

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061298.D
 Acq On : 5 May 2020 17:38
 Operator : JC/MD
 Sample : L2514-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: May 06 06:07:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

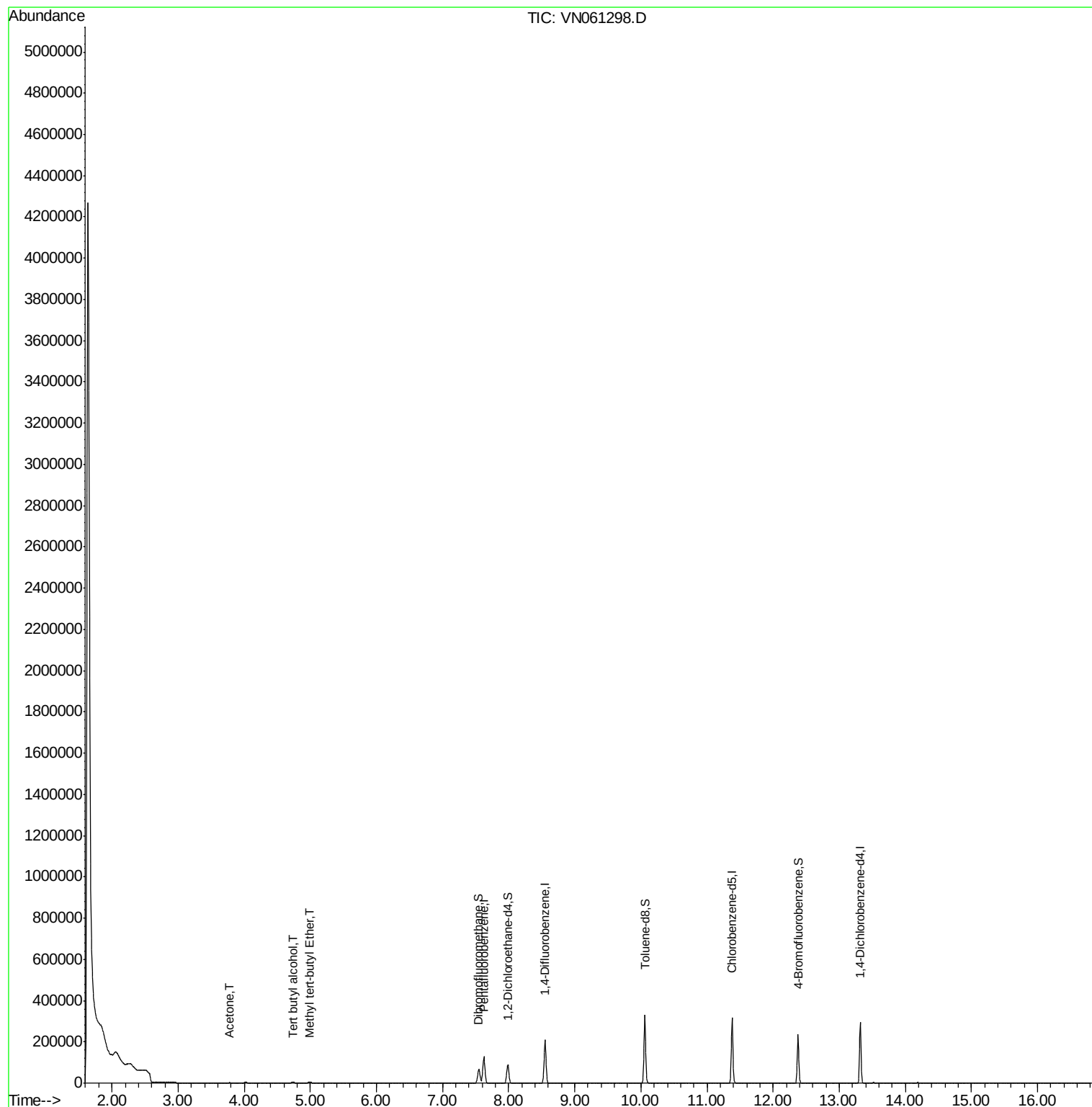
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	95442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	173219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	165362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	74285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78665	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.55	113	51834	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.06	98	214498	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.38	95	79900	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	8276	40.909	ug/l #	82
16) Acetone	3.78	43	4290	1.862	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	8323	2.163	ug/l	97

