

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060988.D
 Acq On : 16 Apr 2020 1:41
 Operator : JC/MD
 Sample : L2277-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-2

Quant Time: Apr 16 08:34:59 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

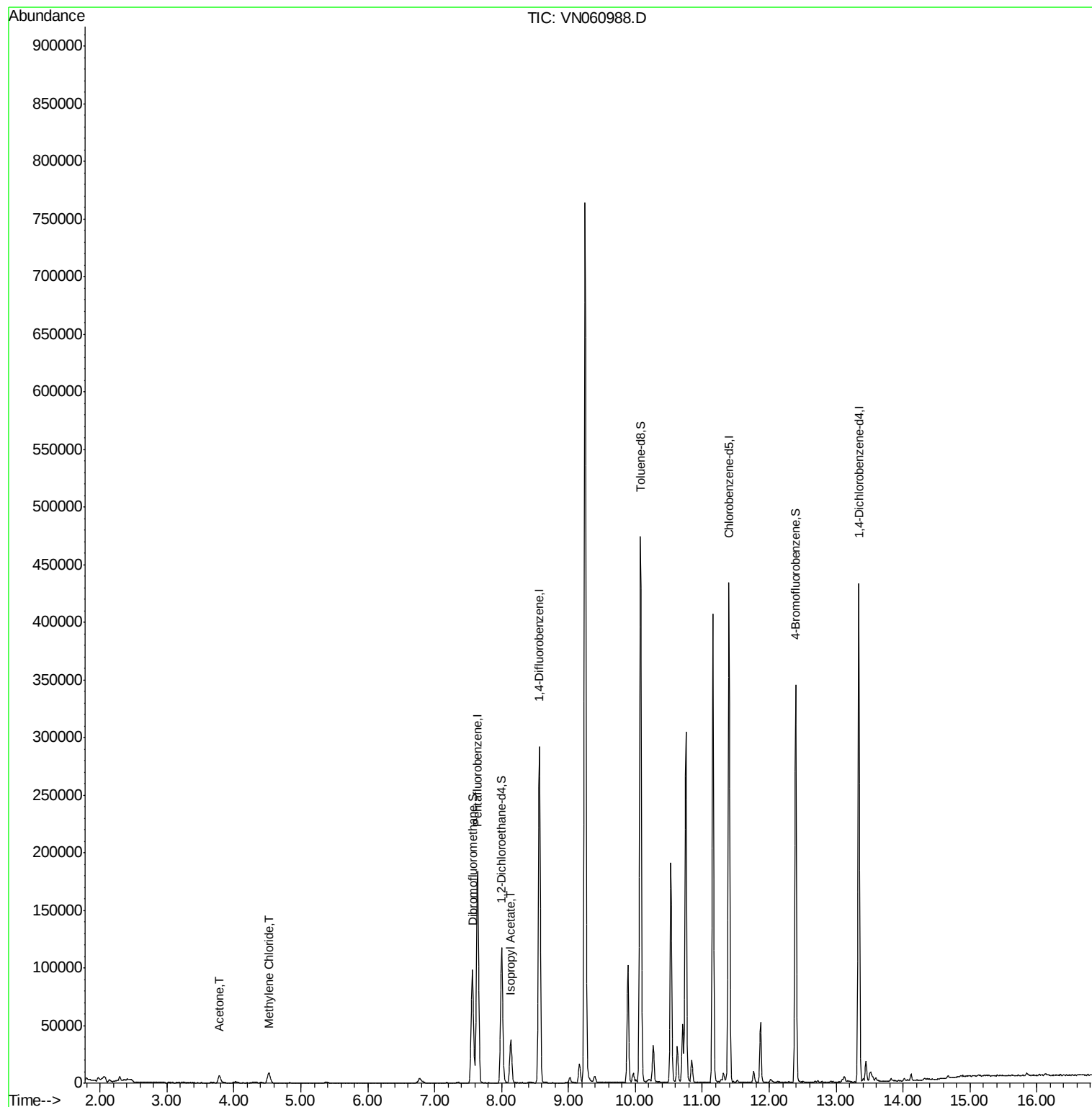
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	148287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	253862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	241911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100667	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.56	113	76278	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.08	98	319972	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.39	95	121443	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
Target Compounds						
16) Acetone	3.78	43	11650	16.157	ug/l	98
20) Methylene Chloride	4.53	84	7035	3.966	ug/l	95
43) Isopropyl Acetate	8.14	43	45194	10.317	ug/l #	91

