

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064386.D
 Acq On : 29 Oct 2020 20:06
 Operator : JC/MD
 Sample : L4549-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Oct 30 08:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

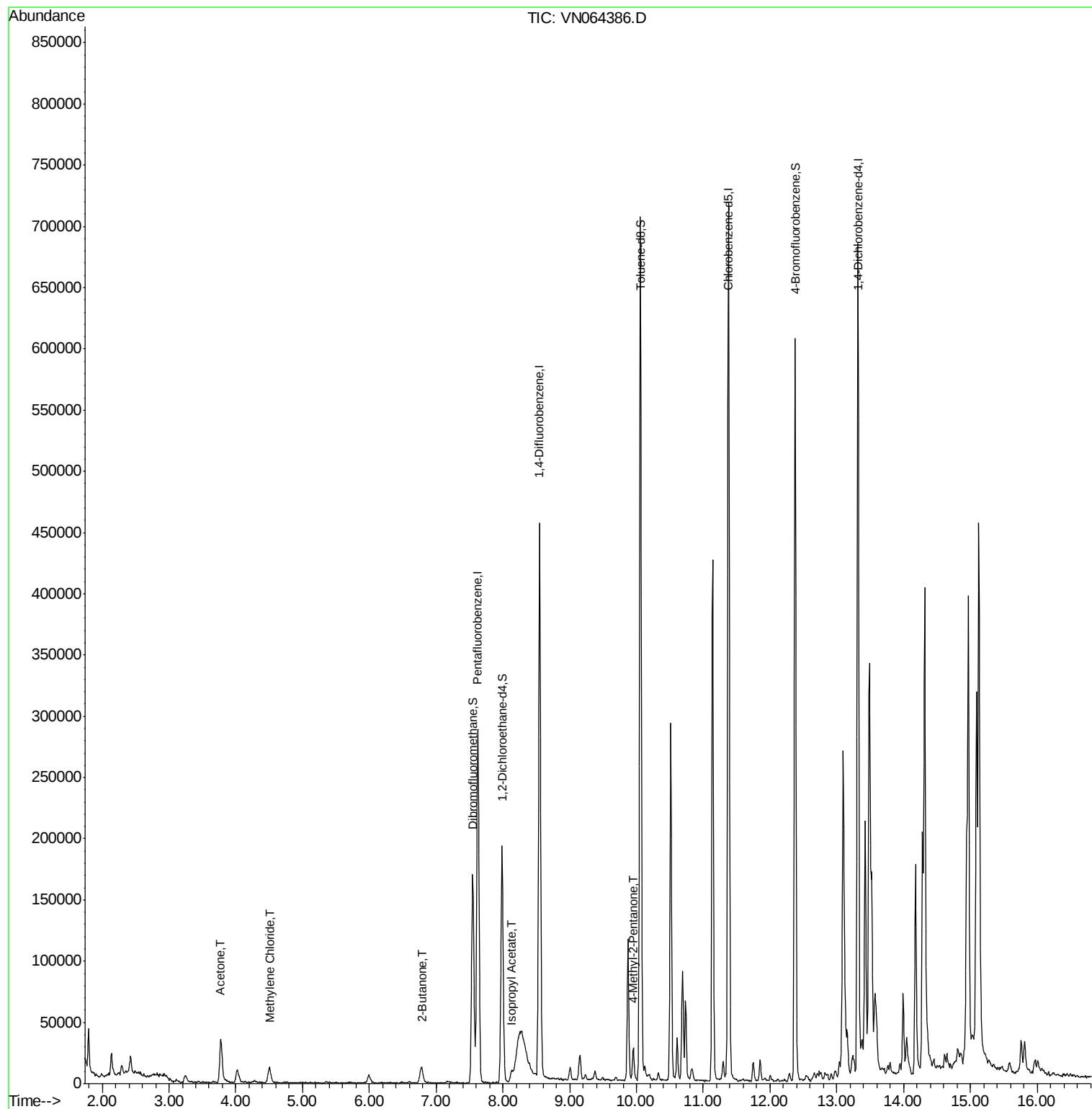
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	213686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	378469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177527	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	7.55	113	125014	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.06	98	473502	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.38	95	201705	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
Target Compounds						
16) Acetone	3.77	43	63018	47.890	ug/l	95
20) Methylene Chloride	4.50	84	8260	3.392	ug/l	87
25) 2-Butanone	6.78	43	11595	6.725	ug/l	94
43) Isopropyl Acetate	8.13	43	13563	2.056	ug/l #	79
51) 4-Methyl-2-Pentanone	9.95	43	19740	5.149	ug/l	96

