

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060699.D
 Acq On : 25 Mar 2020 15:59
 Operator : JC/MD
 Sample : L2019-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER

Quant Time: Mar 26 05:38:20 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

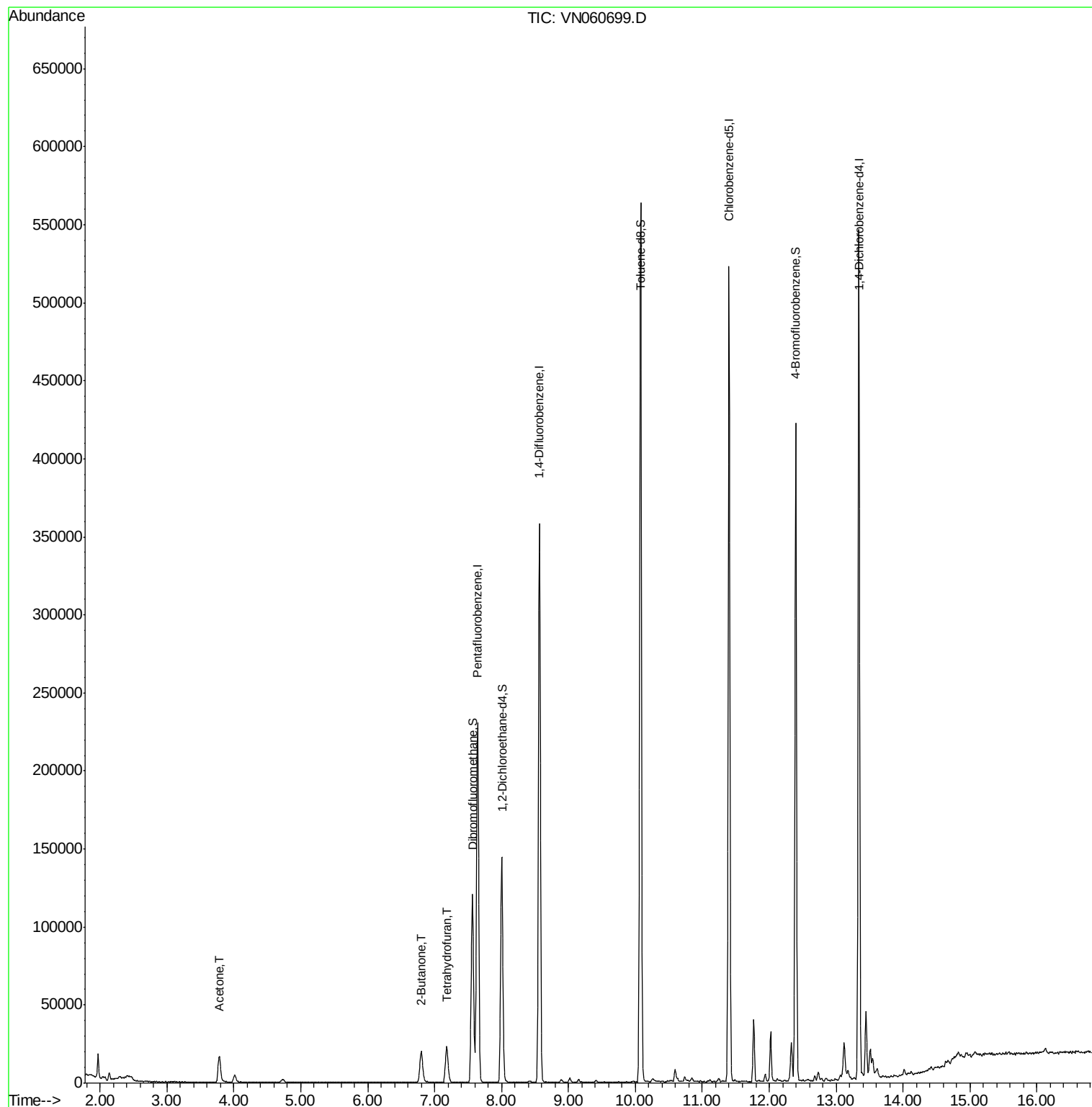
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125590	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
35) Dibromofluoromethane	7.56	113	93447	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.08	98	387699	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	146176	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
Target Compounds						
16) Acetone	3.78	43	30511	32.633	ug/l	99
25) 2-Butanone	6.80	43	39791	26.300	ug/l	99
29) Tetrahydrofuran	7.18	42	21146	19.754	ug/l	96