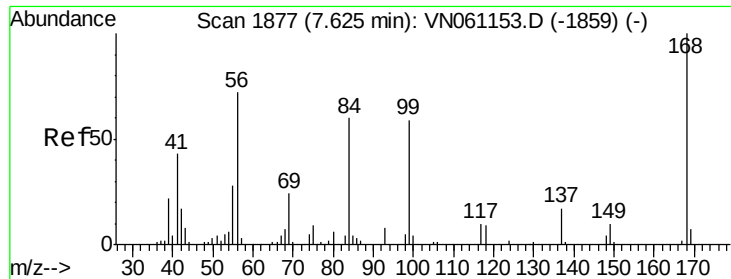
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061298.D

Acq: 5 May 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

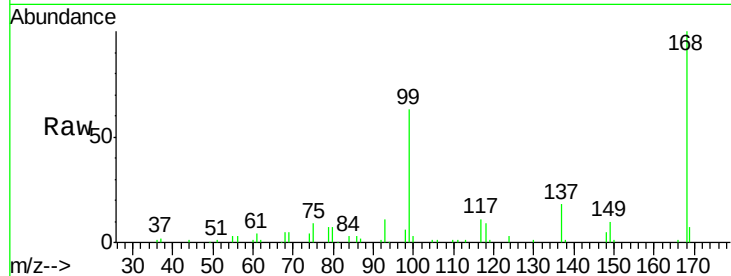
MW-3

Tot Ion:168 Resp: 95442

Ion Ratio Lower Upper

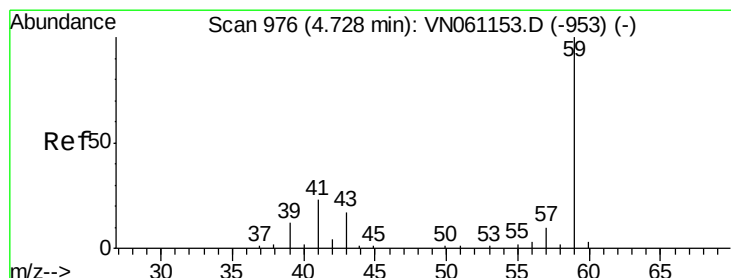
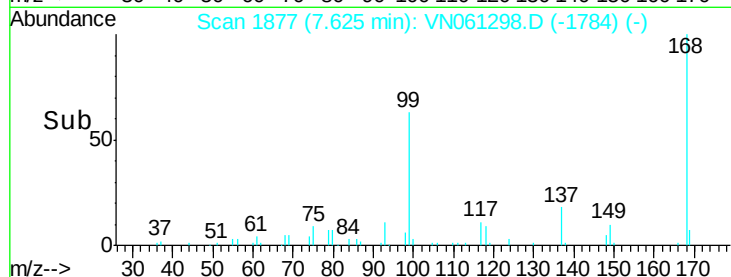
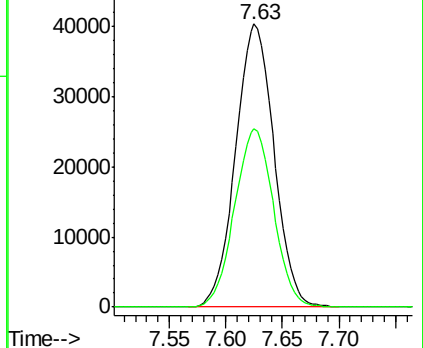
168 100