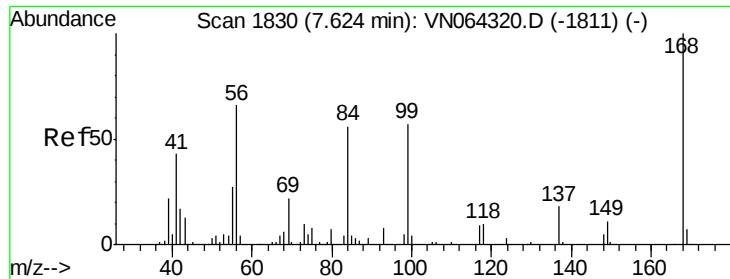
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 08:11:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064386.D

Acq: 29 Oct 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

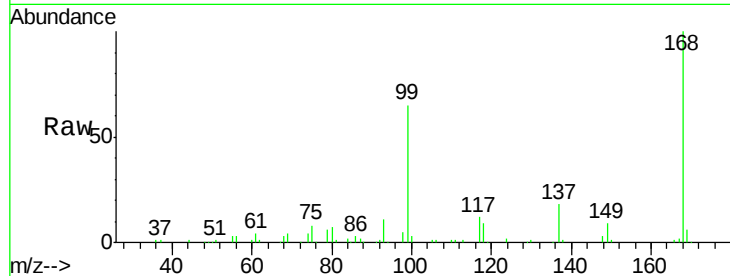
CHASSIS-WASH

Tot Ion:168 Resp: 213686

Ion Ratio Lower Upper

168 100

99 65.0 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

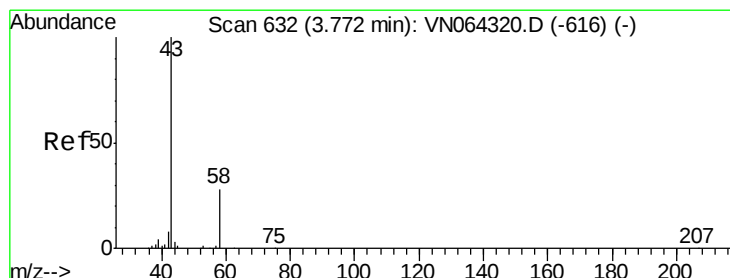
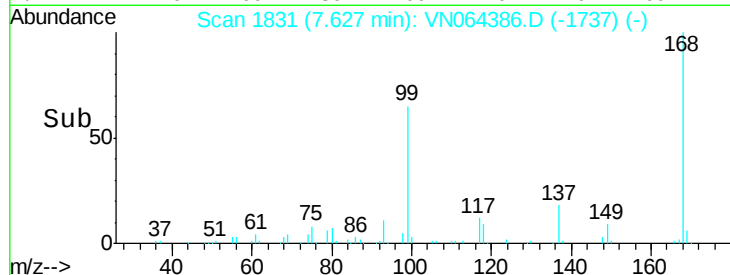
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 47.890 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064386.D

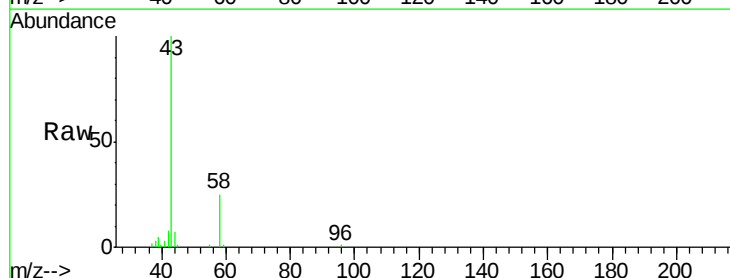
Acq: 29 Oct 2020 20:06

Tgt Ion: 43 Resp: 63018

Ion Ratio Lower Upper

43 100

58 25.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.77

25000

20000

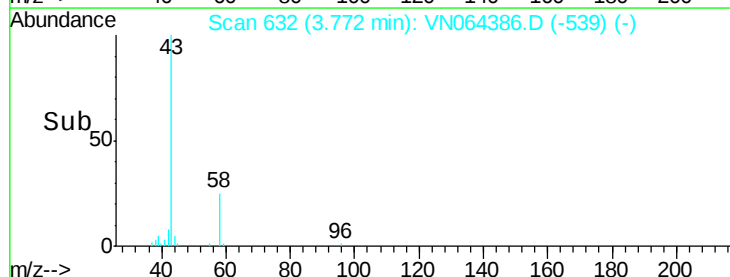
15000

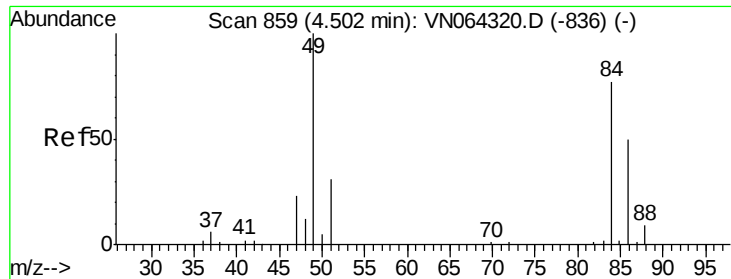
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5000

