

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060987.D
 Acq On : 16 Apr 2020 1:19
 Operator : JC/MD
 Sample : L2259-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 16 08:32:45 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	145173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	245324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	231674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	97154	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	7.56	113	73485	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	10.08	98	309044	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.39	95	115904	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	

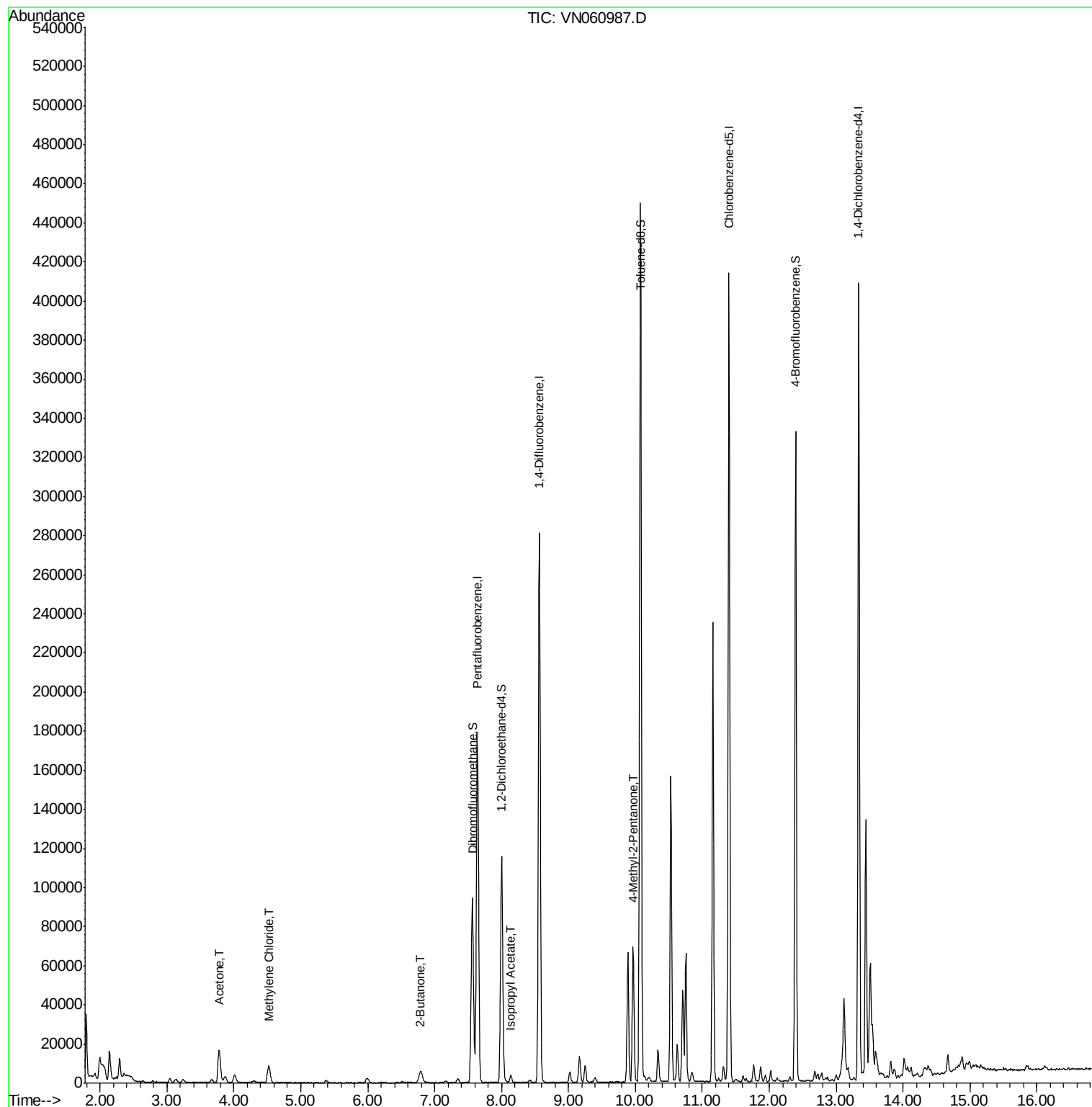
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	30171	42.740	ug/l	97
20) Methylene Chloride	4.52	84	6786	3.908	ug/l	94
25) 2-Butanone	6.80	43	11051	9.674	ug/l	92
43) Isopropyl Acetate	8.14	43	4829	1.141	ug/l #	84
51) 4-Methyl-2-Pentanone	9.97	43	48819	20.267	ug/l	97

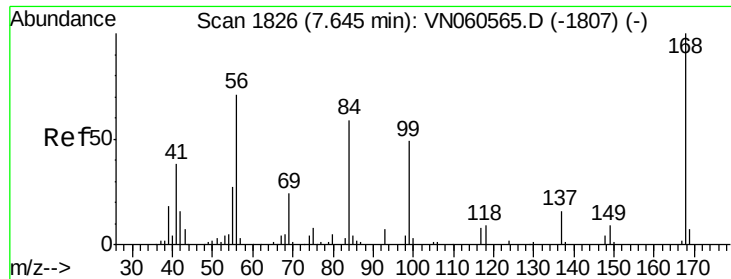
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060987.D