99 63.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 40.909 ug/l

RT: 4.73 min Scan# 977

Delta R.T. 0.00 min

Lab File: VN061298.D

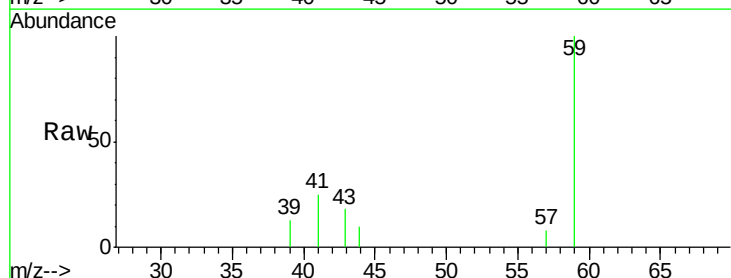
Acq: 5 May 2020 17:38

Tgt Ion: 59 Resp: 8276

Ion Ratio Lower Upper

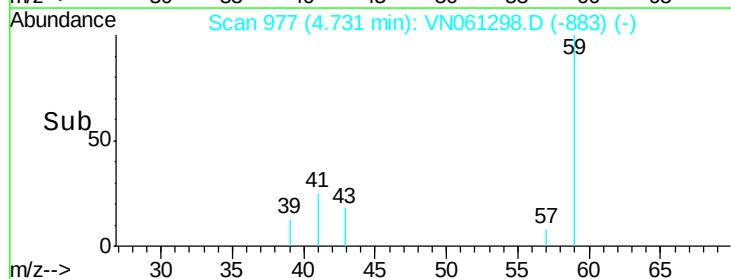
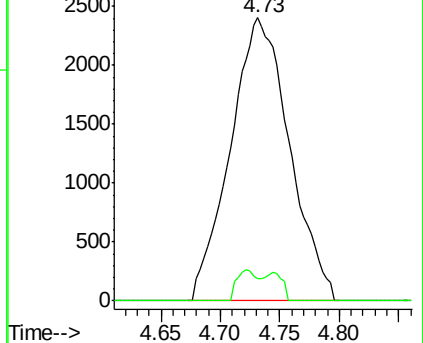
59 100

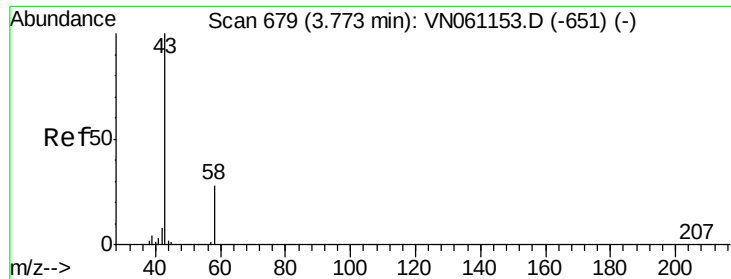
57 3.6 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 1.862 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061298.D

Acq: 5 May 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

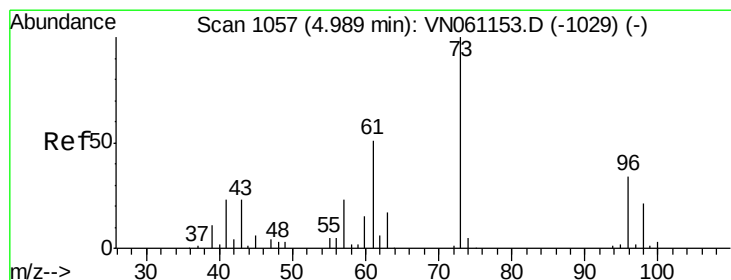
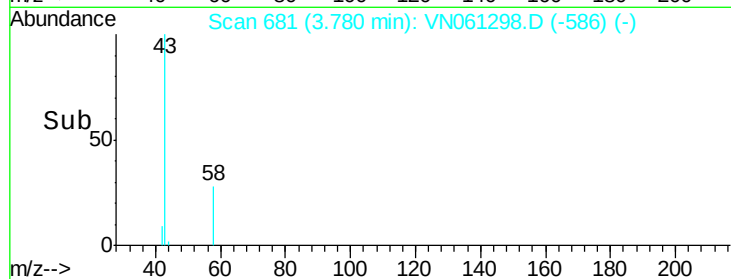
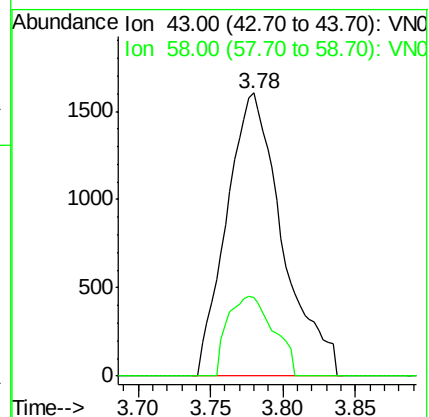
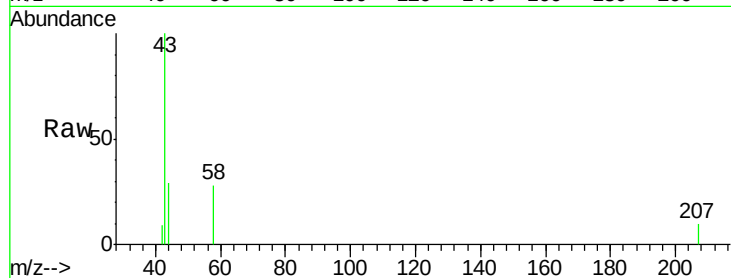
MW-3