0

Time-->

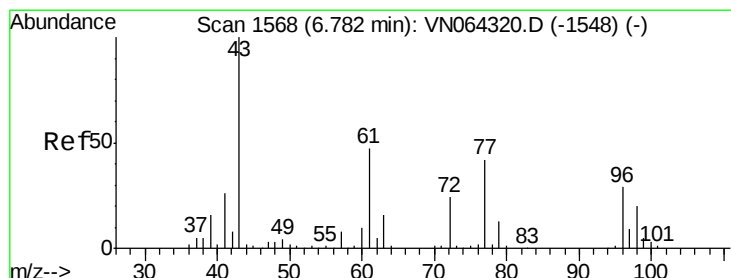
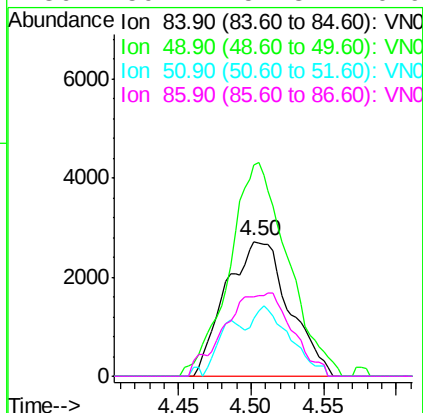
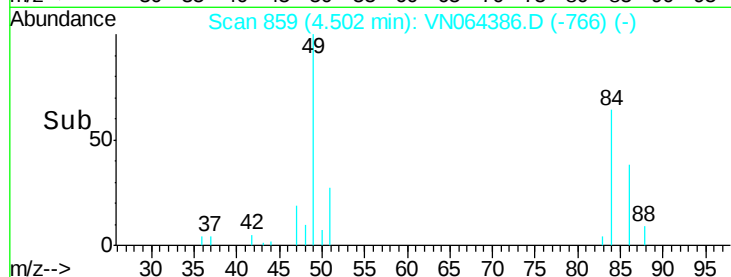
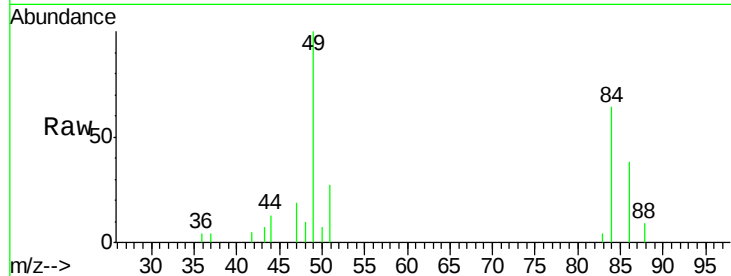




#20
Methvlene Chloride
Concen: 3.392 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064386.D
Acq: 29 Oct 2020 20:06

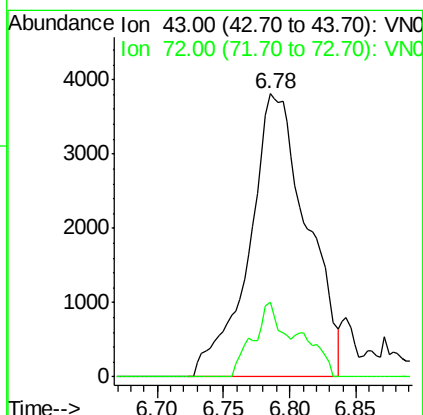
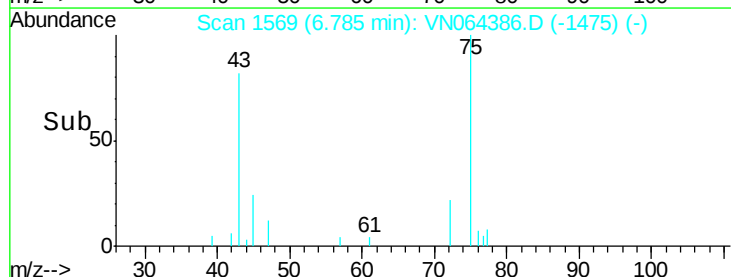
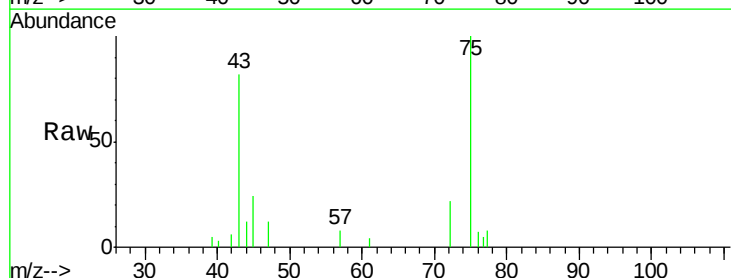
Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH

