

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060836.D
 Acq On : 2 Apr 2020 20:51
 Operator : JC/MD
 Sample : L2109-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIE-WASH

Quant Time: Apr 03 09:33:31 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

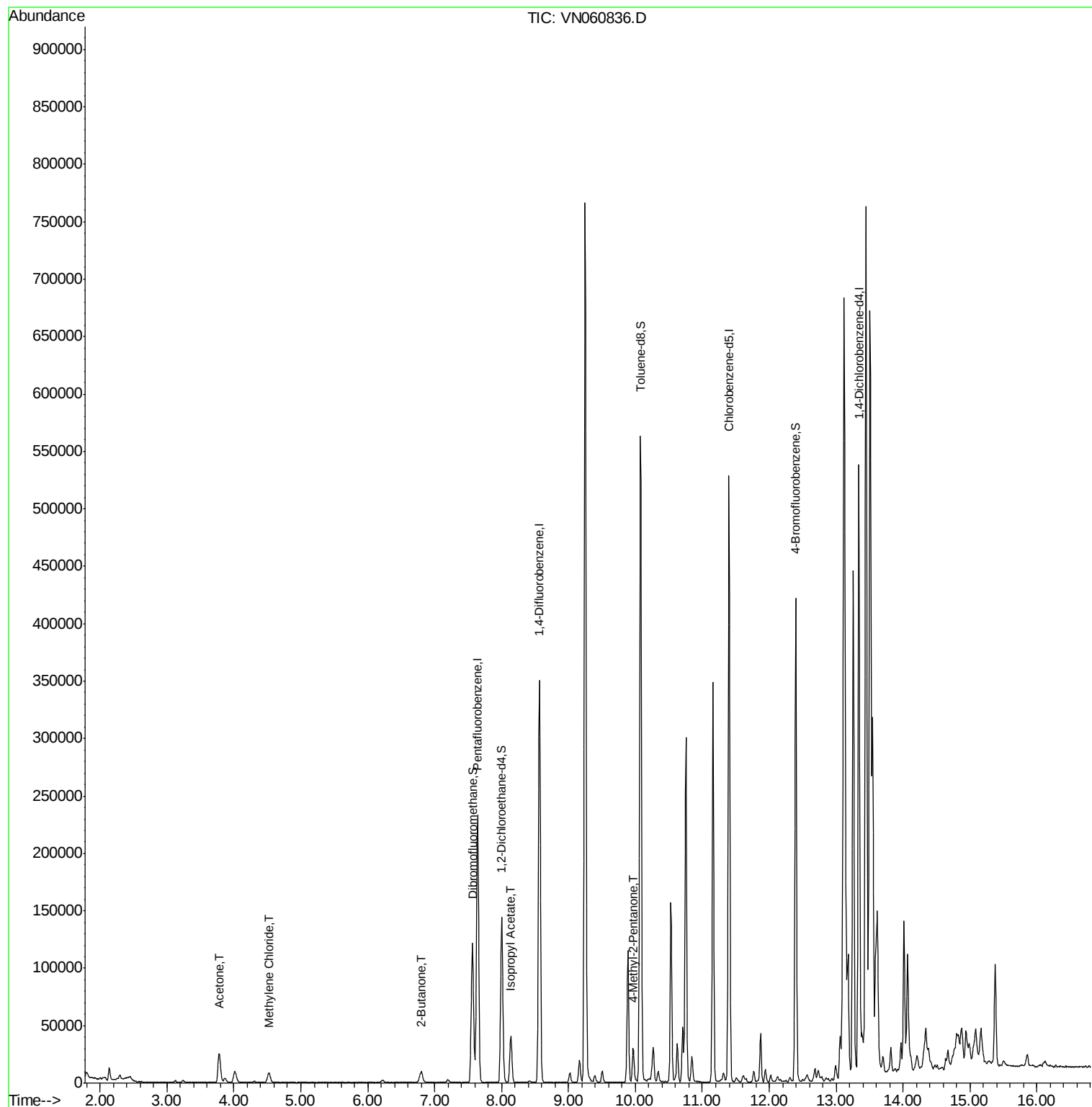
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122395	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	7.56	113	93660	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.08	98	389626	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	147232	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
Target Compounds						
16) Acetone	3.78	43	44865	49.175	ug/l	94
20) Methylene Chloride	4.52	84	6937	3.091	ug/l	99
25) 2-Butanone	6.80	43	17429	11.805	ug/l	98
43) Isopropyl Acetate	8.14	43	50143	9.275	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	24256	7.884	ug/l	89

