.D (-1733) (-)



#16

Acetone

Concen: 5.172 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060671.D

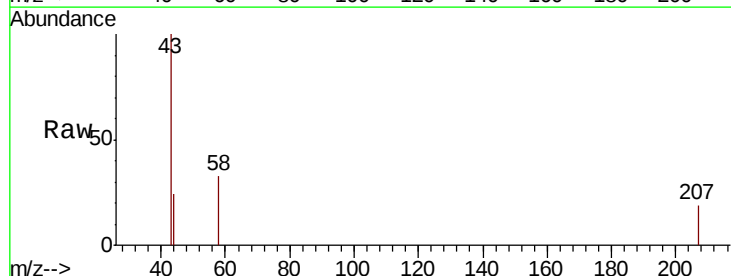
Acq: 24 Mar 2020 14:51

Tgt Ion: 43 Resp: 4906

Ion Ratio Lower Upper

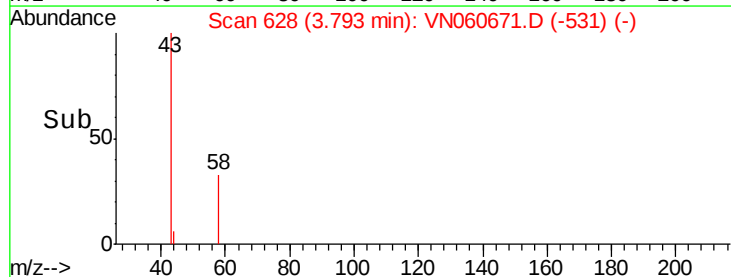
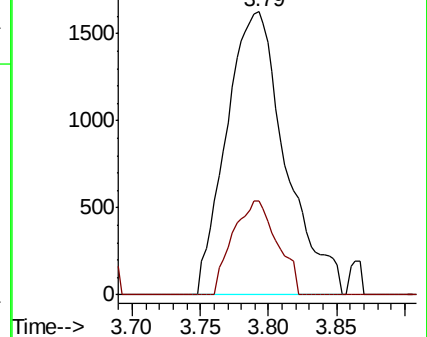
43 100

58 33.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060671.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060671.D (-531) (-)

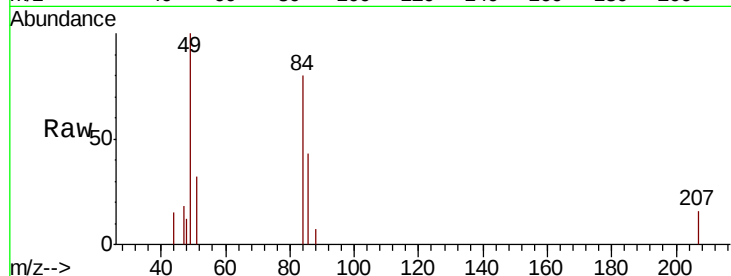




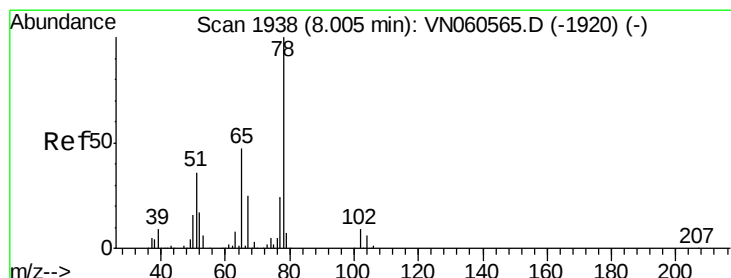
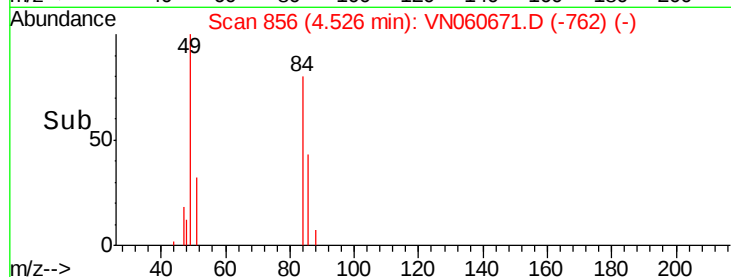
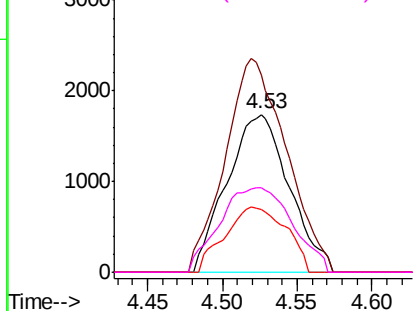
#20
Methylene Chloride
Concen: 2.156 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060671.D
Acq: 24 Mar 2020 14:51

