

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061252.D
 Acq On : 2 May 2020 5:02
 Operator : JC/MD
 Sample : L2452-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11976

Quant Time: May 04 07:47:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

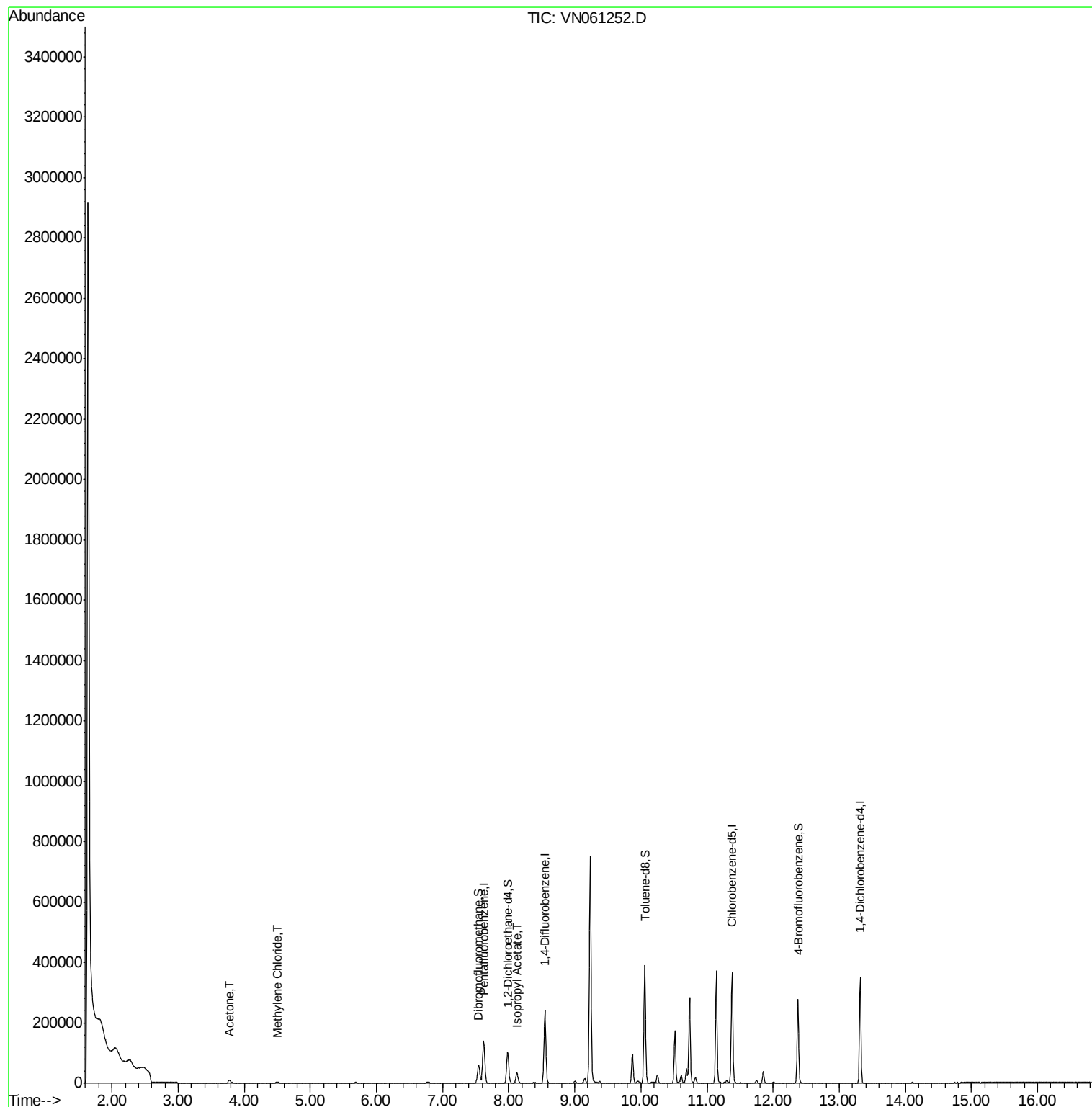
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	108332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	196610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	195309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88831	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	7.55	113	46358	39.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.74%	
50) Toluene-d8	10.06	98	251185	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.37	95	95656	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
Target Compounds						
16) Acetone	3.78	43	15611	18.431	ug/l	98
20) Methylene Chloride	4.49	84	2300	1.721	ug/l	95
43) Isopropyl Acetate	8.12	43	42653	11.139	ug/l #	90