(#) = 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: VN060836.D

Acq: 2 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

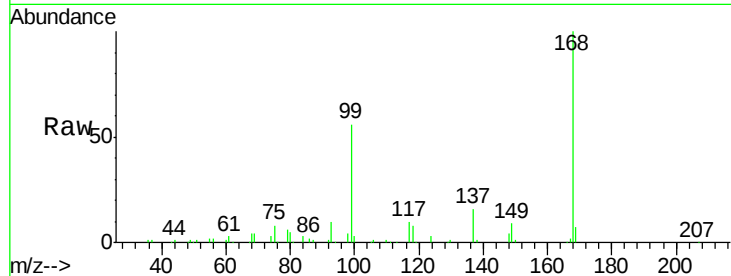
CHASSIE-WASH

Tot Ion:168 Resp: 187627

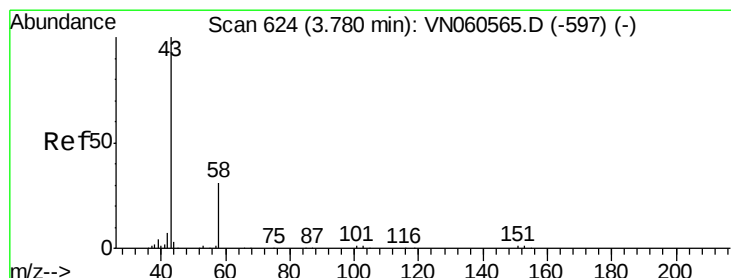
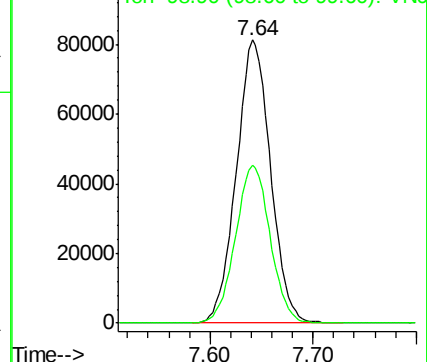
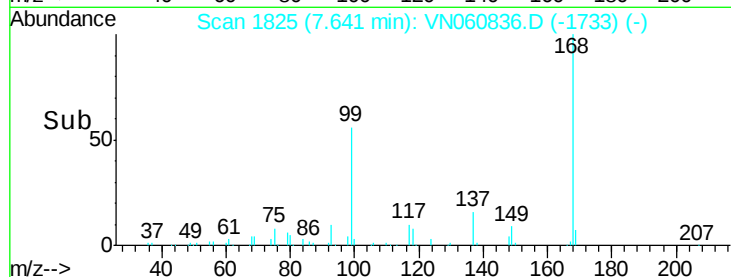
Ion Ratio Lower Upper

168 100

99 55.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060836.D (-1733) (-)



#16

Acetone

Concen: 49.175 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060836.D

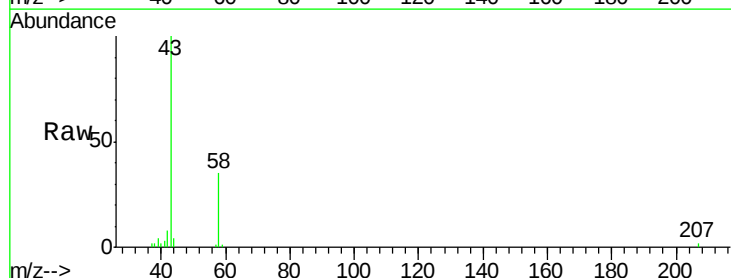
Acq: 2 Apr 2020 20:51

Tgt Ion: 43 Resp: 44865

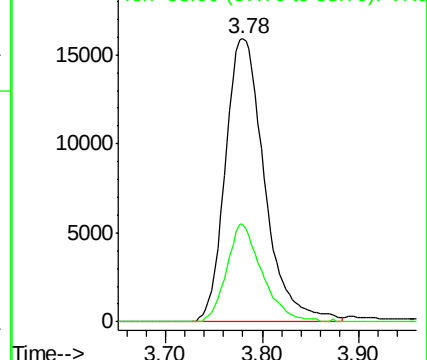
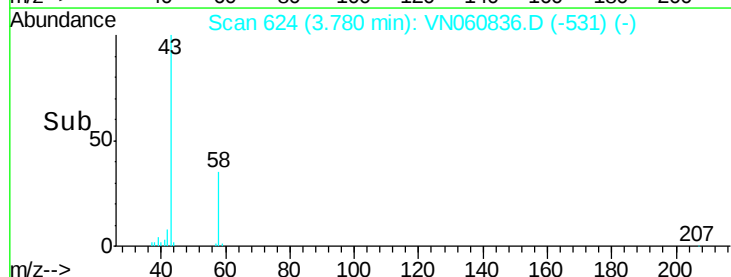
Ion Ratio Lower Upper

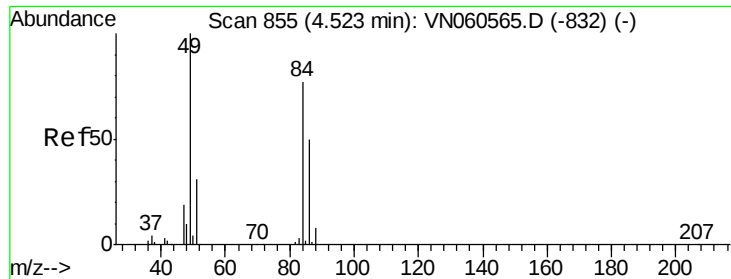
43 100

58 34.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060836.D (-531) (-)