Instrument :
MSVOA_N
ClientSampled :
PB127723TB

Tot Ion:	84	Resp:	5031
Ion	Ratio	Lower	Upper
84	100		
49	124.7	103.3	154.9
51	39.5	31.6	47.4
86	53.2	52.0	78.0

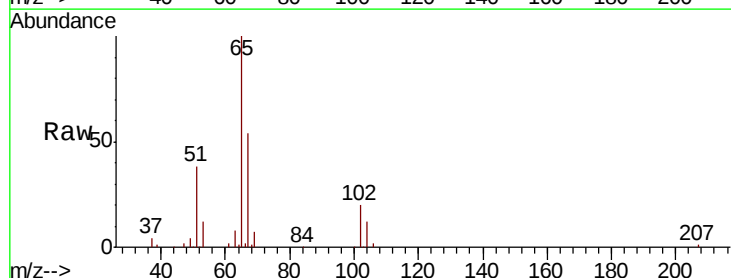


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

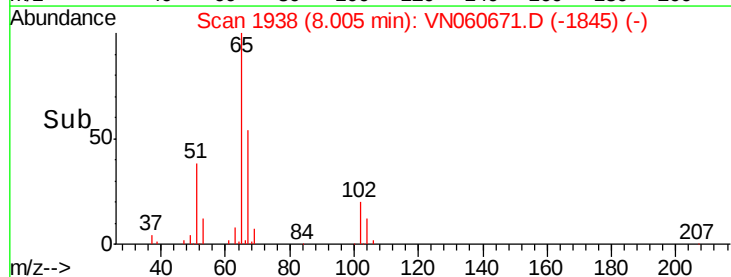
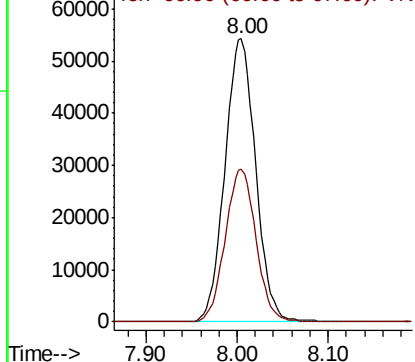


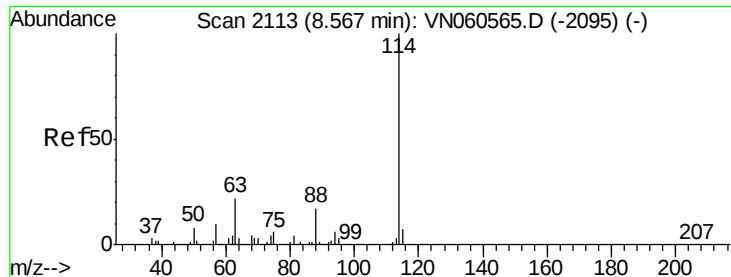
#33
1,2-Dichloroethane-d4
Concen: 47.505 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060671.D
Acq: 24 Mar 2020 14:51

