

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060991.D
 Acq On : 16 Apr 2020 2:49
 Operator : JC/MD
 Sample : L2278-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-RECLAMATION-PIT

Quant Time: Apr 16 08:43:50 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

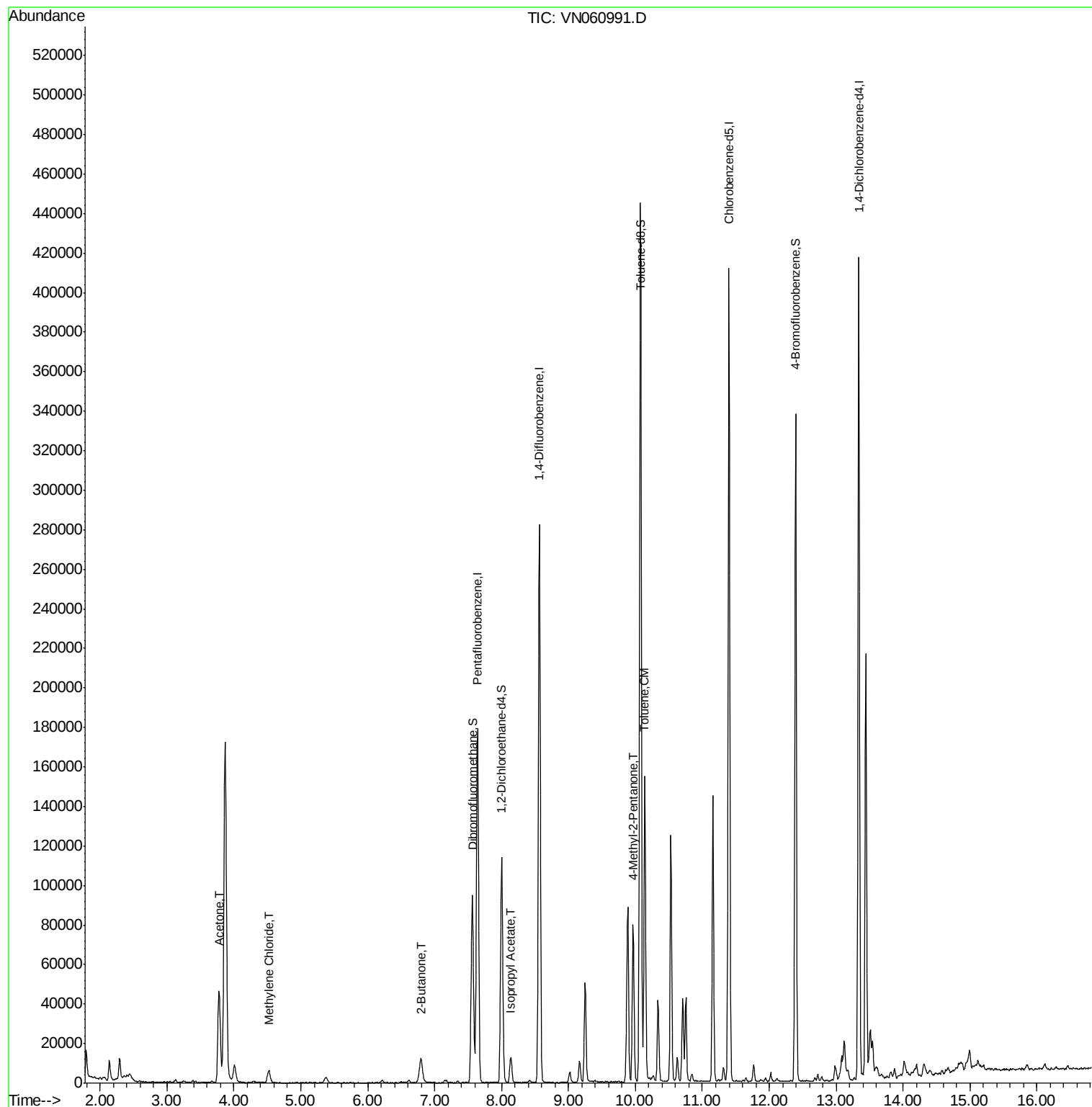
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	144454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	246304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	234200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96854	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	7.56	113	73565	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.08	98	307621	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.39	95	119248	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
Target Compounds						
16) Acetone	3.78	43	82225	117.058	ug/l	97
20) Methylene Chloride	4.53	84	5055	2.925	ug/l	95
25) 2-Butanone	6.80	43	22352	19.665	ug/l	97
43) Isopropyl Acetate	8.14	43	15781	3.713	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	55927	23.125	ug/l	99
52) Toluene	10.14	92	66468	15.287	ug/l	99

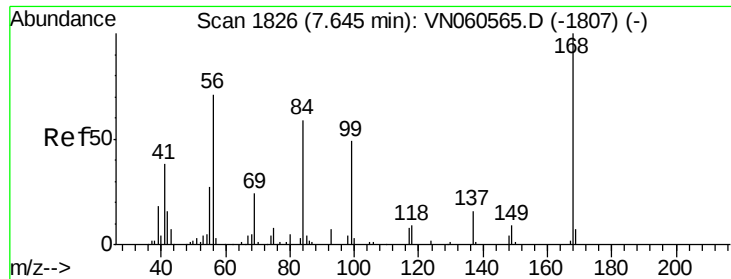
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060991.D