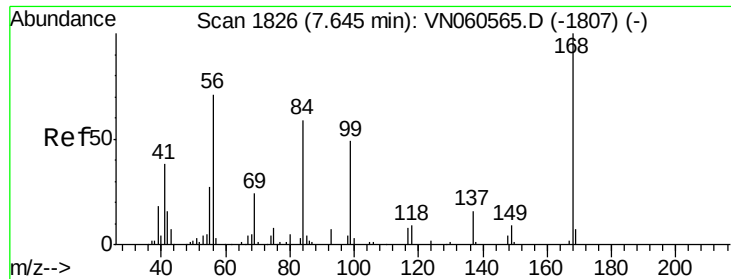
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 08:49:09 2020
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: VN060699.D

Acq: 25 Mar 2020 15:59

Instrument :

MSVOA_N

ClientSampled :

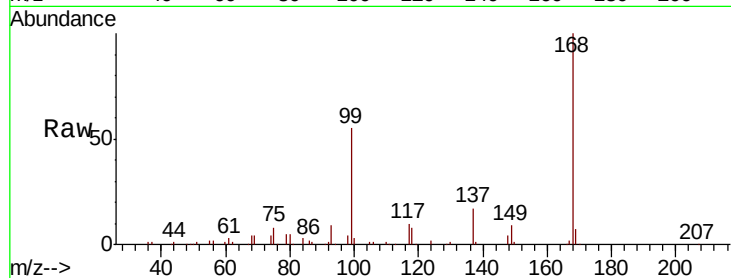
WATER

Tot Ion:168 Resp: 192277

Ion Ratio Lower Upper

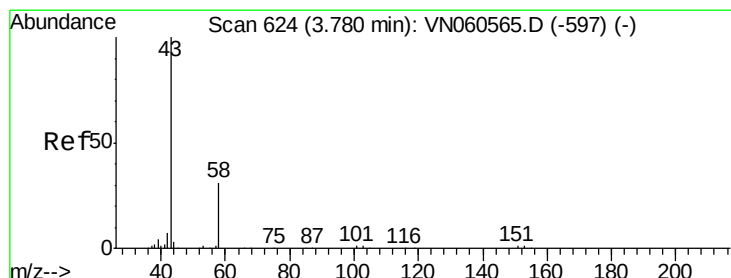
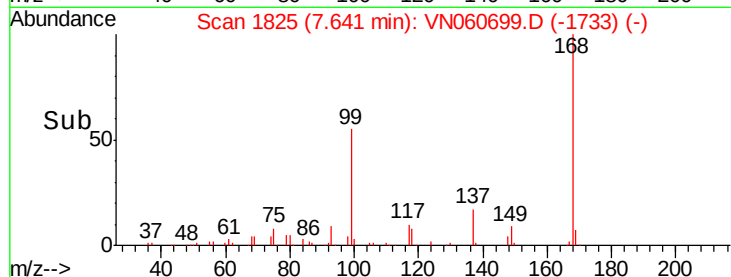
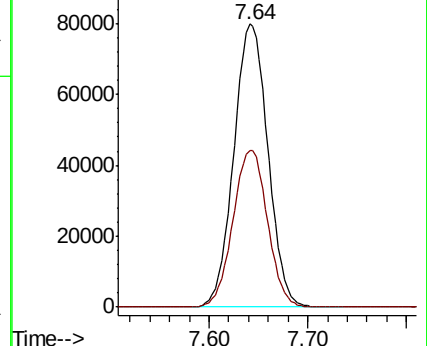
168 100

99 55.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 32.633 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060699.D