Tgt Ion:	65	Resp:	127205
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.6



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

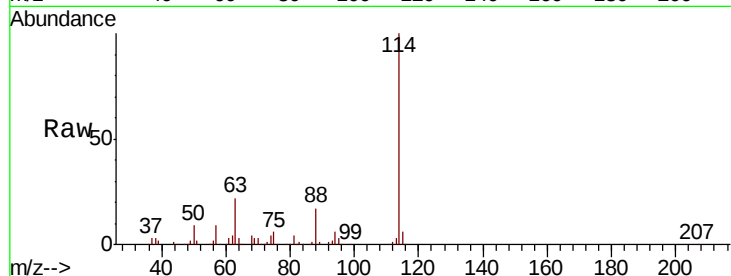




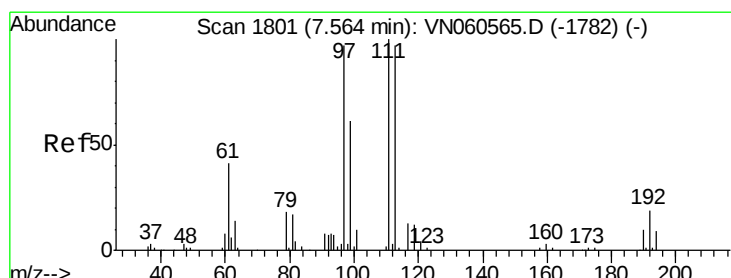
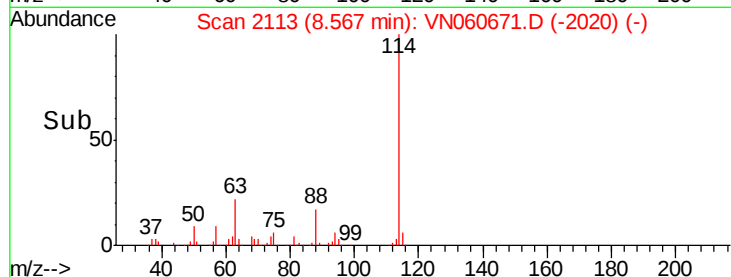
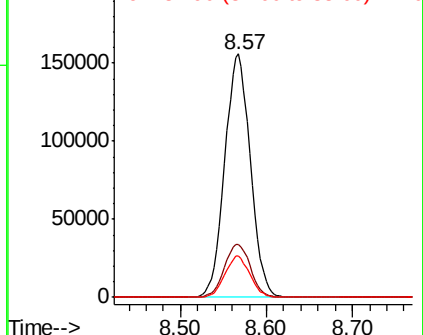
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060671.D
Acq: 24 Mar 2020 14:51

Instrument :
MSVOA_N
ClientSampleId :
PB127723TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.8
88	16.8	0.0	33.0

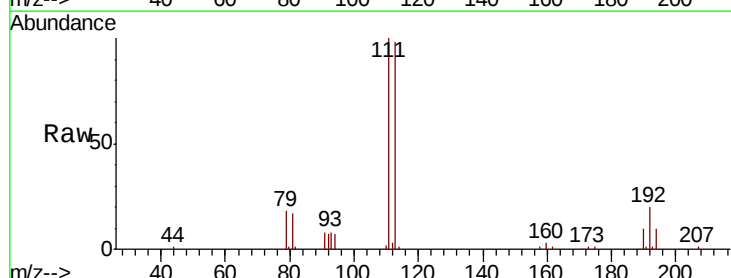


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

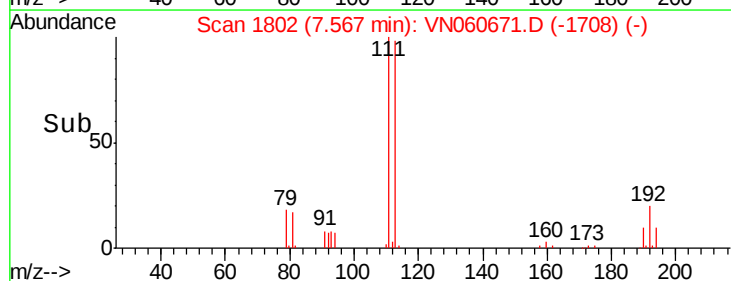
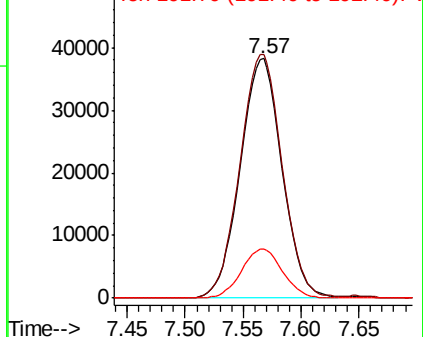


