

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060680.D
 Acq On : 24 Mar 2020 18:16
 Operator : JC/MD
 Sample : L1994-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3A

Quant Time: Mar 25 10:04:02 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

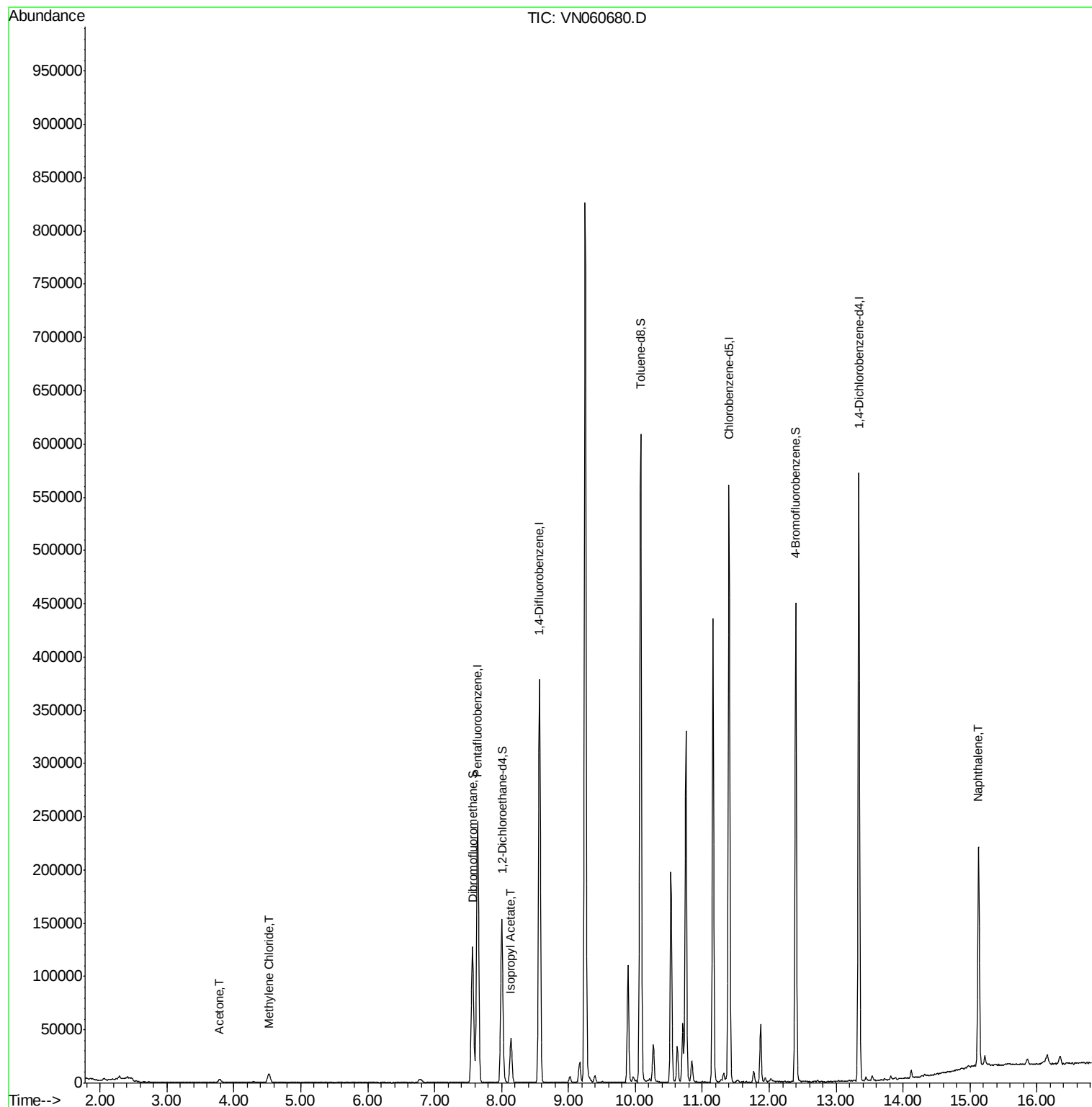
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	314308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130703	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	7.57	113	98184	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.08	98	412923	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	155139	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
Target Compounds						
16) Acetone	3.79	43	6168	6.330	ug/l	91
20) Methylene Chloride	4.53	84	6724	2.805	ug/l	94
43) Isopropyl Acetate	8.14	43	49471	8.609	ug/l #	90
95) Naphthalene	15.13	128	176114	21.051	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032420\
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QLast Update : Wed Mar 18 08:49:09 2020
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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: VN060680.D

