

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061169.D
 Acq On : 28 Apr 2020 17:36
 Operator : JC/MD
 Sample : L2420-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

Quant Time: Apr 29 08:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

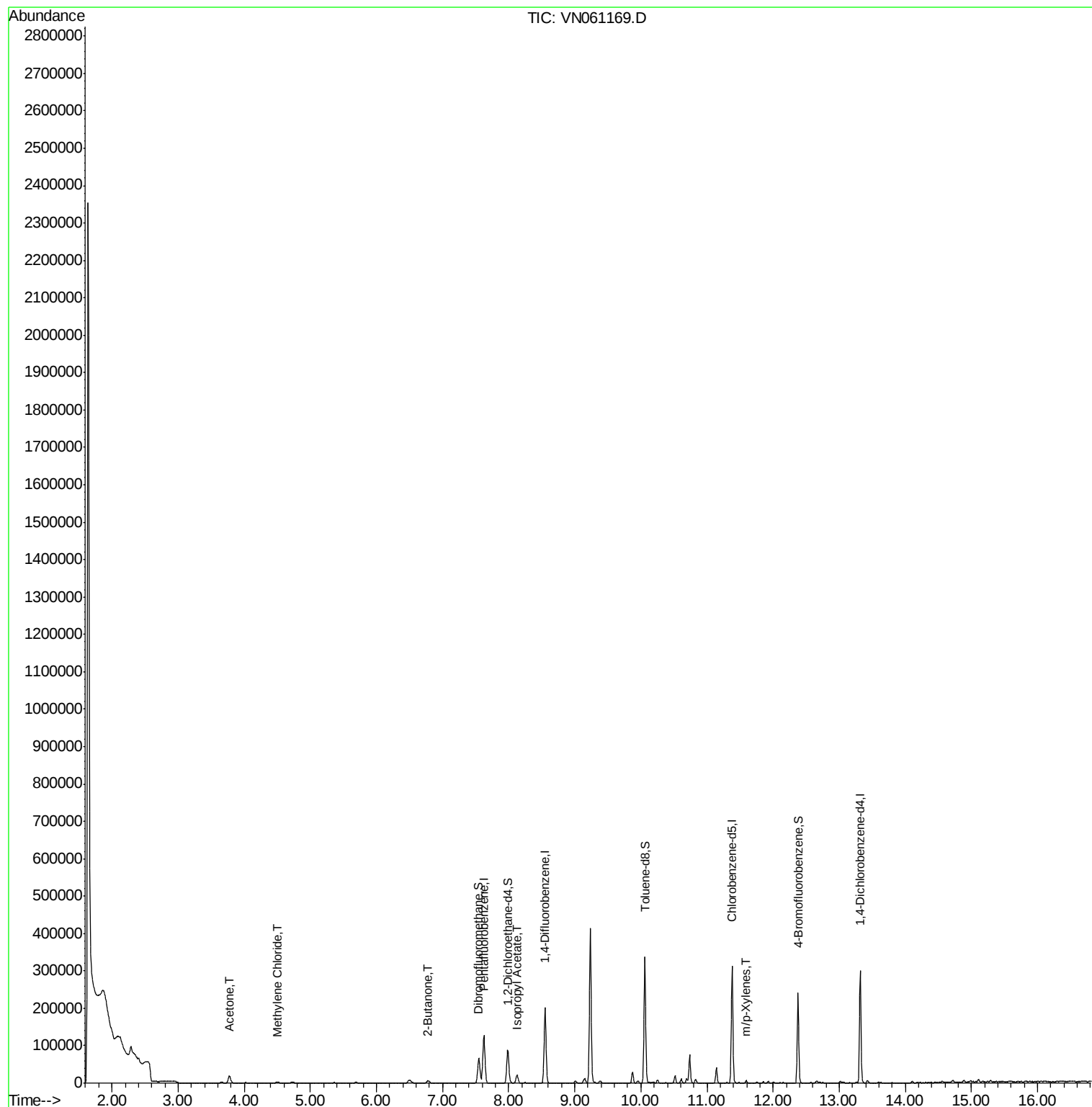
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	96332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	75710	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	7.55	113	49650	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.06	98	213537	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	79323	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
Target Compounds						
16) Acetone	3.77	43	31456	48.916	ug/l	96
20) Methylene Chloride	4.50	84	2174	1.829	ug/l	92
25) 2-Butanone	6.79	43	5224	5.792	ug/l	98
43) Isopropyl Acetate	8.13	43	27644	8.343	ug/l #	91
68) m/p-Xylenes	11.59	106	2286	1.020	ug/l	93