Acq: 16 Apr 2020 2:49

Instrument :

MSVOA_N

ClientSampleId :

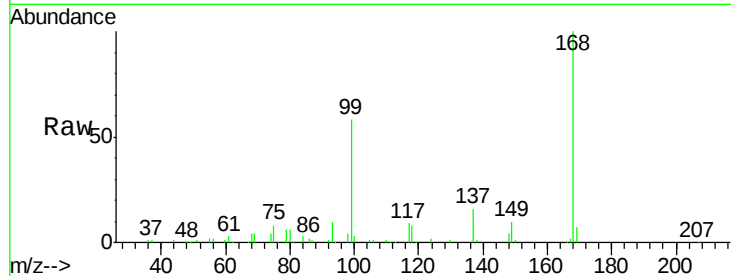
WATER-RECLAMATION-PIT

Tot Ion:168 Resp: 144454

Ion Ratio Lower Upper

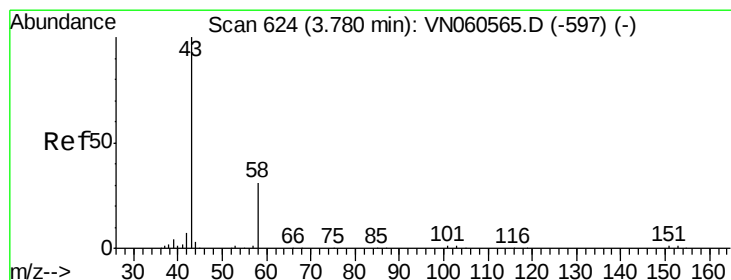
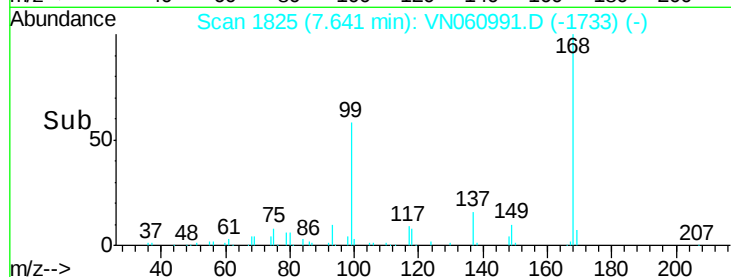
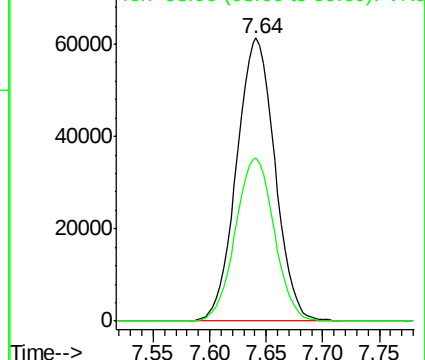
168 100

99 57.7 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: 117.058 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060991.D

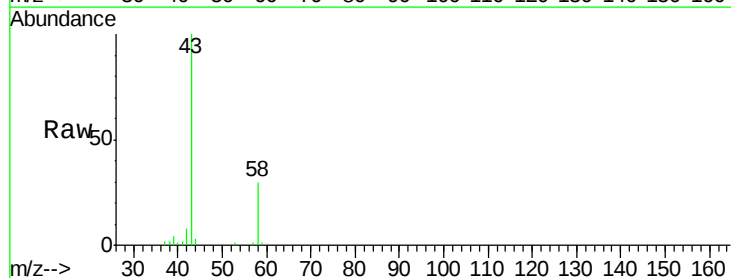
Acq: 16 Apr 2020 2:49

Tgt Ion: 43 Resp: 82225

Ion Ratio Lower Upper

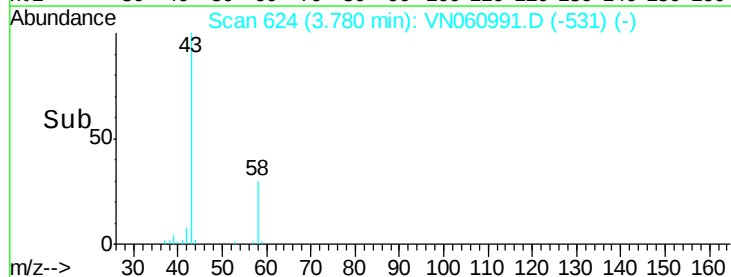
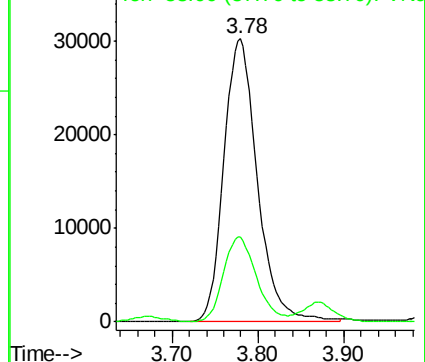
43 100

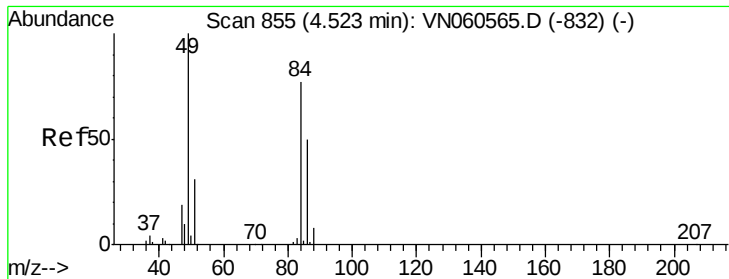
58 29.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

