

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060990.D
 Acq On : 16 Apr 2020 2:27
 Operator : JC/MD
 Sample : L2278-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 16 08:41:58 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

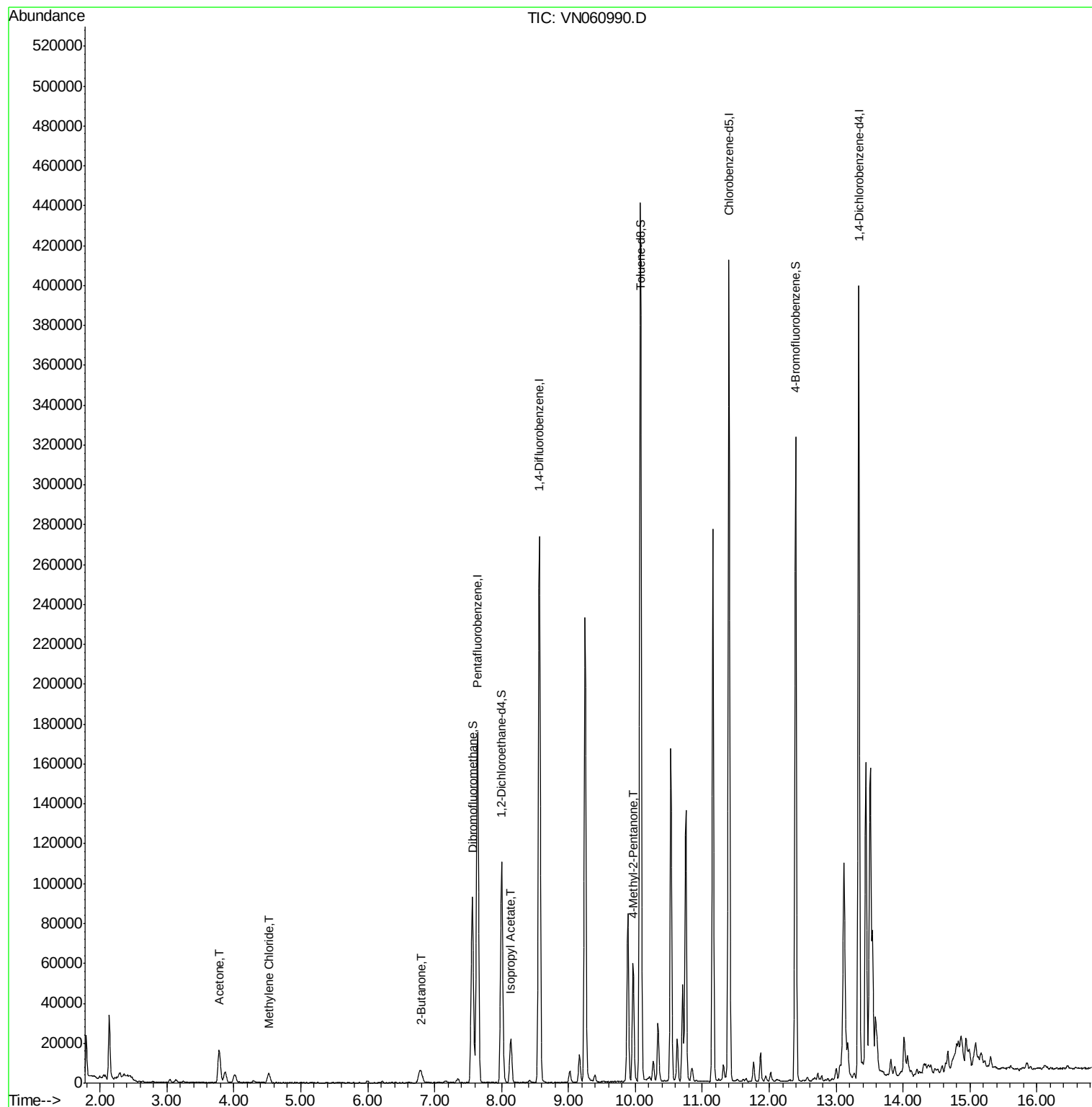
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	142661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	240589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	226868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	94392	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	7.56	113	71457	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.08	98	302644	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.39	95	113377	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
Target Compounds						
16) Acetone	3.78	43	30282	43.652	ug/l	95
20) Methylene Chloride	4.52	84	3755	2.200	ug/l	97
25) 2-Butanone	6.80	43	9118	8.123	ug/l	98
43) Isopropyl Acetate	8.14	43	27428	6.607	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	43162	18.271	ug/l	96

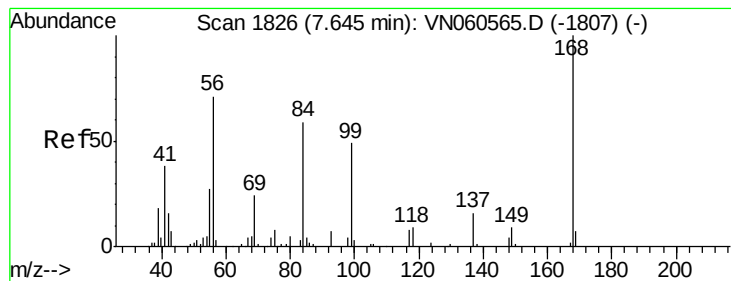
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060990.D