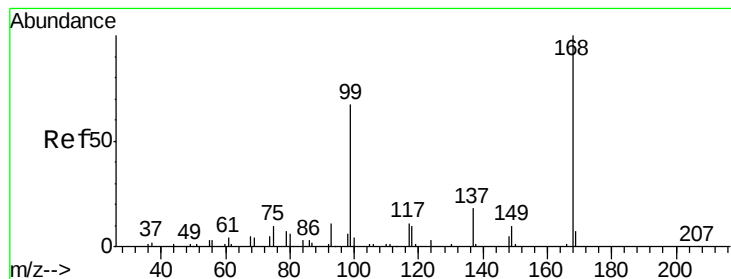
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061252.D

Acq: 2 May 2020 5:02

Instrument :

MSVOA_N

ClientSampleId :

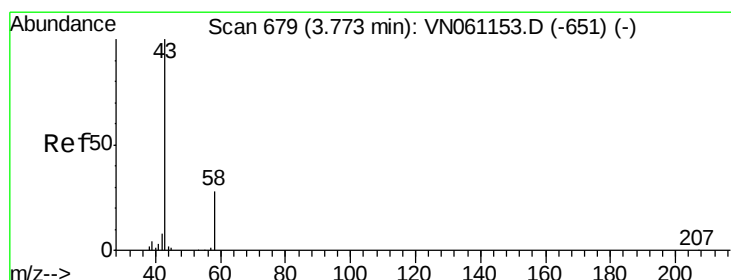
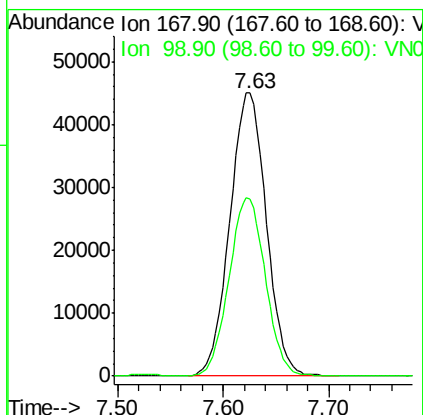
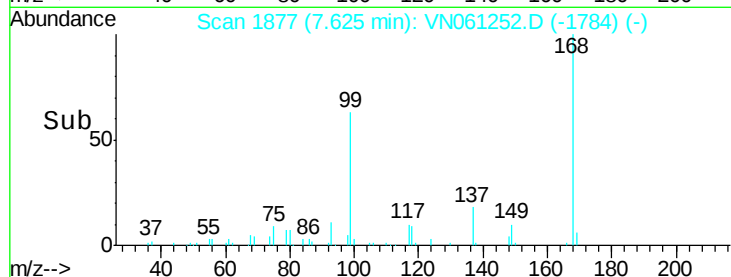
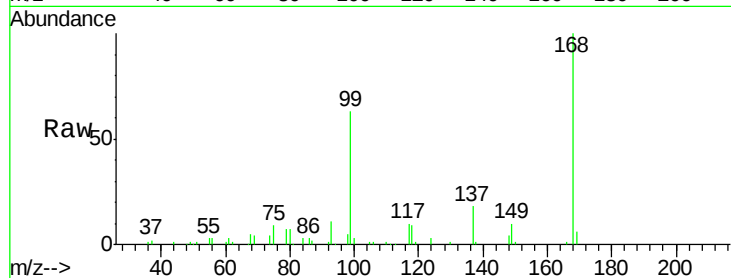
72-11976

