

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060858.D
 Acq On : 6 Apr 2020 17:50
 Operator : JC/MD
 Sample : L2144-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Apr 07 08:39:10 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	202590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149308	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	130305	46.85	ug/l	0.00
Spiked Amount						
			Recovery	=	93.70%	
35) Dibromofluoromethane	7.56	113	100163	49.21	ug/l	0.00
Spiked Amount						
			Recovery	=	98.42%	
50) Toluene-d8	10.08	98	416195	50.06	ug/l	0.00
Spiked Amount						
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	157492	51.69	ug/l	0.00
Spiked Amount						
			Recovery	=	103.38%	

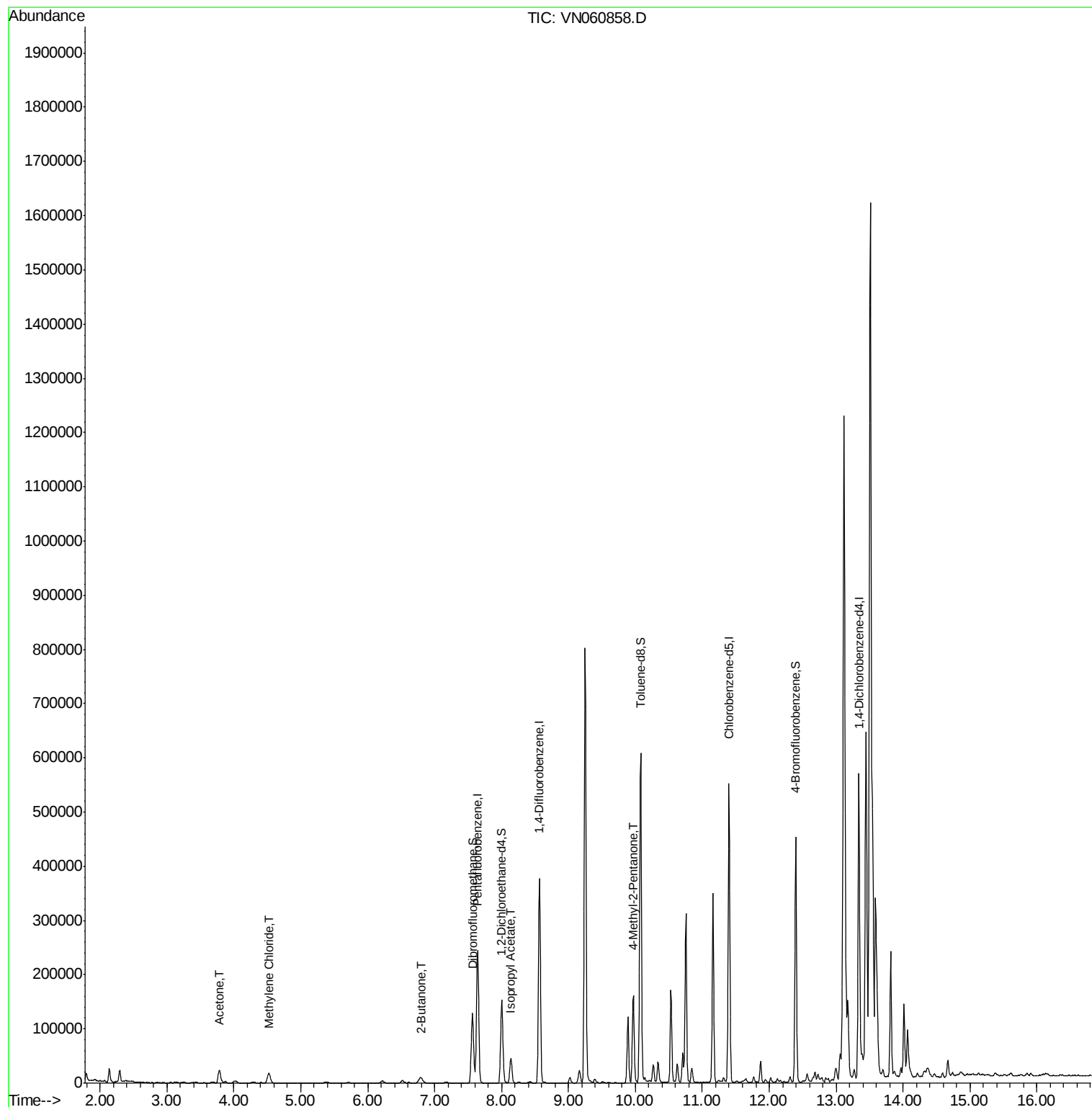
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	40606	41.219	ug/l	100
20) Methylene Chloride	4.52	84	14002	5.778	ug/l	97
25) 2-Butanone	6.80	43	15358	9.634	ug/l	96
43) Isopropyl Acetate	8.14	43	56428	9.716	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	117025	35.409	ug/l	97