Acq: 24 Mar 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

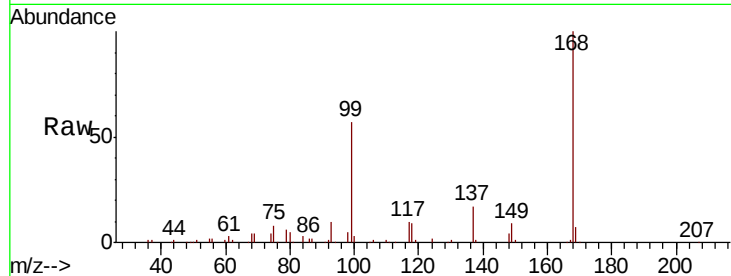
TP-3A

Tot Ion:168 Resp: 200374

Ion Ratio Lower Upper

168 100

99 56.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

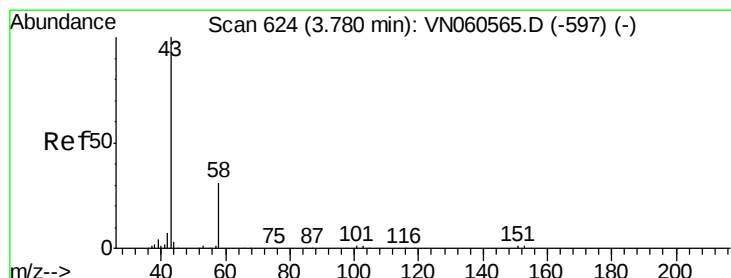
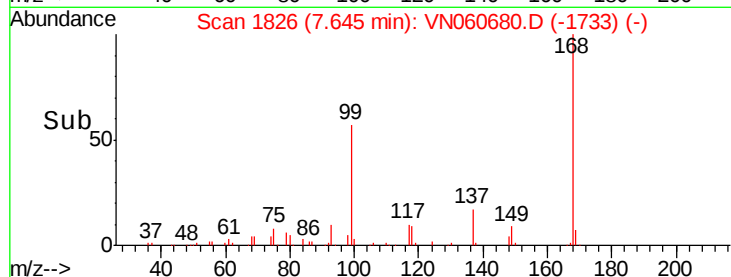
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.330 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060680.D