Tot Ion:168 Resp: 108332

Ion Ratio Lower Upper

168 100

99 62.7 51.2 76.8



#16

Acetone

Concen: 18.431 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061252.D

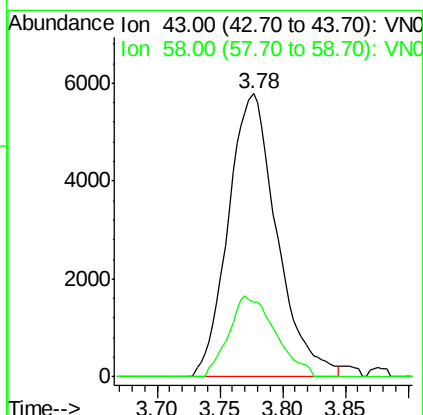
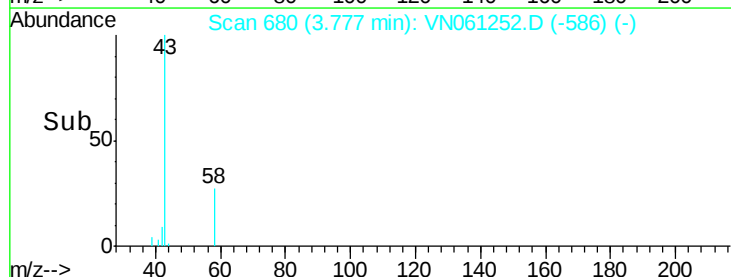
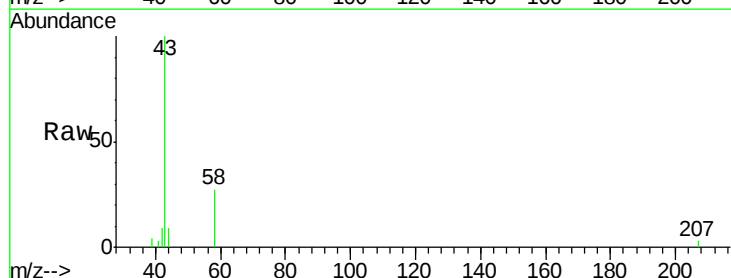
Acq: 2 May 2020 5:02

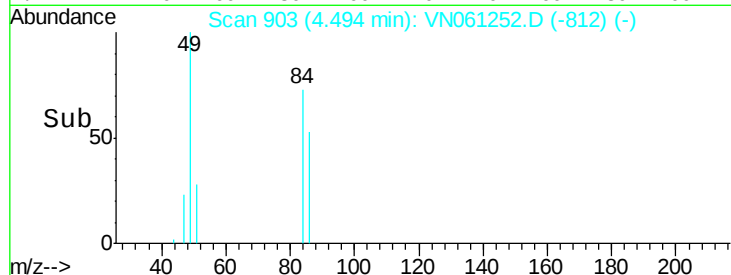
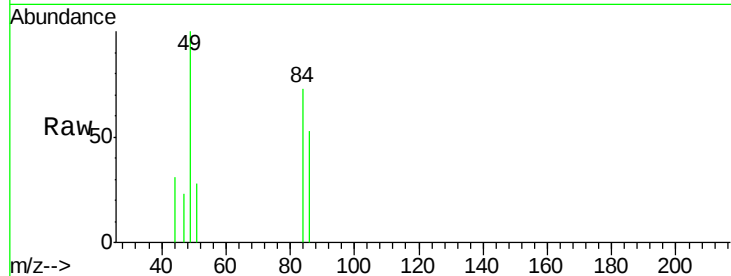
Tgt Ion: 43 Resp: 15611