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

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Quant Title : SW846 8260
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: VN060858.D

Acq: 6 Apr 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

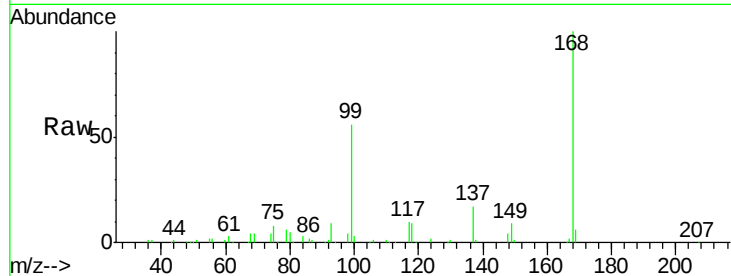
CHASSIS-WASH

Tot Ion:168 Resp: 202590

Ion Ratio Lower Upper

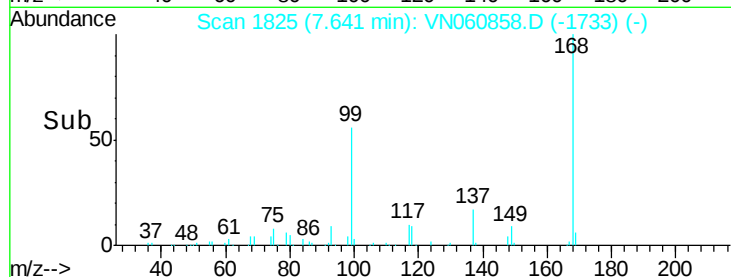
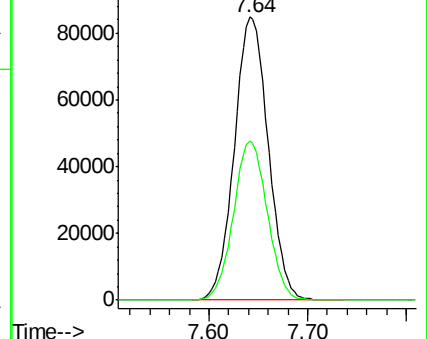
168 100

99 56.1 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: 41.219 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060858.D

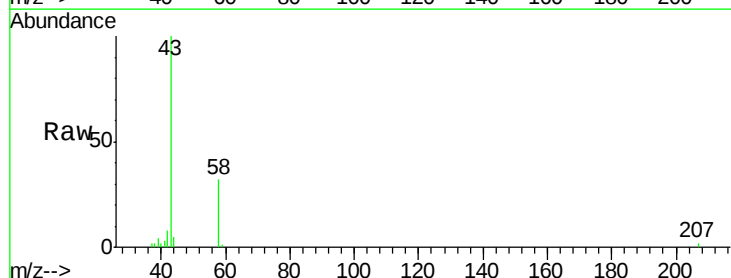
Acq: 6 Apr 2020 17:50

Tgt Ion: 43 Resp: 40606

Ion Ratio Lower Upper

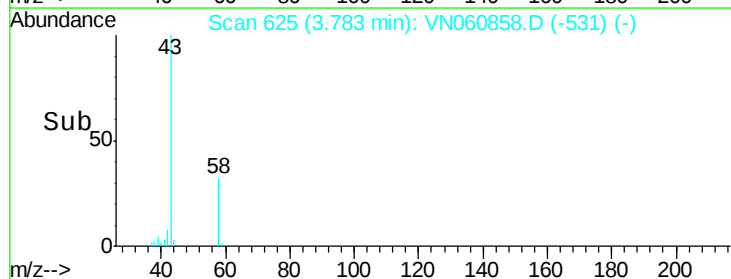
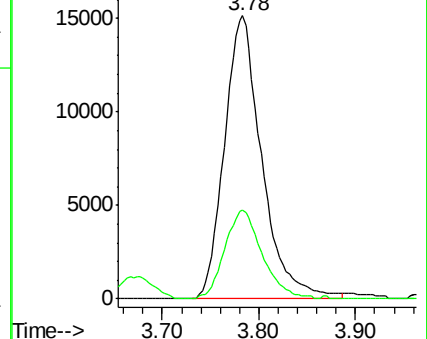
43 100