Acq: 16 Apr 2020 1:19

Instrument :

MSVOA_N

ClientSampleId :

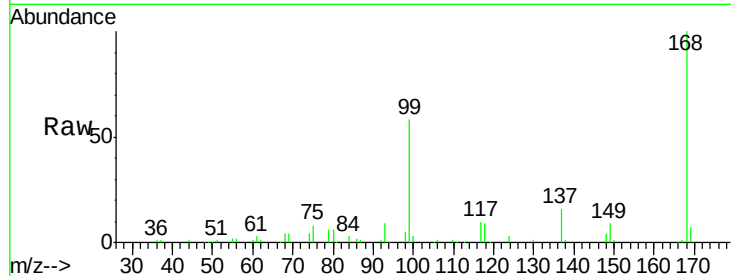
BUS-WASH

Tot Ion:168 Resp: 145173

Ion Ratio Lower Upper

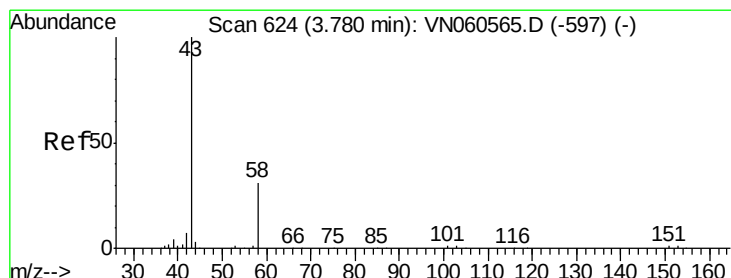
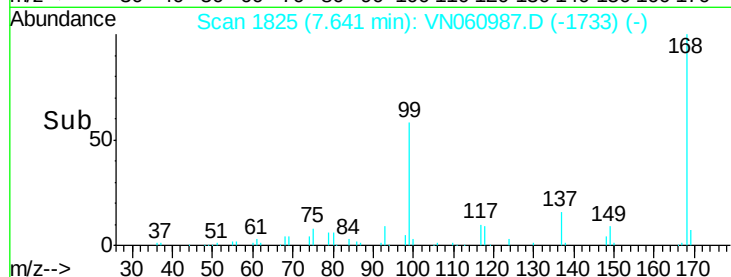
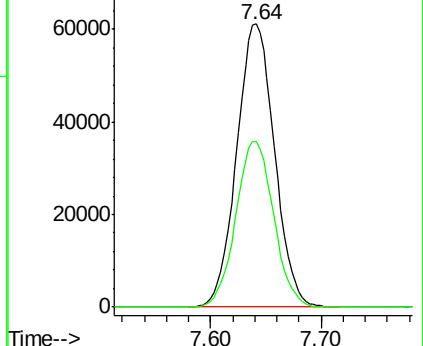
168 100

99 58.4 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: 42.740 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060987.D

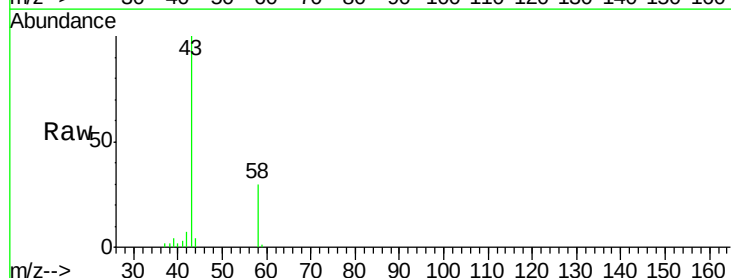
Acq: 16 Apr 2020 1:19

Tgt Ion: 43 Resp: 30171

Ion Ratio Lower Upper

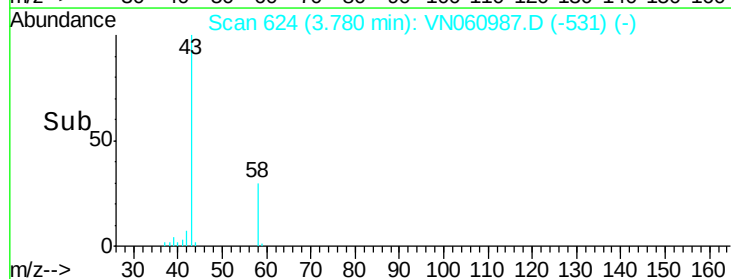
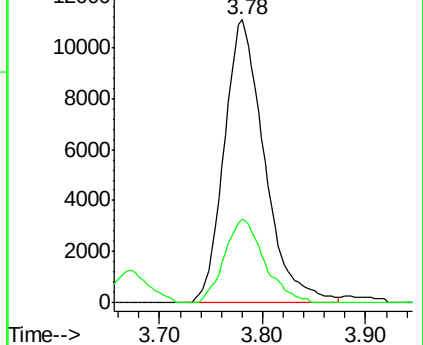
43 100