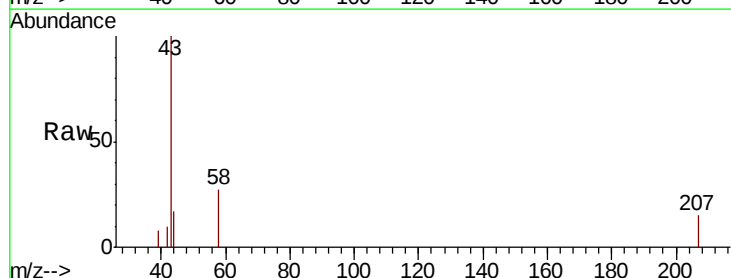
Acq: 24 Mar 2020 18:16

Tgt Ion: 43 Resp: 6168

Ion Ratio Lower Upper

43 100

58 26.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2500

2000

1500

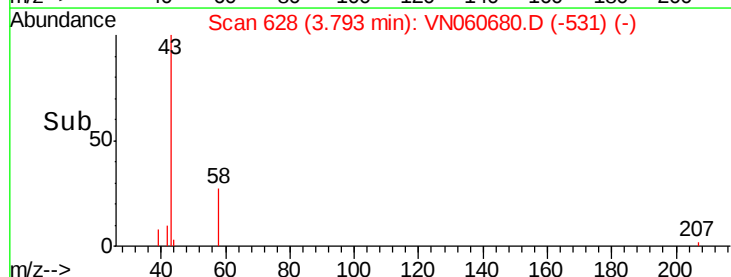
1000

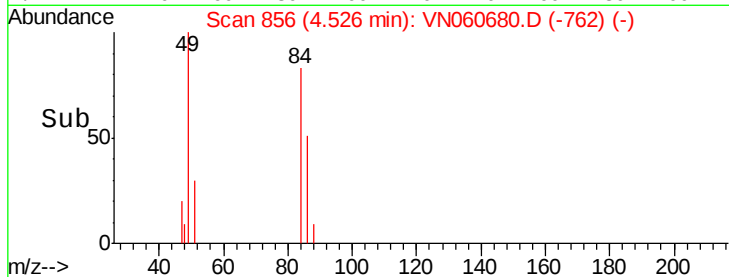
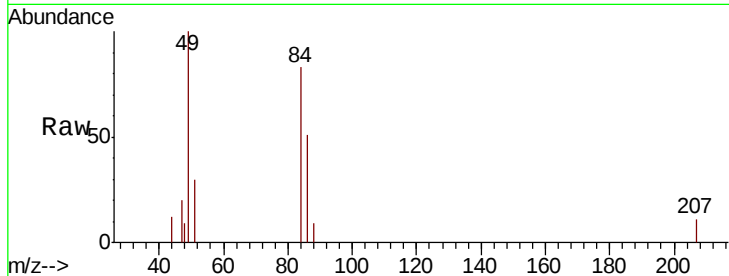
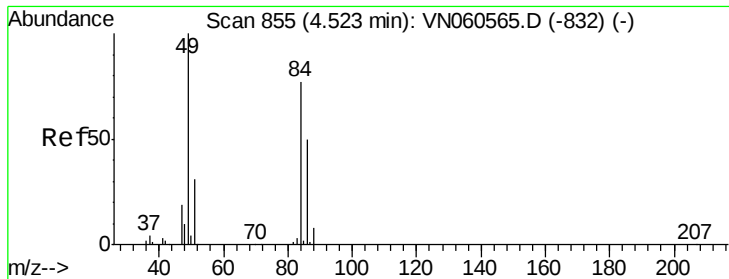
500

0

3.70 3.75 3.80 3.85

Time-->

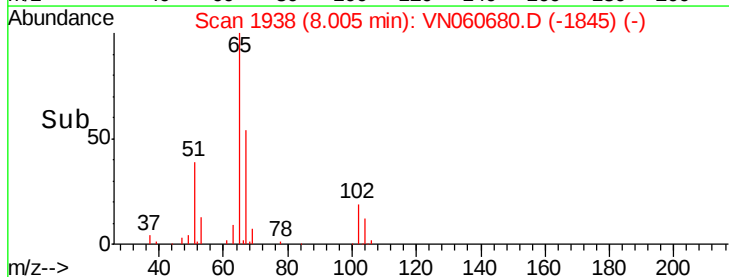
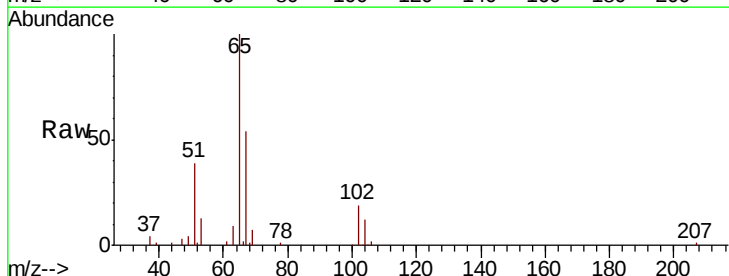
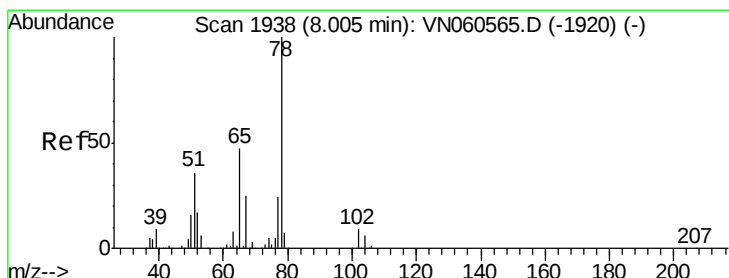
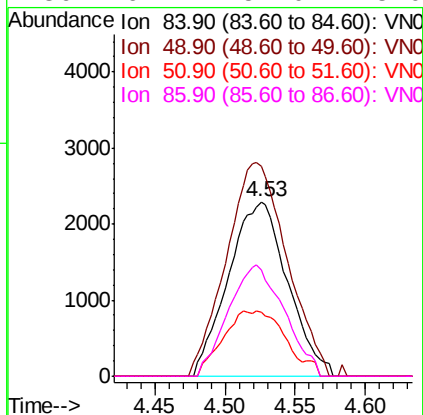