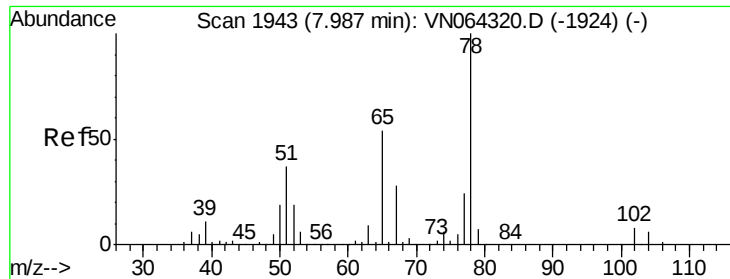
Tot Ion: 84 Resp: 8260
Ion Ratio Lower Upper
84 100
49 151.1 103.6 155.4
51 42.4 31.8 47.8
86 59.2 51.3 76.9



#25
2-Butanone
Concen: 6.725 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064386.D
Acq: 29 Oct 2020 20:06

Tgt Ion: 43 Resp: 11595
Ion Ratio Lower Upper
43 100
72 26.5 18.8 28.2

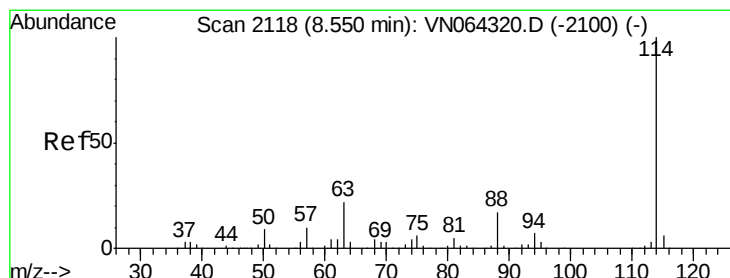
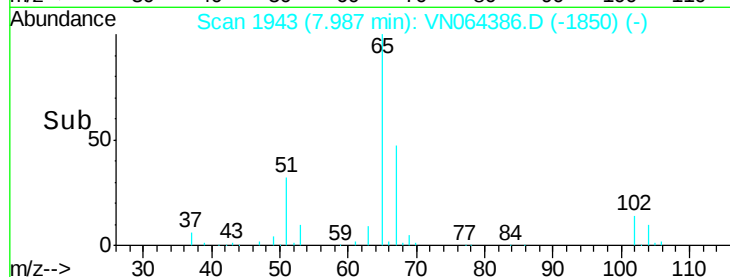
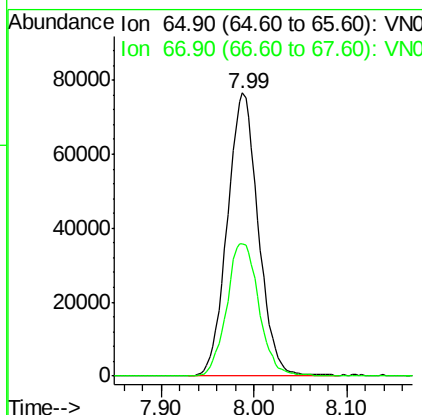
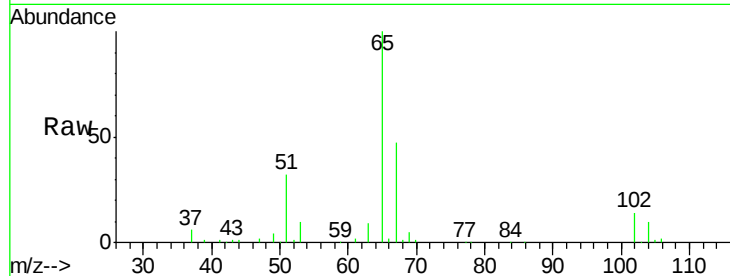




#33
 1,2-Dichloroethane-d4
 Concen: 51.698 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064386.D
 Acq: 29 Oct 2020 20:06