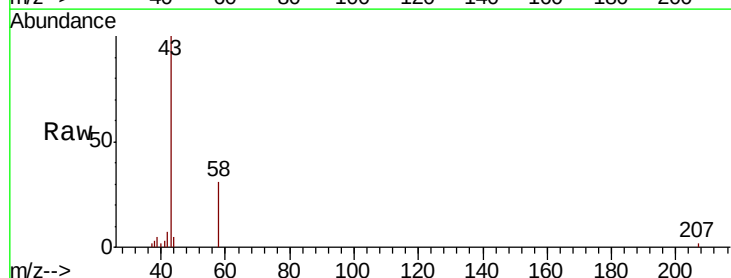
Acq: 25 Mar 2020 15:59

Tgt Ion: 43 Resp: 30511

Ion Ratio Lower Upper

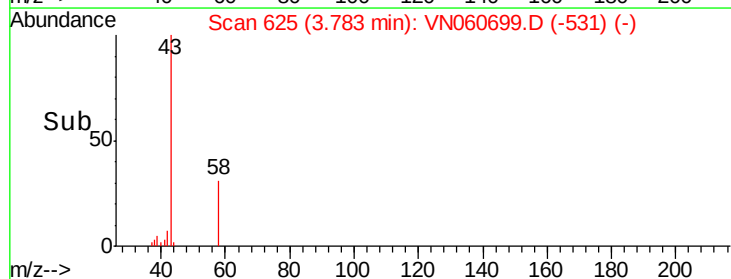
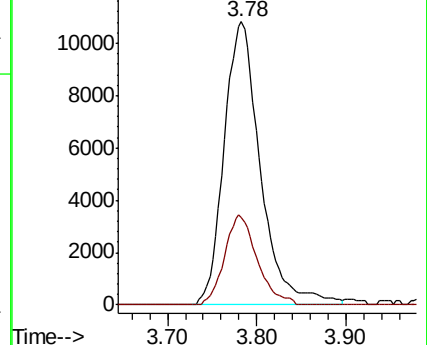
43 100

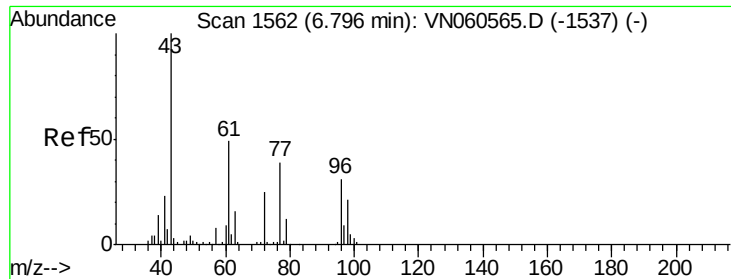
58 31.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#25

2-Butanone

Concen: 26.300 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060699.D

Acq: 25 Mar 2020 15:59

Instrument :

MSVOA_N

ClientSampled :

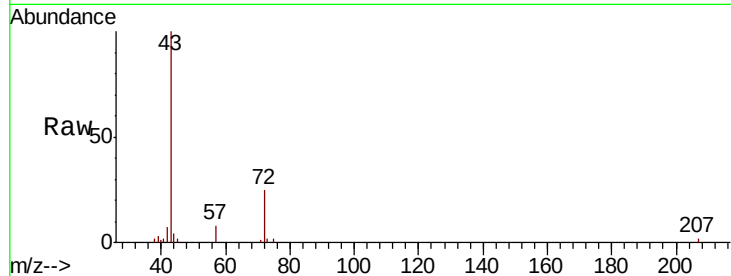
WATER

Tot Ion: 43 Resp: 39791

Ion Ratio Lower Upper

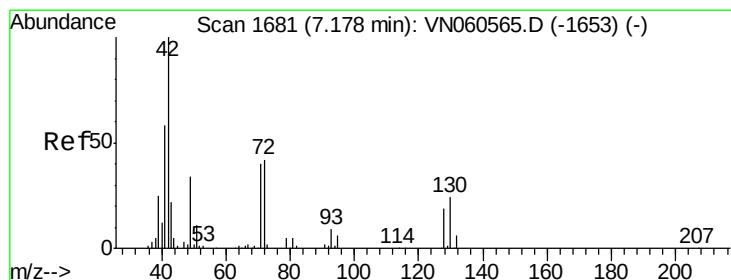
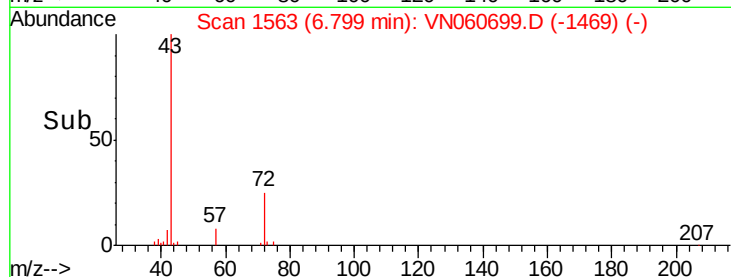
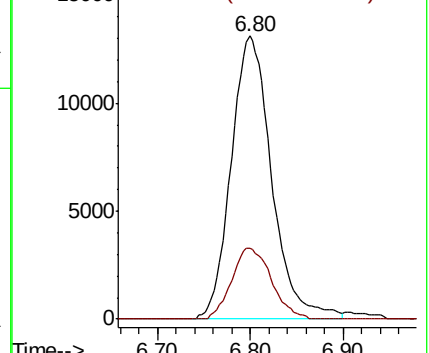
43 100