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

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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# 1825

Delta R.T. -0.00 min

Lab File: VN060988.D

Acq: 16 Apr 2020 1:41

Instrument :

MSVOA_N

ClientSampled :

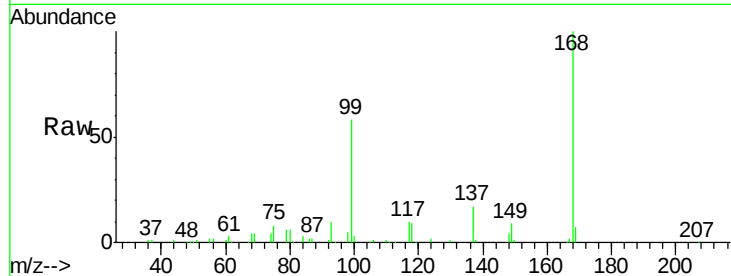
B-2

Tot Ion:168 Resp: 148287

Ion Ratio Lower Upper

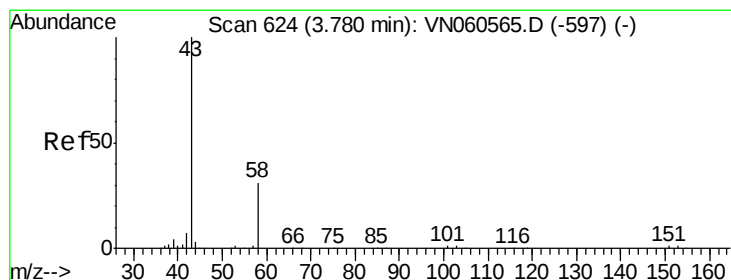
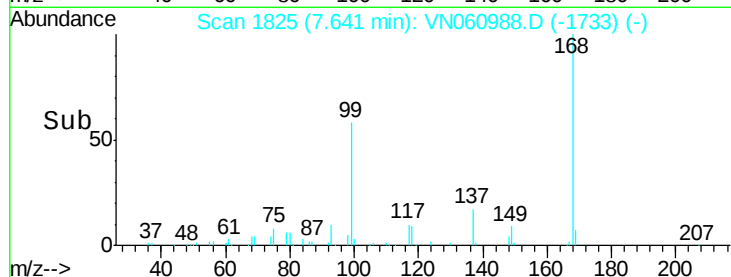
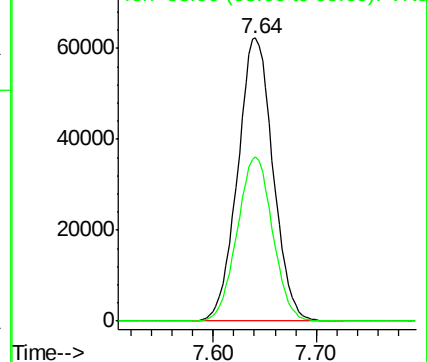
168 100

99 58.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 16.157 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060988.D