Acq: 16 Apr 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

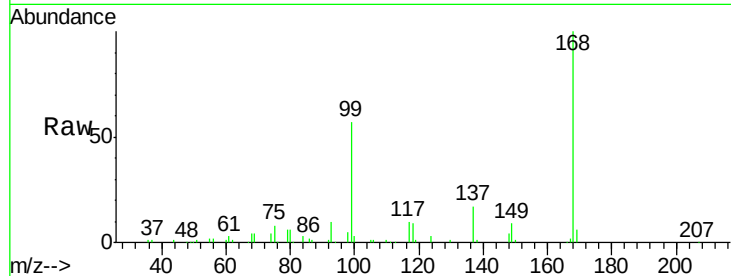
BUS-WASH

Tot Ion:168 Resp: 142661

Ion Ratio Lower Upper

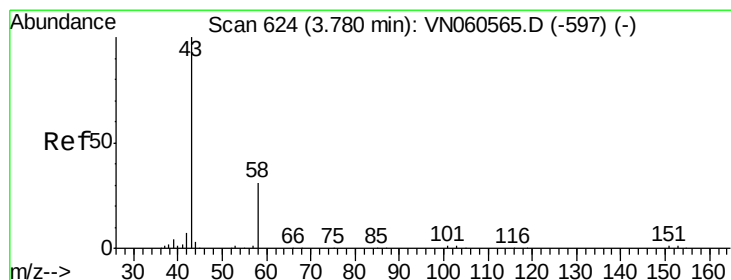
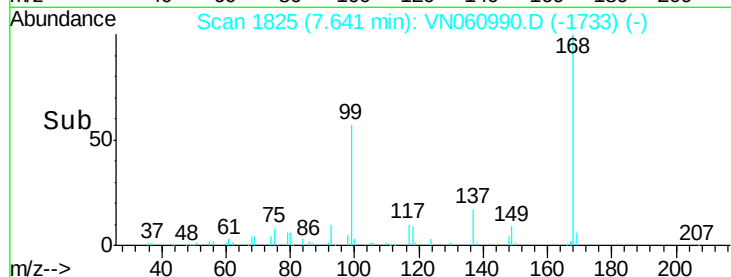
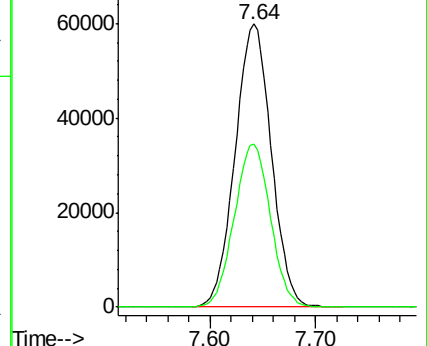
168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 43.652 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060990.D

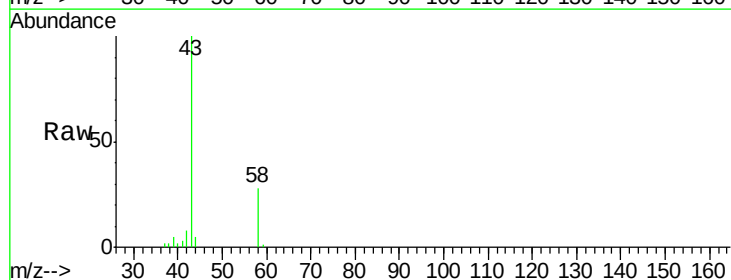
Acq: 16 Apr 2020 2:27

Tgt Ion: 43 Resp: 30282

Ion Ratio Lower Upper

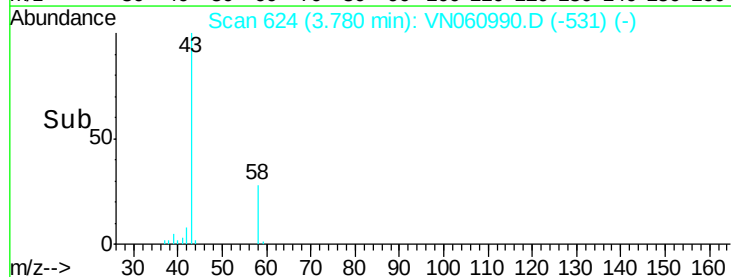
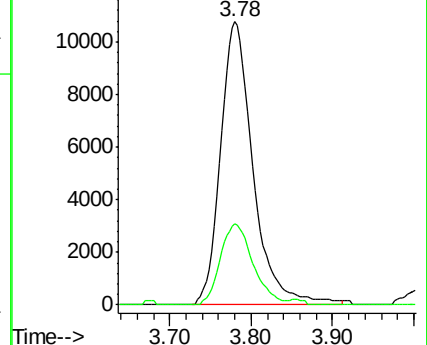
43 100