#20
Methylene Chloride
Concen: 2.805 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060680.D
Acq: 24 Mar 2020 18:16

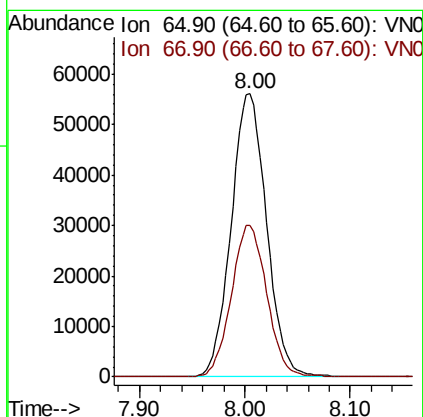
Instrument :
MSVOA_N
ClientSampled :
TP-3A

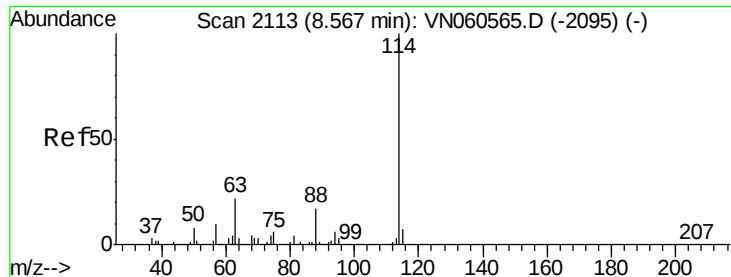
Tot Ion: 84	Resp: 6724
Ion Ratio	Lower Upper
84 100	
49 120.5	103.3 154.9
51 36.3	31.6 47.4
86 61.1	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.517 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060680.D
Acq: 24 Mar 2020 18:16

Tgt Ion: 65	Resp: 130703
Ion Ratio	Lower Upper
65 100	
67 53.6	0.0 107.6

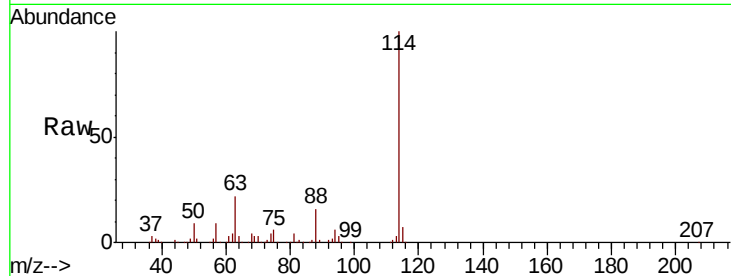




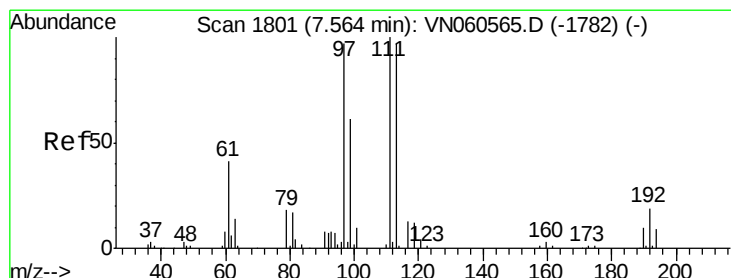
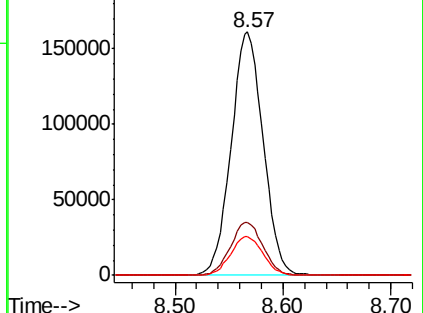
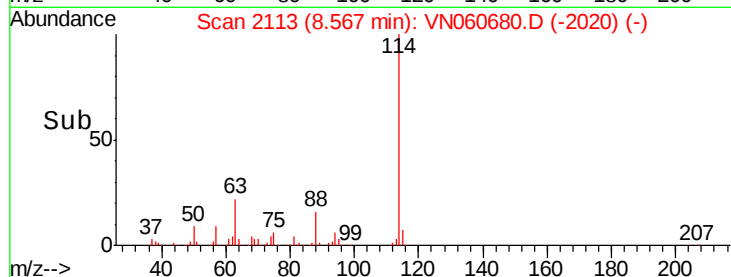
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060680.D
 Acq: 24 Mar 2020 18:16