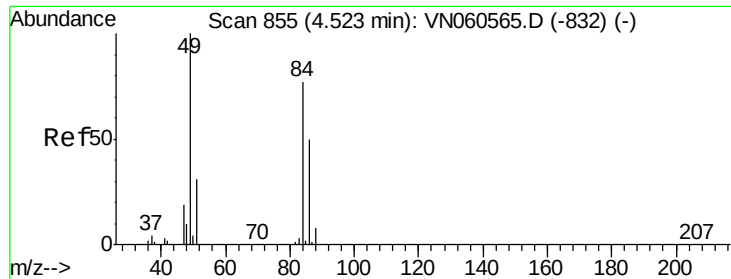
58 29.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

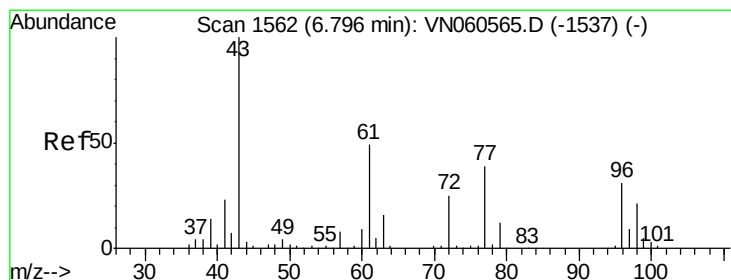
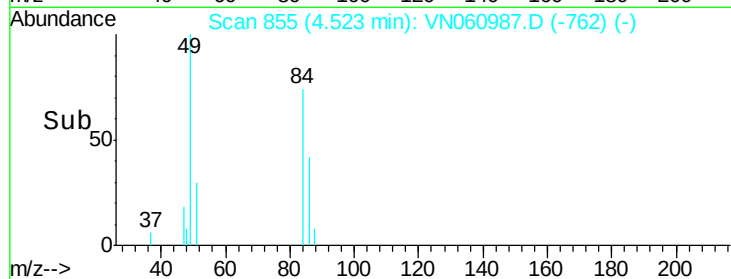
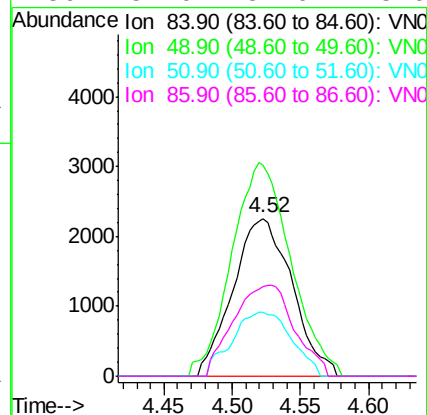
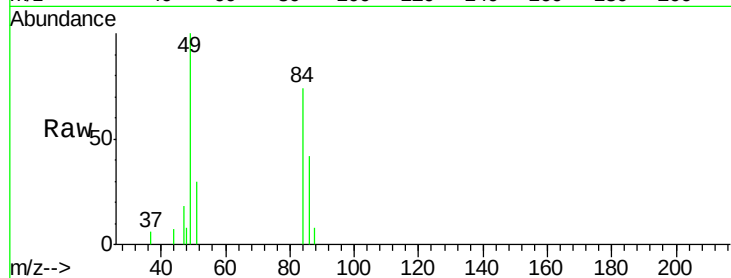




#20
Methvlene Chloride
Concen: 3.908 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060987.D
Acq: 16 Apr 2020 1:19

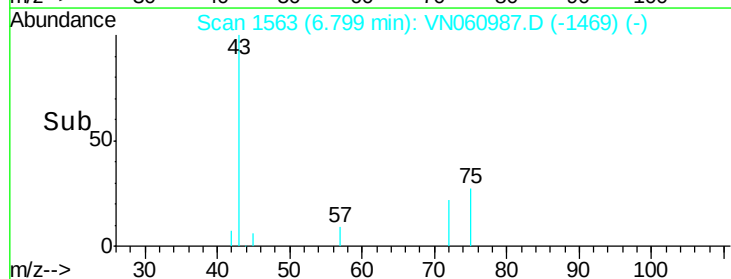
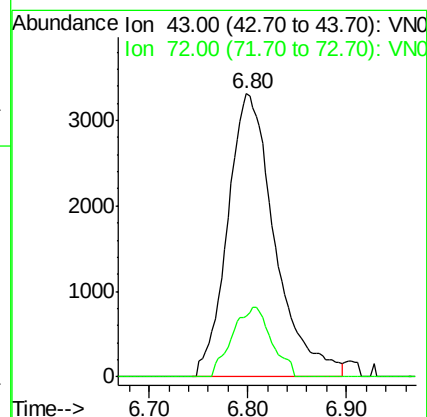
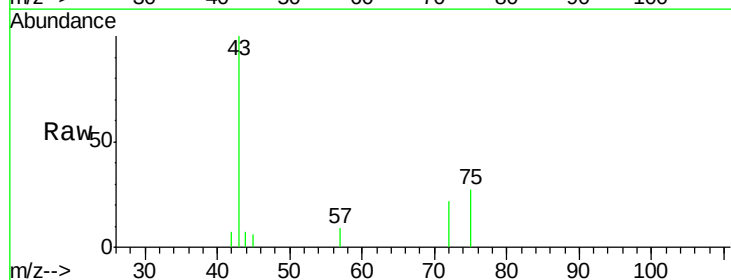
Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH

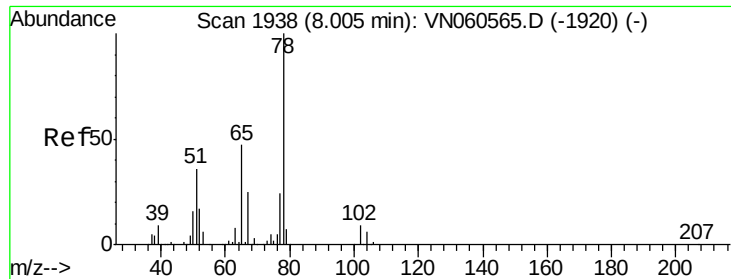
Tot Ion:	84	Resp:	6786
Ion	Ratio	Lower	Upper
84	100		
49	134.3	103.3	154.9
51	40.7	31.6	47.4
86	57.0	52.0	78.0



#25
2-Butanone
Concen: 9.674 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060987.D
Acq: 16 Apr 2020 1:19

Tgt Ion:	43	Resp:	11051
Ion	Ratio	Lower	Upper
43	100		
72	21.6	20.4	30.6

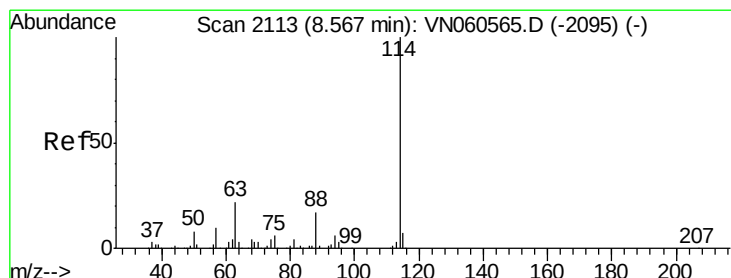
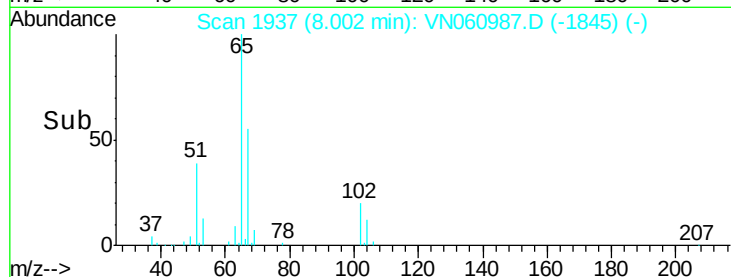
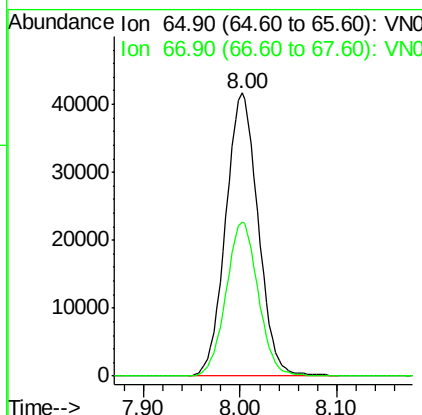
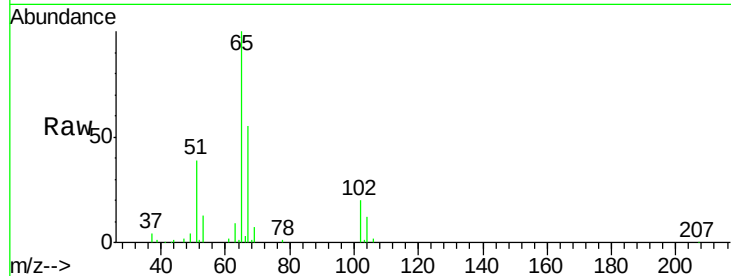




#33
 1,2-Dichloroethane-d4
 Concen: 48.750 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060987.D
 Acq: 16 Apr 2020 1:19