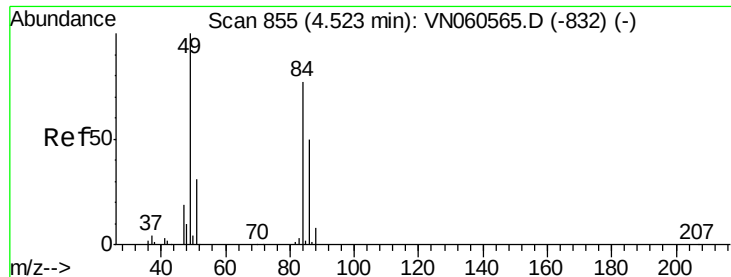
58 28.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

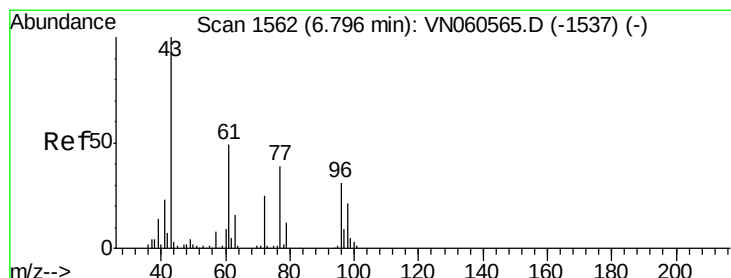
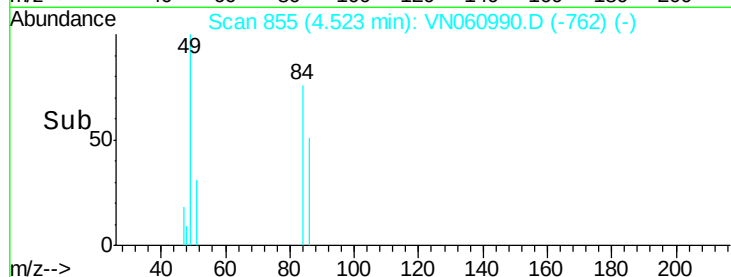
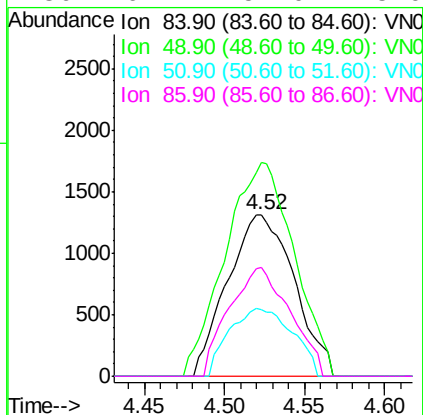
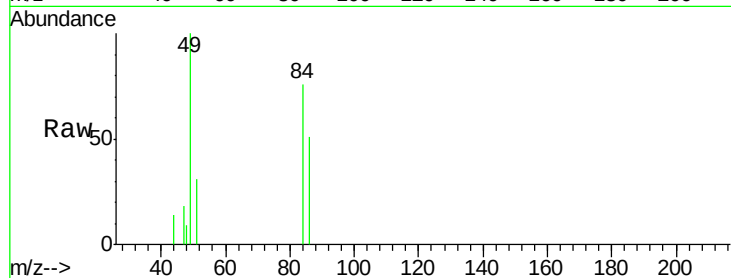




#20
Methvlene Chloride
Concen: 2.200 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060990.D
Acq: 16 Apr 2020 2:27

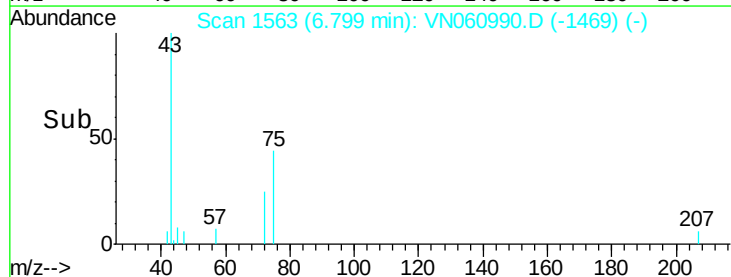
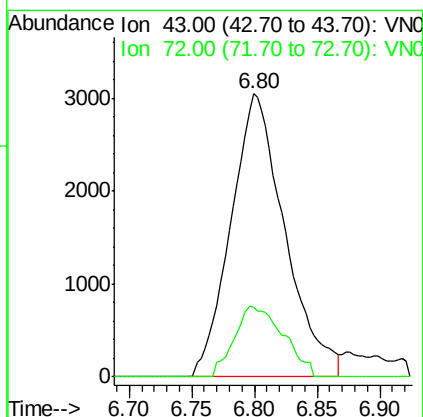
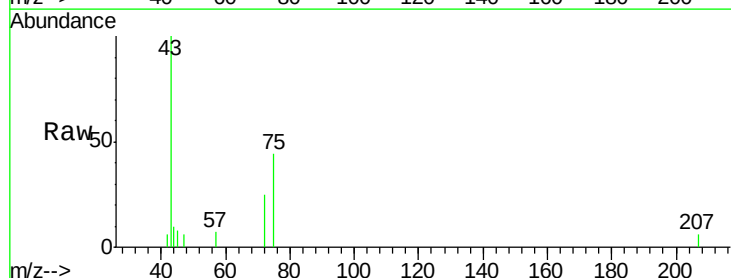
Instrument :
MSVOA_N
ClientSampled :
BUS-WASH