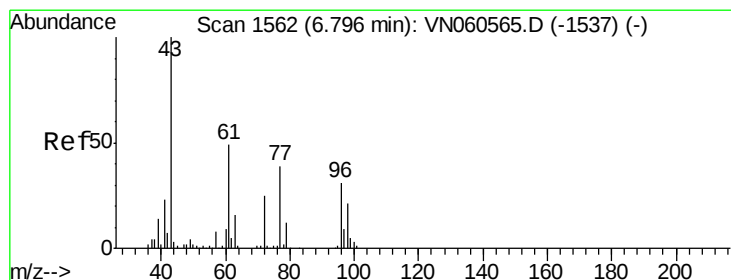
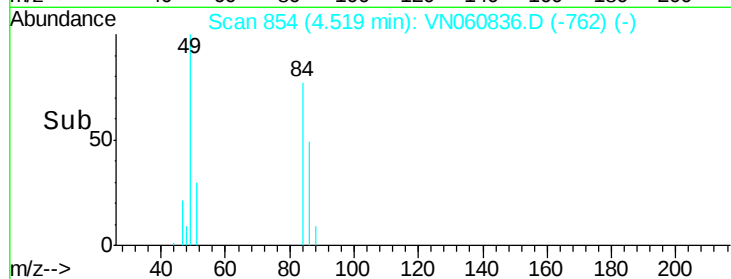
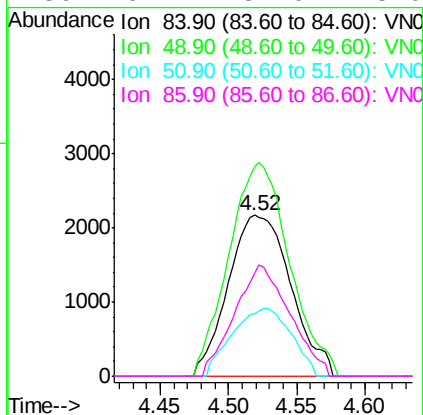
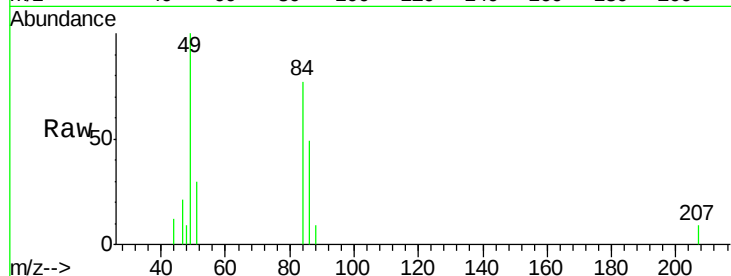




#20
Methvlene Chloride
Concen: 3.091 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060836.D
Acq: 2 Apr 2020 20:51

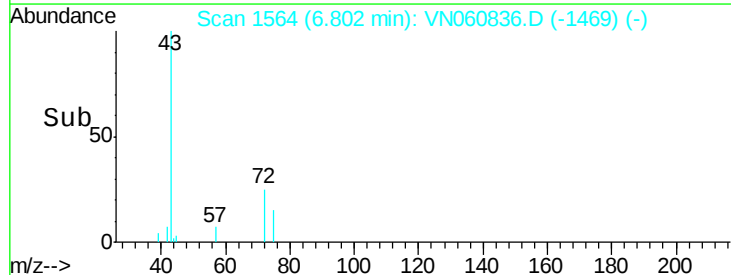
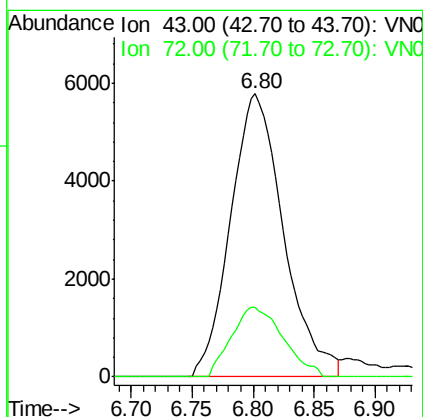
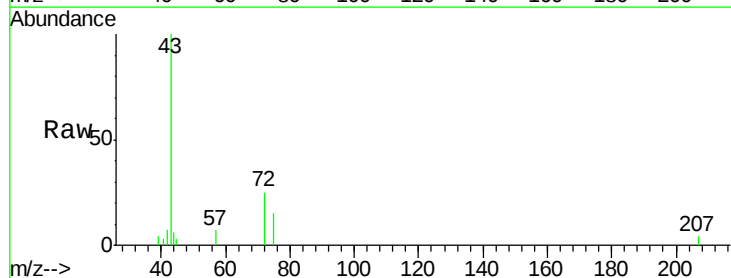
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CHASSIE-WASH