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	15.9	0.0	33.0

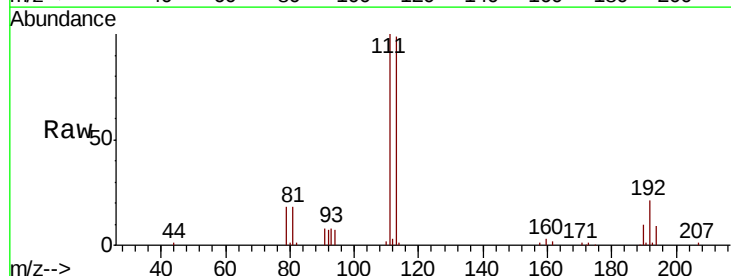


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

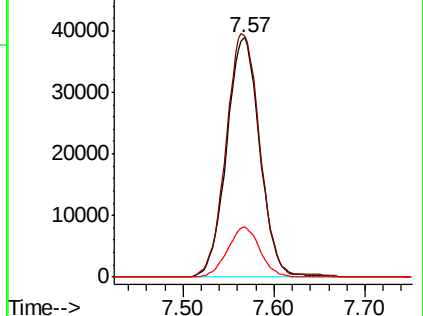
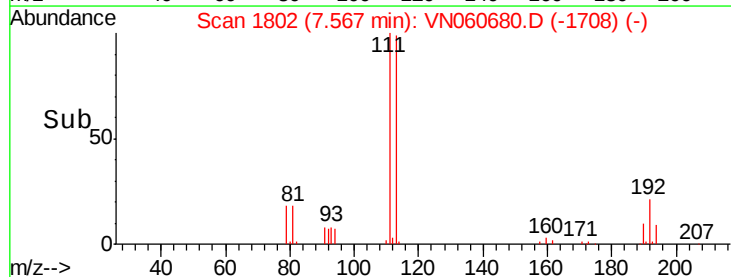


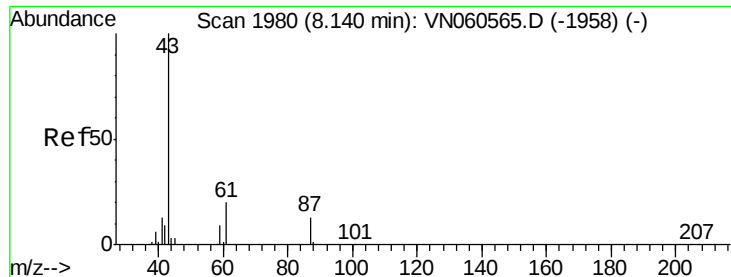
#35
 Dibromofluoromethane
 Concen: 48.760 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060680.D
 Acq: 24 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	20.3	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: 8.609 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060680.D