72 25.1 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN060565.D (-1537) (-)



#29

Tetrahydrofuran

Concen: 19.754 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN060699.D

Acq: 25 Mar 2020 15:59

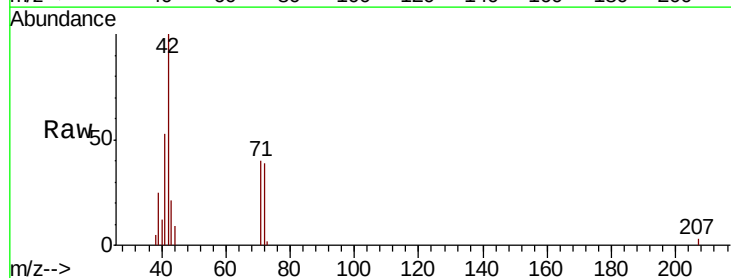
Tgt Ion: 42 Resp: 21146

Ion Ratio Lower Upper

42 100

72 37.7 33.2 49.8

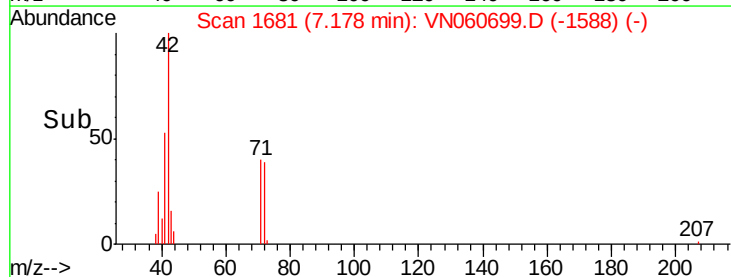
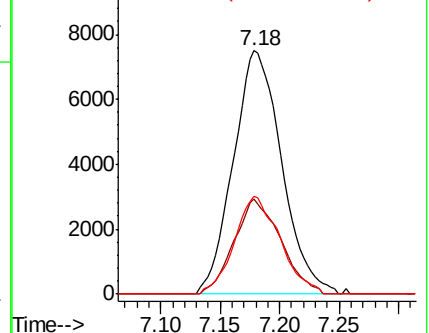
71 37.9 31.1 46.7

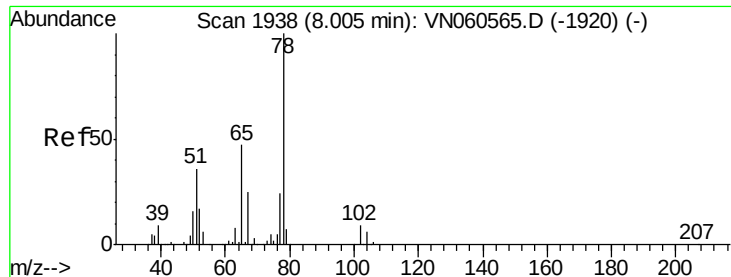


Abundance Ion 42.00 (41.70 to 42.70): VN060565.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN060565.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN060565.D (-1653) (-)