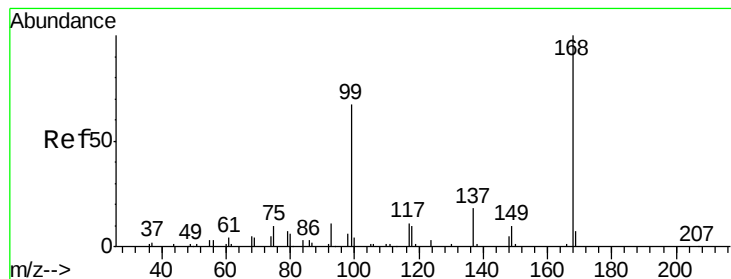
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

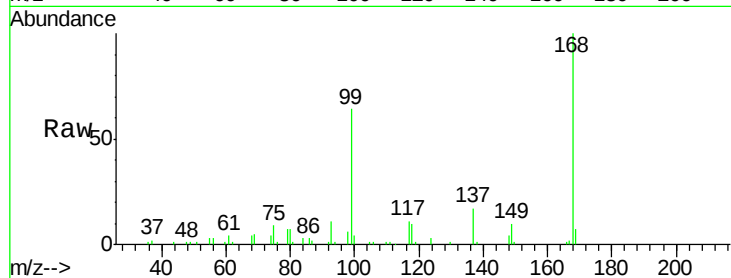
DRUMS-C-1-4

Tot Ion:168 Resp: 96332

Ion Ratio Lower Upper

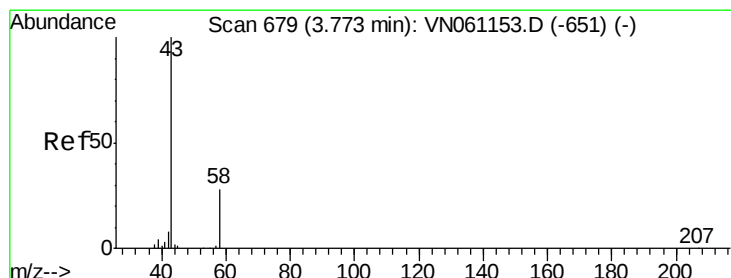
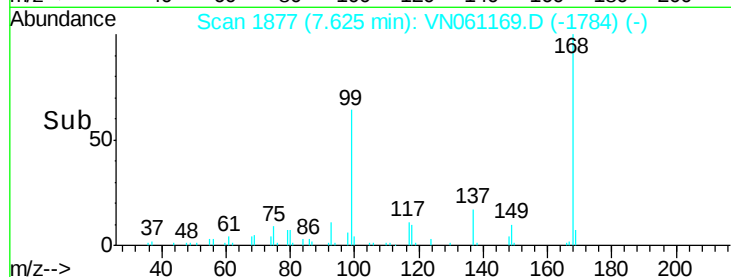
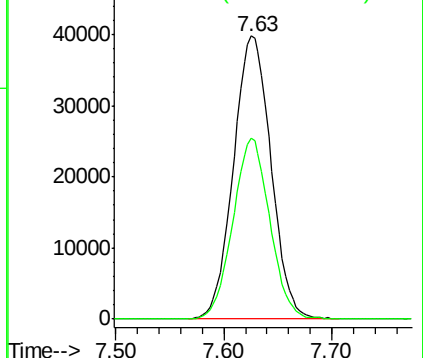
168 100

99 63.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 48.916 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061169.D

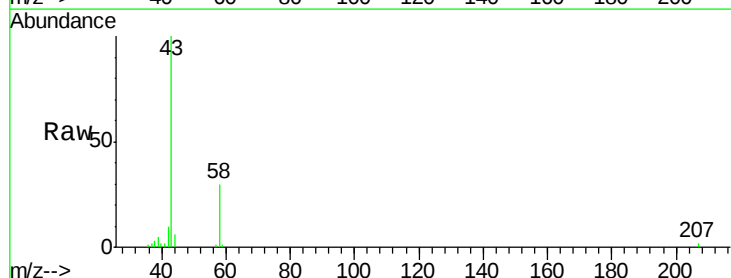
Acq: 28 Apr 2020 17:36

Tgt Ion: 43 Resp: 31456

Ion Ratio Lower Upper

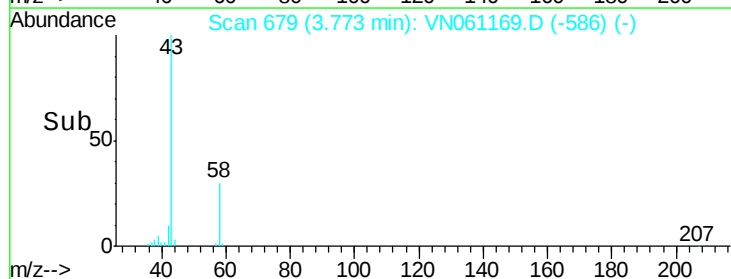
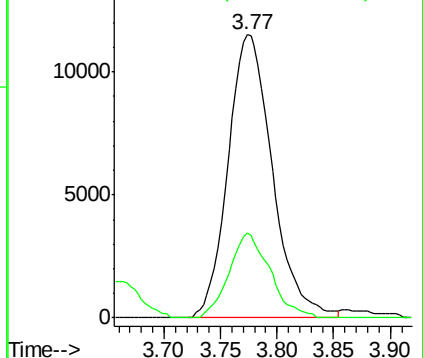
43 100