Acq: 24 Mar 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

TP-3A

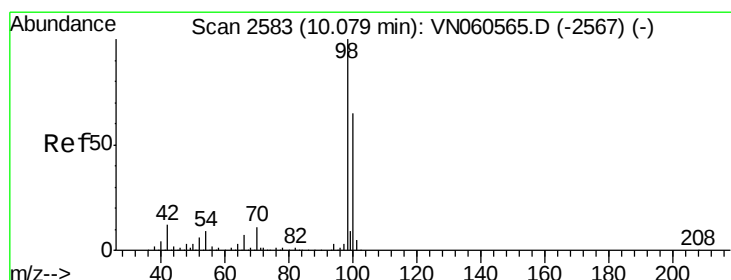
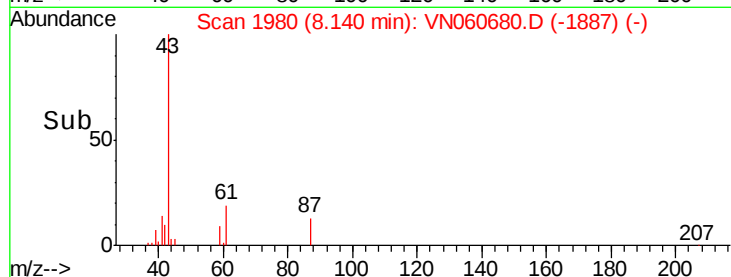
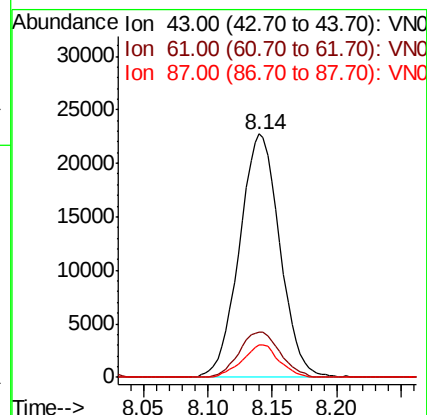
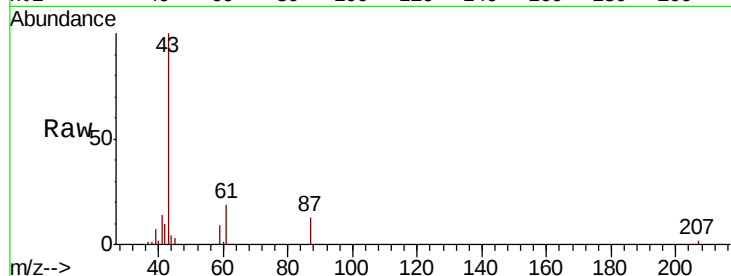
Tot Ion: 43 Resp: 49471

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

87 12.1 9.8 14.8



#50

Toluene-d8

Concen: 50.205 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060680.D

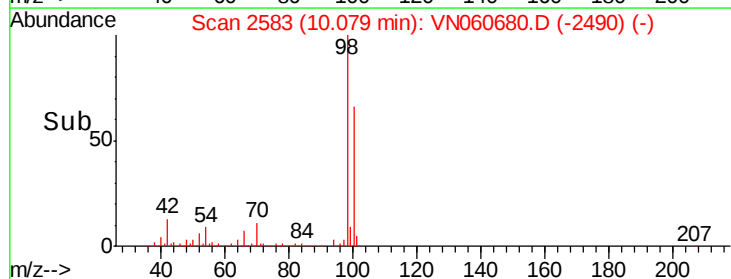
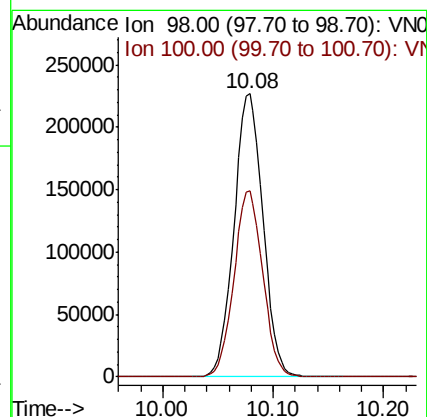
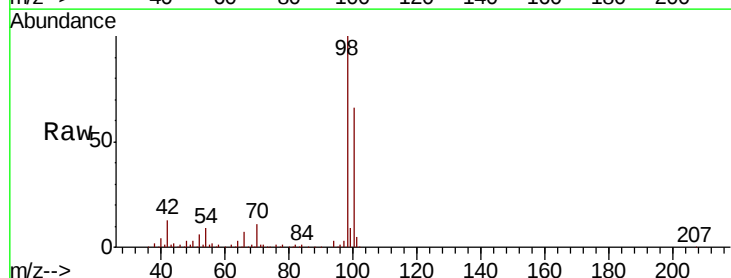
Acq: 24 Mar 2020 18:16

Tgt Ion: 98 Resp: 412923

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.468 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060680.D

Acq: 24 Mar 2020 18:16

Instrument :

MSVOA_N

ClientSampled :