Ion Ratio Lower Upper

43 100

58 26.5 22.2 33.2

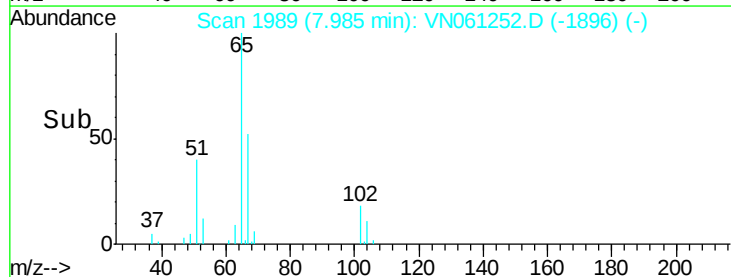
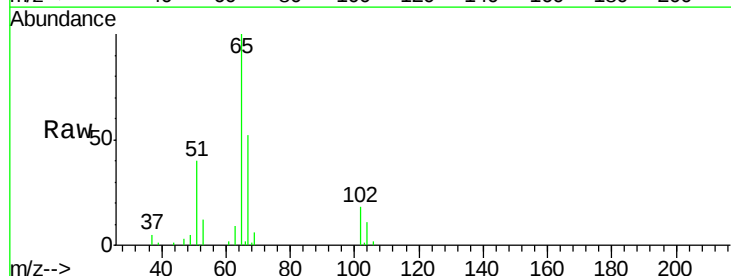
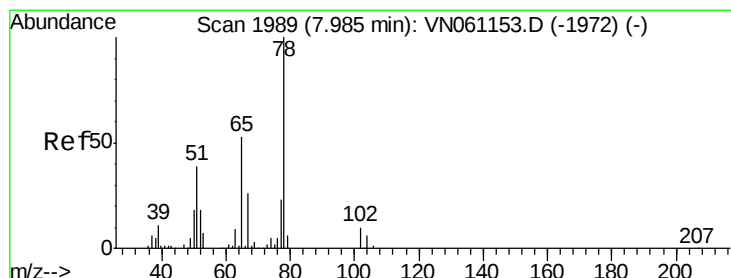
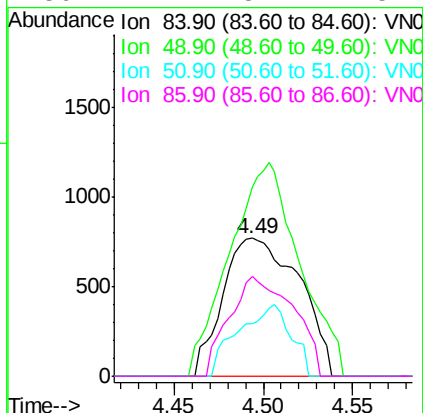




#20
Methvlene Chloride
Concen: 1.721 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061252.D
Acq: 2 May 2020 5:02

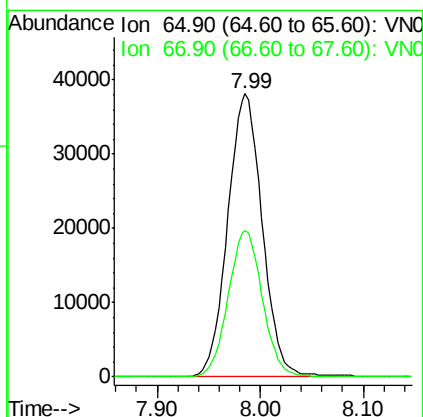
Instrument :
MSVOA_N
ClientSampleId :
72-11976

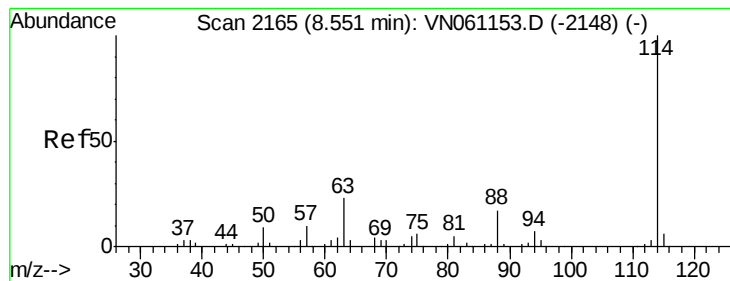
Tot Ion:	84	Resp:	2300
Ion	Ratio	Lower	Upper
84	100		
49	137.2	112.0	168.0
51	38.5	33.6	50.4
86	72.4	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 51.822 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061252.D
Acq: 2 May 2020 5:02

Tgt Ion:	65	Resp:	88831
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061252.D

Acq: 2 May 2020 5:02

Instrument :

MSVOA_N

ClientSampleId :