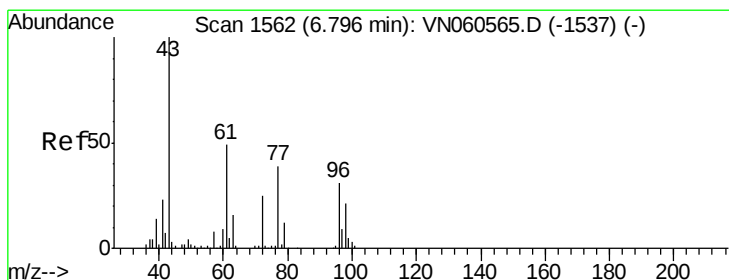
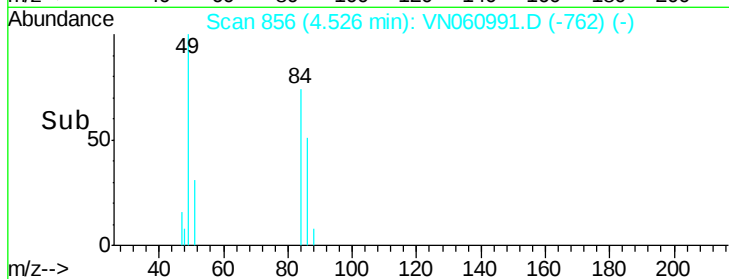
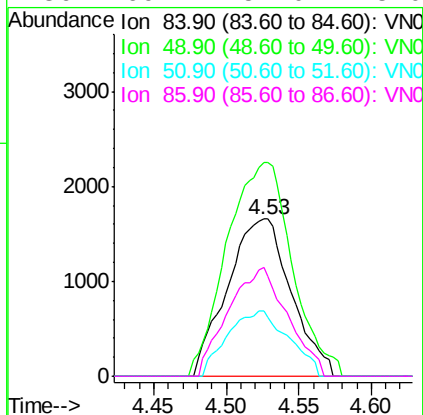
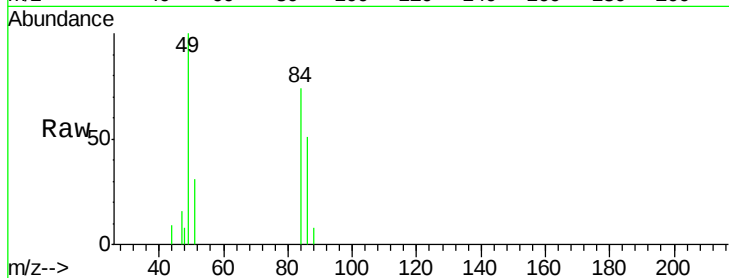




#20
Methvlene Chloride
Concen: 2.925 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060991.D
Acq: 16 Apr 2020 2:49

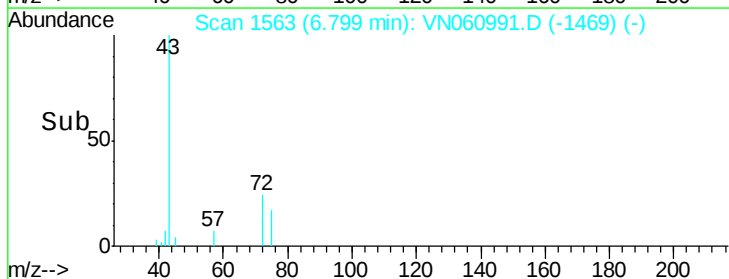
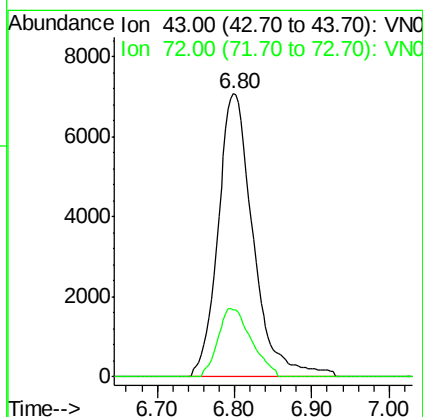
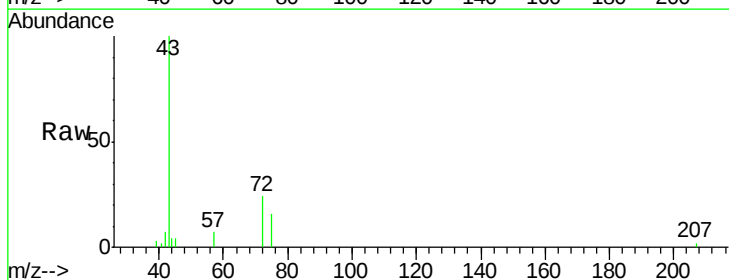
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WATER-RECLAMATION-PIT