58 29.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



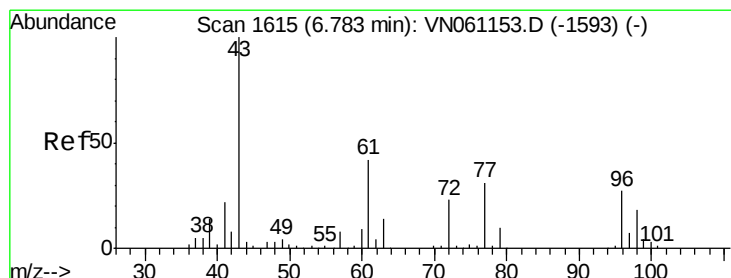
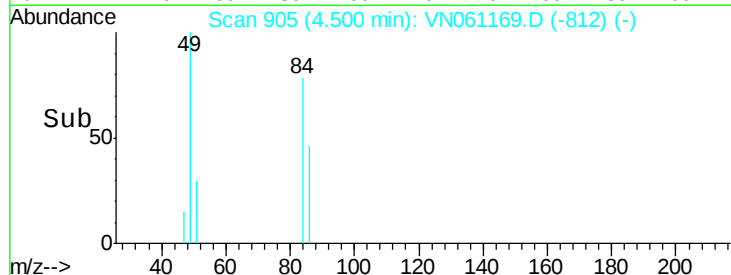
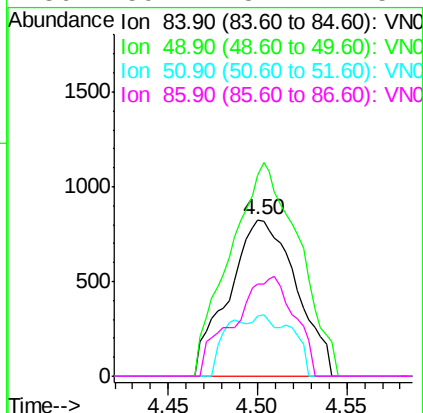
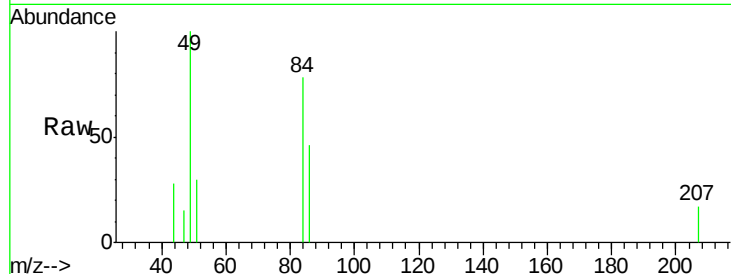


#20
Methvlene Chloride
Concen: 1.829 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :
DRUMS-C-1-4

Tot Ion: 84 Resp: 2174

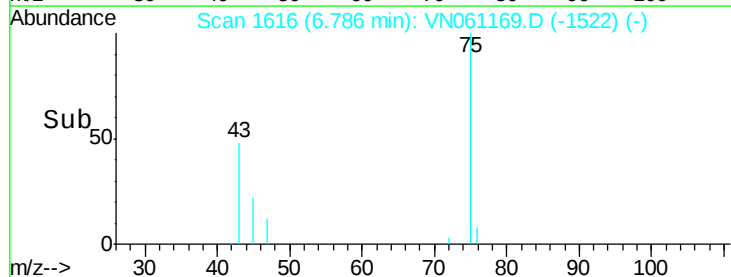
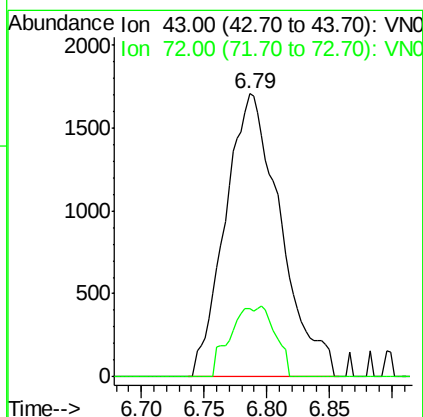
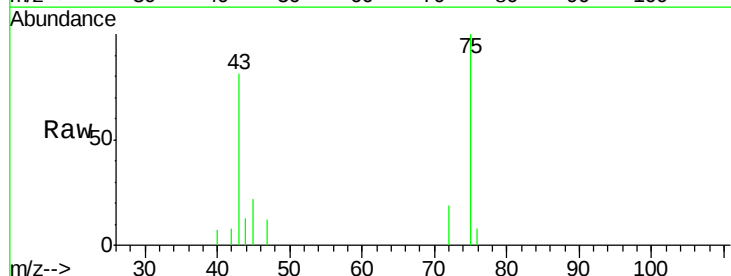
Ion	Ratio	Lower	Upper
84	100		
49	128.3	112.0	168.0
51	38.3	33.6	50.4
86	59.1	52.1	78.1