Tot Ion: 43 Resp: 4290

Ion Ratio Lower Upper

43 100

58 27.8 22.2 33.2



#19

Methyl tert-butyl Ether

Concen: 2.163 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN061298.D

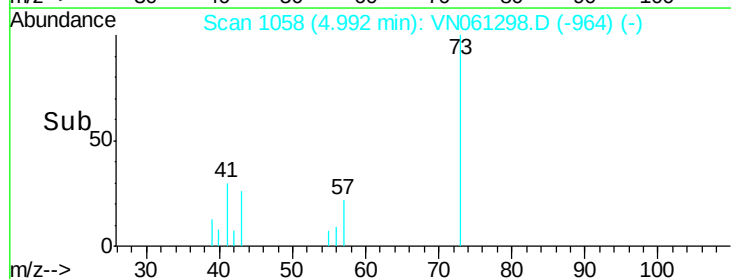
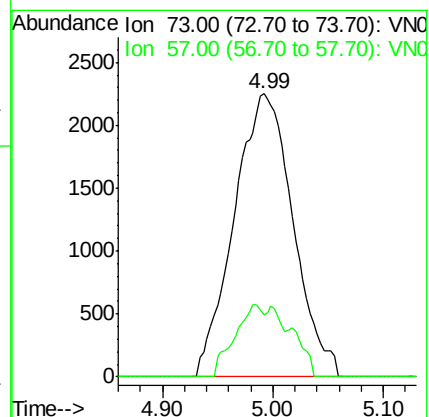
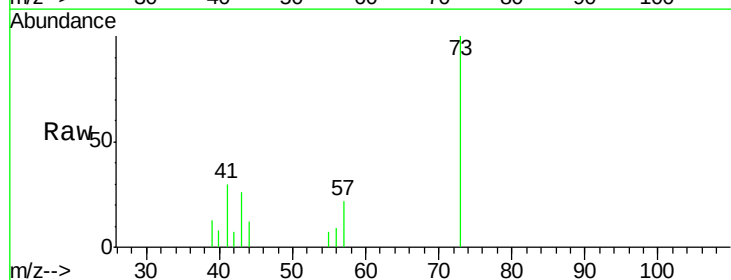
Acq: 5 May 2020 17:38