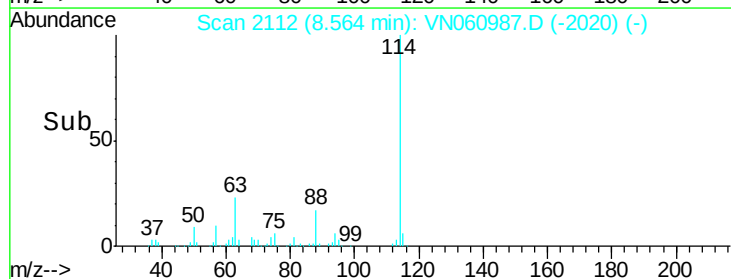
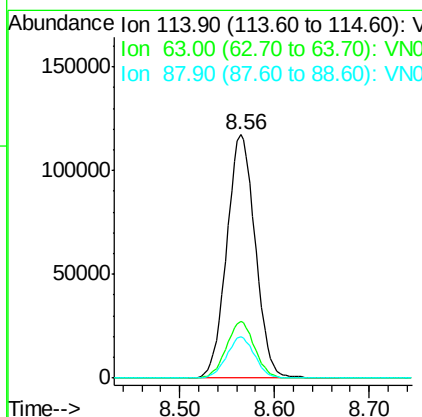
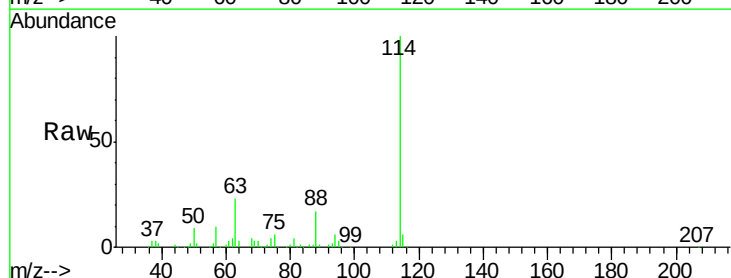
Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

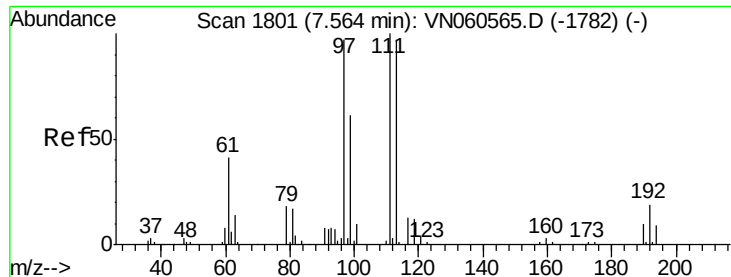
Tot Ion: 65 Resp: 97154
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060987.D
 Acq: 16 Apr 2020 1:19

Tgt Ion: 114 Resp: 245324
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.8
 88 16.7 0.0 33.0

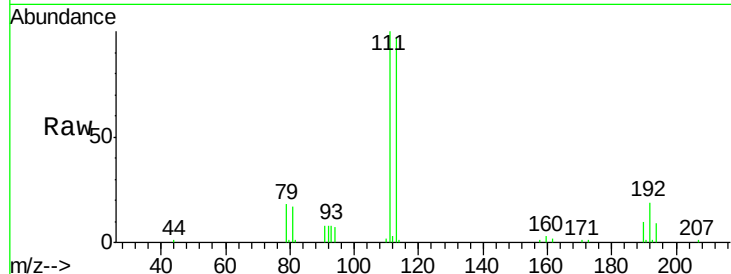




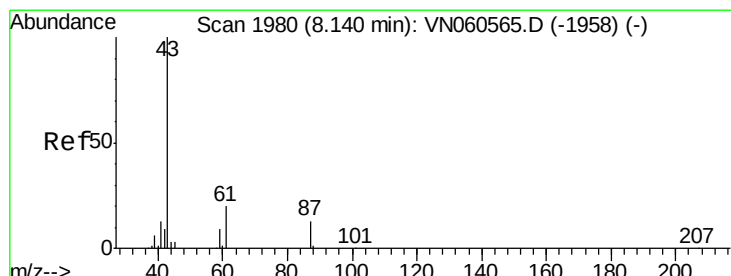
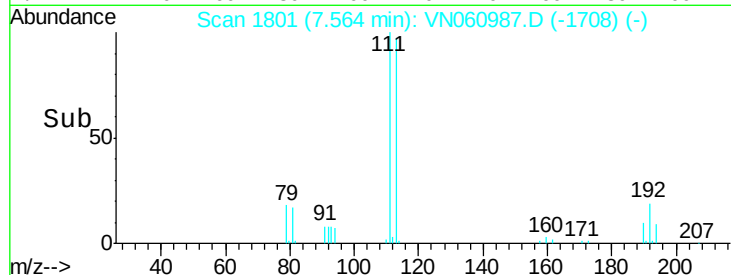
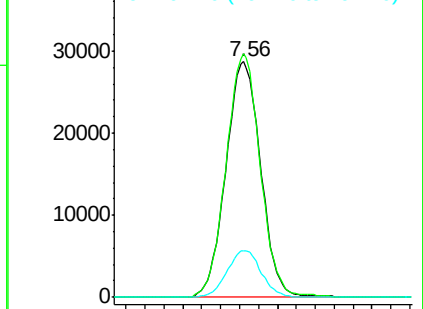
#35
 Dibromofluoromethane
 Concen: 49.538 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060987.D
 Acq: 16 Apr 2020 1:19

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Tot Ion:113 Resp: 73485
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 19.4 15.8 23.8