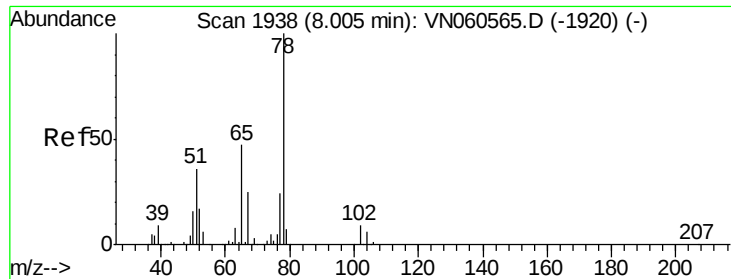
Tot Ion:	84	Resp:	5055
Ion	Ratio	Lower	Upper
84	100		
49	135.9	103.3	154.9
51	41.8	31.6	47.4
86	69.1	52.0	78.0



#25
2-Butanone
Concen: 19.665 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060991.D
Acq: 16 Apr 2020 2:49

Tgt Ion:	43	Resp:	22352
Ion	Ratio	Lower	Upper
43	100		
72	23.9	20.4	30.6

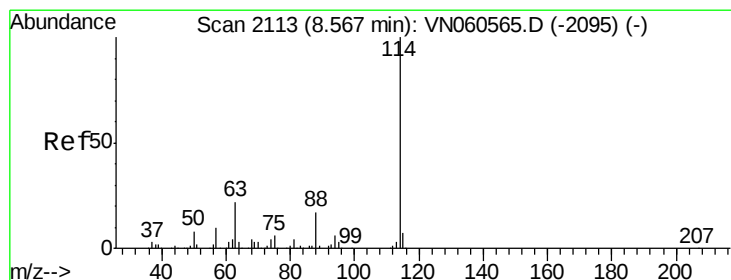
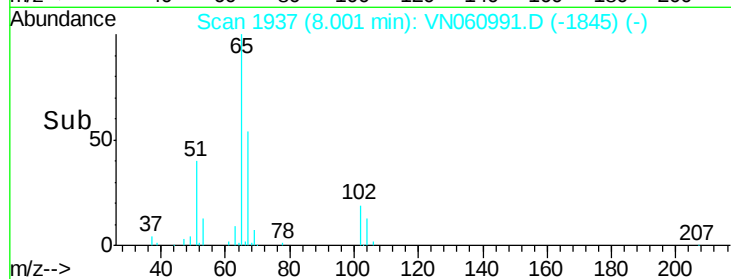
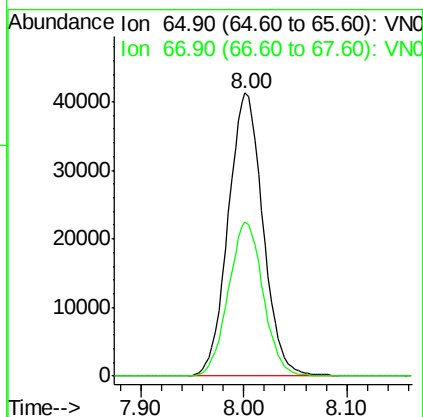
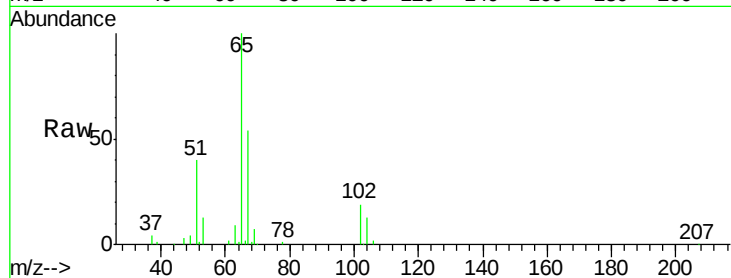




#33
 1,2-Dichloroethane-d4
 Concen: 48.842 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060991.D
 Acq: 16 Apr 2020 2:49

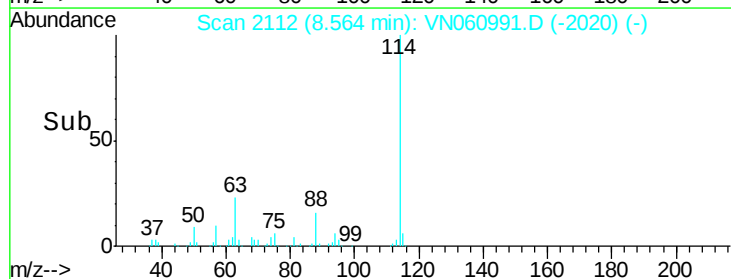
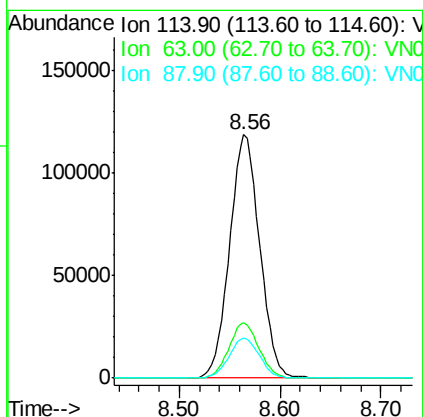
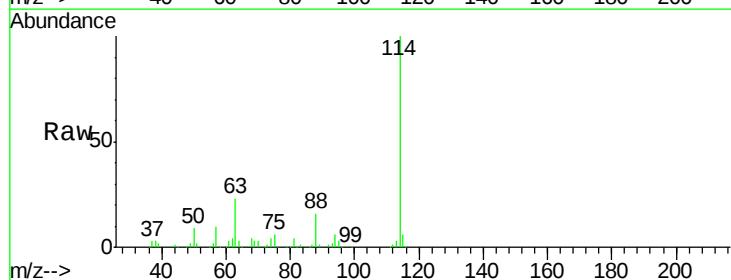
Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-RECLAMATION-PIT