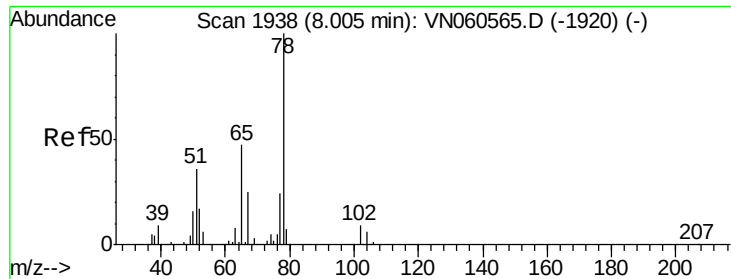
Tot Ion:	84	Resp:	3755
Ion	Ratio	Lower	Upper
84	100		
49	132.0	103.3	154.9
51	40.8	31.6	47.4
86	67.2	52.0	78.0



#25
2-Butanone
Concen: 8.123 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060990.D
Acq: 16 Apr 2020 2:27

Tgt Ion:	43	Resp:	9118
Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.4	30.6

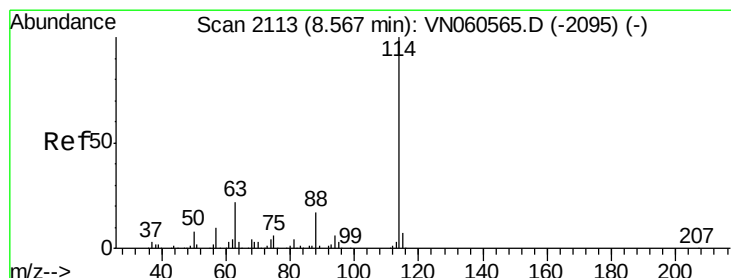
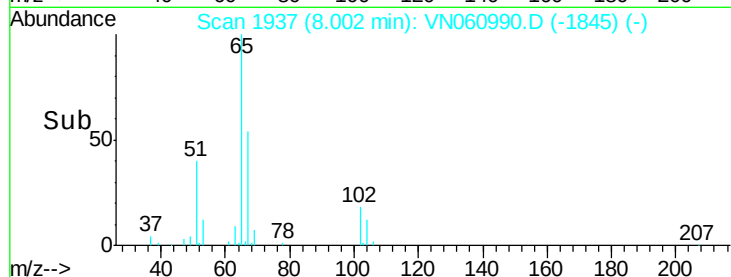
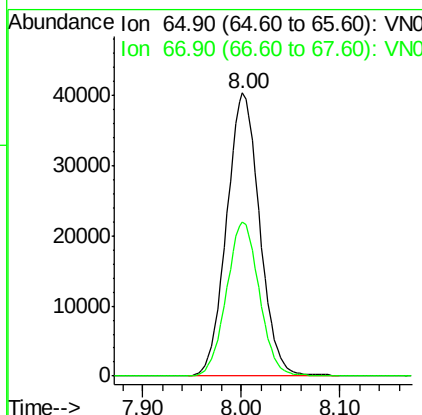
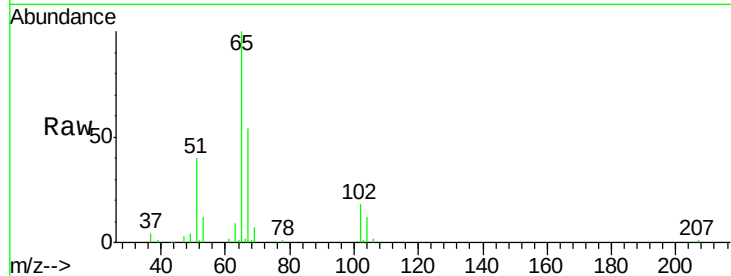




#33
 1,2-Dichloroethane-d4
 Concen: 48.198 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060990.D
 Acq: 16 Apr 2020 2:27