72-11976

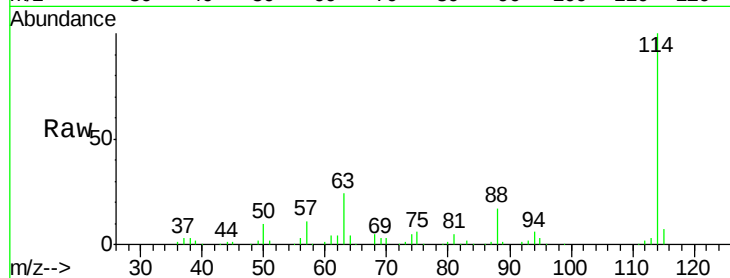
Tot Ion:114 Resp: 196610

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.6

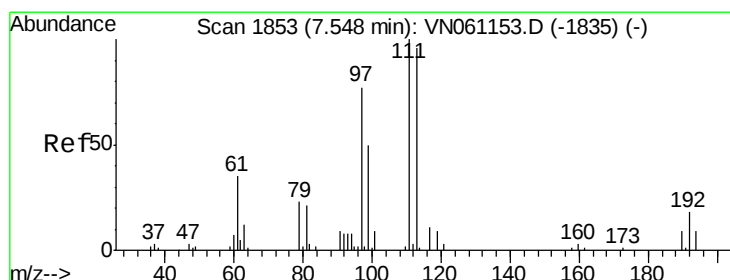
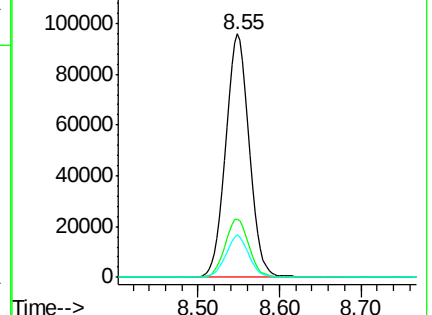
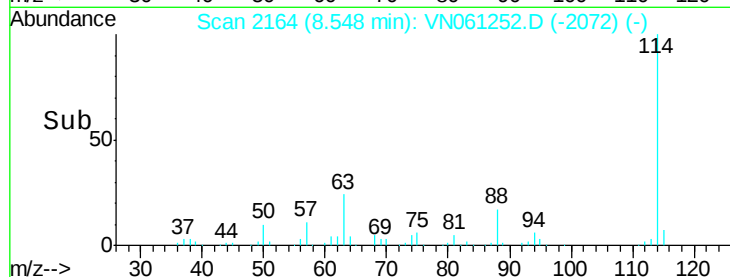
88 17.4 0.0 33.4



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: 39.874 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061252.D

Acq: 2 May 2020 5:02

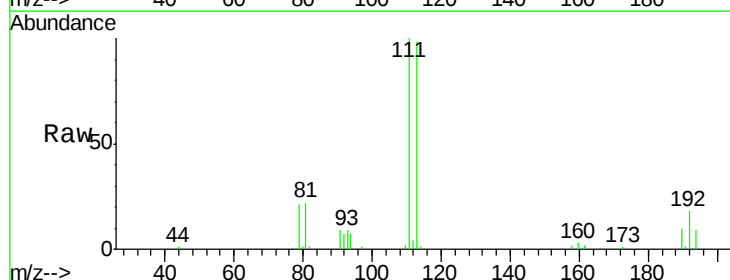
Tgt Ion:113 Resp: 46358

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

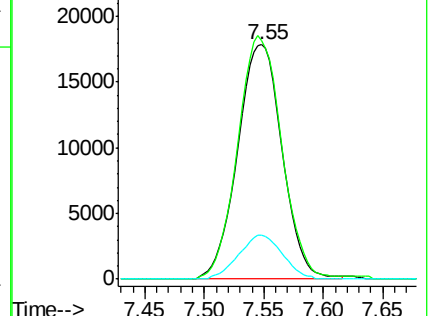
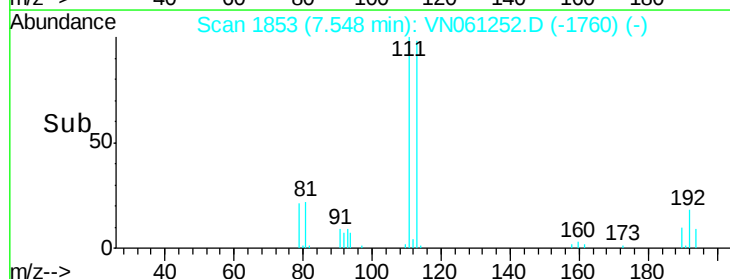
192 18.4 14.7 22.1