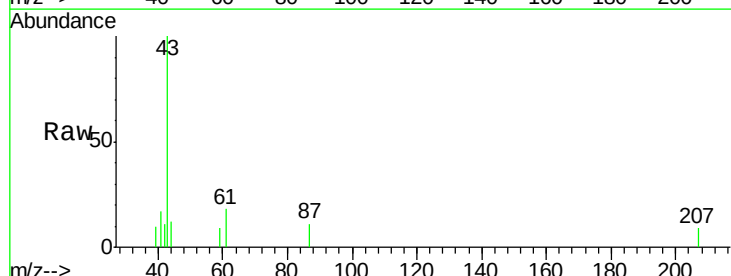


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

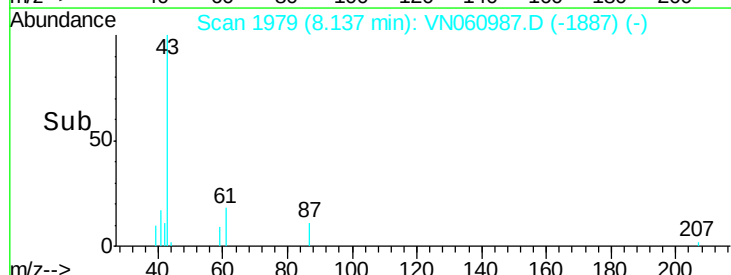
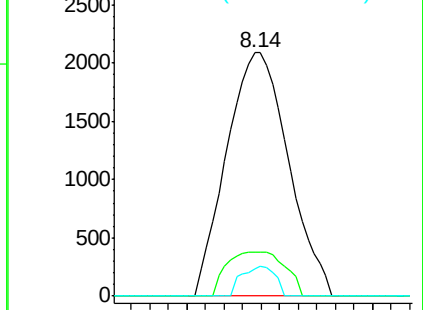


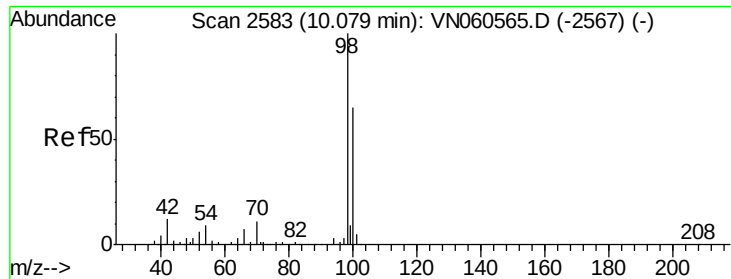
#43
 Isopropyl Acetate
 Concen: 1.141 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060987.D
 Acq: 16 Apr 2020 1:19

Tgt Ion: 43 Resp: 4829
 Ion Ratio Lower Upper
 43 100
 61 17.1 20.7 31.1#
 87 6.6 9.8 14.8#



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

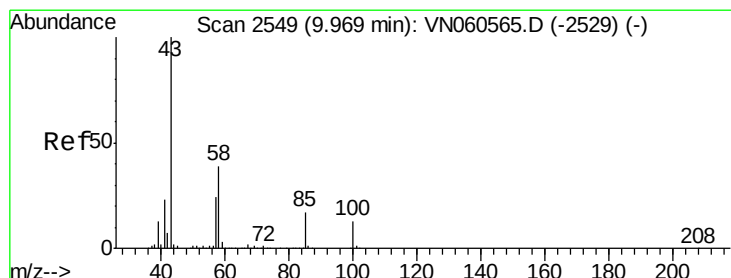
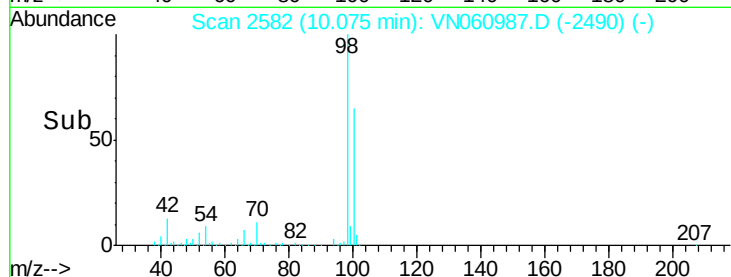
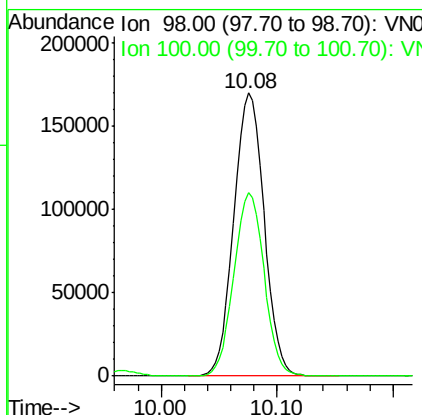
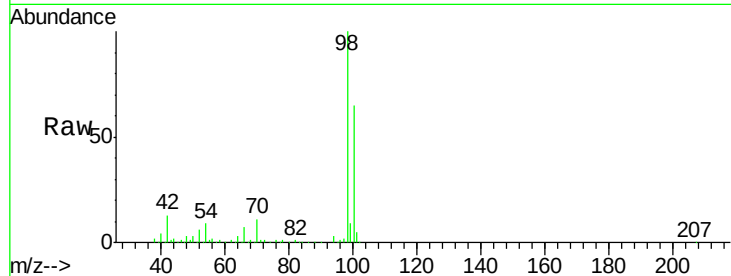