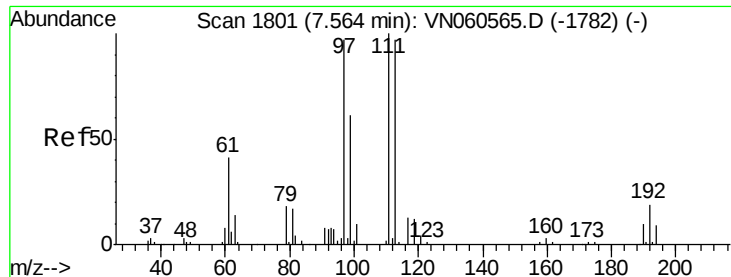
Tot Ion: 65 Resp: 96854
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060991.D
 Acq: 16 Apr 2020 2:49

Tgt Ion: 114 Resp: 246304
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.395 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060991.D

Acq: 16 Apr 2020 2:49

Instrument :

MSVOA_N

ClientSampleId :

WATER-RECLAMATION-PIT

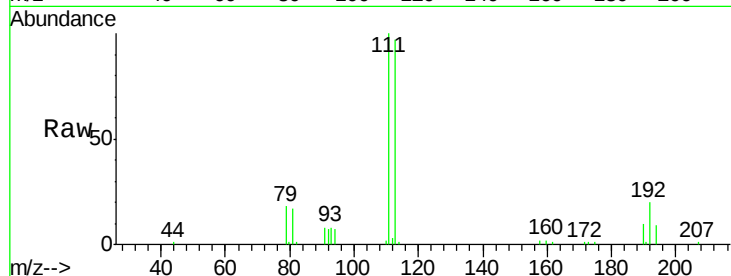
Tot Ion:113 Resp: 73565

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

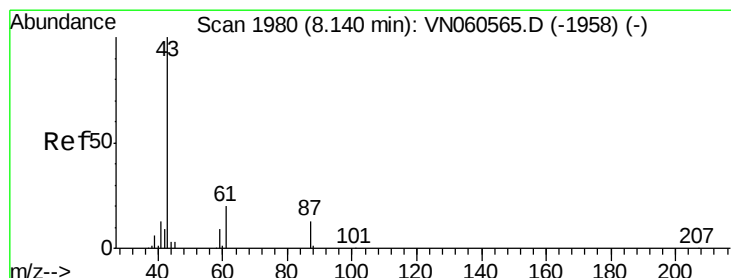
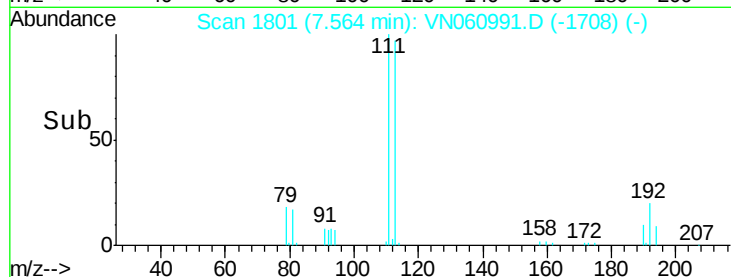
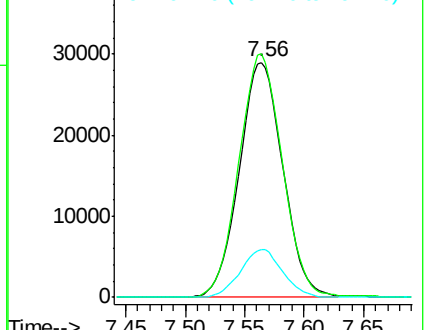
192 19.7 15.8 23.8



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: 3.713 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060991.D

Acq: 16 Apr 2020 2:49

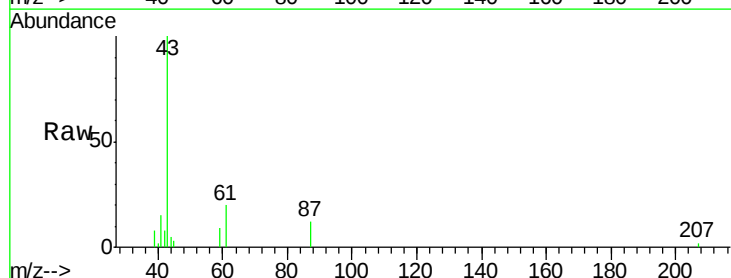
Tgt Ion: 43 Resp: 15781

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

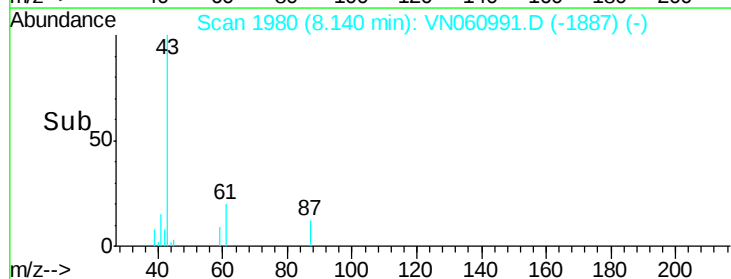
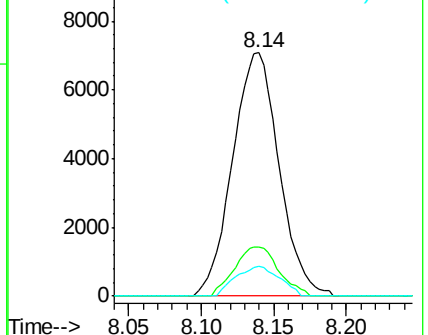
87 11.7 9.8 14.8