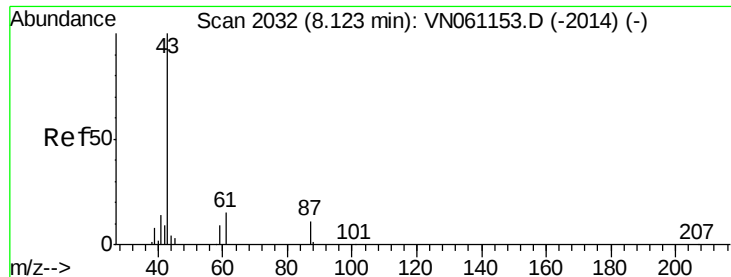


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.139 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061252.D

Acq: 2 May 2020 5:02

Instrument :

MSVOA_N

ClientSampled :

72-11976

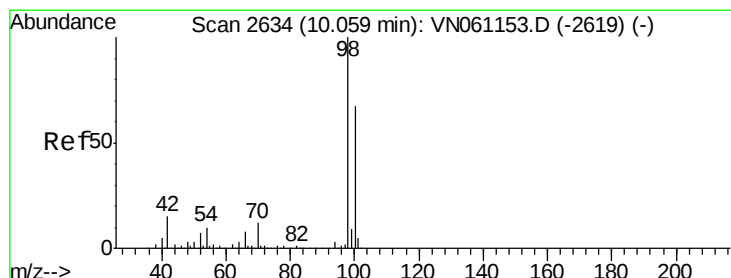
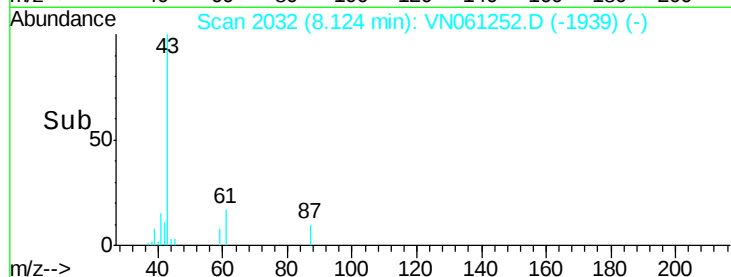
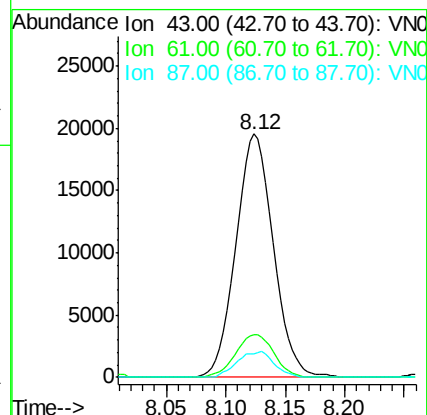
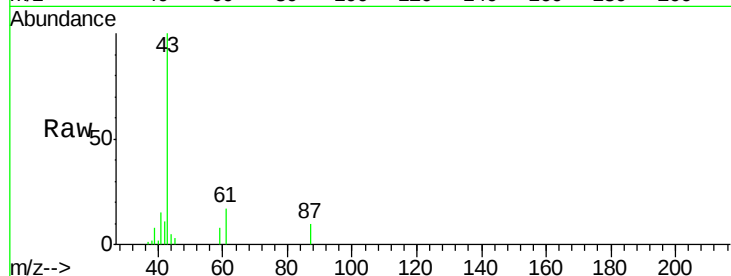
Tot Ion: 43 Resp: 42653