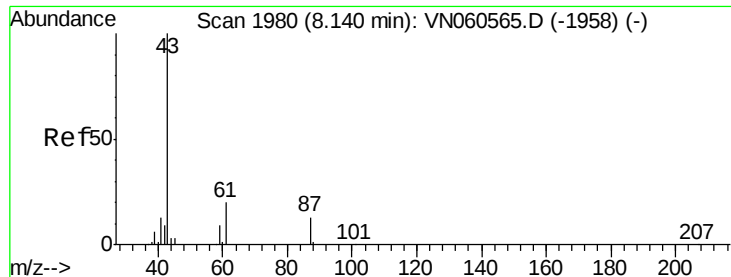
#35
Dibromofluoromethane
Concen: 49.142 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060671.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	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: 9.491 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060671.D

Acq: 24 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

PB127723TB

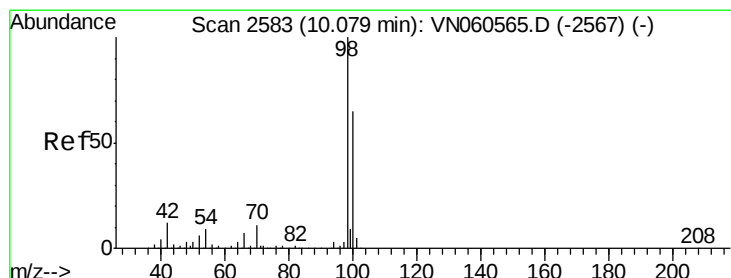
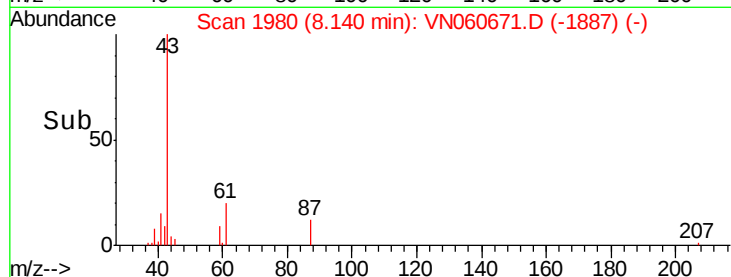
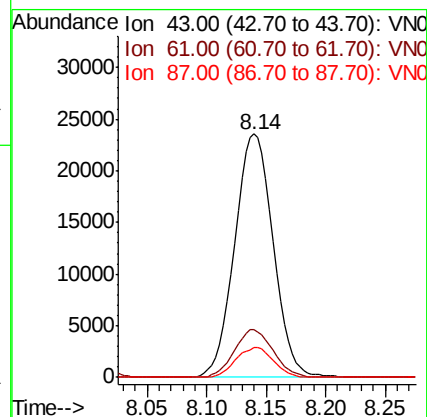
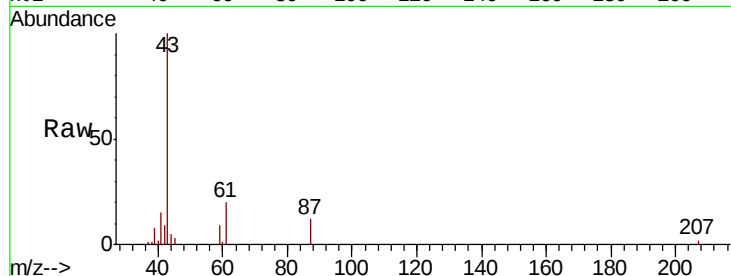
Tot Ion: 43 Resp: 52877