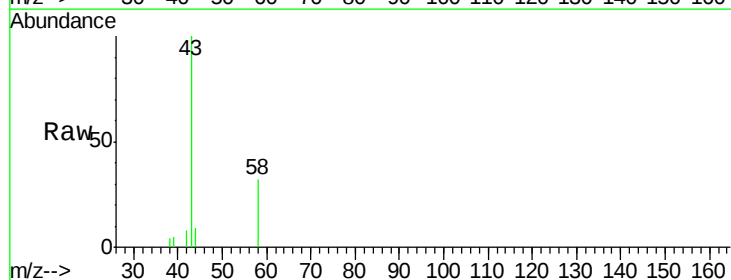
Acq: 16 Apr 2020 1:41

Tgt Ion: 43 Resp: 11650

Ion Ratio Lower Upper

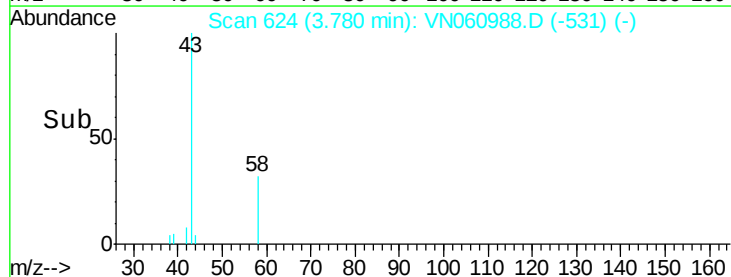
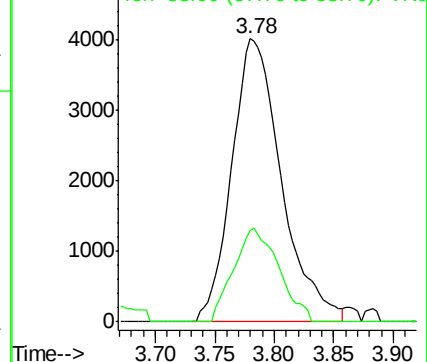
43 100

58 32.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

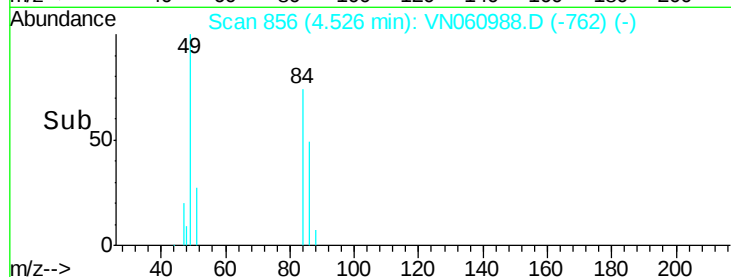
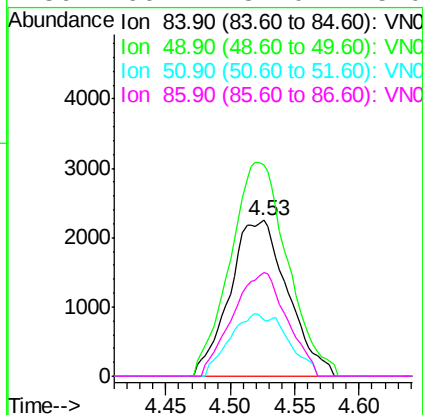
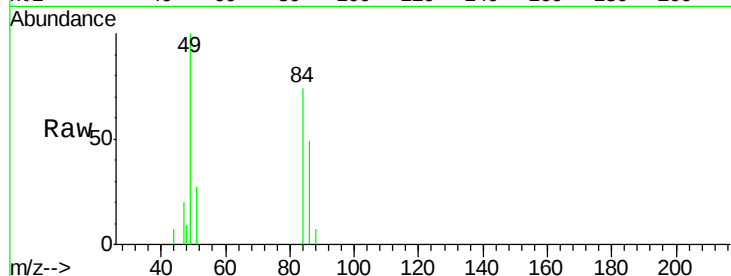




#20
Methylene Chloride
Concen: 3.966 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060988.D
Acq: 16 Apr 2020 1:41