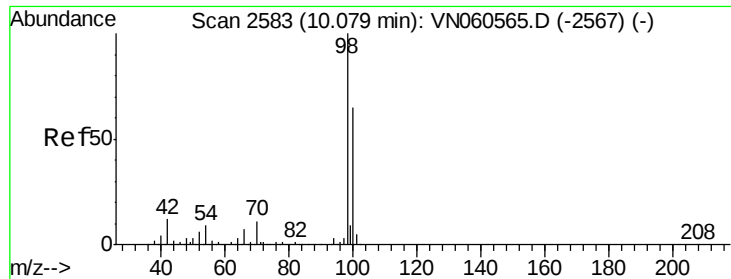


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.568 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060991.D

Acq: 16 Apr 2020 2:49

Instrument :

MSVOA_N

ClientSampleId :

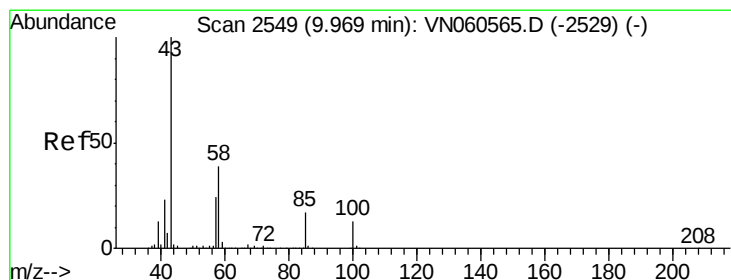
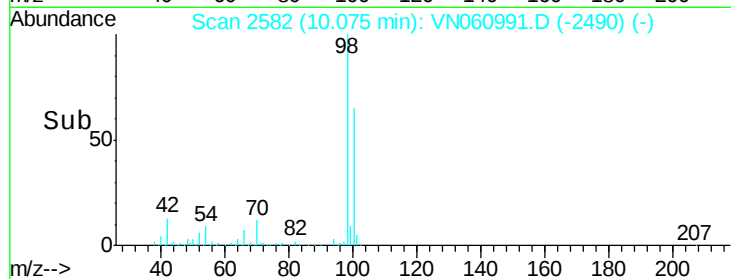
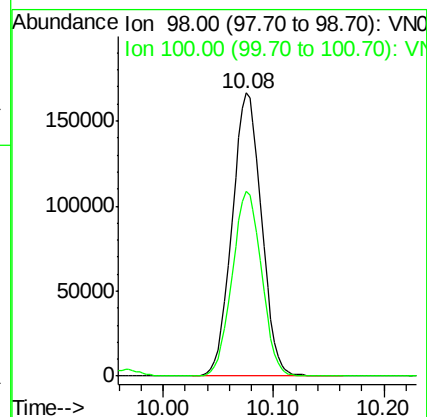
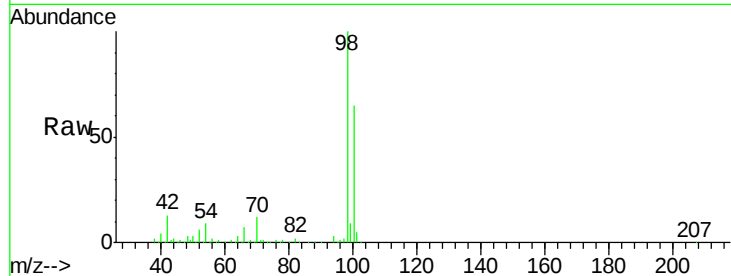
WATER-RECLAMATION-PIT

Tot Ion: 98 Resp: 307621

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 23.125 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060991.D

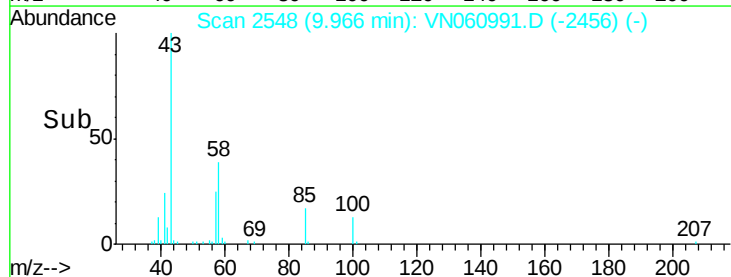
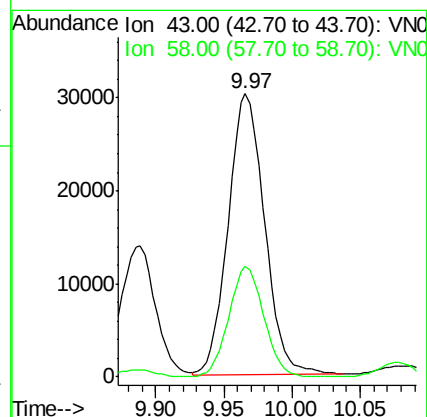
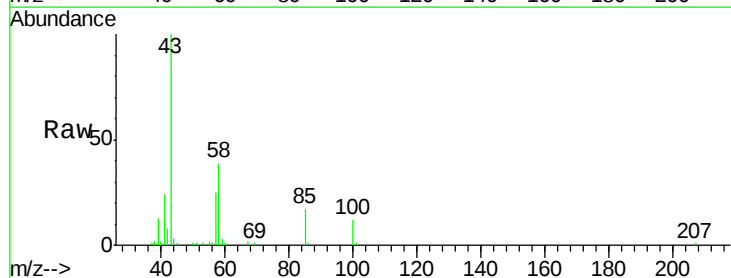
Acq: 16 Apr 2020 2:49