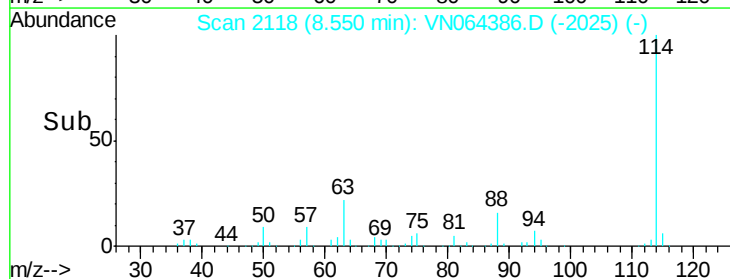
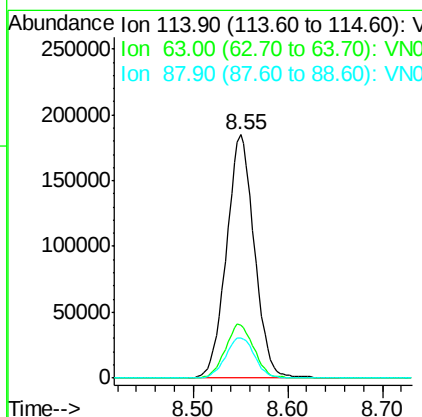
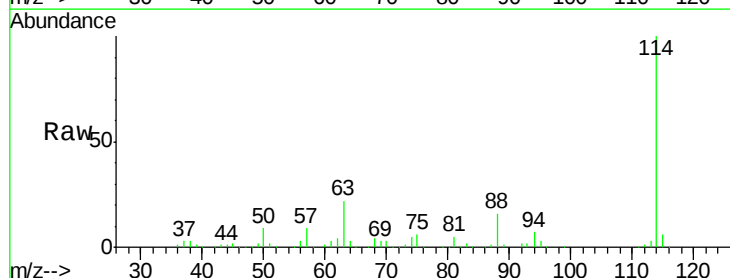
Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

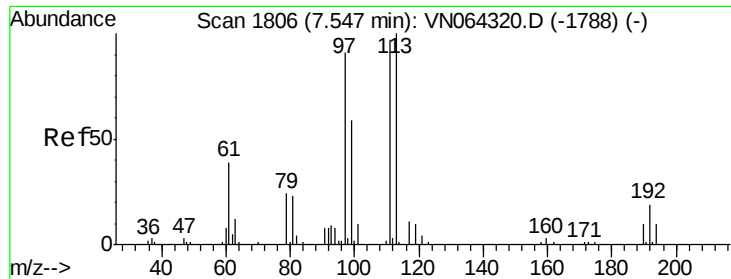
Tot Ion: 65 Resp: 177527
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064386.D
 Acq: 29 Oct 2020 20:06

Tgt Ion: 114 Resp: 378469
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.6
 88 16.4 0.0 33.4

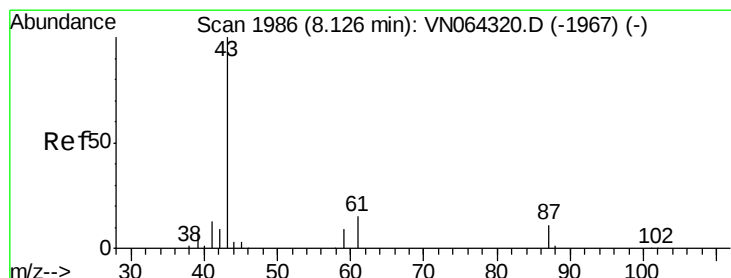
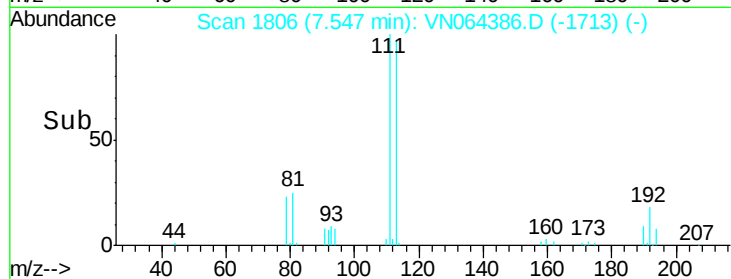
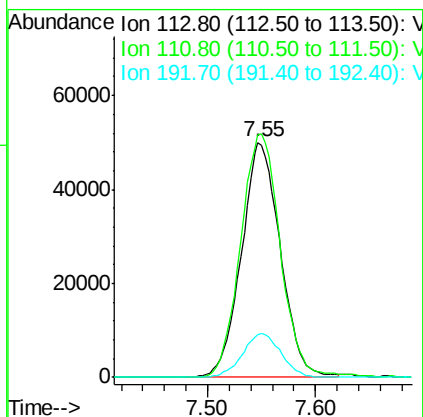
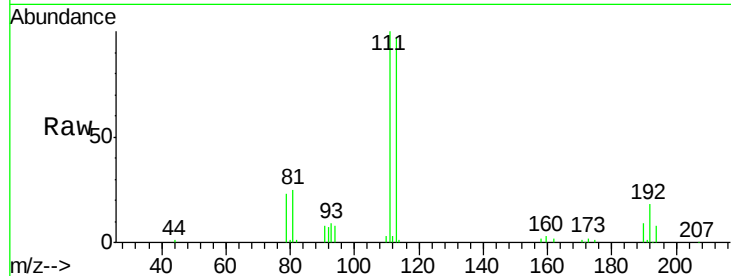