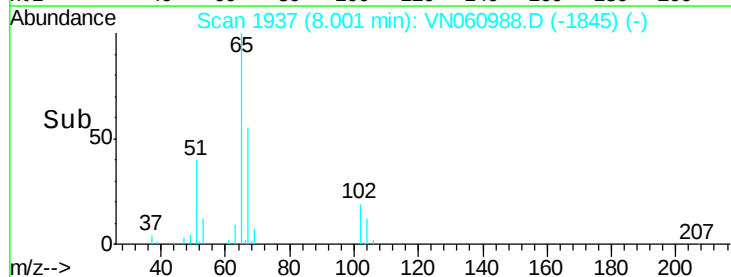
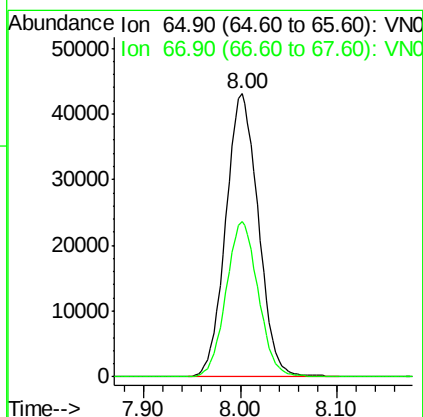
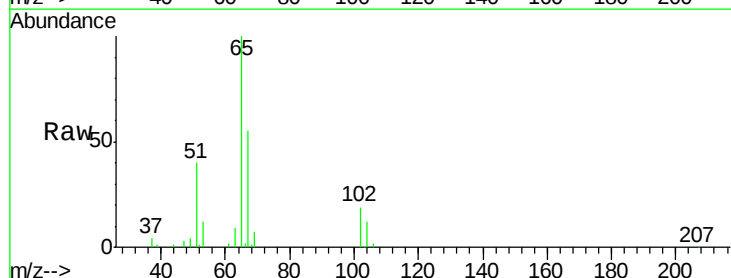
Instrument :
MSVOA_N
ClientSampled :
B-2

Tot Ion: 84 Resp: 7035
Ion Ratio Lower Upper
84 100
49 136.0 103.3 154.9
51 36.5 31.6 47.4
86 66.7 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.452 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060988.D
Acq: 16 Apr 2020 1:41

Tgt Ion: 65 Resp: 100667
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060988.D

Acq: 16 Apr 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

B-2

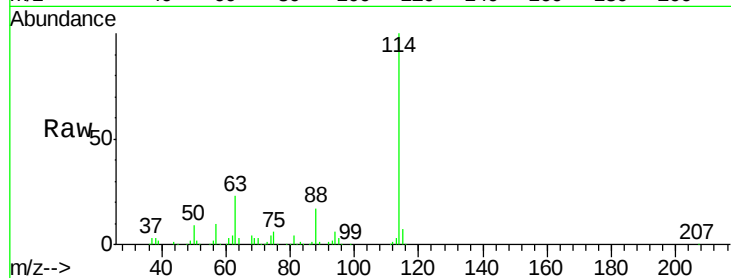
Tot Ion:114 Resp: 253862

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

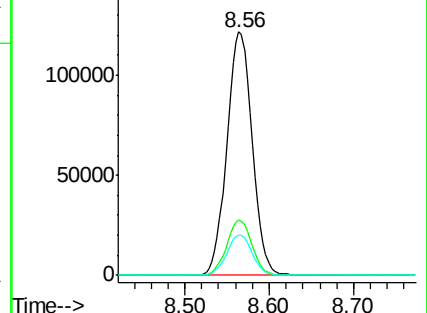
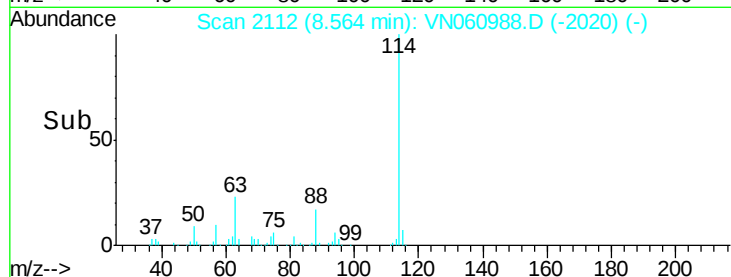
88 16.6 0.0 33.0



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: 49.692 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060988.D