#50
Toluene-d8
Concen: 51.005 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060987.D
Acq: 16 Apr 2020 1:19

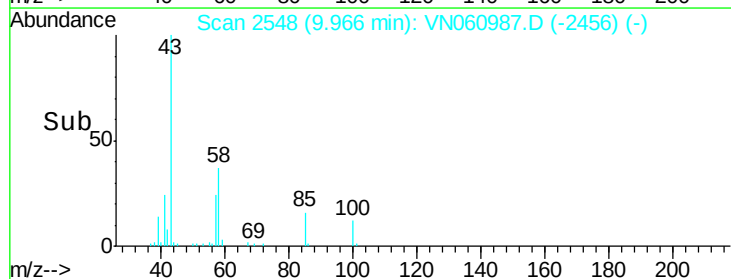
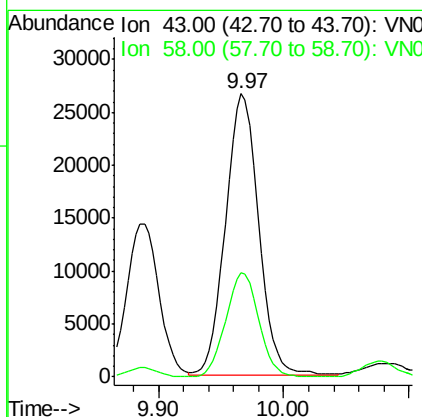
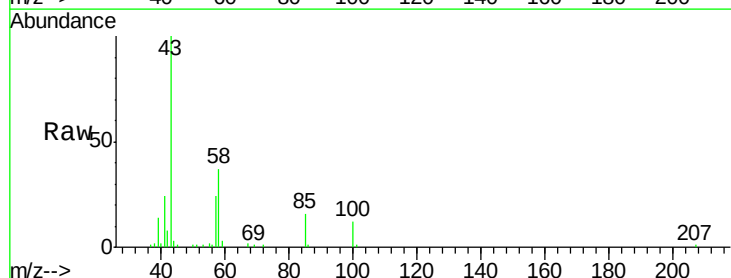
Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH

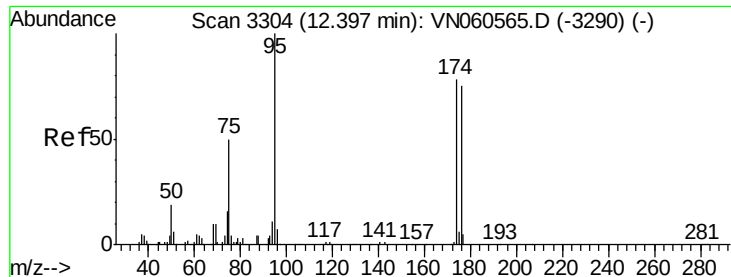
Tot Ion: 98 Resp: 309044
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 20.267 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060987.D
Acq: 16 Apr 2020 1:19

Tgt Ion: 43 Resp: 48819
Ion Ratio Lower Upper
43 100
58 36.7 30.8 46.2





#62

4-Bromofluorobenzene

Concen: 52.196 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060987.D

Acq: 16 Apr 2020 1:19

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH

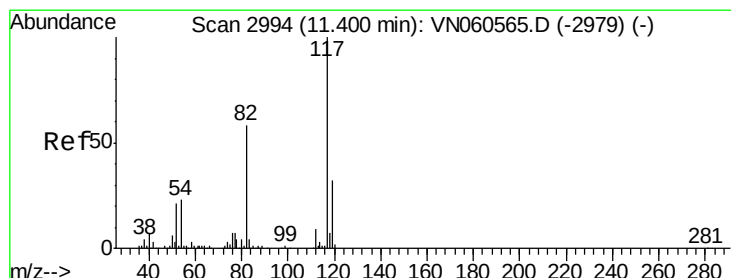
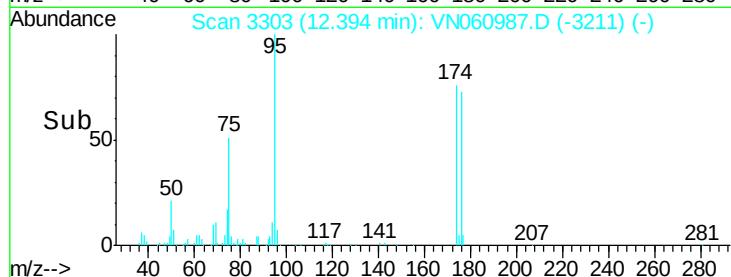
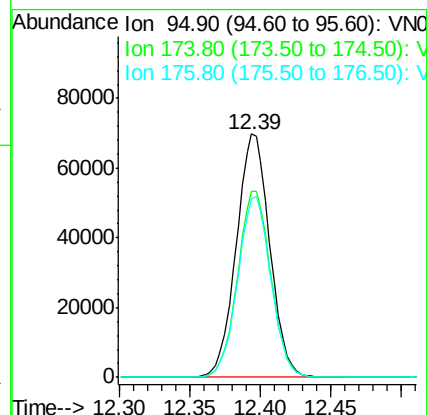
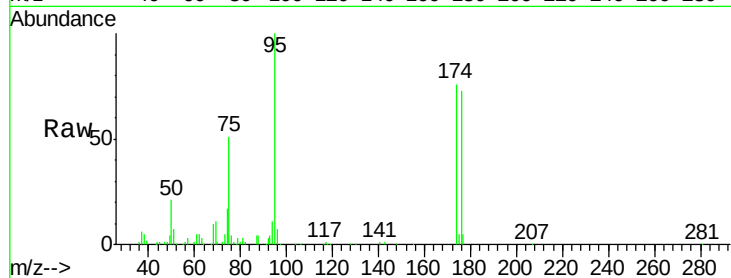
Tot Ion: 95 Resp: 115904