Tot Ion: 84	Resp: 6937
Ion Ratio	Lower Upper
84 100	
49 130.3	103.3 154.9
51 39.3	31.6 47.4
86 64.1	52.0 78.0



#25
2-Butanone
Concen: 11.805 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060836.D
Acq: 2 Apr 2020 20:51

Tgt Ion: 43	Resp: 17429
Ion Ratio	Lower Upper
43 100	
72 24.6	20.4 30.6

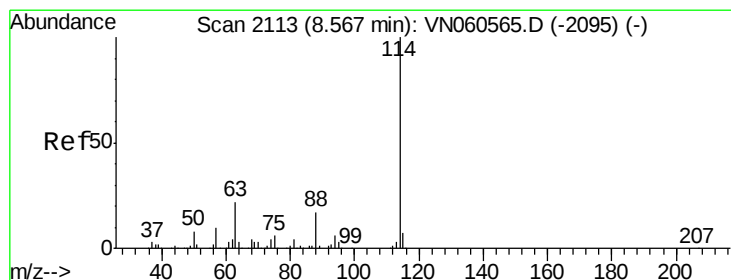
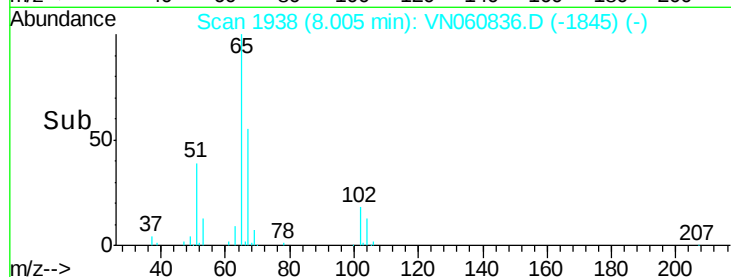
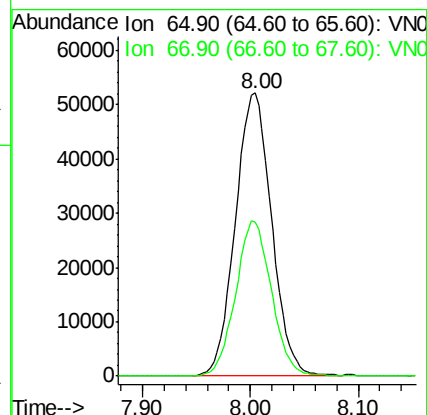
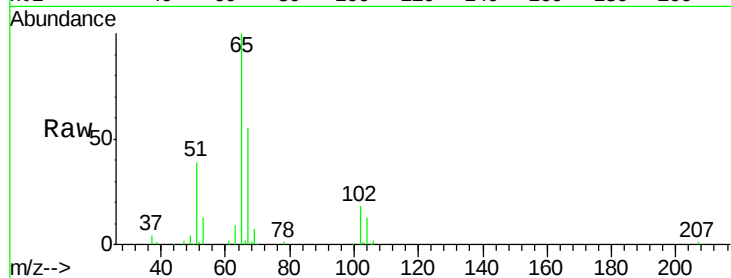




#33
 1,2-Dichloroethane-d4
 Concen: 47.519 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060836.D
 Acq: 2 Apr 2020 20:51

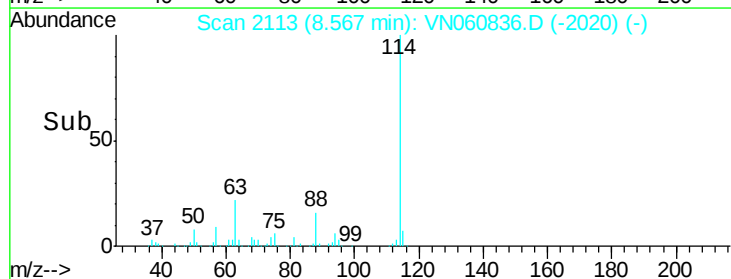
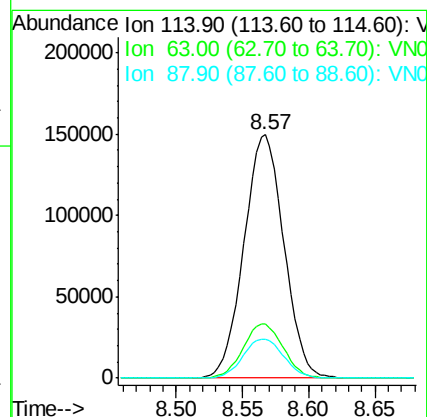
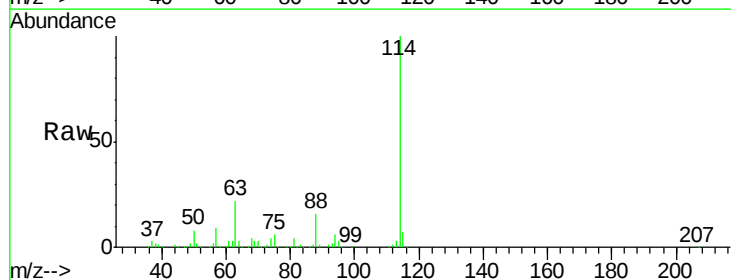
Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIE-WASH