#35
 Dibromofluoromethane
 Concen: 49.532 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064386.D
 Acq: 29 Oct 2020 20:06

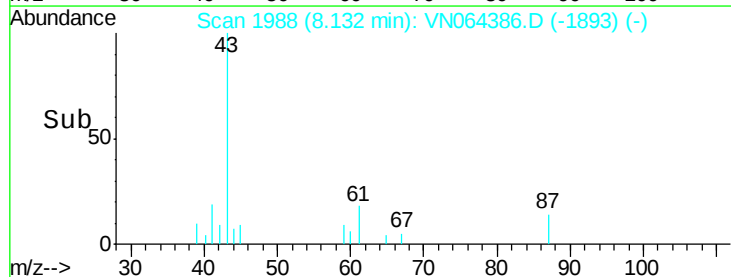
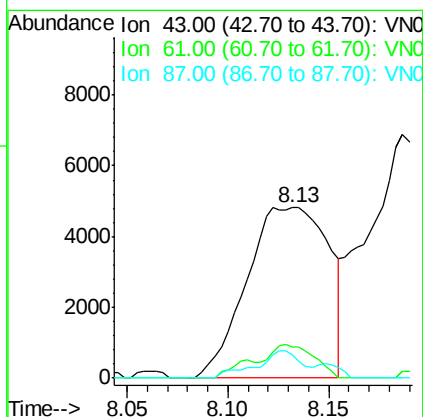
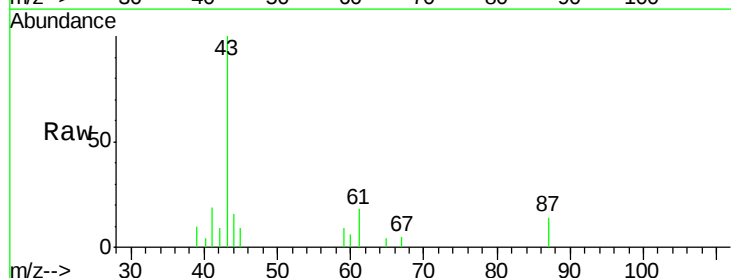
Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

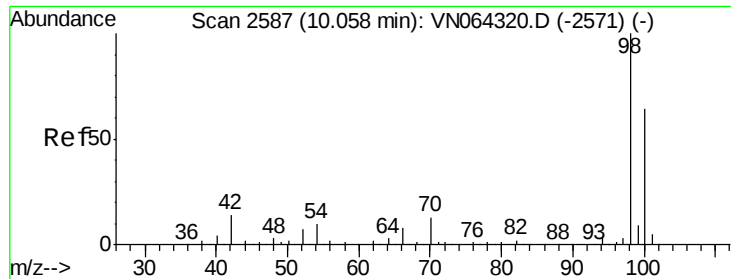
Tot Ion:113 Resp: 125014
 Ion Ratio Lower Upper
 113 100
 111 106.4 81.5 122.3
 192 18.5 15.0 22.4



#43
 Isopropyl Acetate
 Concen: 2.056 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064386.D
 Acq: 29 Oct 2020 20:06

Tgt Ion: 43 Resp: 13563
 Ion Ratio Lower Upper
 43 100
 61 10.4 19.1 28.7#
 87 8.9 9.3 13.9#





#50

Toluene-d8

Concen: 50.720 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064386.D

Acq: 29 Oct 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

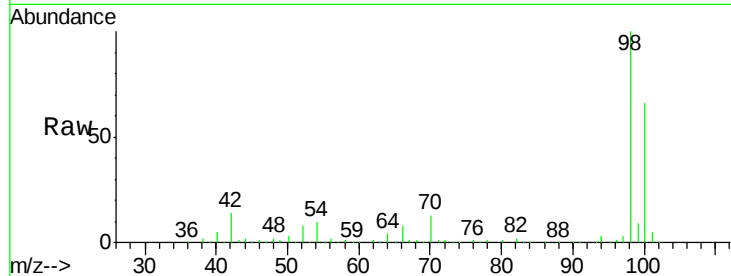
CHASSIS-WASH

Tot Ion: 98 Resp: 473502

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064320.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064320.D (-2571) (-)