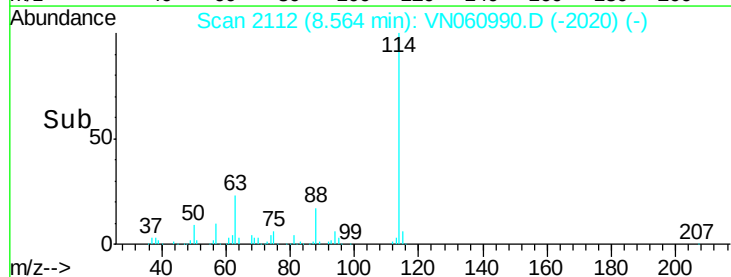
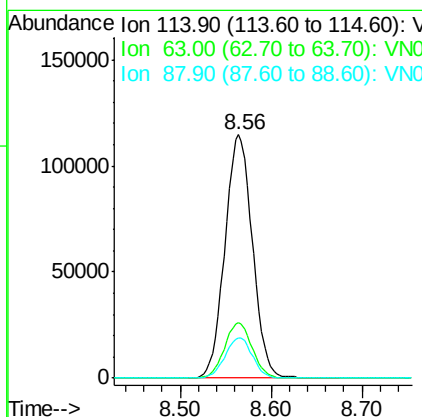
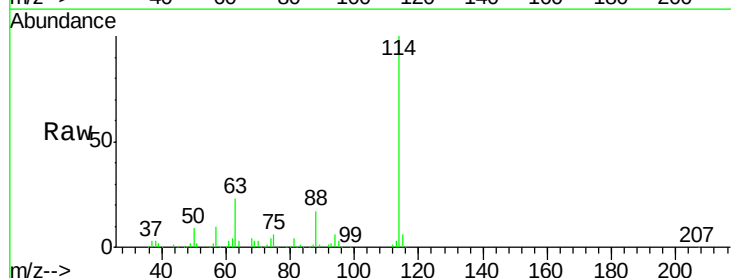
Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

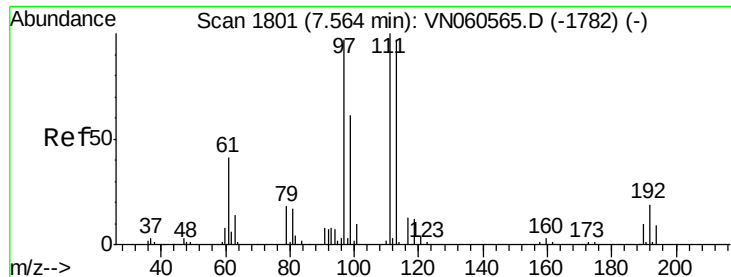
Tot Ion: 65 Resp: 94392
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060990.D
 Acq: 16 Apr 2020 2:27

Tgt Ion: 114 Resp: 240589
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.8
 88 16.6 0.0 33.0

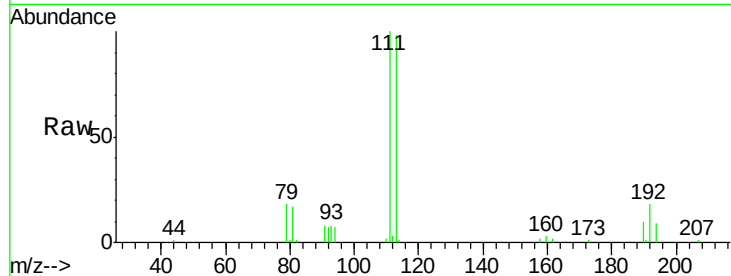




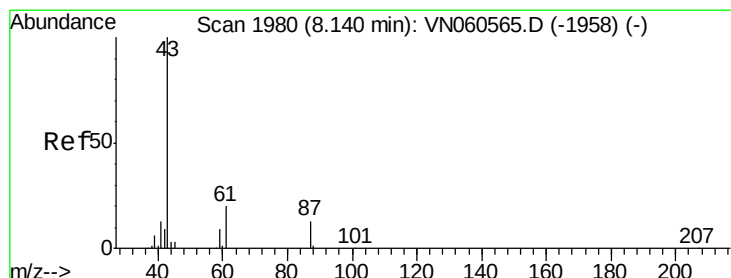
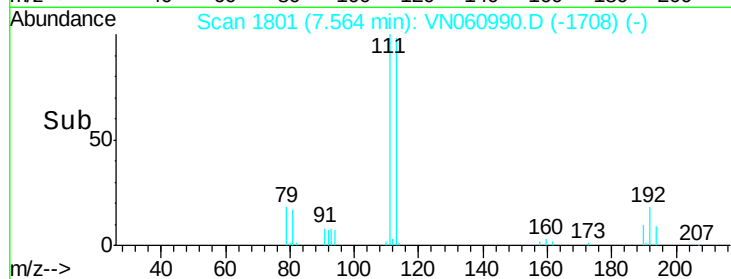
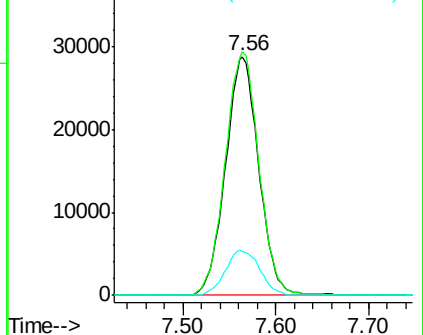
#35
 Dibromofluoromethane
 Concen: 49.119 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060990.D
 Acq: 16 Apr 2020 2:27