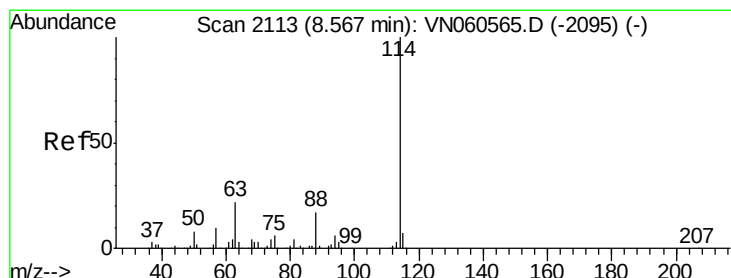
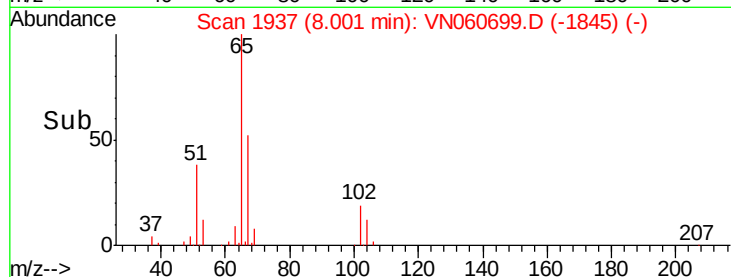
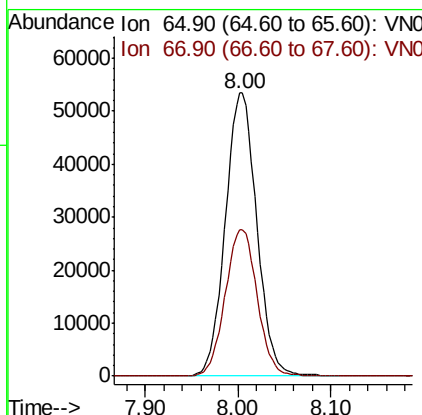
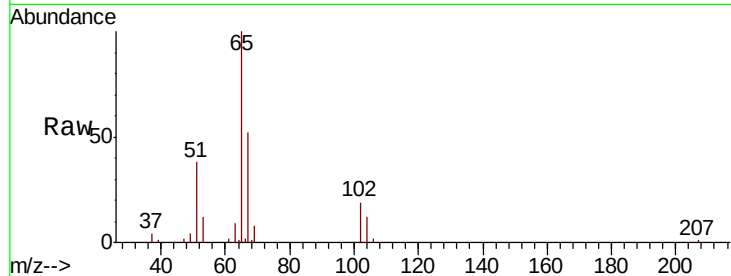




#33
 1,2-Dichloroethane-d4
 Concen: 47.581 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060699.D
 Acq: 25 Mar 2020 15:59

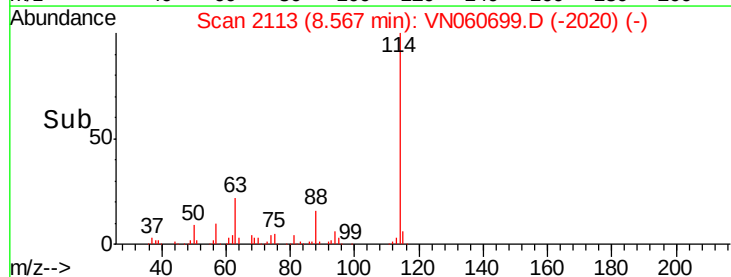
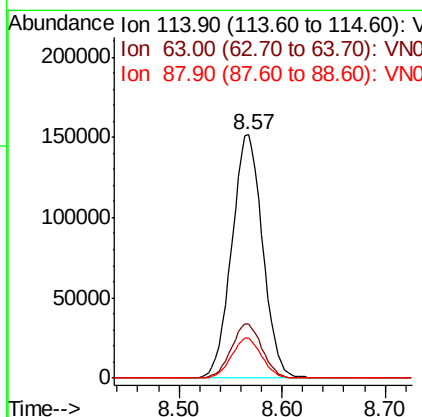
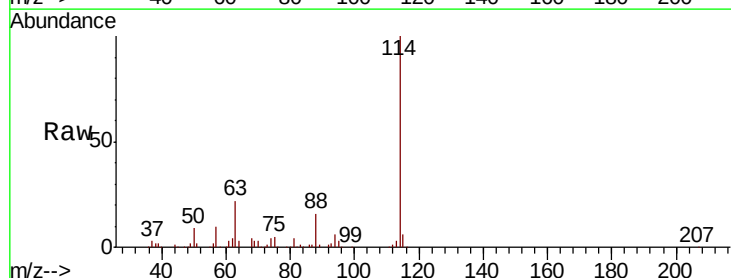
Instrument :
 MSVOA_N
 ClientSampleId :
 WATER