Acq: 16 Apr 2020 1:41

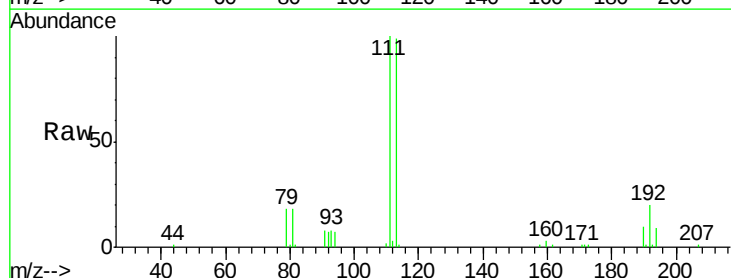
Tgt Ion:113 Resp: 76278

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

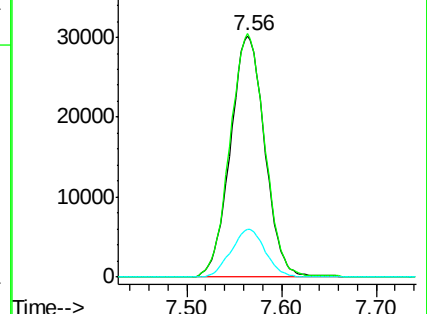
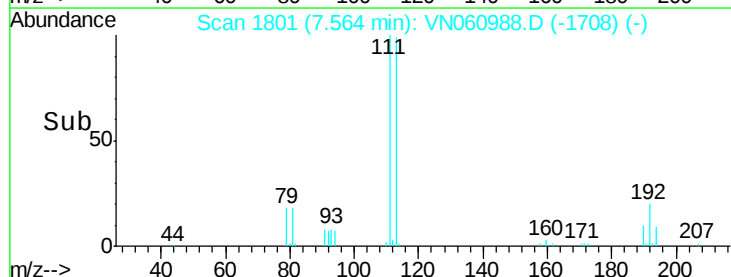
192 19.6 15.8 23.8



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: 10.317 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060988.D

Acq: 16 Apr 2020 1:41

Instrument :

MSVOA_N

ClientSampled :

B-2

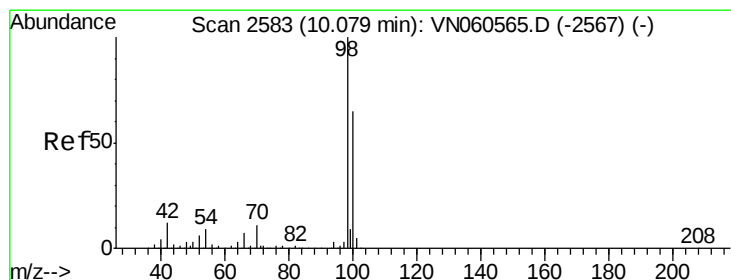
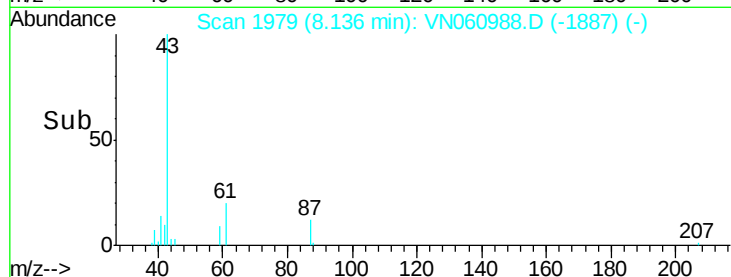
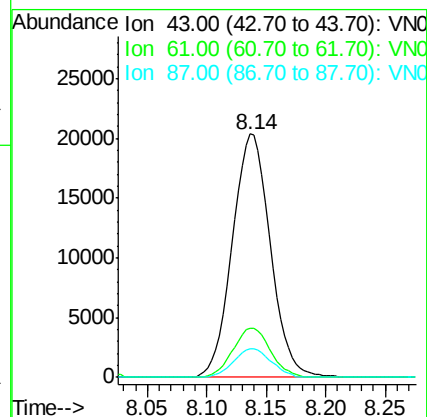
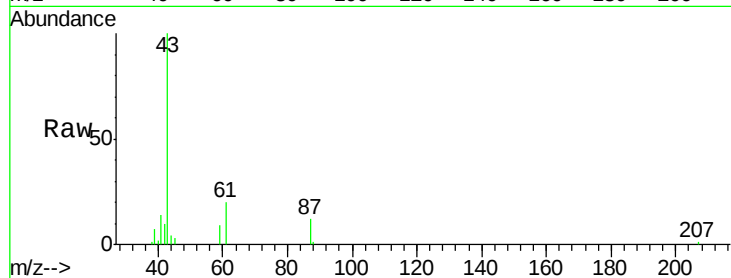
Tot Ion: 43 Resp: 45194