TP-3A

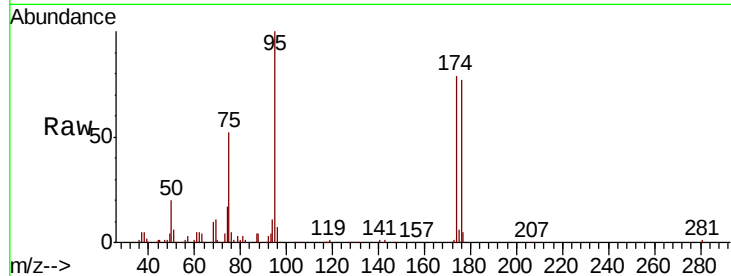
Tot Ion: 95 Resp: 155139

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

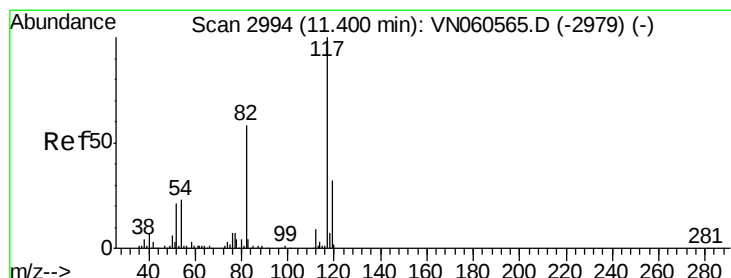
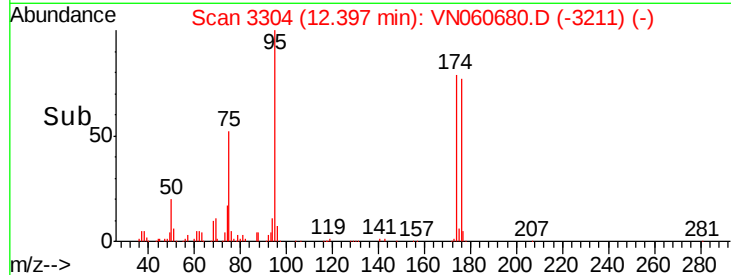
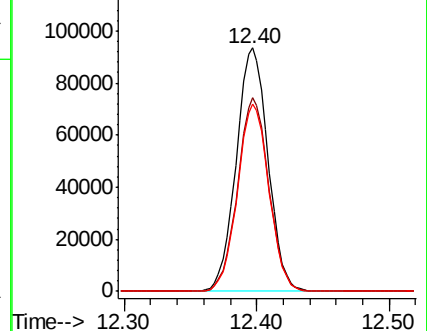
176 75.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060680.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060680.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060680.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060680.D

Acq: 24 Mar 2020 18:16

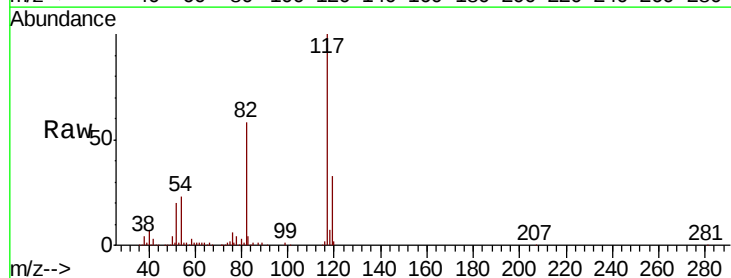
Tgt Ion: 117 Resp: 314308

Ion Ratio Lower Upper

117 100

82 58.3 46.7 70.1

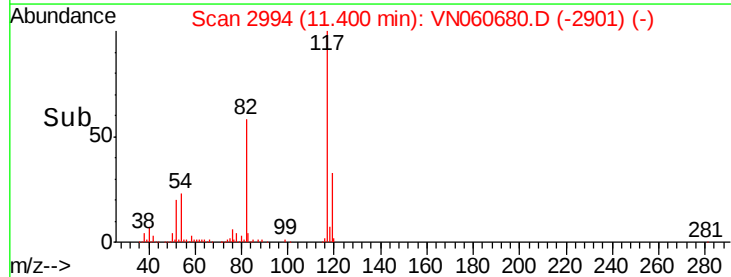
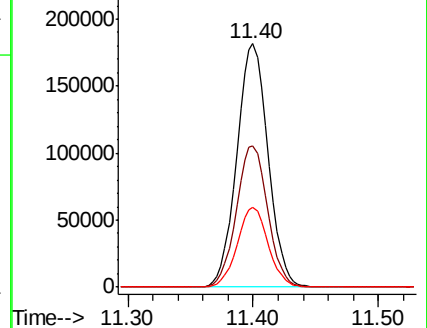
119 33.0 25.5 38.3