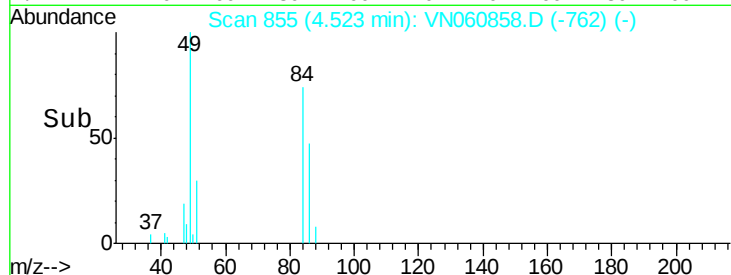
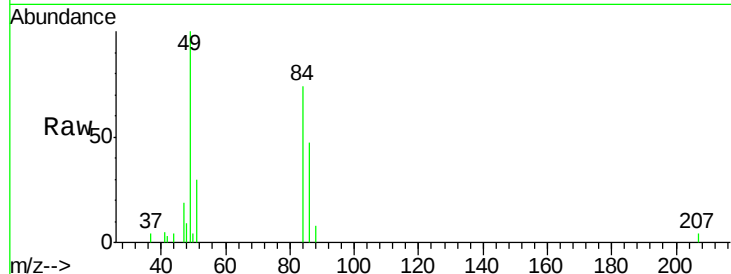
58 31.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

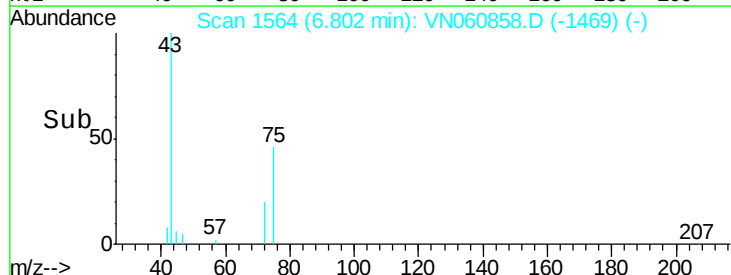
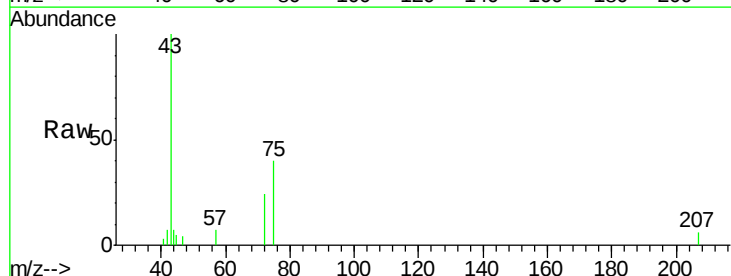
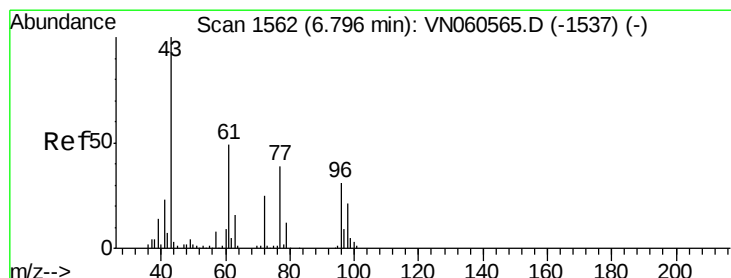
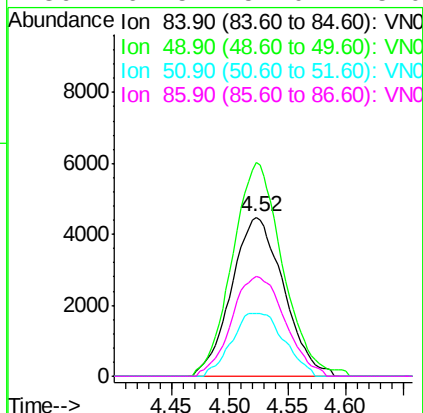




#20
Methylene Chloride
Concen: 5.778 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060858.D
Acq: 6 Apr 2020 17:50

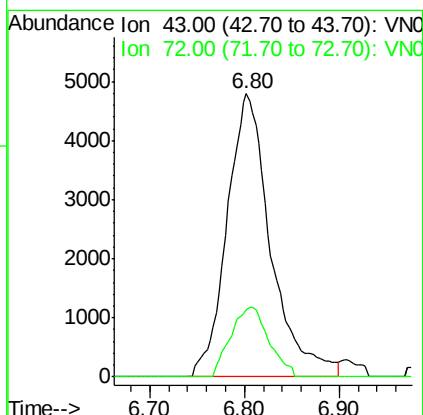
Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH

Tot Ion: 84	Resp: 14002
Ion Ratio	Lower Upper
84 100	
49 134.4	103.3 154.9
51 39.7	31.6 47.4
86 62.5	52.0 78.0



#25
2-Butanone
Concen: 9.634 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060858.D
Acq: 6 Apr 2020 17:50