Ion Ratio Lower Upper

43 100

61 19.9 20.7 31.1#

87 11.7 9.8 14.8



#50

Toluene-d8

Concen: 51.032 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060988.D

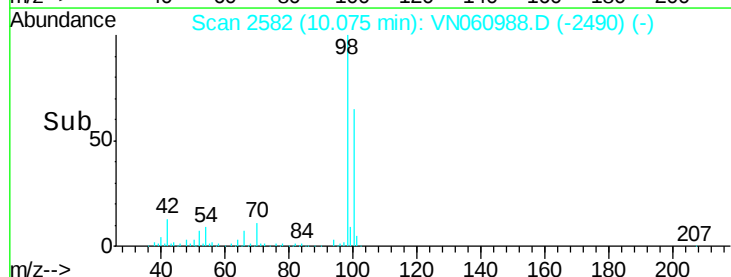
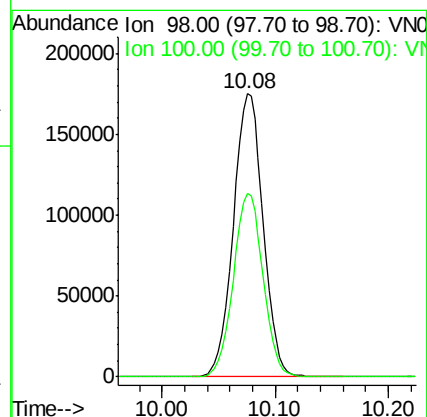
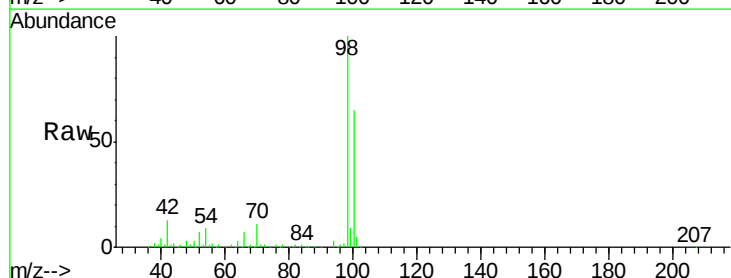
Acq: 16 Apr 2020 1:41

Tgt Ion: 98 Resp: 319972

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 52.851 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060988.D