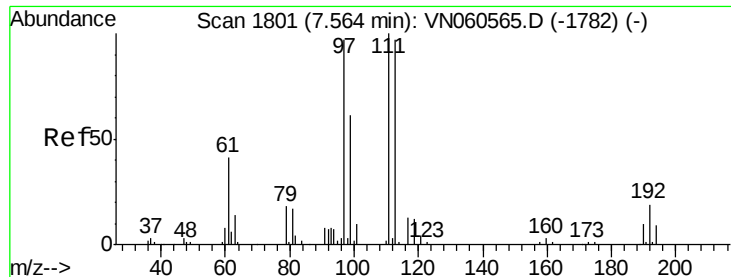
Tot Ion: 65 Resp: 122395
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060836.D
 Acq: 2 Apr 2020 20:51

Tgt Ion: 114 Resp: 313326
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.1 0.0 33.0

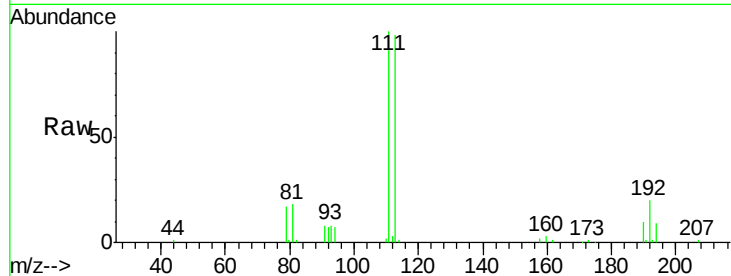




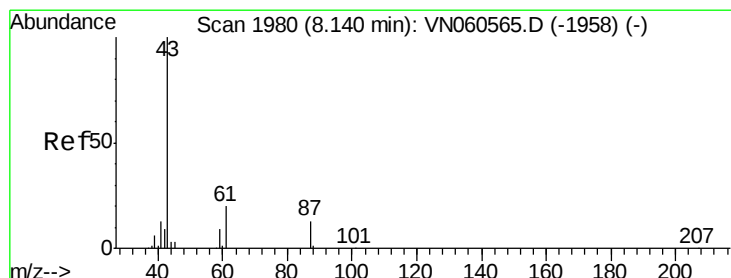
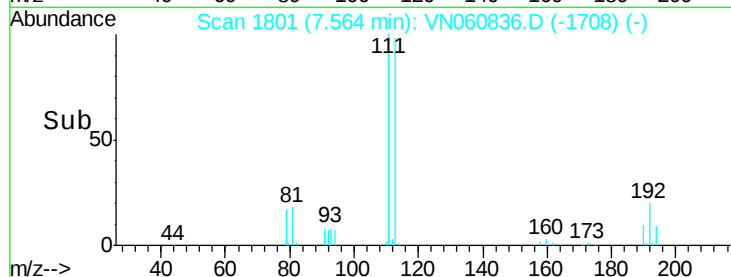
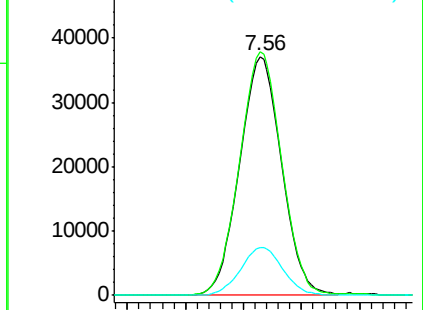
#35
 Dibromofluoromethane
 Concen: 49.436 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060836.D
 Acq: 2 Apr 2020 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIE-WASH

Tot Ion:113 Resp: 93660
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 20.2 15.8 23.8