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	19.5	15.8	23.8

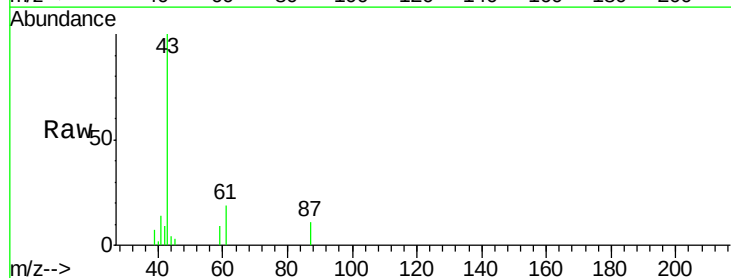


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

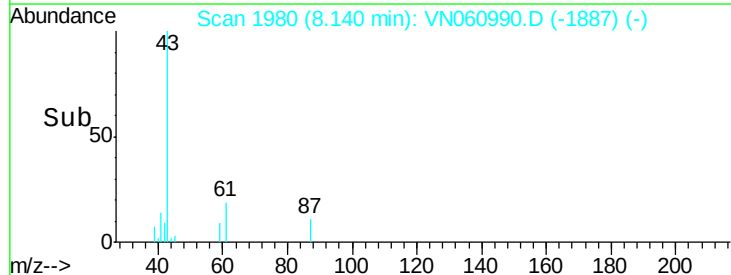
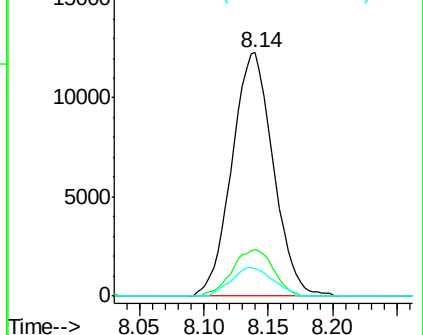


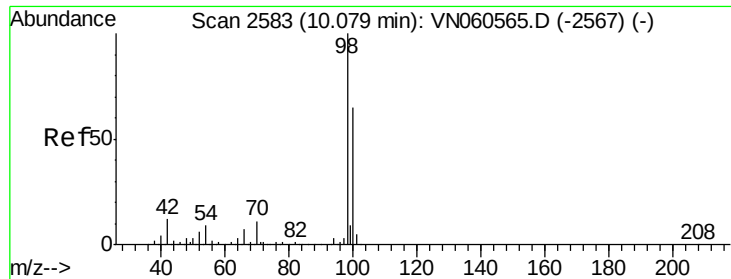
#43
 Isopropyl Acetate
 Concen: 6.607 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060990.D
 Acq: 16 Apr 2020 2:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	20.7	31.1#
87	11.5	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: 50.932 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060990.D

Acq: 16 Apr 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

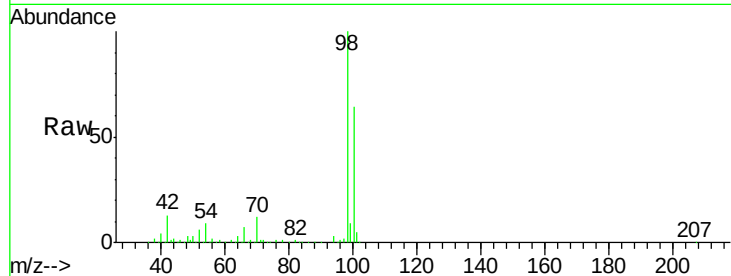
BUS-WASH

Tot Ion: 98 Resp: 302644

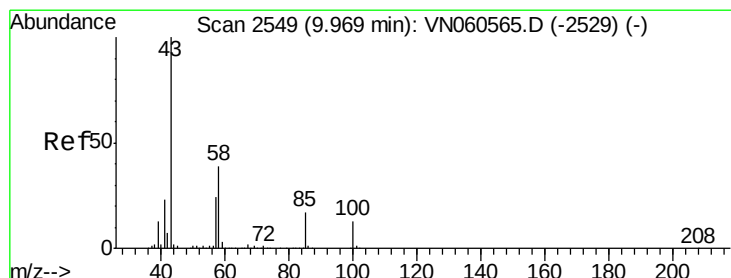
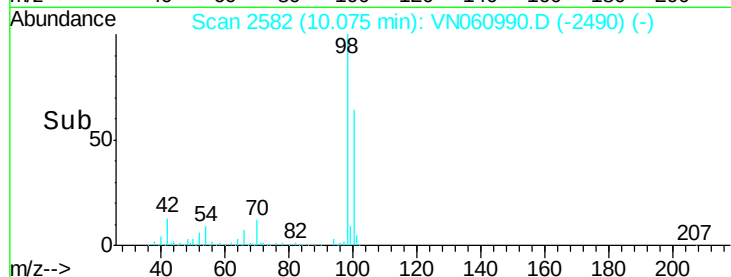
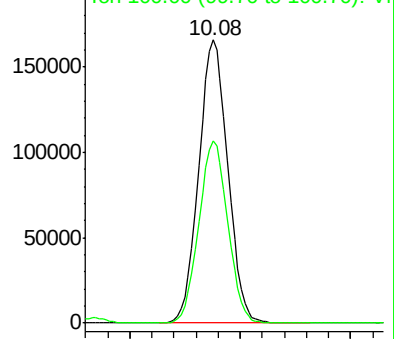
Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 18.271 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060990.D