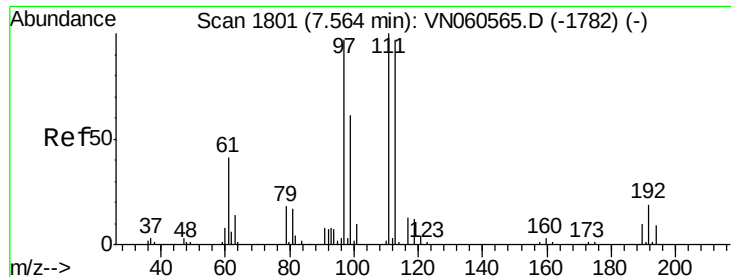
Tot Ion: 65 Resp: 125590
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060699.D
 Acq: 25 Mar 2020 15:59

Tgt Ion: 114 Resp: 315793
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.3 0.0 33.0

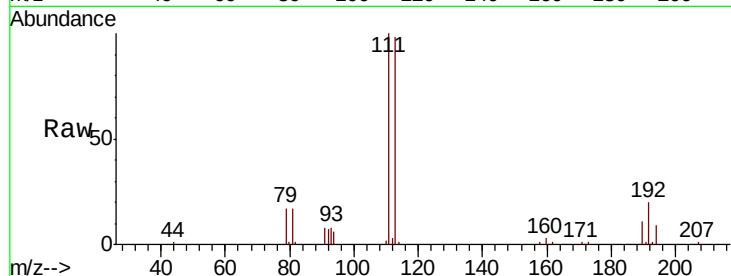




#35
 Dibromofluoromethane
 Concen: 48.938 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060699.D
 Acq: 25 Mar 2020 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.3	15.8	23.8

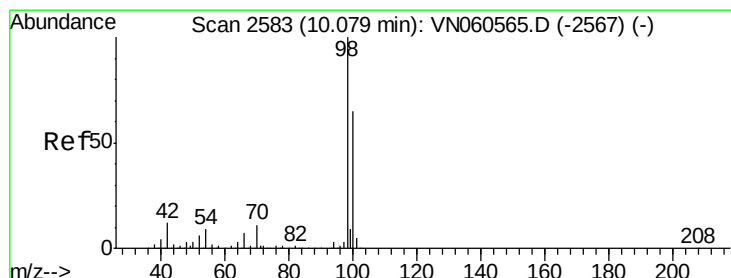
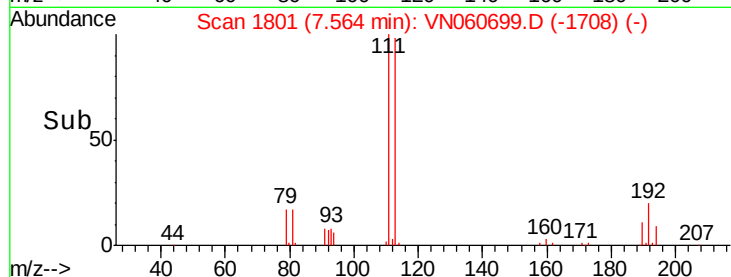
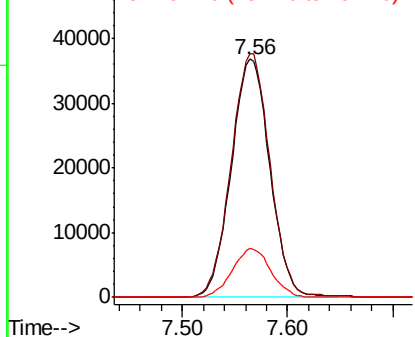


Abundance

Ion 112.80 (112.50 to 113.50): V

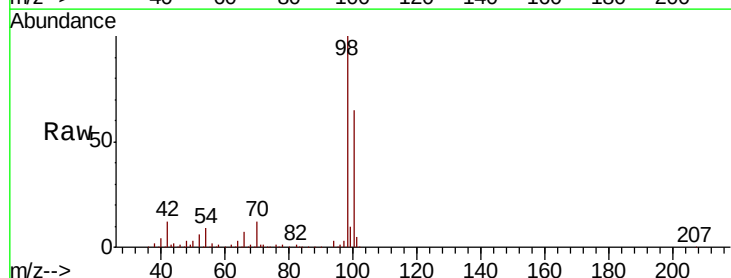
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 49.708 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060699.D
 Acq: 25 Mar 2020 15:59