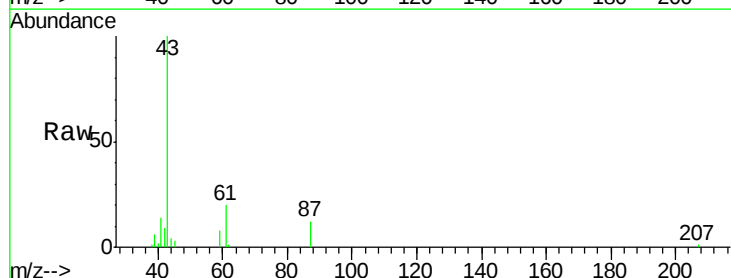


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

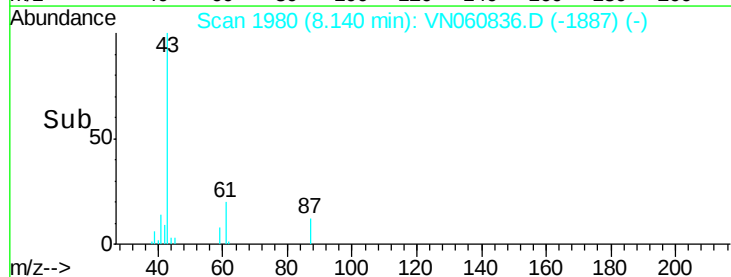
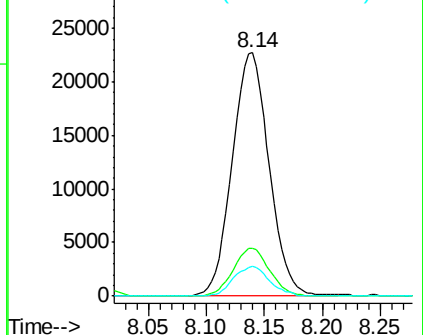


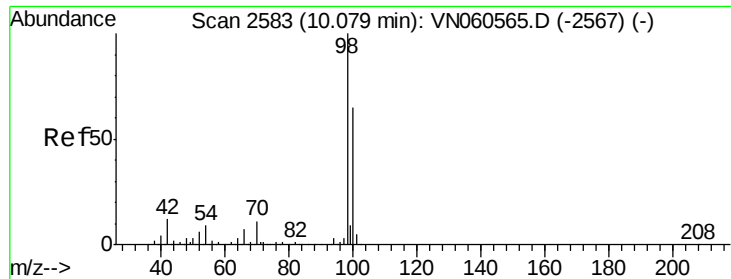
#43
 Isopropyl Acetate
 Concen: 9.275 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060836.D
 Acq: 2 Apr 2020 20:51

Tgt Ion: 43 Resp: 50143
 Ion Ratio Lower Upper
 43 100
 61 19.3 20.7 31.1#
 87 11.8 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

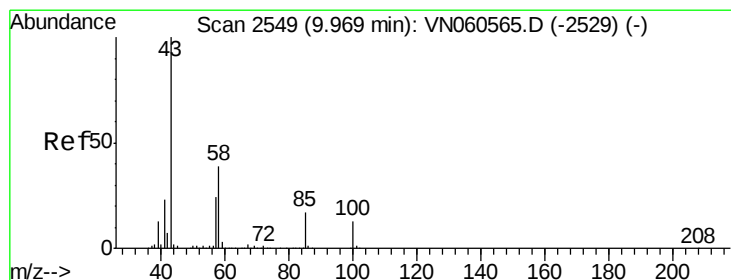
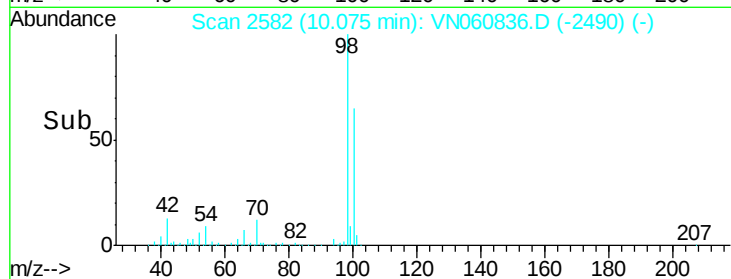
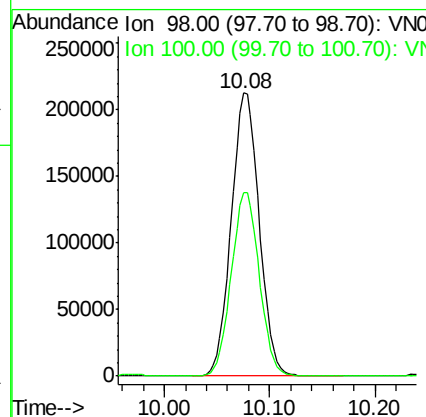
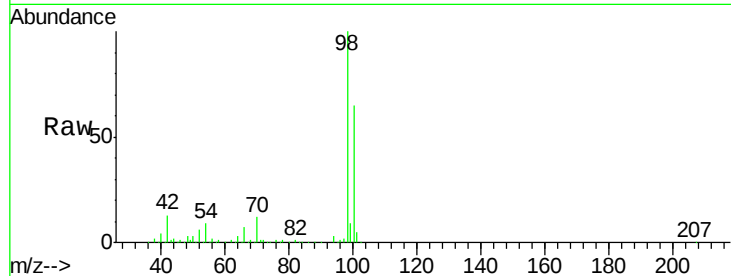




#50
Toluene-d8
Concen: 50.348 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060836.D
Acq: 2 Apr 2020 20:51