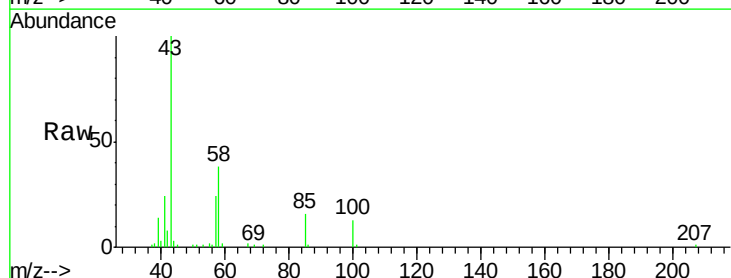
Acq: 16 Apr 2020 2:27

Tgt Ion: 43 Resp: 43162

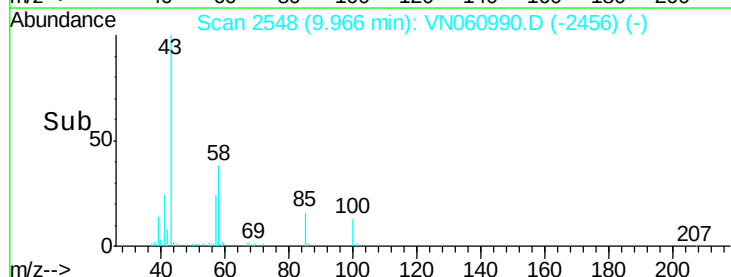
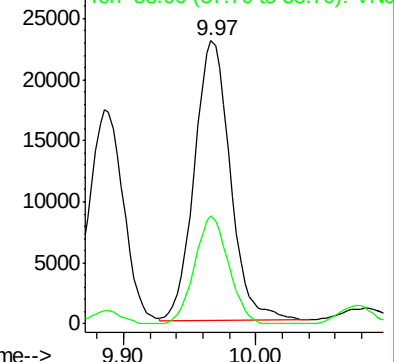
Ion Ratio Lower Upper

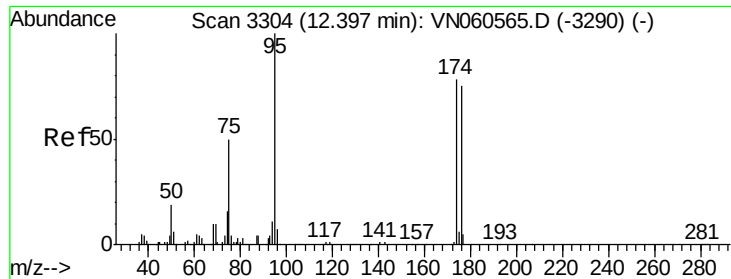
43 100

58 36.3 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

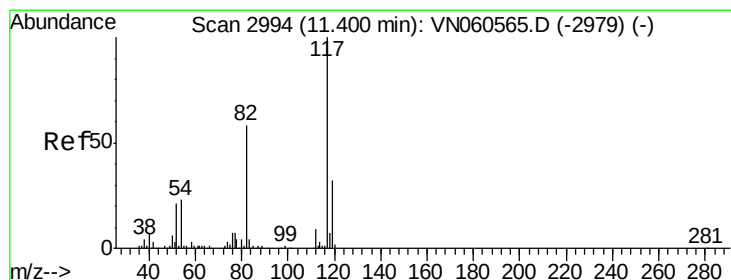
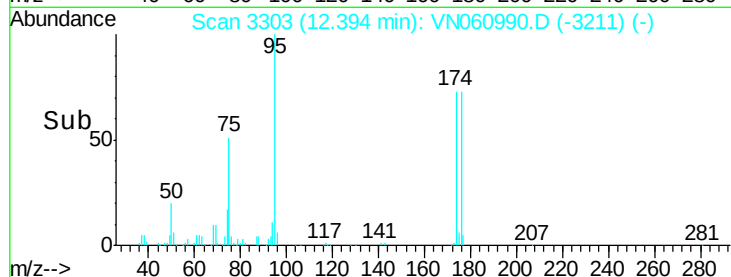
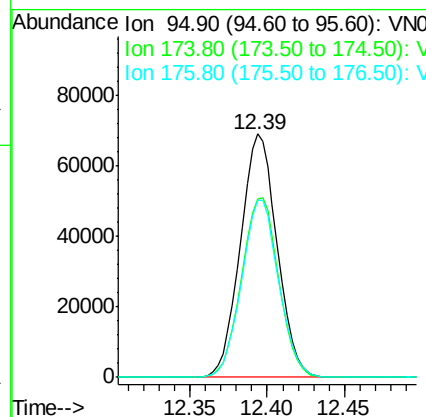
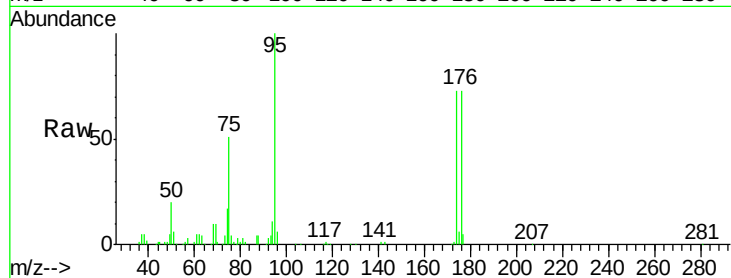