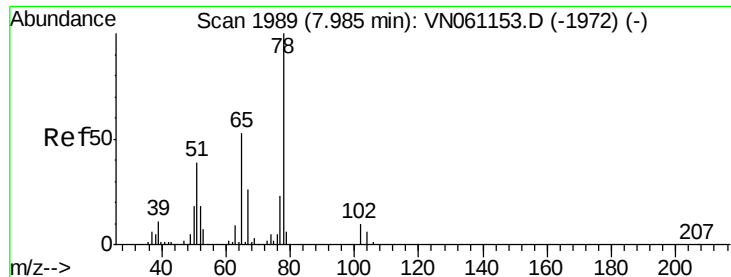


#25
2-Butanone
Concen: 5.792 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion: 43 Resp: 5224

Ion	Ratio	Lower	Upper
43	100		
72	24.0	18.2	27.4

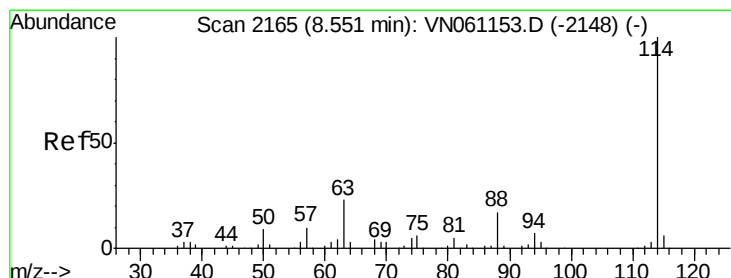
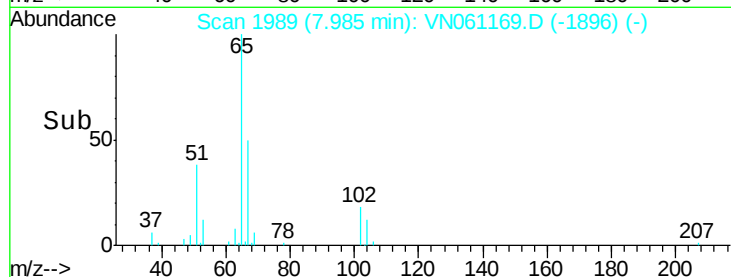
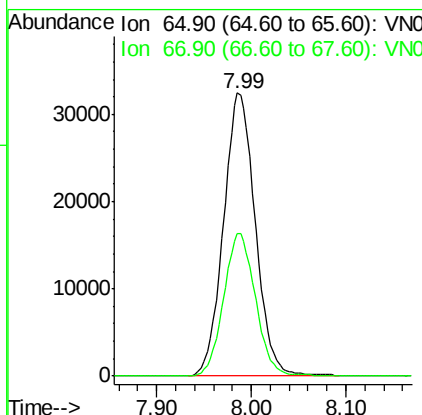
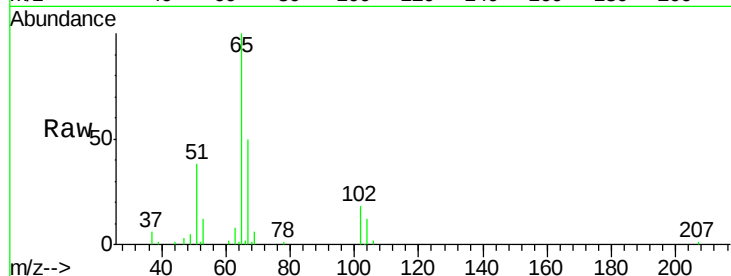




#33
 1,2-Dichloroethane-d4
 Concen: 49.670 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