Ion Ratio Lower Upper

95 100

174 76.1 0.0 157.6

176 73.7 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: VN060987.D

Acq: 16 Apr 2020 1:19

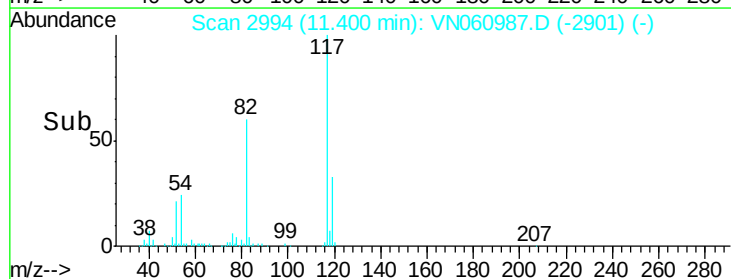
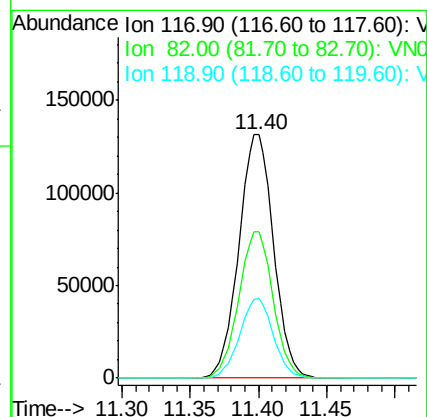
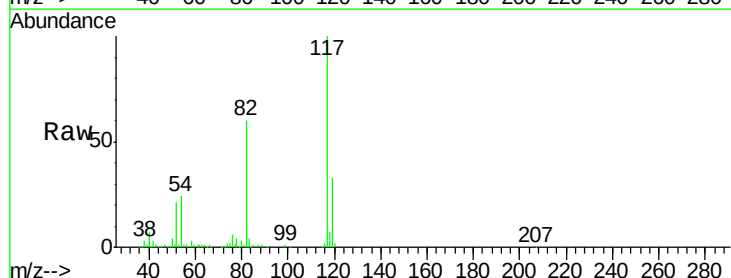
Tgt Ion: 117 Resp: 231674

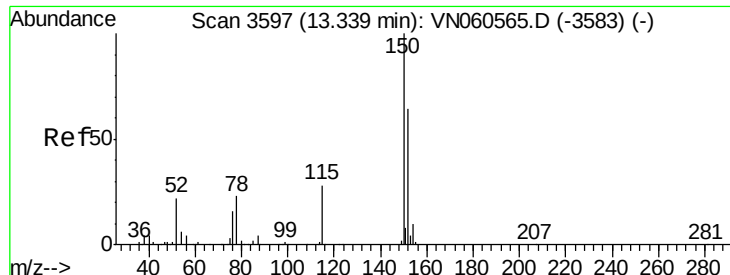
Ion Ratio Lower Upper

117 100

82 59.9 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: VN060987.D

Acq: 16 Apr 2020 1:19

Instrument :

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BUS-WASH

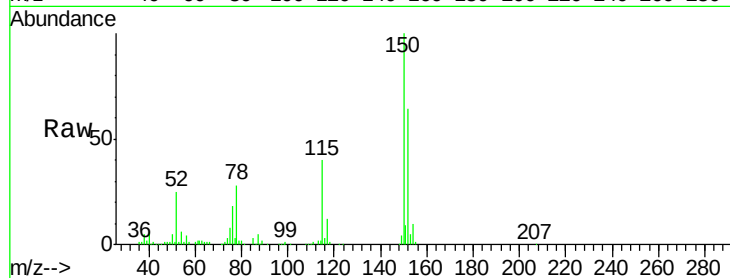
Tot Ion:152 Resp: 106972

Ion Ratio Lower Upper

152 100

115 61.9 30.2 90.6

150 156.3 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