Tgt Ion: 43	Resp: 15358
Ion Ratio	Lower Upper
43 100	
72 23.6	20.4 30.6





#33

1,2-Dichloroethane-d4

Concen: 46.854 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060858.D

Acq: 6 Apr 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

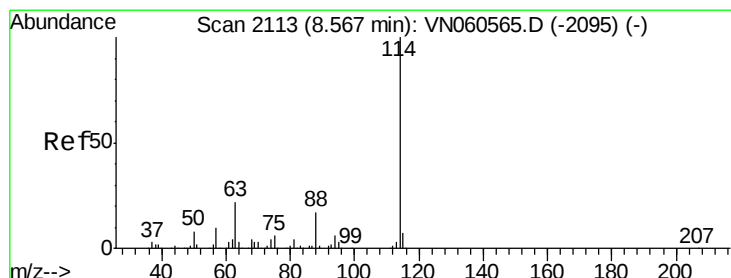
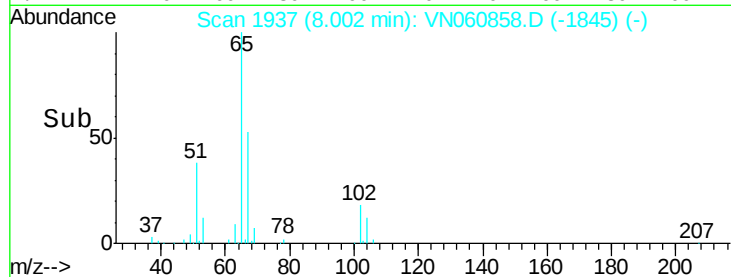
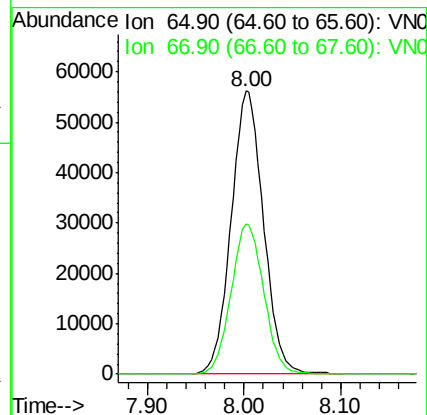
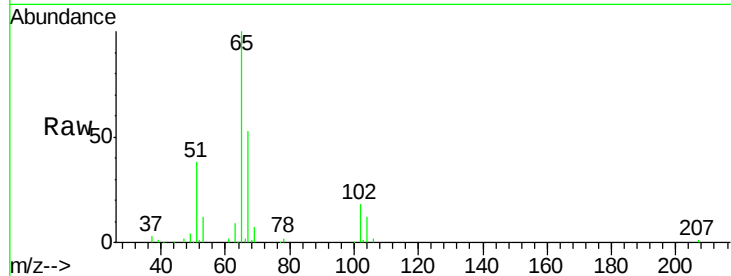
CHASSIS-WASH

Tot Ion: 65 Resp: 130305

Ion Ratio Lower Upper

65 100

67 53.6 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: VN060858.D

Acq: 6 Apr 2020 17:50

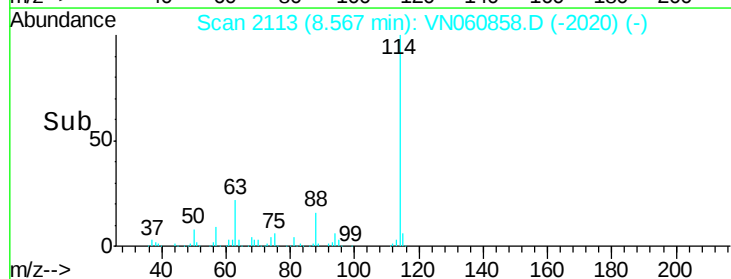
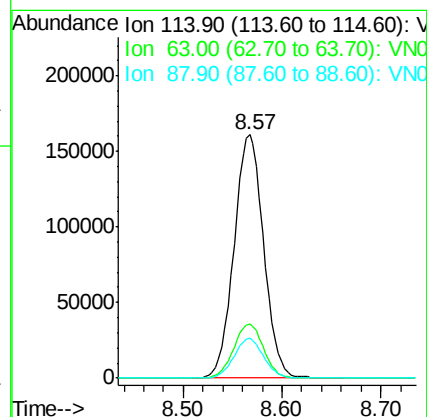
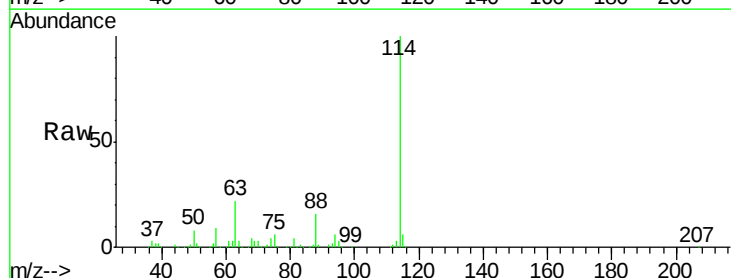
Tgt Ion: 114 Resp: 336587