Ion Ratio Lower Upper

43 100

61 17.9 19.5 29.3#

87 10.4 8.9 13.3



#50

Toluene-d8

Concen: 53.000 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061252.D

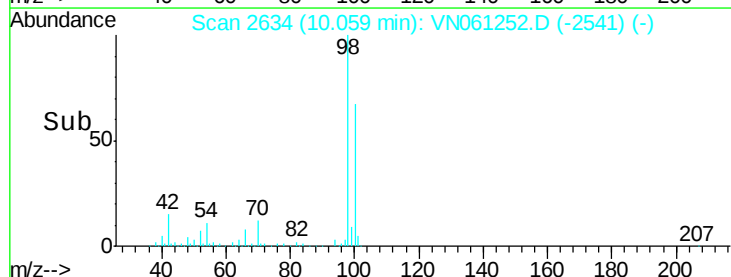
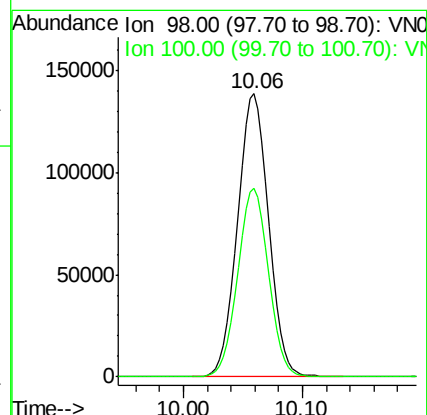
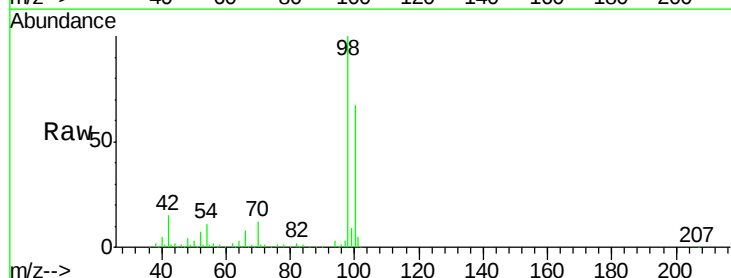
Acq: 2 May 2020 5:02

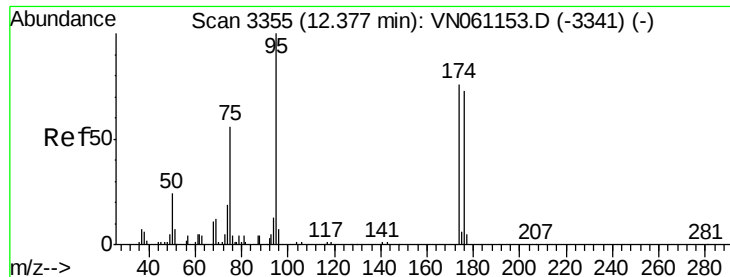
Tgt Ion: 98 Resp: 251185

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 53.634 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061252.D

Acq: 2 May 2020 5:02

Instrument :

MSVOA_N

ClientSampleId :

72-11976

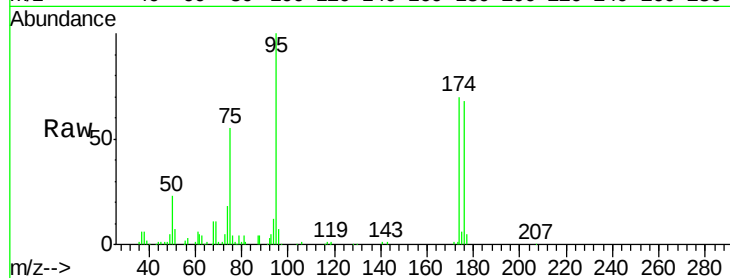
Tot Ion: 95 Resp: 95656

Ion Ratio Lower Upper

95 100

174 71.7 0.0 149.4

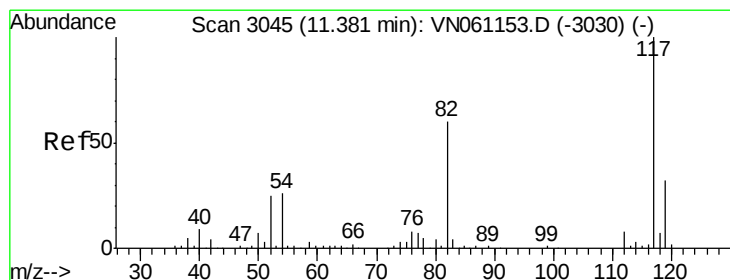
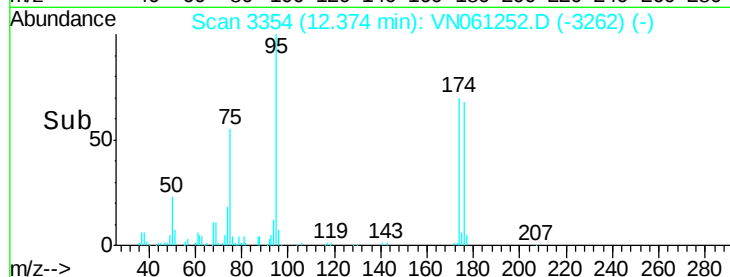
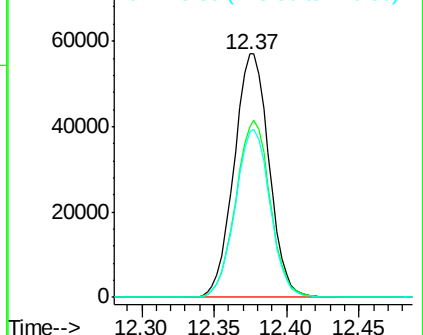
176 68.5 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3044