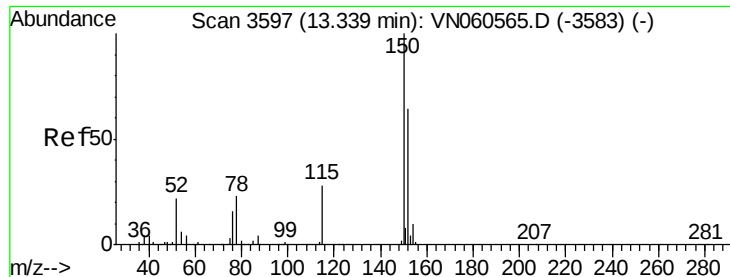


Abundance Ion 116.90 (116.60 to 117.60): VN060680.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060680.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060680.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060680.D

Acq: 24 Mar 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

TP-3A

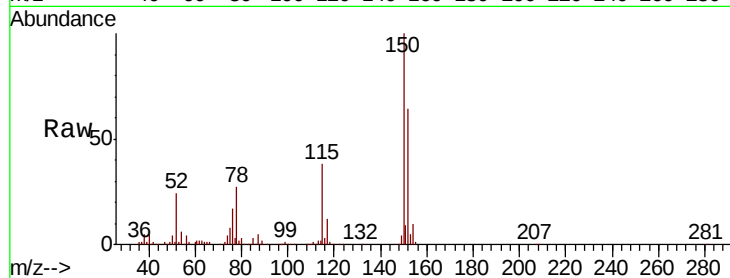
Tot Ion:152 Resp: 148522

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 156.9 0.0 350.2

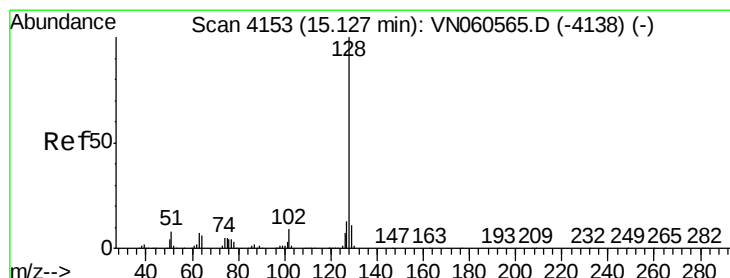
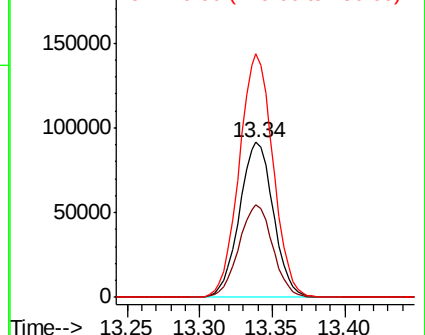
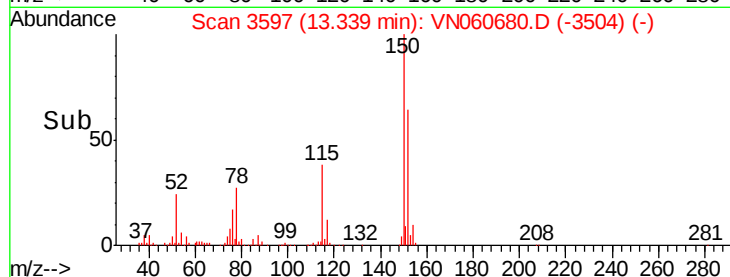


Abundance

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



#95

Naphthalene

Concen: 21.051 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060680.D

Acq: 24 Mar 2020 18:16

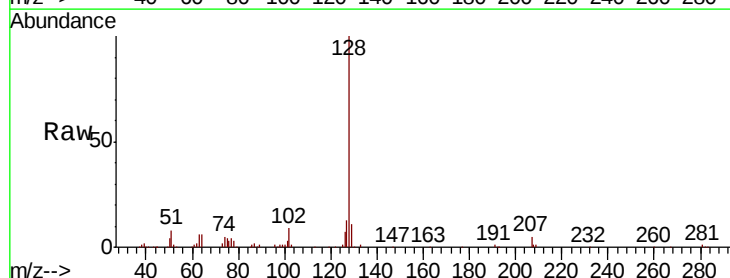
Tgt Ion:128 Resp: 176114

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.8 13.2



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