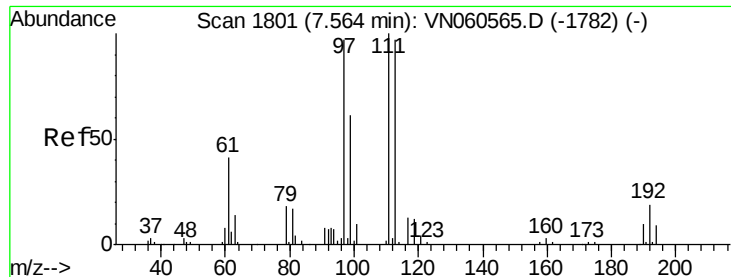
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 16.4 0.0 33.0

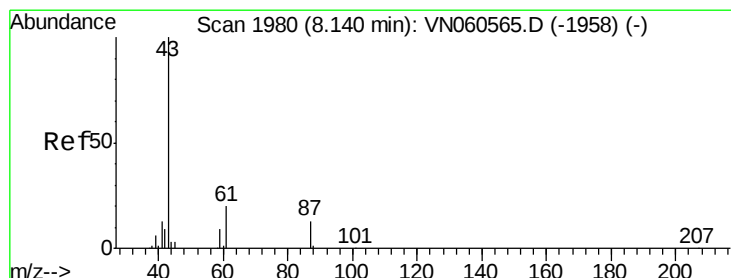
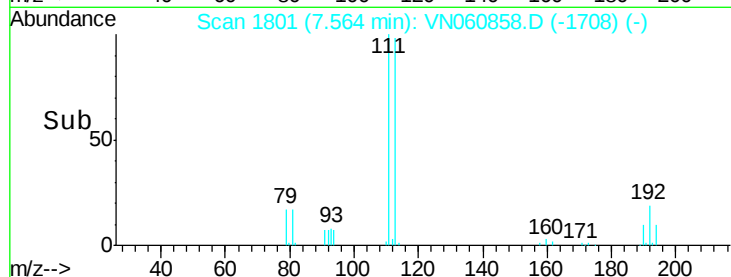
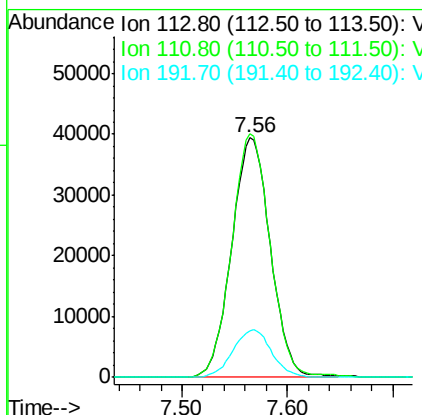
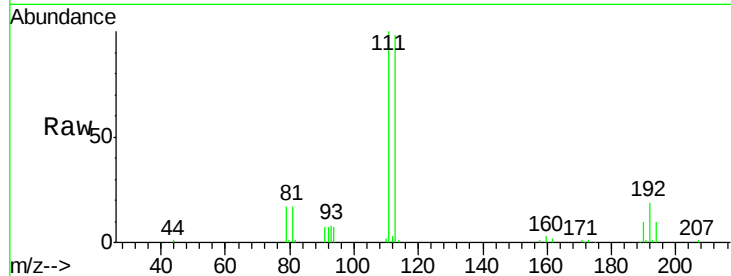




#35
 Dibromofluoromethane
 Concen: 49.214 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060858.D
 Acq: 6 Apr 2020 17:50