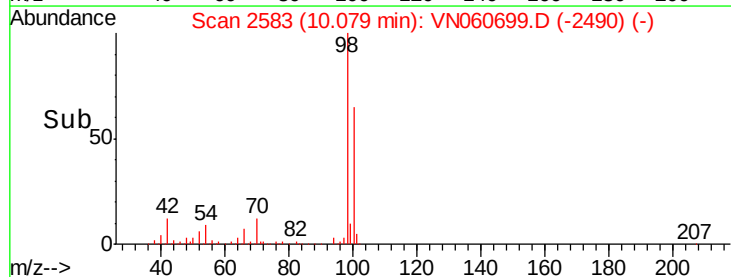
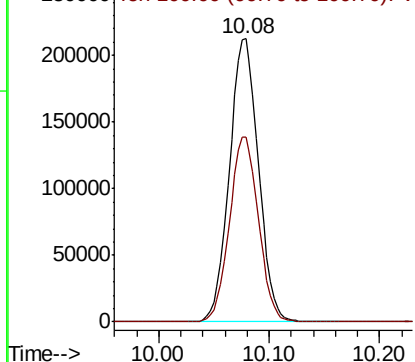
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.8	77.8

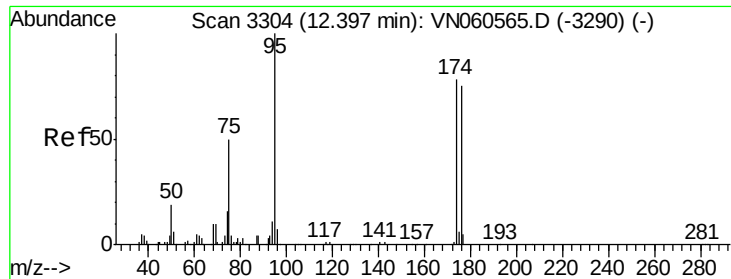


Abundance

Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

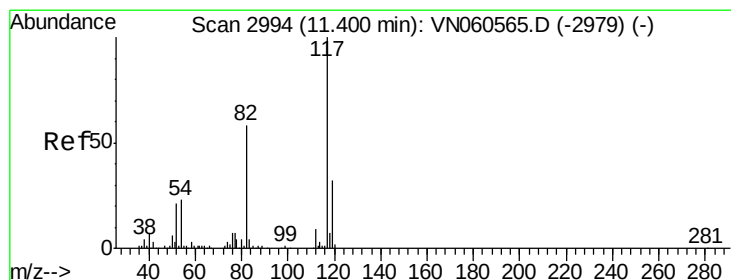
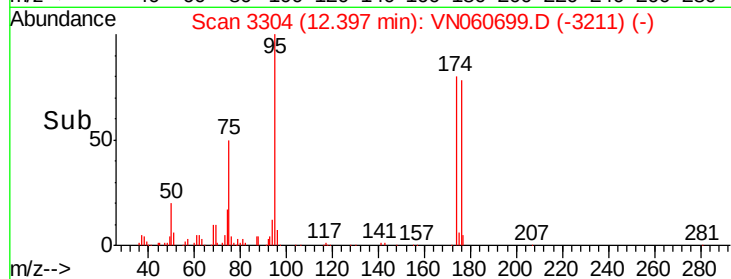
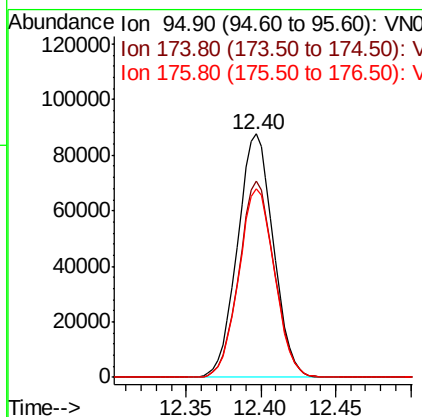
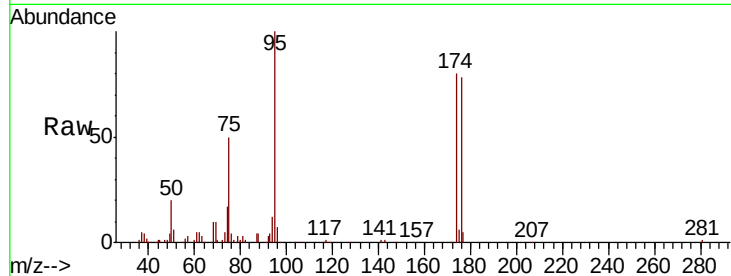