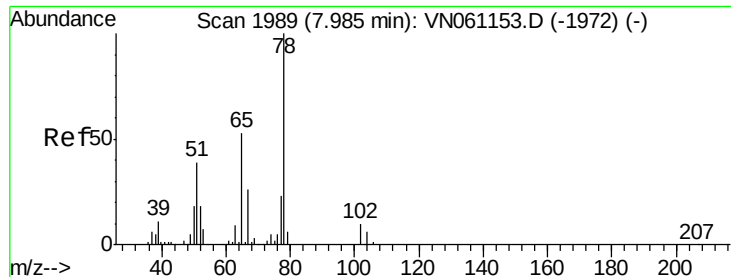
Tgt Ion: 73 Resp: 8323

Ion Ratio Lower Upper

73 100

57 21.7 18.3 27.5

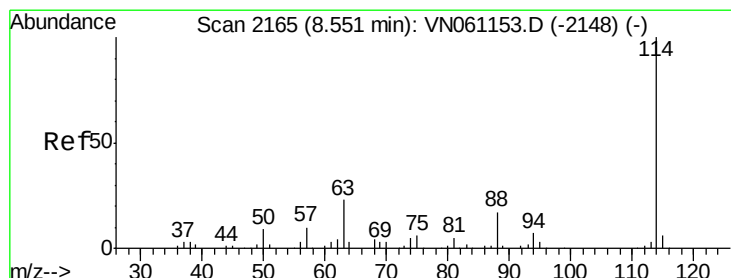
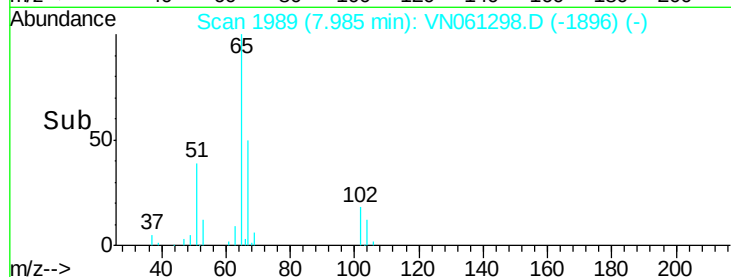
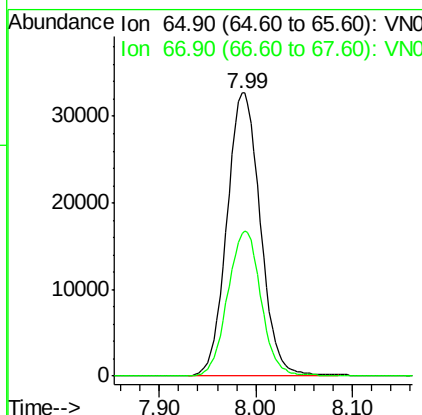
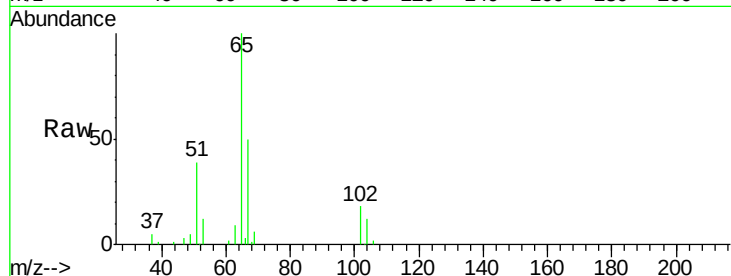




#33
 1,2-Dichloroethane-d4
 Concen: 52.090 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061298.D
 Acq: 5 May 2020 17:38

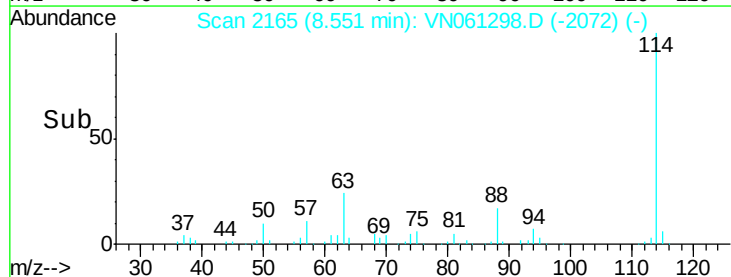
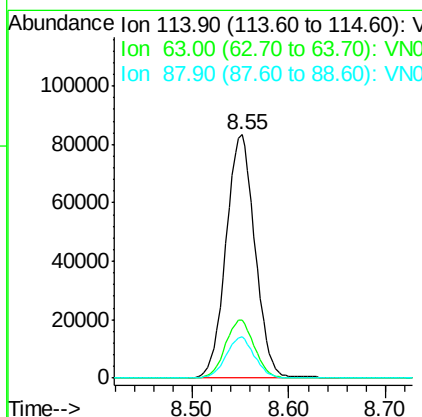
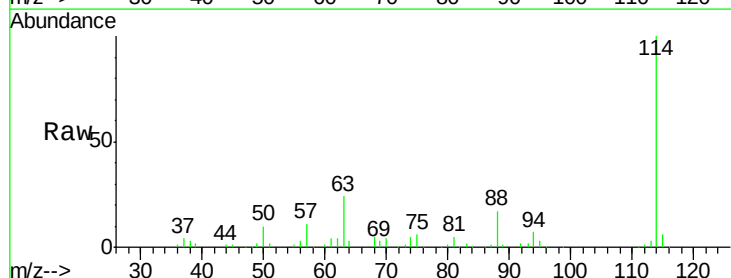
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