#62
 4-Bromofluorobenzene
 Concen: 52.062 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060990.D
 Acq: 16 Apr 2020 2:27

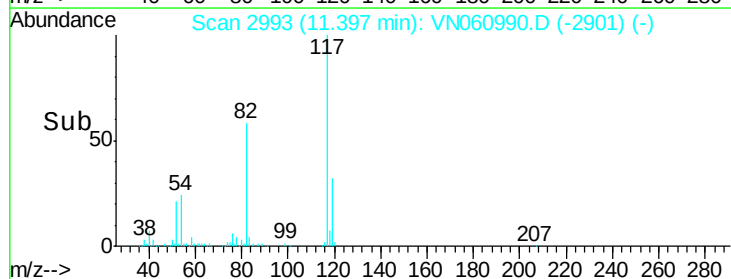
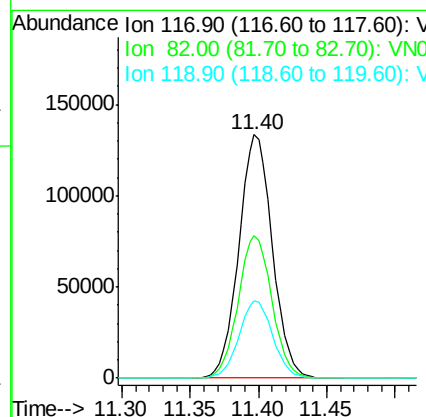
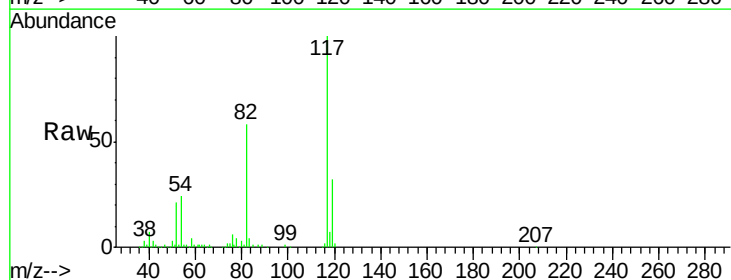
Instrument :
 MSVOA_N
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 BUS-WASH

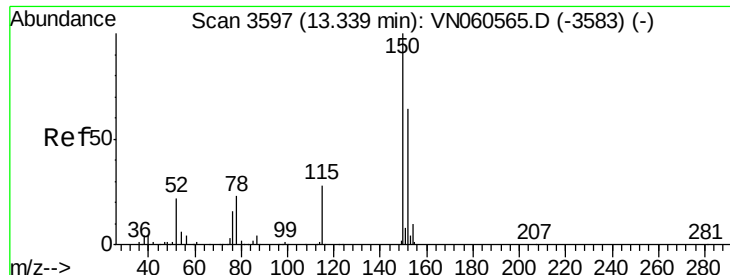
Tot Ion	95	Resp	113377
Ion Ratio	Lower	Upper	
95	100		
174	75.0	0.0	157.6
176	73.9	0.0	150.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2993
 Delta R.T. -0.00 min
 Lab File: VN060990.D
 Acq: 16 Apr 2020 2:27

Tgt Ion	117	Resp	226868
Ion Ratio	Lower	Upper	
117	100		
82	58.4	46.7	70.1
119	31.6	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: VN060990.D

Acq: 16 Apr 2020 2:27

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH

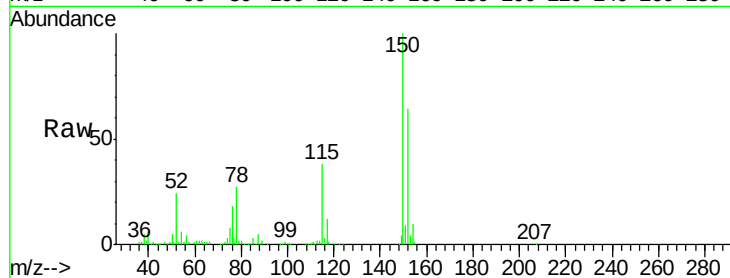
Tot Ion:152 Resp: 103682

Ion Ratio Lower Upper

152 100

115 60.5 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