10.06

250000

200000

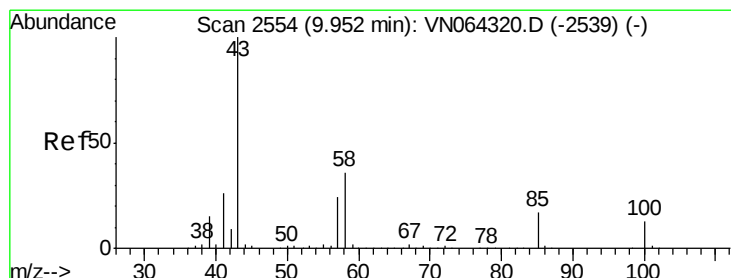
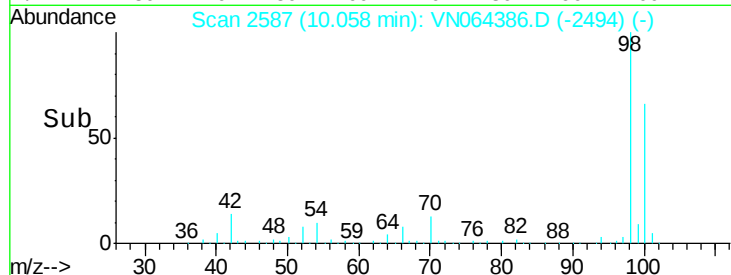
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 5.149 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064386.D

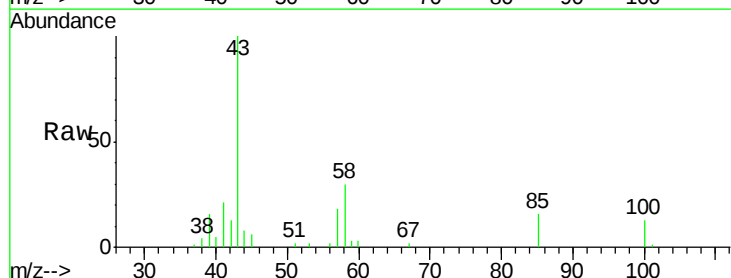
Acq: 29 Oct 2020 20:06

Tgt Ion: 43 Resp: 19740

Ion Ratio Lower Upper

43 100

58 33.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

30000

25000

20000

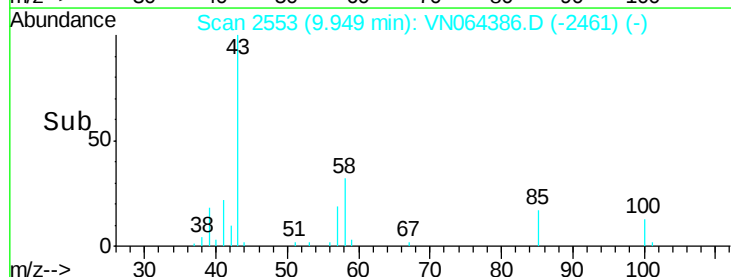
15000

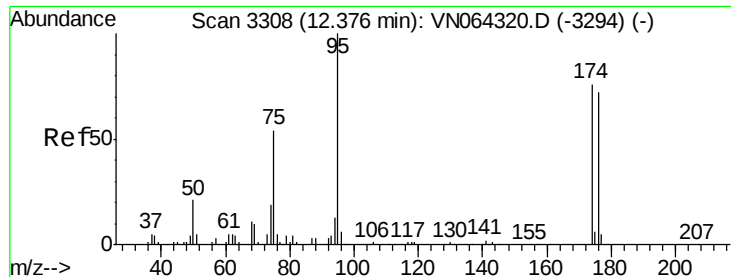
10000

5000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 55.415 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064386.D