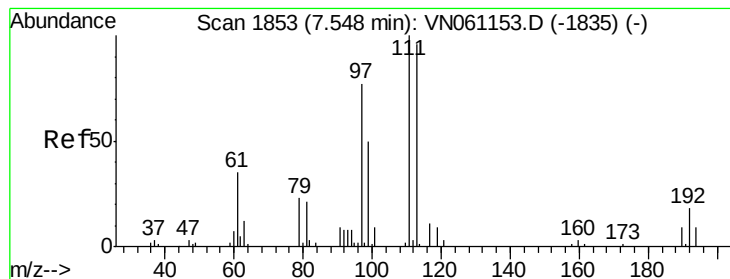
Tot Ion: 65 Resp: 78665
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061298.D
 Acq: 5 May 2020 17:38

Tgt Ion: 114 Resp: 173219
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.605 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061298.D

Acq: 5 May 2020 17:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

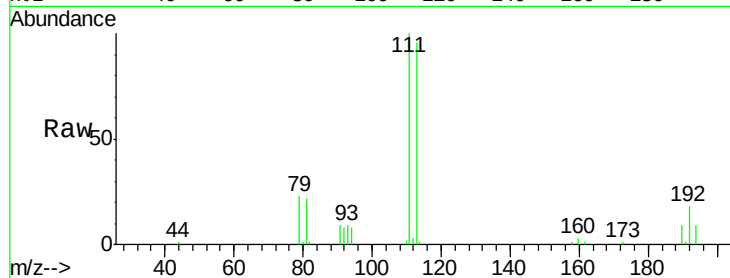
Tot Ion:113 Resp: 51834

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

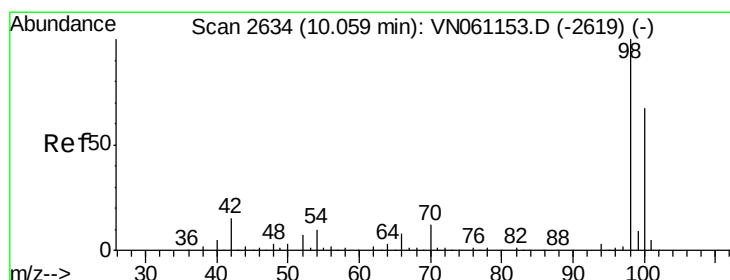
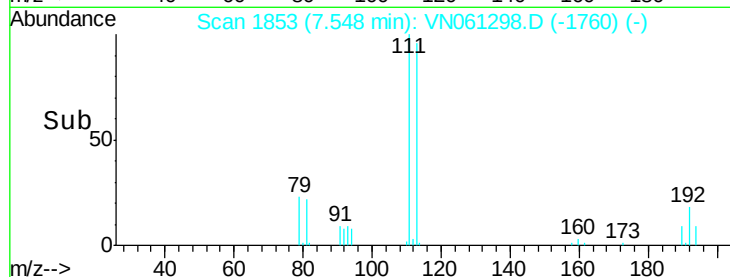
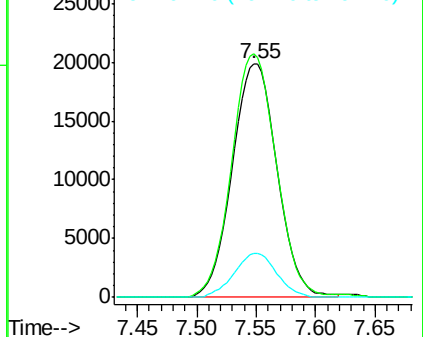
192 17.8 14.7 22.1