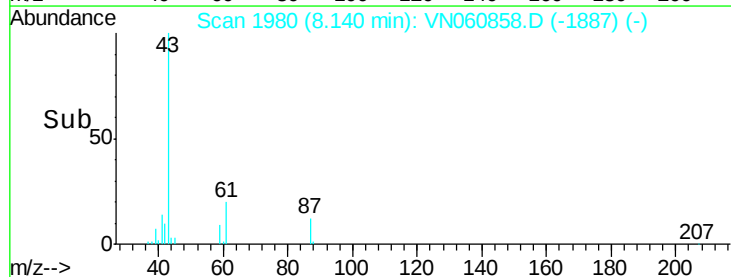
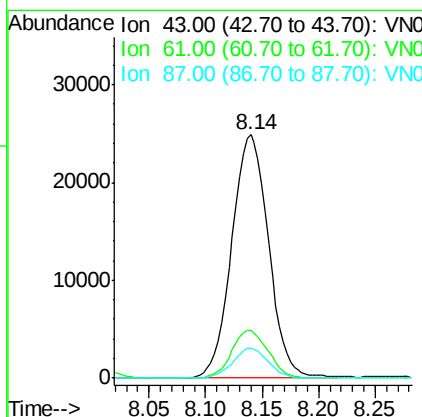
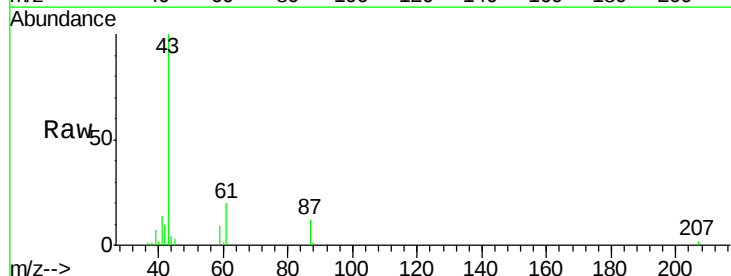
Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

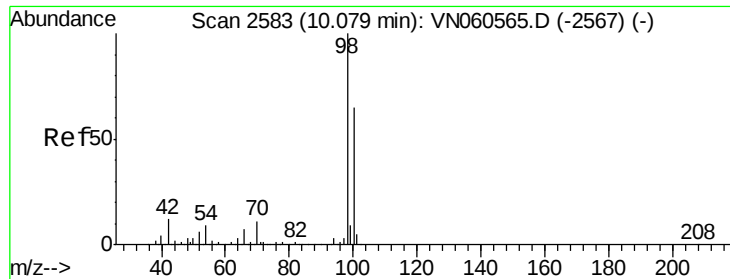
Tot Ion:113 Resp: 100163
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.9 124.3
 192 19.8 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 9.716 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060858.D
 Acq: 6 Apr 2020 17:50

Tgt Ion: 43 Resp: 56428
 Ion Ratio Lower Upper
 43 100
 61 19.4 20.7 31.1#
 87 11.6 9.8 14.8





#50

Toluene-d8

Concen: 50.065 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060858.D

Acq: 6 Apr 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

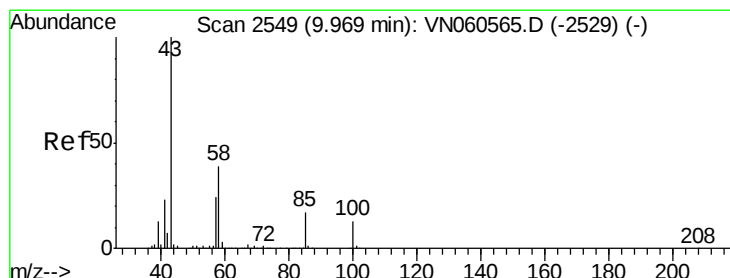
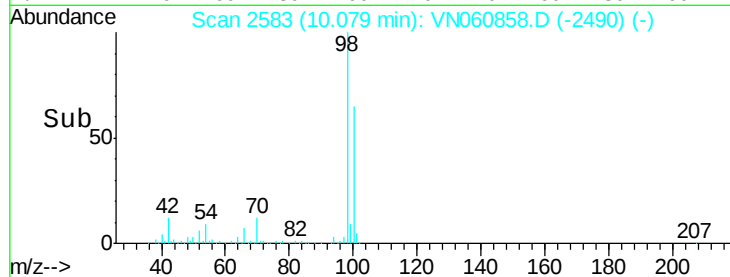
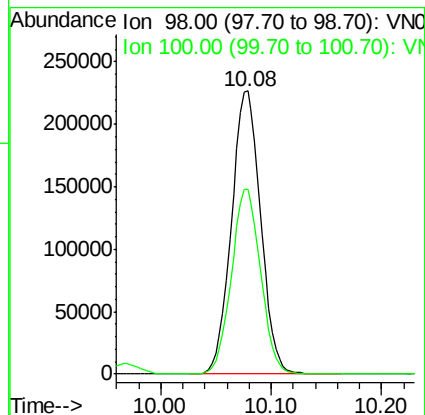
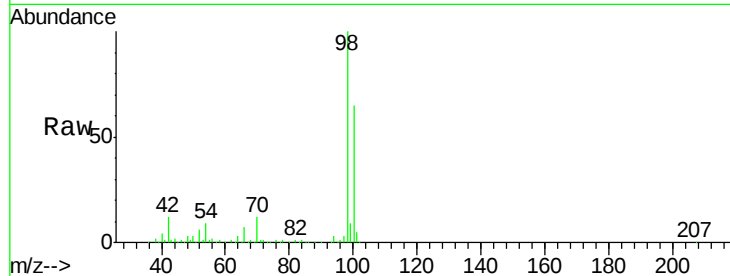
CHASSIS-WASH