Acq: 16 Apr 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

B-2

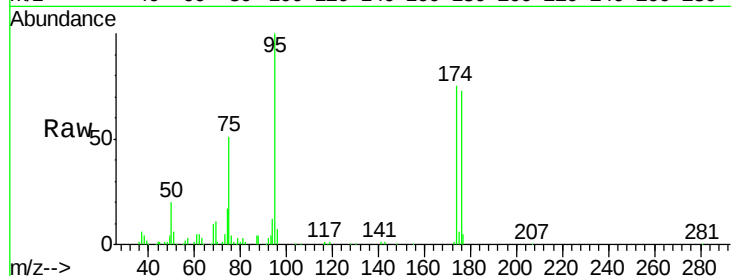
Tot Ion: 95 Resp: 121443

Ion Ratio Lower Upper

95 100

174 76.2 0.0 157.6

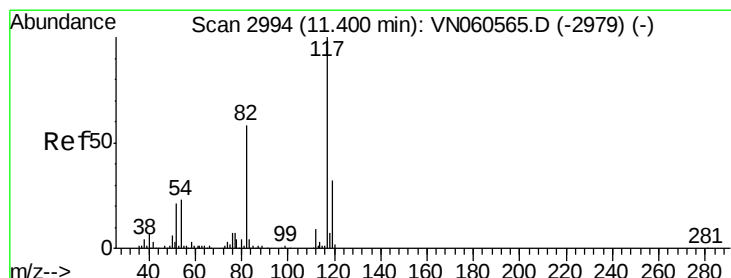
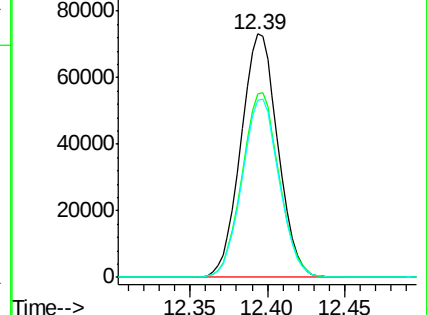
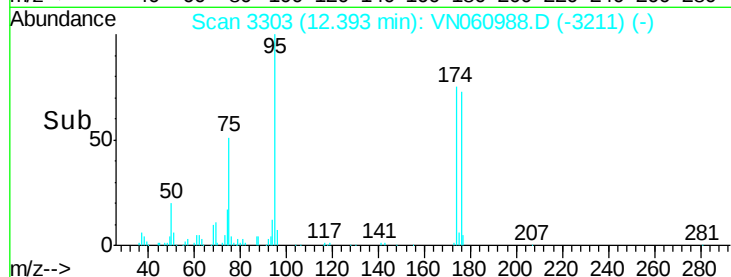
176 73.5 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060988.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060988.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060988.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060988.D

Acq: 16 Apr 2020 1:41

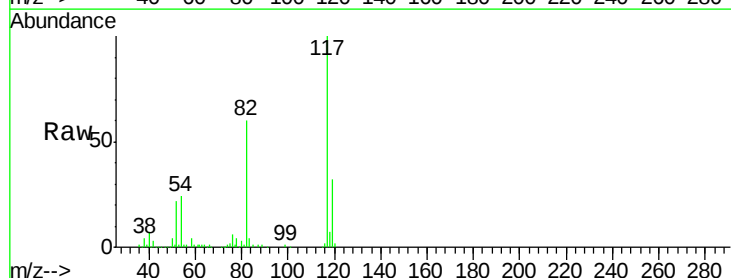
Tgt Ion: 117 Resp: 241911

Ion Ratio Lower Upper

117 100

82 60.0 46.7 70.1

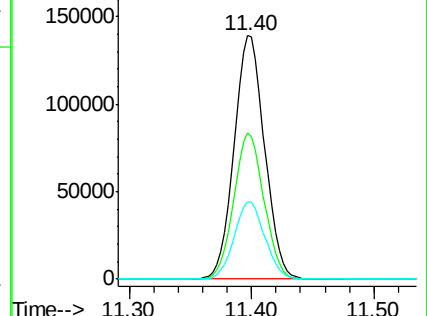
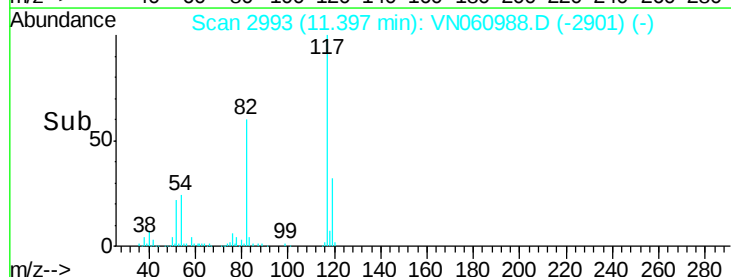
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060988.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060988.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060988.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: VN060988.D

Acq: 16 Apr 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

B-2

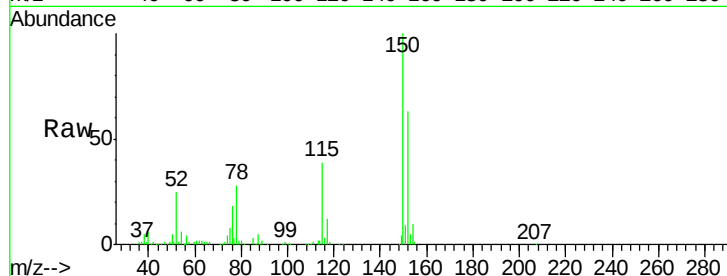
Tot Ion:152 Resp: 111103

Ion Ratio Lower Upper

152 100

115 61.0 30.2 90.6

150 156.8 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