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

87 11.8 9.8 14.8



#50

Toluene-d8

Concen: 50.602 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060671.D

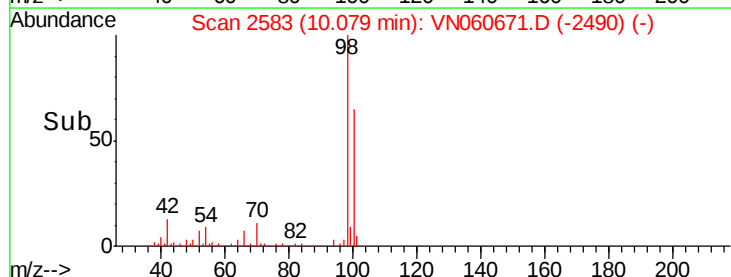
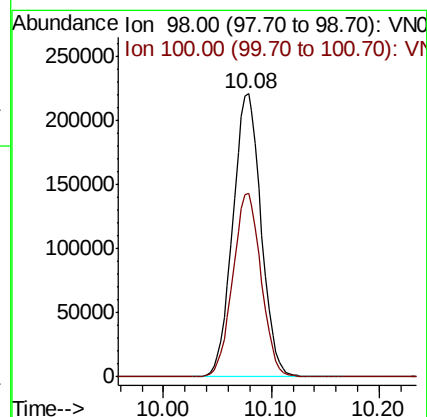
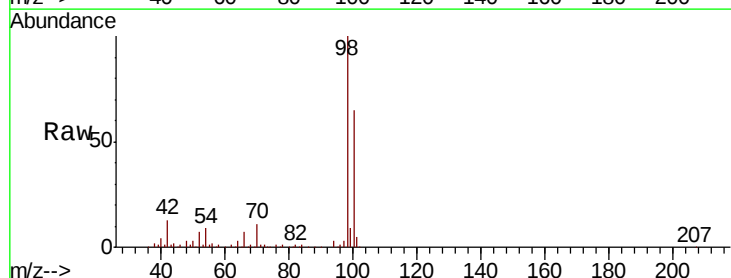
Acq: 24 Mar 2020 14:51

Tgt Ion: 98 Resp: 403516

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 52.026 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060671.D