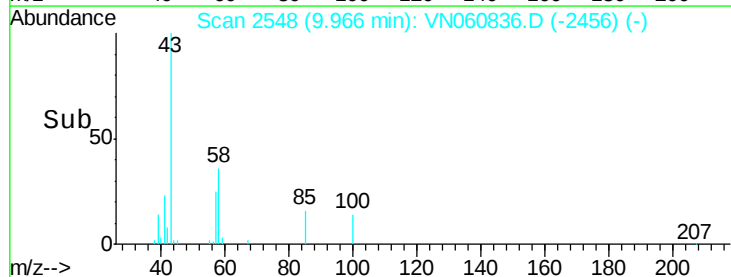
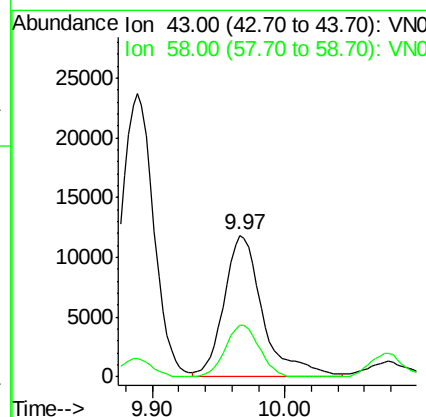
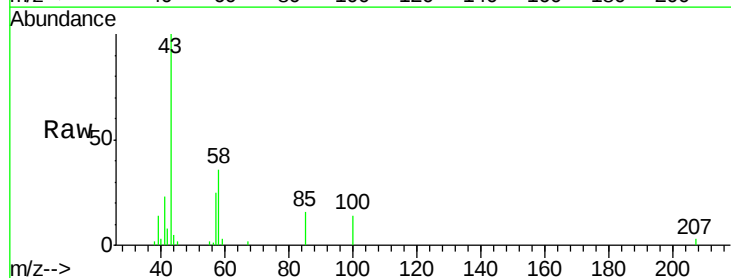
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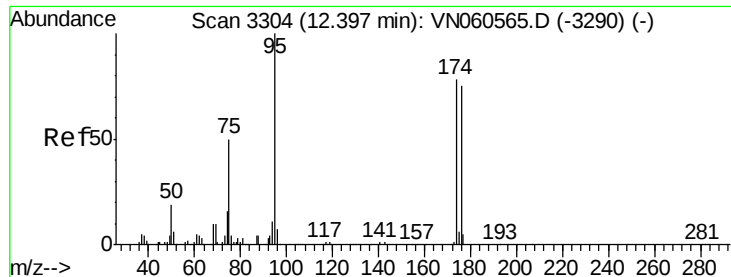
Tot Ion: 98 Resp: 389626
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 7.884 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060836.D
Acq: 2 Apr 2020 20:51

Tgt Ion: 43 Resp: 24256
Ion Ratio Lower Upper
43 100
58 31.9 30.8 46.2





#62

4-Bromofluorobenzene

Concen: 51.914 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060836.D

Acq: 2 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

CHASSIE-WASH

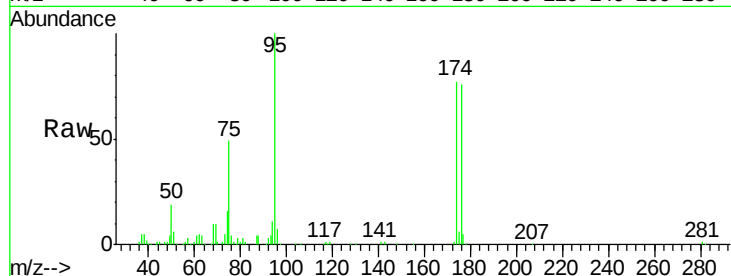
Tot Ion: 95 Resp: 147232

Ion Ratio Lower Upper

95 100

174 77.3 0.0 157.6

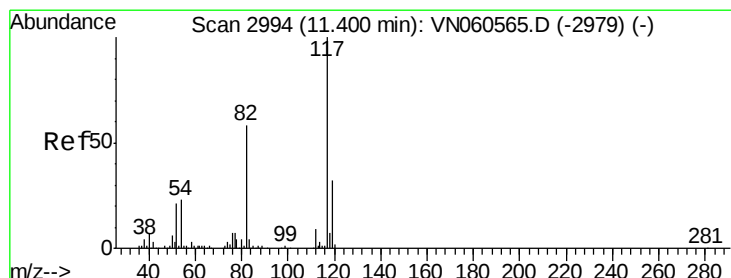
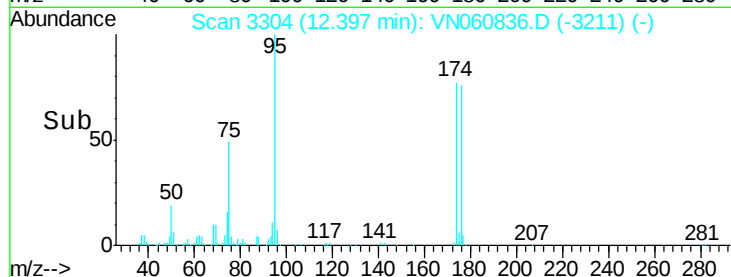
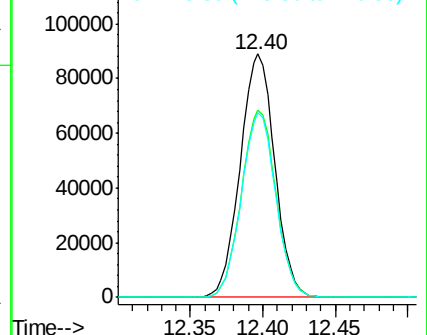
176 75.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060836.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060836.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060836.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060836.D