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



#50

Toluene-d8

Concen: 51.370 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061298.D

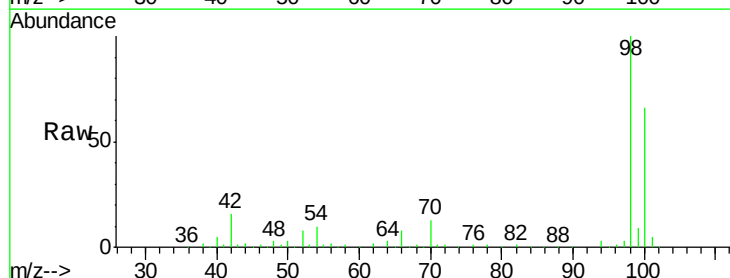
Acq: 5 May 2020 17:38

Tgt Ion: 98 Resp: 214498

Ion Ratio Lower Upper

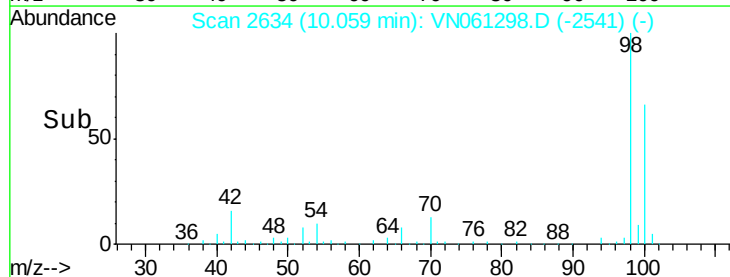
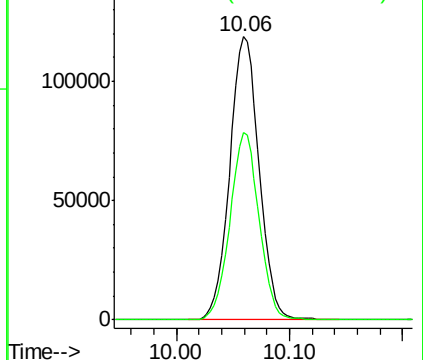
98 100

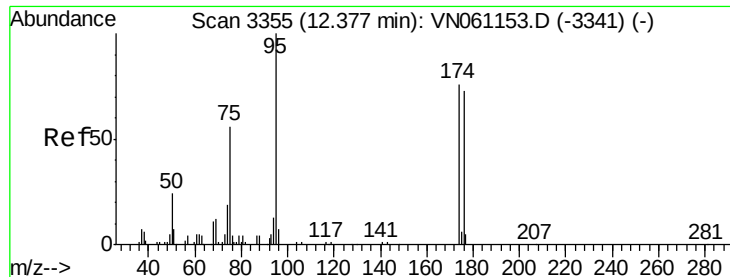
100 65.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

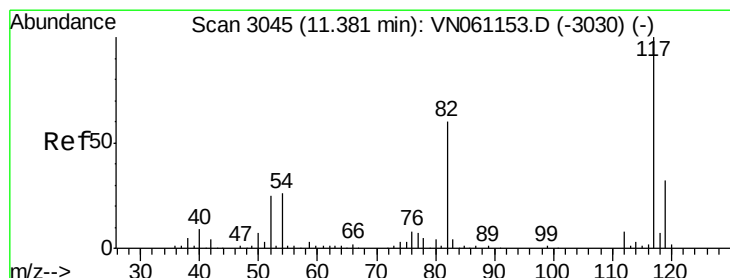
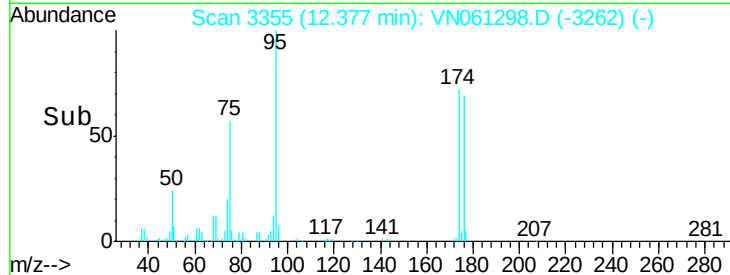
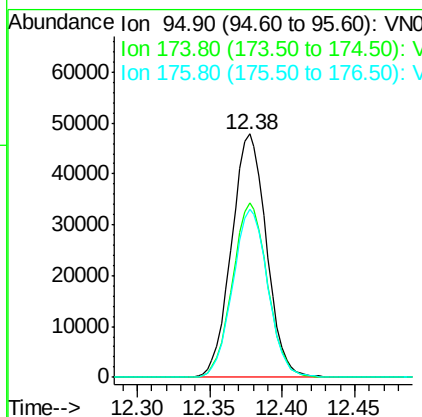
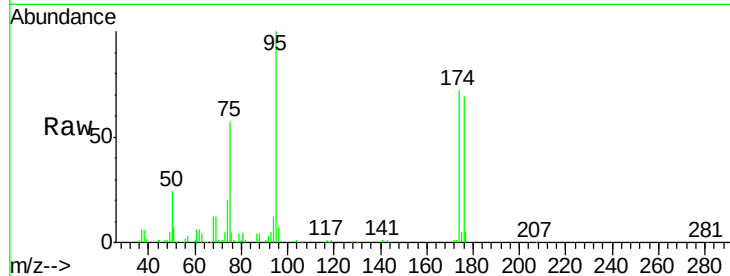