Tot Ion: 98 Resp: 416195

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 35.409 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060858.D

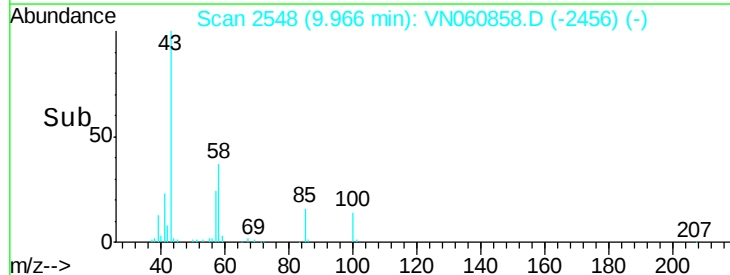
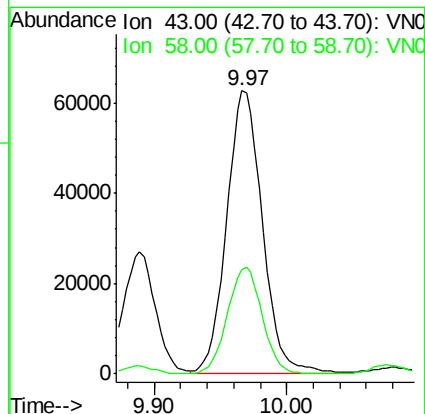
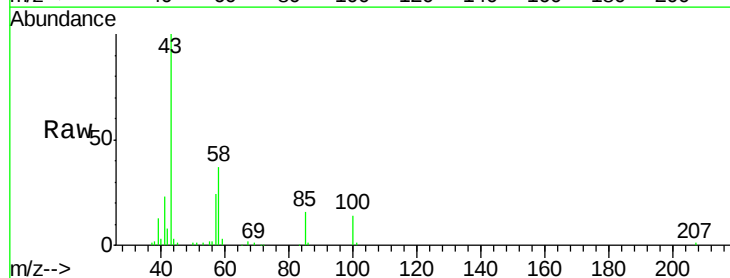
Acq: 6 Apr 2020 17:50