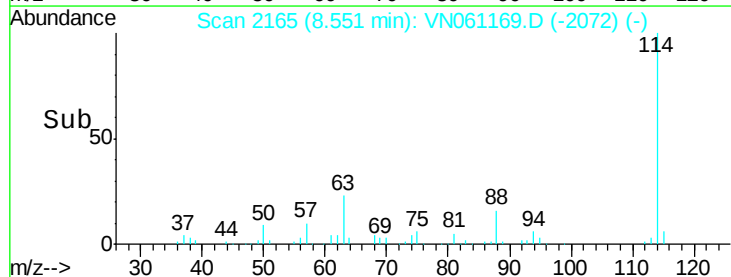
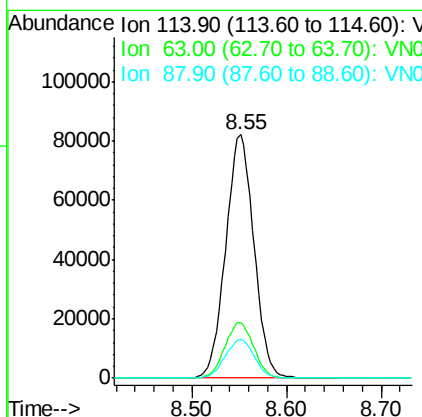
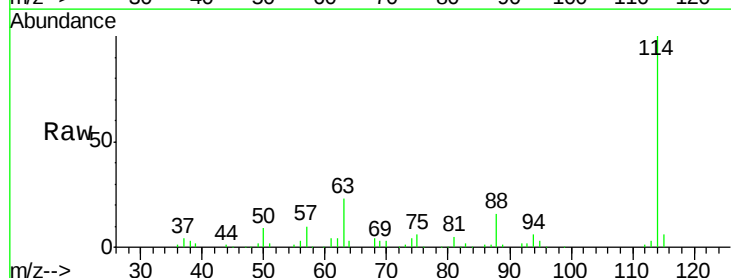
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUMS-C-1-4

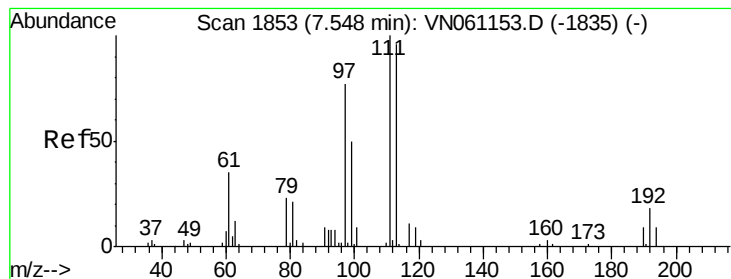
Tot Ion: 65 Resp: 75710
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061169.D
 Acq: 28 Apr 2020 17:36

Tgt Ion: 114 Resp: 170120
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.6
 88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.356 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

DRUMS-C-1-4

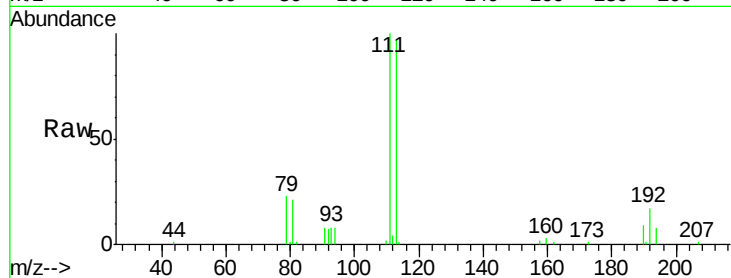
Tot Ion:113 Resp: 49650

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

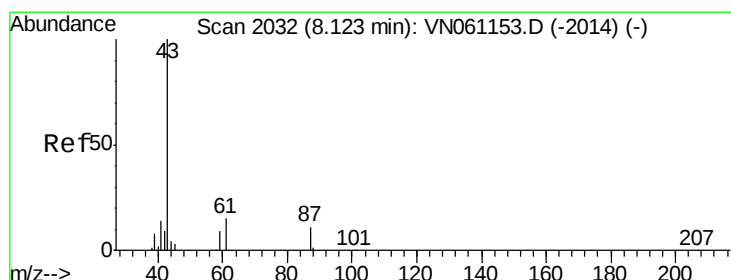
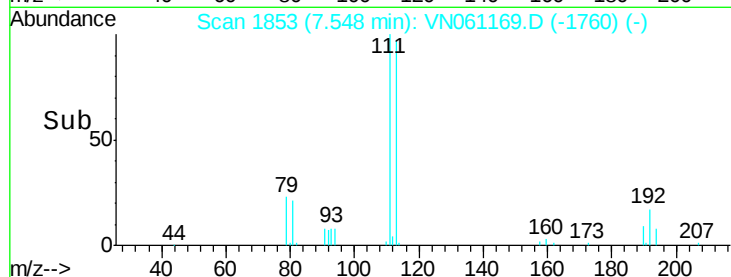
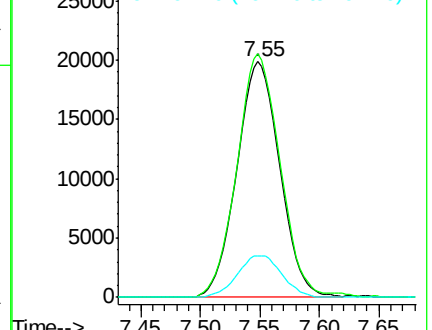
192 18.1 14.7 22.1



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: 8.343 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