#62
4-Bromofluorobenzene
Concen: 50.849 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061298.D
Acq: 5 May 2020 17:38

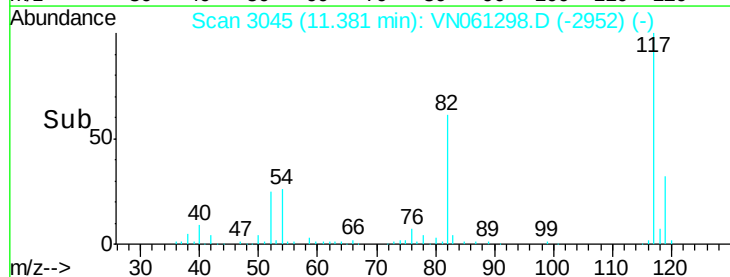
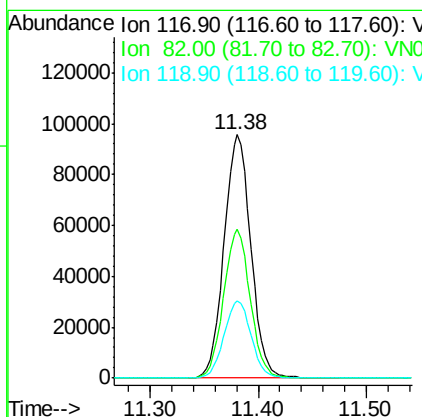
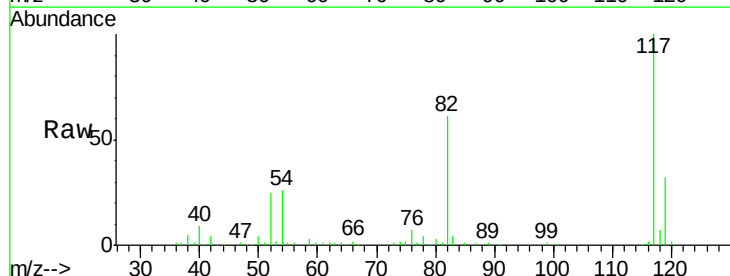
Instrument :
MSVOA_N
ClientSampleId :
MW-3

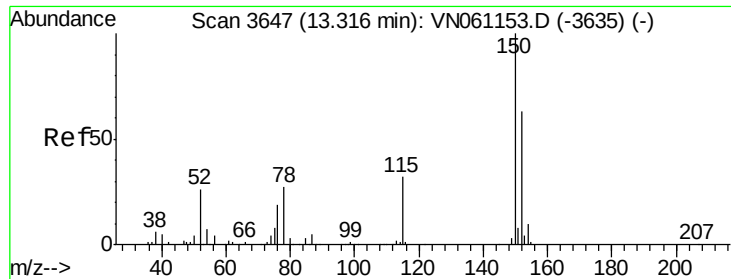
Tot Ion: 95 Resp: 79900
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.4
176 69.7 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061298.D
Acq: 5 May 2020 17:38

Tgt Ion: 117 Resp: 165362
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061298.D

Acq: 5 May 2020 17:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3

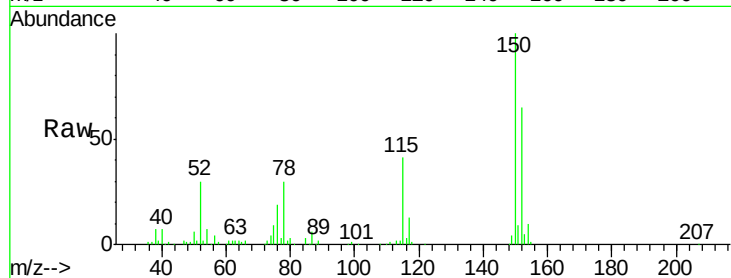
Tot Ion:152 Resp: 74285

Ion Ratio Lower Upper

152 100

115 61.5 31.0 93.0

150 155.7 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