Acq: 2 Apr 2020 20:51

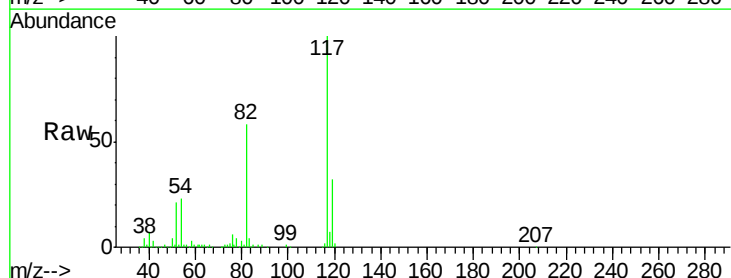
Tgt Ion: 117 Resp: 295501

Ion Ratio Lower Upper

117 100

82 57.6 46.7 70.1

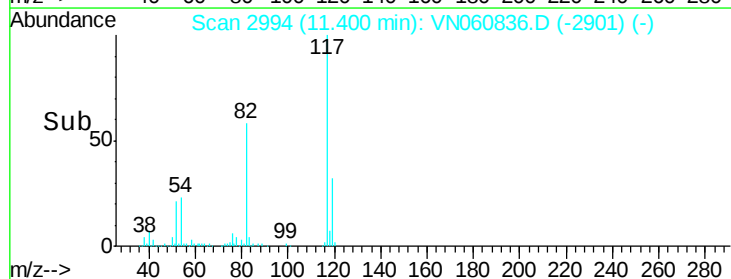
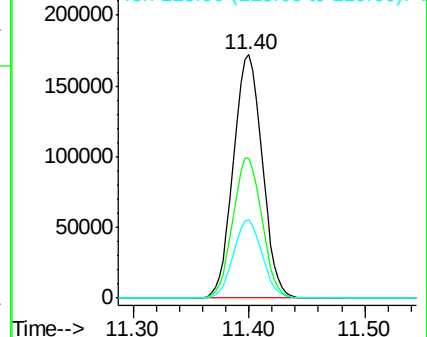
119 32.0 25.5 38.3

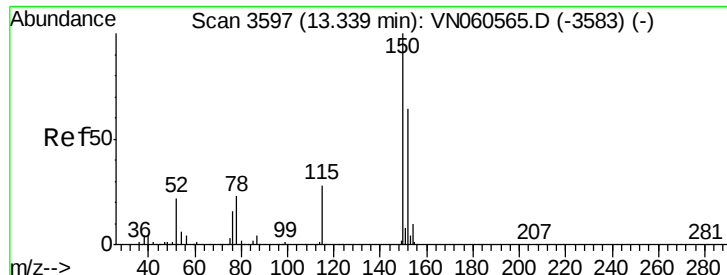


Abundance Ion 116.90 (116.60 to 117.60): VN060836.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060836.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060836.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060836.D

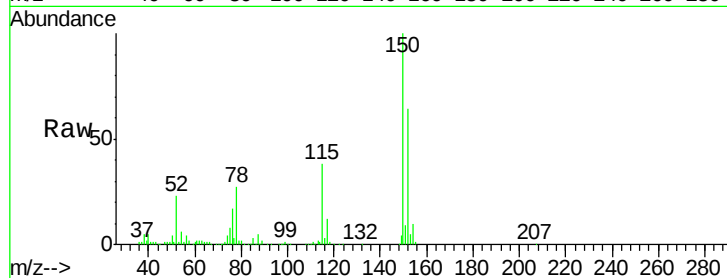
Acq: 2 Apr 2020 20:51

Instrument :

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ClientSampleId :

CHASSIE-WASH



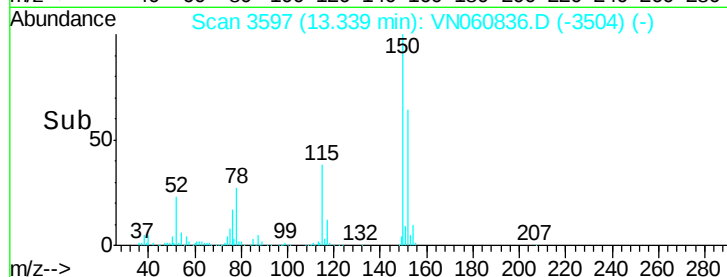
Tot Ion:152 Resp: 139088

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 156.5 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