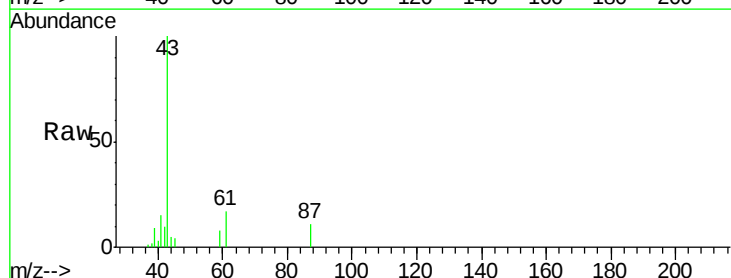
Tgt Ion: 43 Resp: 27644

Ion Ratio Lower Upper

43 100

61 17.9 19.5 29.3#

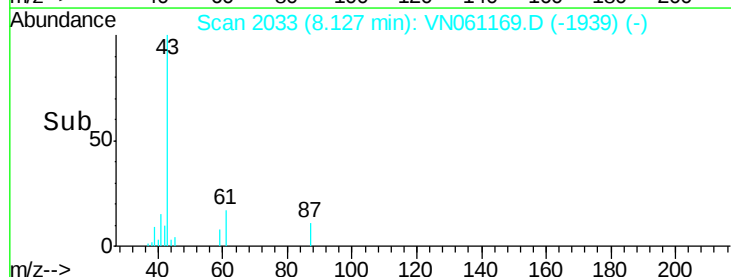
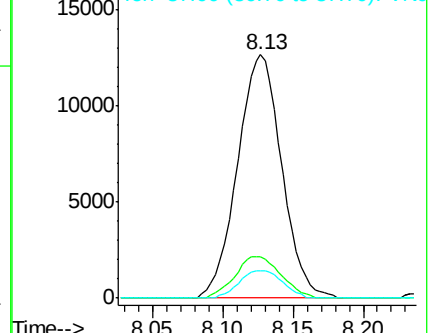
87 11.1 8.9 13.3

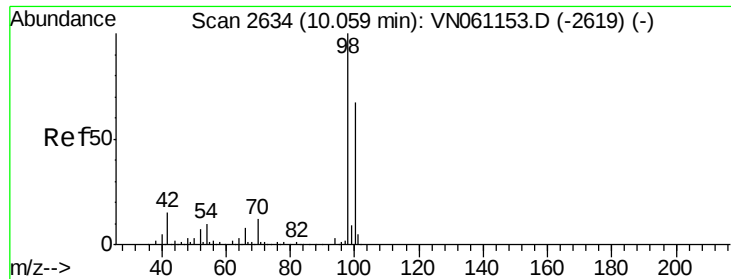


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 52.072 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampled :

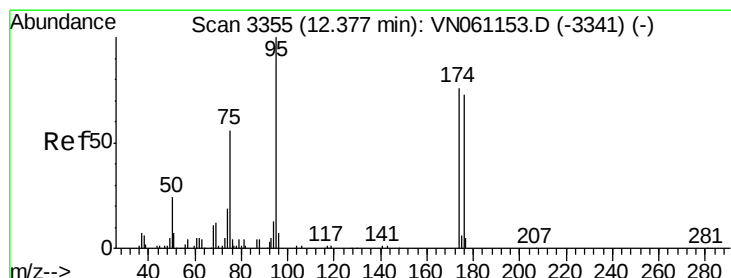
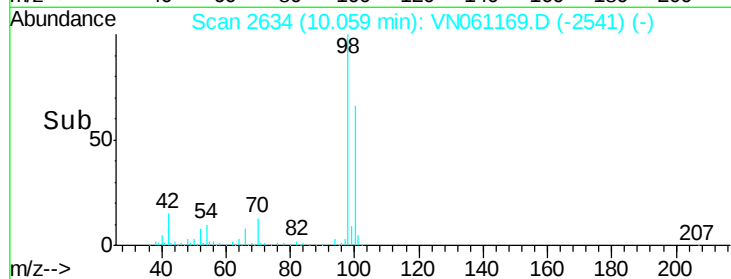
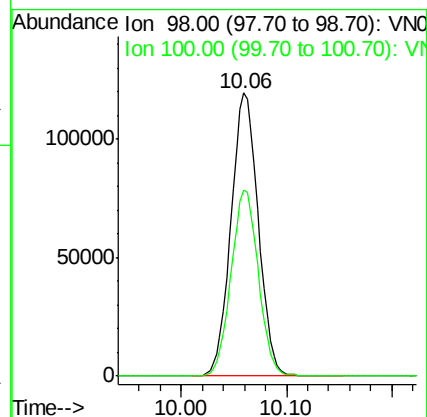
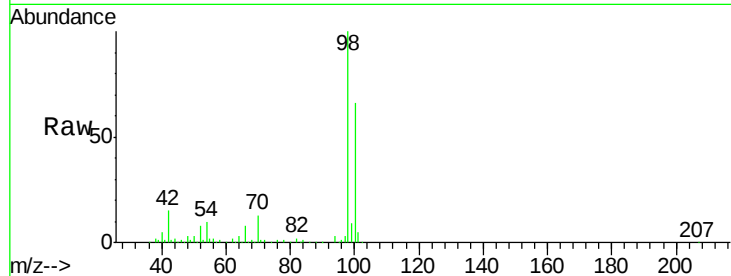
DRUMS-C-1-4