Acq: 29 Oct 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-WASH

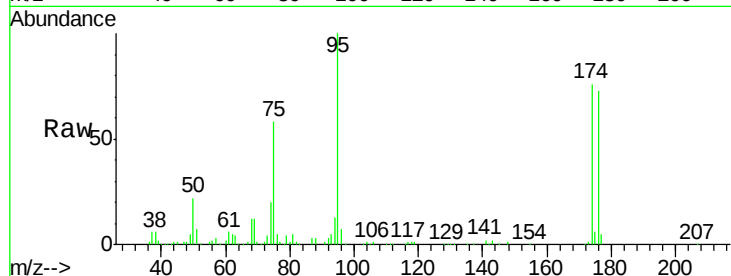
Tot Ion: 95 Resp: 201705

Ion Ratio Lower Upper

95 100

174 75.5 0.0 147.4

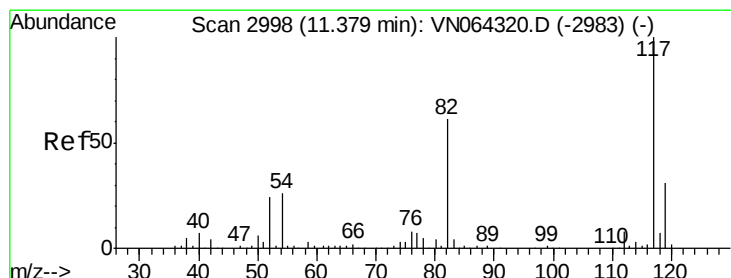
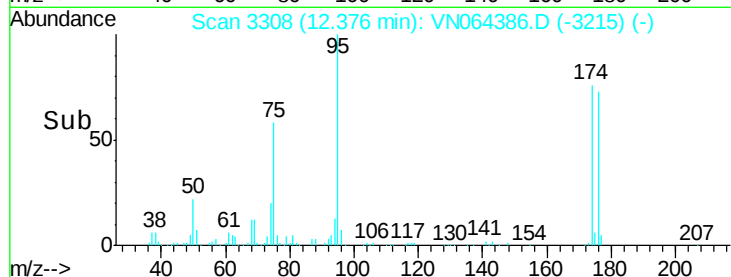
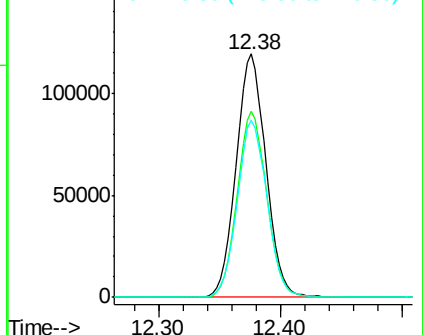
176 72.5 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064386.D

Acq: 29 Oct 2020 20:06

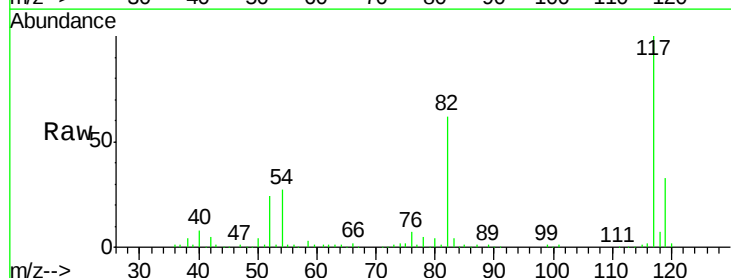
Tgt Ion: 117 Resp: 380439

Ion Ratio Lower Upper

117 100

82 61.9 48.8 73.2

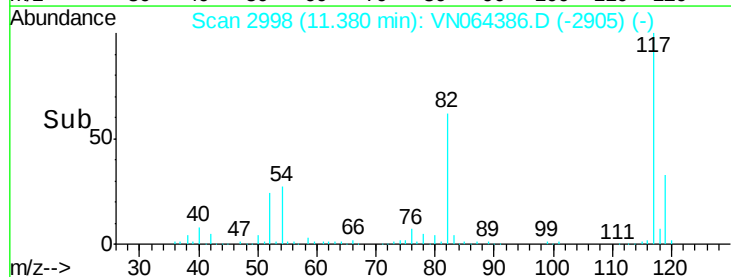
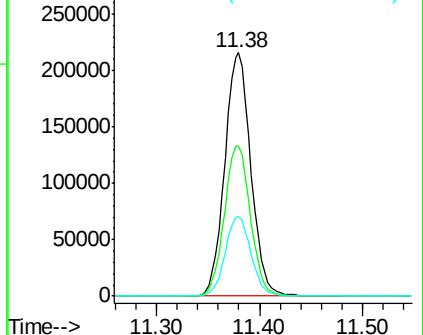
119 32.9 25.1 37.7

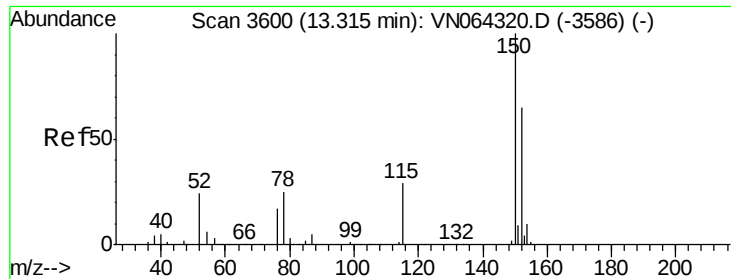


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064386.D

Acq: 29 Oct 2020 20:06

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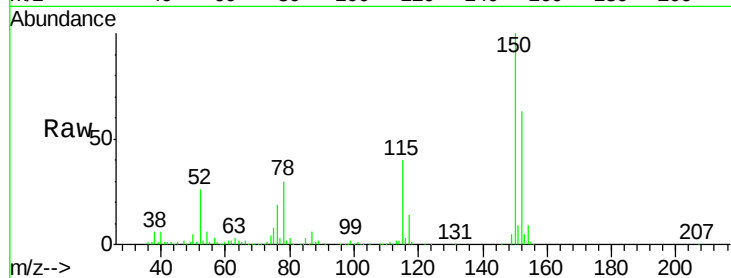
Tot Ion:152 Resp: 168893

Ion Ratio Lower Upper

152 100

115 65.3 31.5 94.5

150 158.5 0.0 346.2



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