Acq: 24 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

PB127723TB

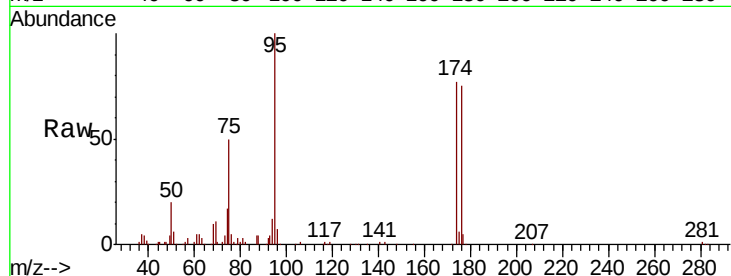
Tot Ion: 95 Resp: 152047

Ion Ratio Lower Upper

95 100

174 77.1 0.0 157.6

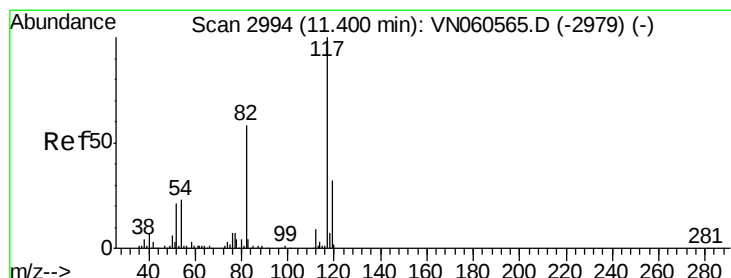
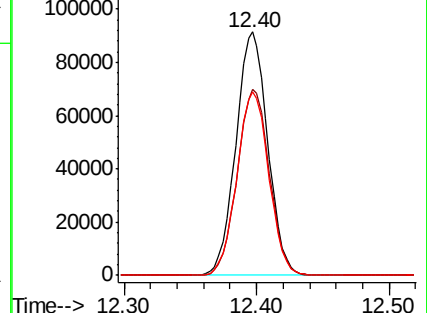
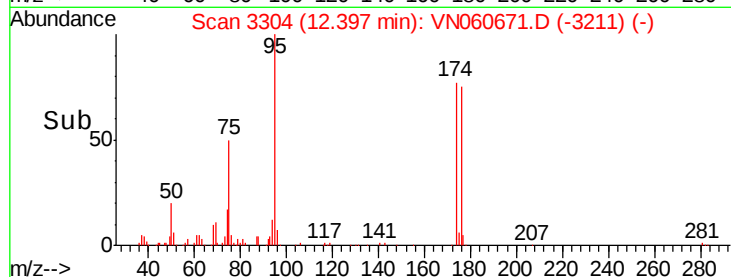
176 75.6 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060671.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060671.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060671.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060671.D

Acq: 24 Mar 2020 14:51

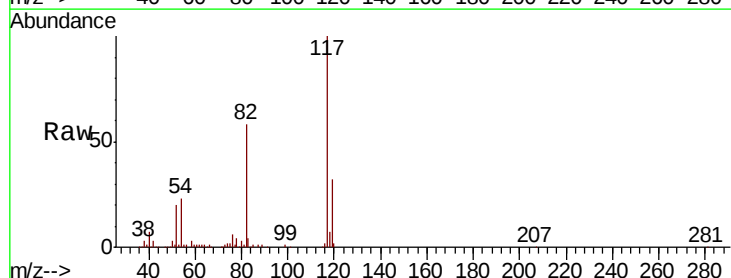
Tgt Ion: 117 Resp: 308008

Ion Ratio Lower Upper

117 100

82 58.2 46.7 70.1

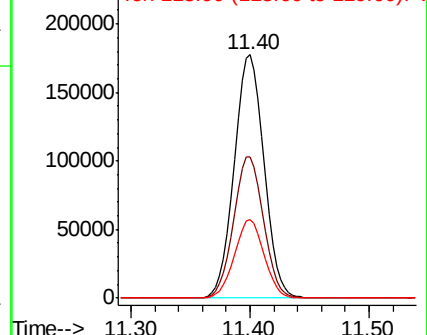
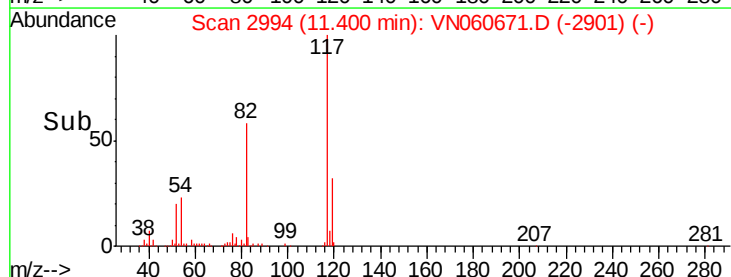
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060671.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060671.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060671.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: VN060671.D

Acq: 24 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

PB127723TB

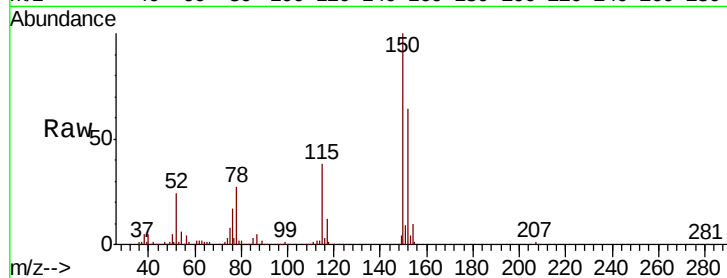
Tot Ion:152 Resp: 140706

Ion Ratio Lower Upper

152 100

115 59.1 30.2 90.6

150 158.3 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