Tot Ion: 98 Resp: 213537

Ion Ratio Lower Upper

98 100

100 65.7 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 51.401 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

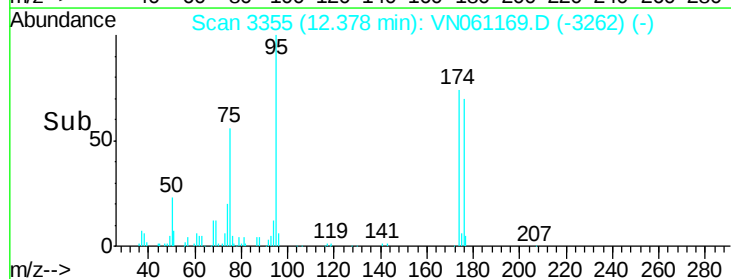
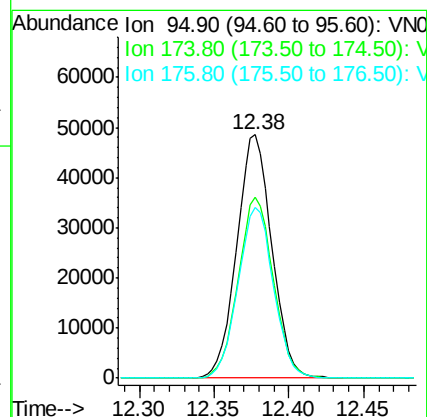
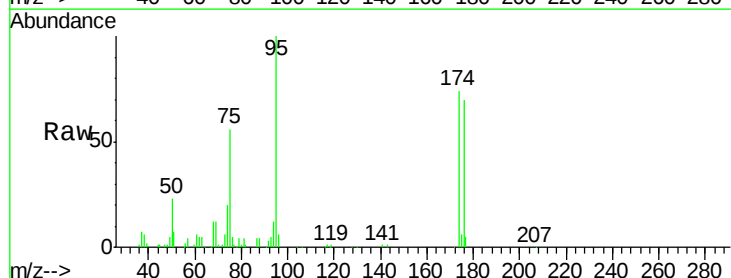
Tgt Ion: 95 Resp: 79323