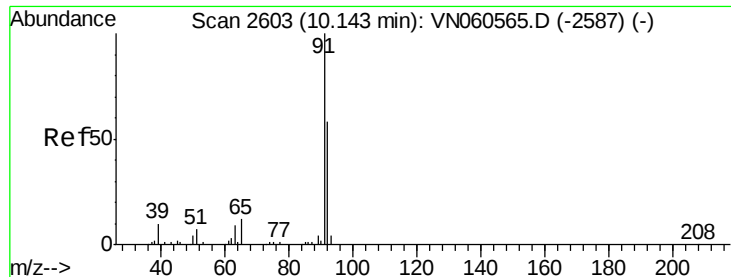
Tgt Ion: 43 Resp: 55927

Ion Ratio Lower Upper

43 100

58 37.9 30.8 46.2





#52

Toluene

Concen: 15.287 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060991.D

Acq: 16 Apr 2020 2:49

Instrument :

MSVOA_N

ClientSampleId :

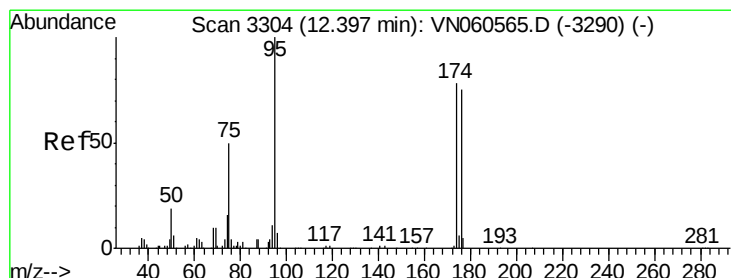
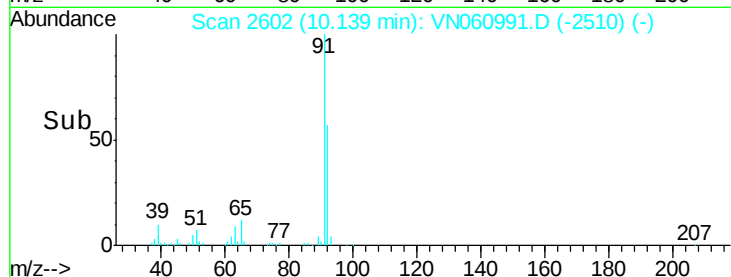
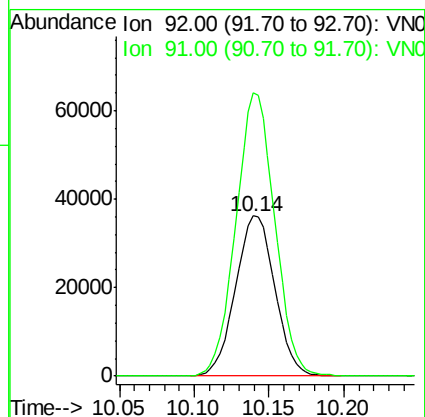
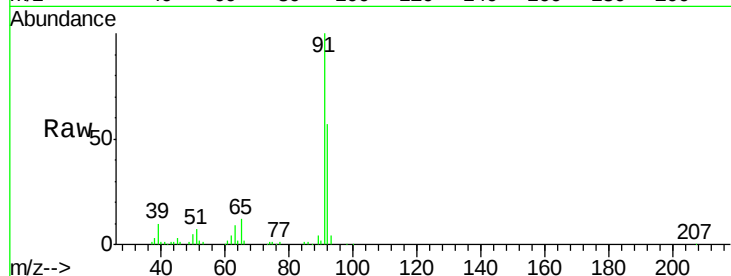
WATER-RECLAMATION-PIT

Tot Ion: 92 Resp: 66468

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 53.488 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060991.D