#62
4-Bromofluorobenzene
Concen: 51.139 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060699.D
Acq: 25 Mar 2020 15:59

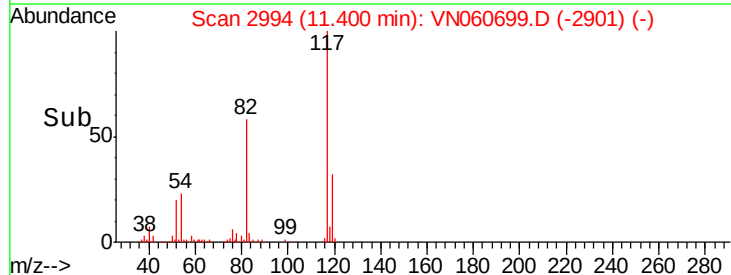
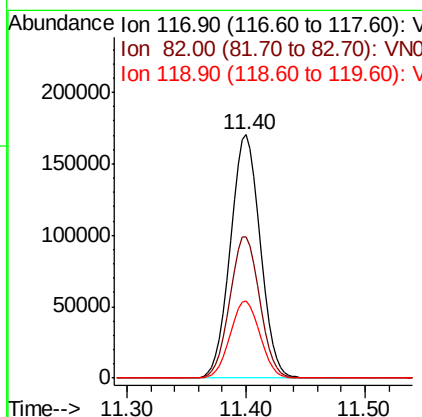
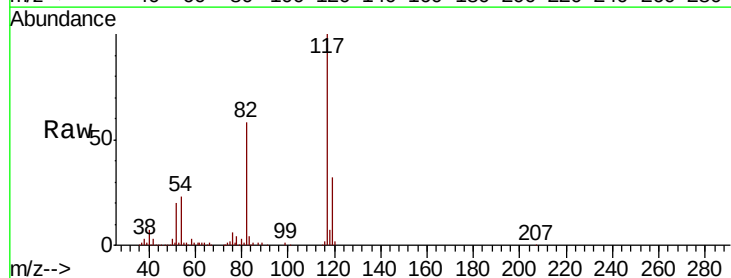
Instrument :
MSVOA_N
ClientSampleId :
WATER

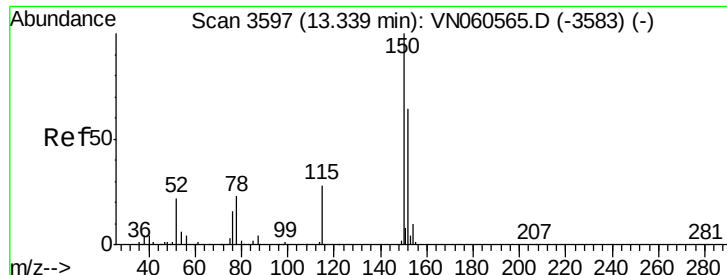
Tot Ion: 95 Resp: 146176
Ion Ratio Lower Upper
95 100
174 79.2 0.0 157.6
176 77.1 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060699.D
Acq: 25 Mar 2020 15:59

Tgt Ion: 117 Resp: 296039
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060699.D

Acq: 25 Mar 2020 15:59

Instrument :

MSVOA_N

ClientSampleId :

WATER

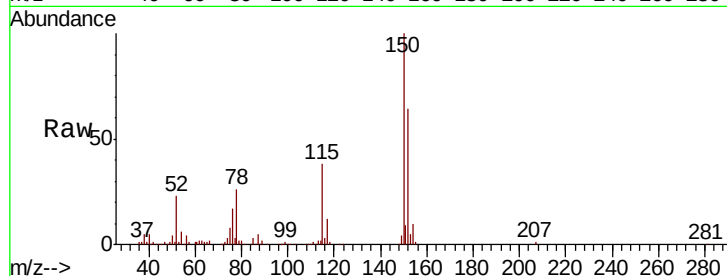
Tot Ion:152 Resp: 140518

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 157.2 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