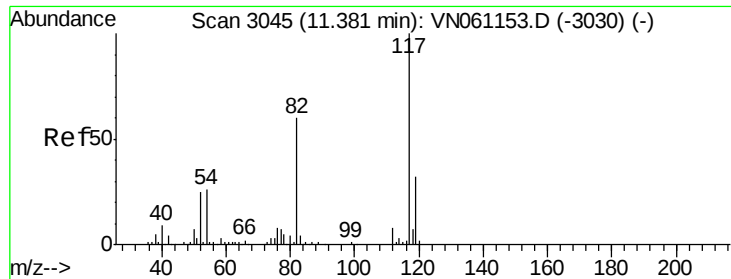
Ion Ratio Lower Upper

95 100

174 74.5 0.0 149.4

176 70.8 0.0 144.8

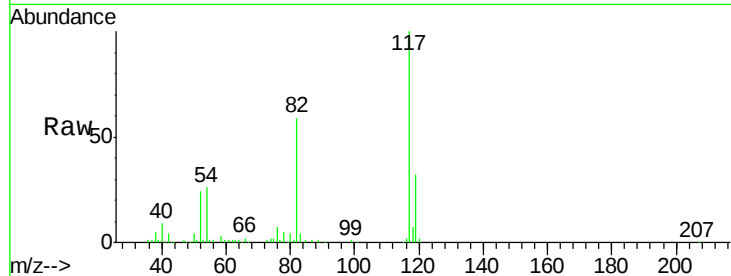




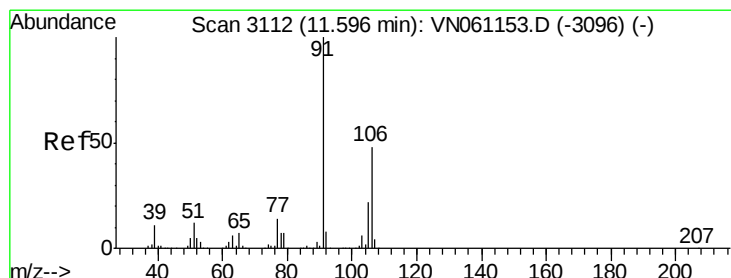
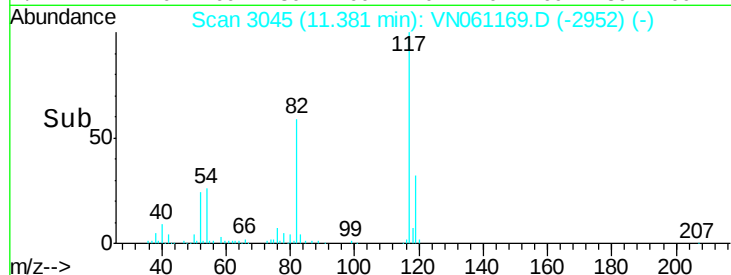
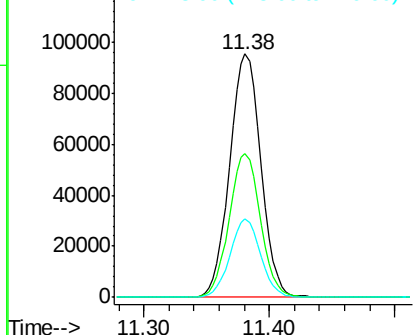
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :
DRUMS-C-1-4

Tot Ion:117 Resp: 164934
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 32.2 25.8 38.6

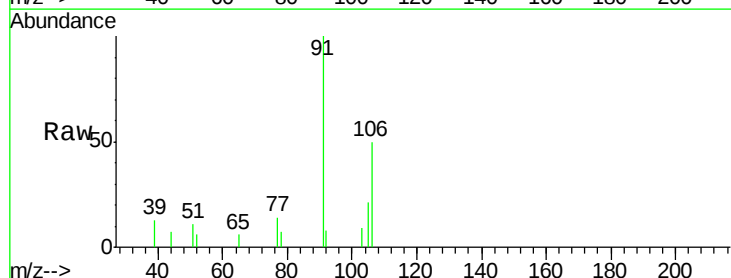


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

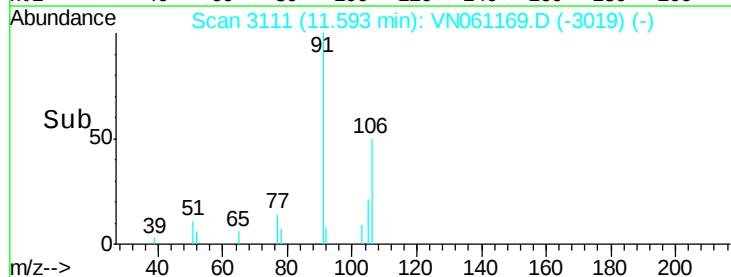
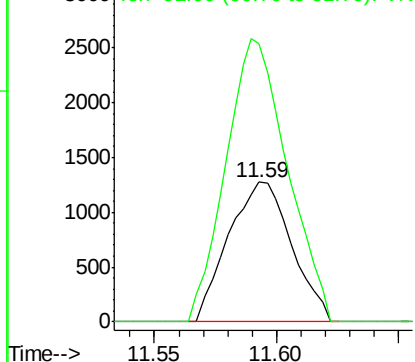


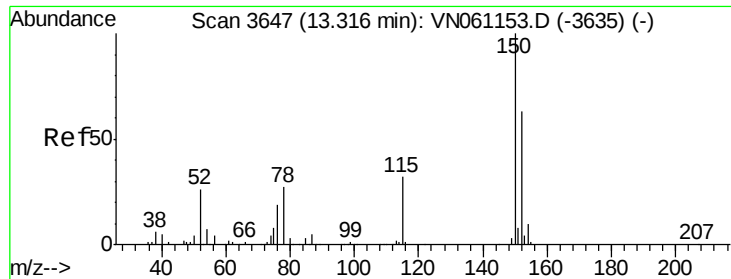
#68
m/p-Xylenes
Concen: 1.020 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061169.D
Acq: 28 Apr 2020 17:36

Tgt Ion:106 Resp: 2286
Ion Ratio Lower Upper
106 100
91 197.0 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061169.D

Acq: 28 Apr 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

DRUMS-C-1-4

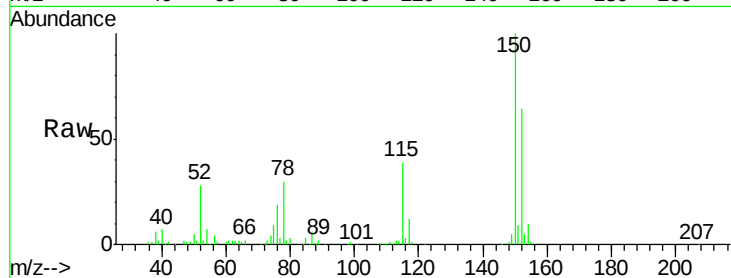
Tot Ion:152 Resp: 73751

Ion Ratio Lower Upper

152 100

115 62.4 31.0 93.0

150 158.4 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