Delta R.T. -0.00 min

Lab File: VN061252.D

Acq: 2 May 2020 5:02

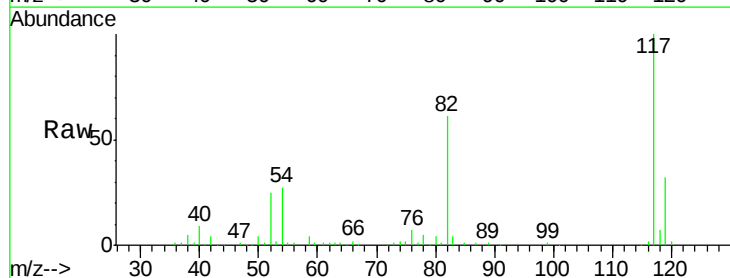
Tgt Ion: 117 Resp: 195309

Ion Ratio Lower Upper

117 100

82 61.0 47.8 71.8

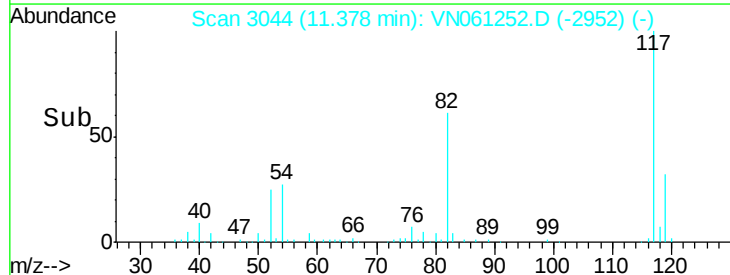
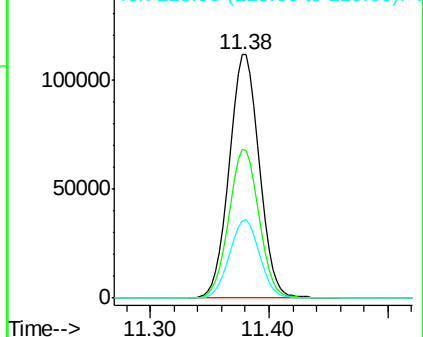
119 32.0 25.8 38.6

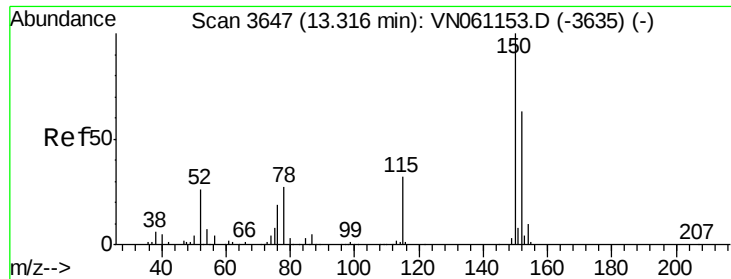


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061252.D

Acq: 2 May 2020 5:02

Instrument :

MSVOA_N

ClientSampleId :

72-11976

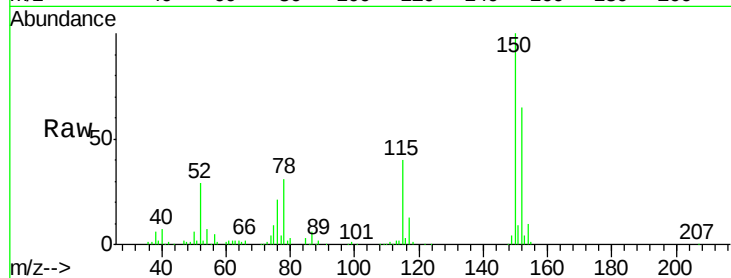
Tot Ion:152 Resp: 86510

Ion Ratio Lower Upper

152 100

115 62.4 31.0 93.0

150 156.4 0.0 351.8



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