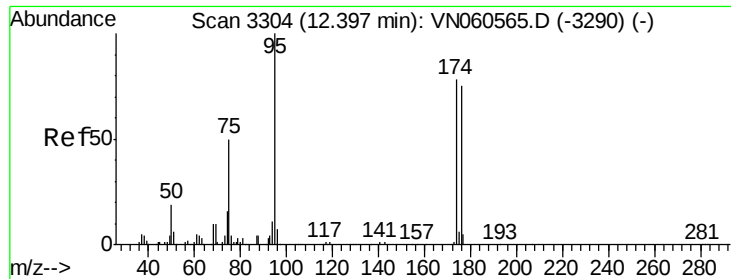
Tgt Ion: 43 Resp: 117025

Ion Ratio Lower Upper

43 100

58 36.7 30.8 46.2





#62

4-Bromofluorobenzene

Concen: 51.694 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060858.D

Acq: 6 Apr 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-WASH

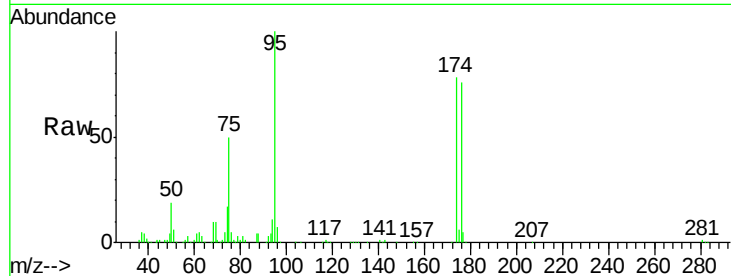
Tot Ion: 95 Resp: 157492

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.6

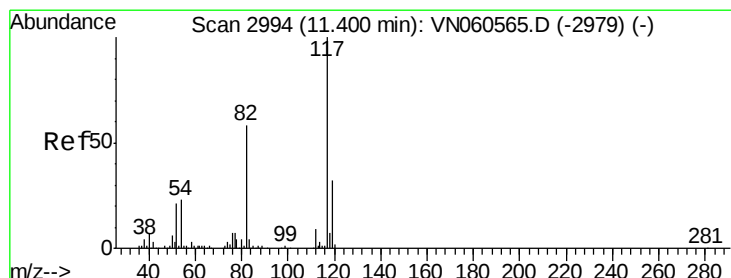
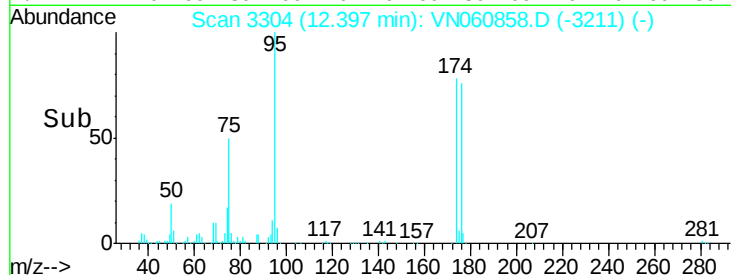
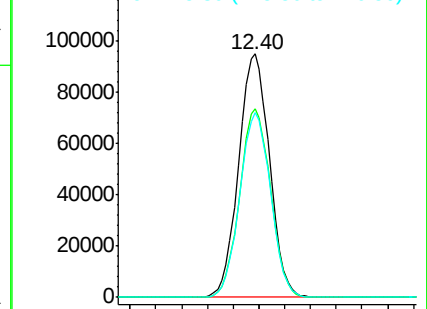
176 76.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060858.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060858.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060858.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060858.D

Acq: 6 Apr 2020 17:50

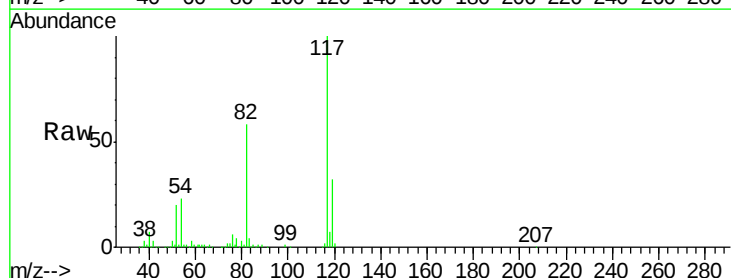
Tgt Ion: 117 Resp: 317462

Ion Ratio Lower Upper

117 100

82 57.9 46.7 70.1

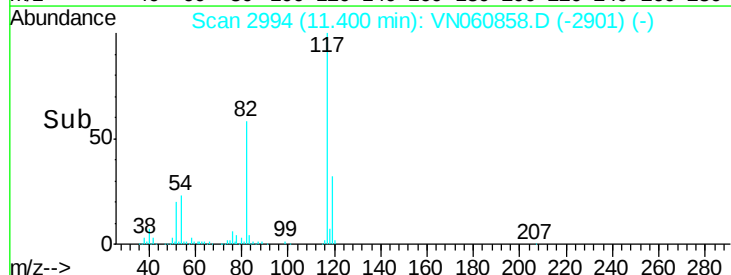
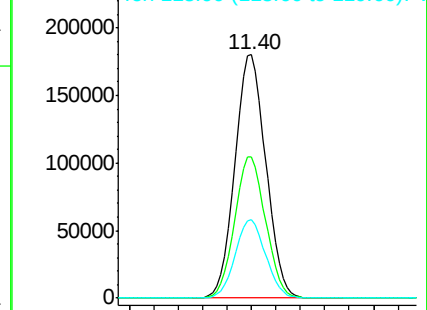
119 32.3 25.5 38.3

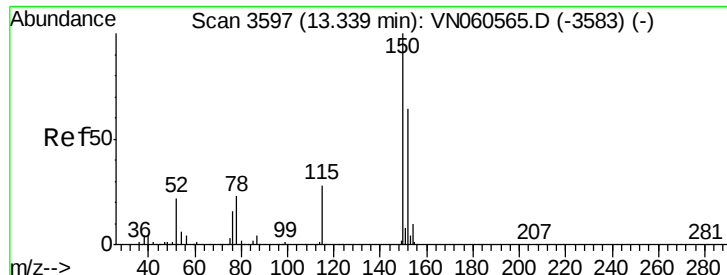


Abundance Ion 116.90 (116.60 to 117.60): VN060858.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060858.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060858.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060858.D

Acq: 6 Apr 2020 17:50

Instrument :

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CHASSIS-WASH

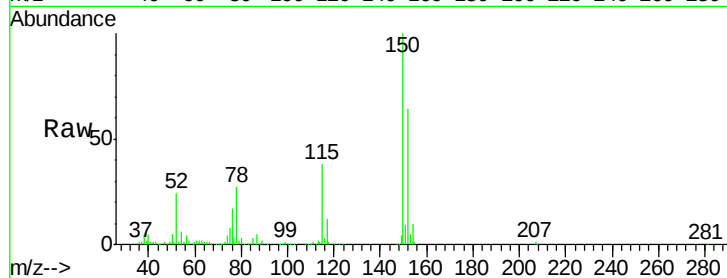
Tot Ion:152 Resp: 149308

Ion Ratio Lower Upper

152 100

115 59.4 30.2 90.6

150 155.7 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