Acq: 16 Apr 2020 2:49

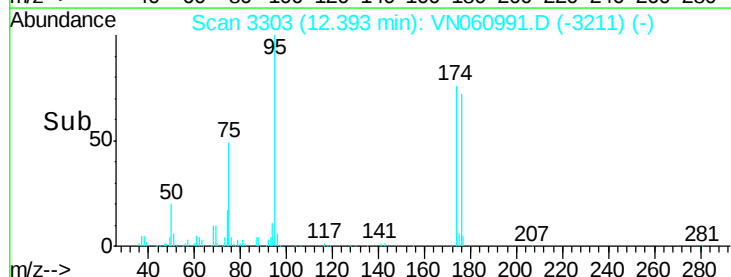
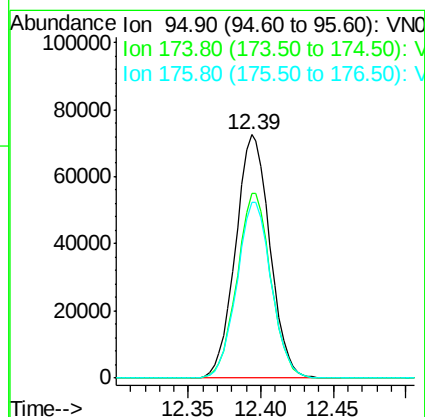
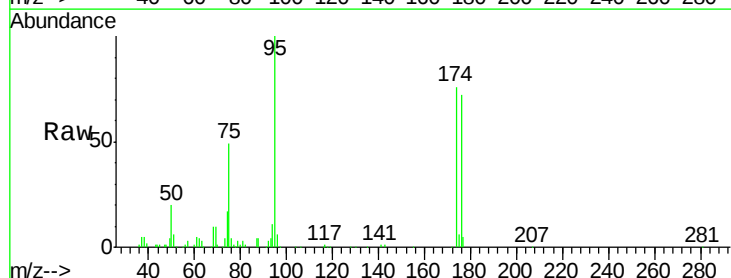
Tgt Ion: 95 Resp: 119248

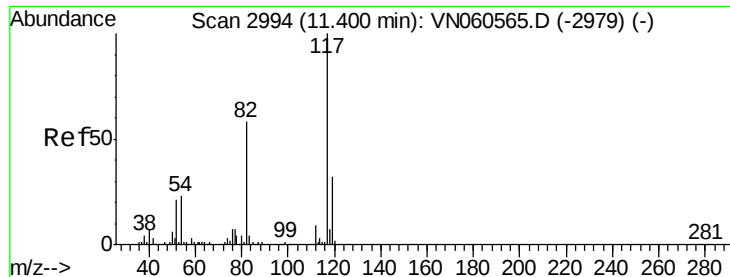
Ion Ratio Lower Upper

95 100

174 74.8 0.0 157.6

176 72.4 0.0 150.6

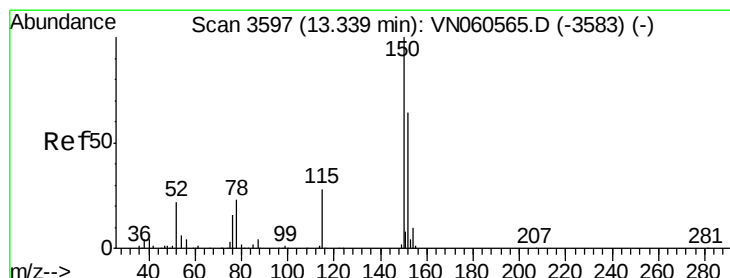
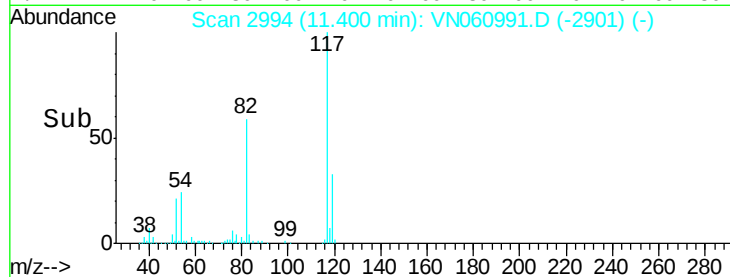
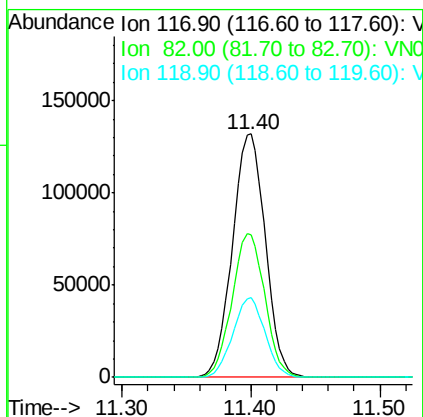
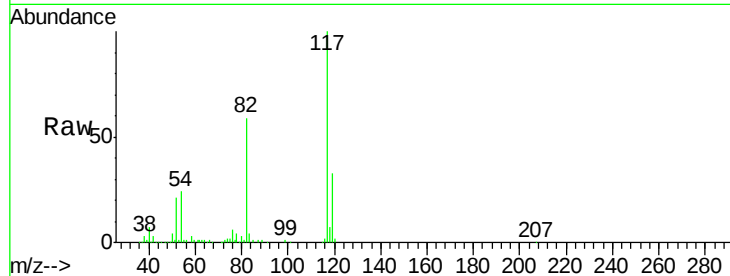




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060991.D
Acq: 16 Apr 2020 2:49

Instrument :
MSVOA_N
ClientSampleId :
WATER-RECLAMATION-PIT

Tot Ion:117 Resp: 234200
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 32.6 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: VN060991.D
Acq: 16 Apr 2020 2:49

Tgt Ion:152 Resp: 107698
Ion Ratio Lower Upper
152 100
115 61.2 30.2 90.6
150 157.6 0.0 350.2

