

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060834.D
 Acq On : 2 Apr 2020 20:05
 Operator : JC/MD
 Sample : L2104-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 03 09:28:04 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

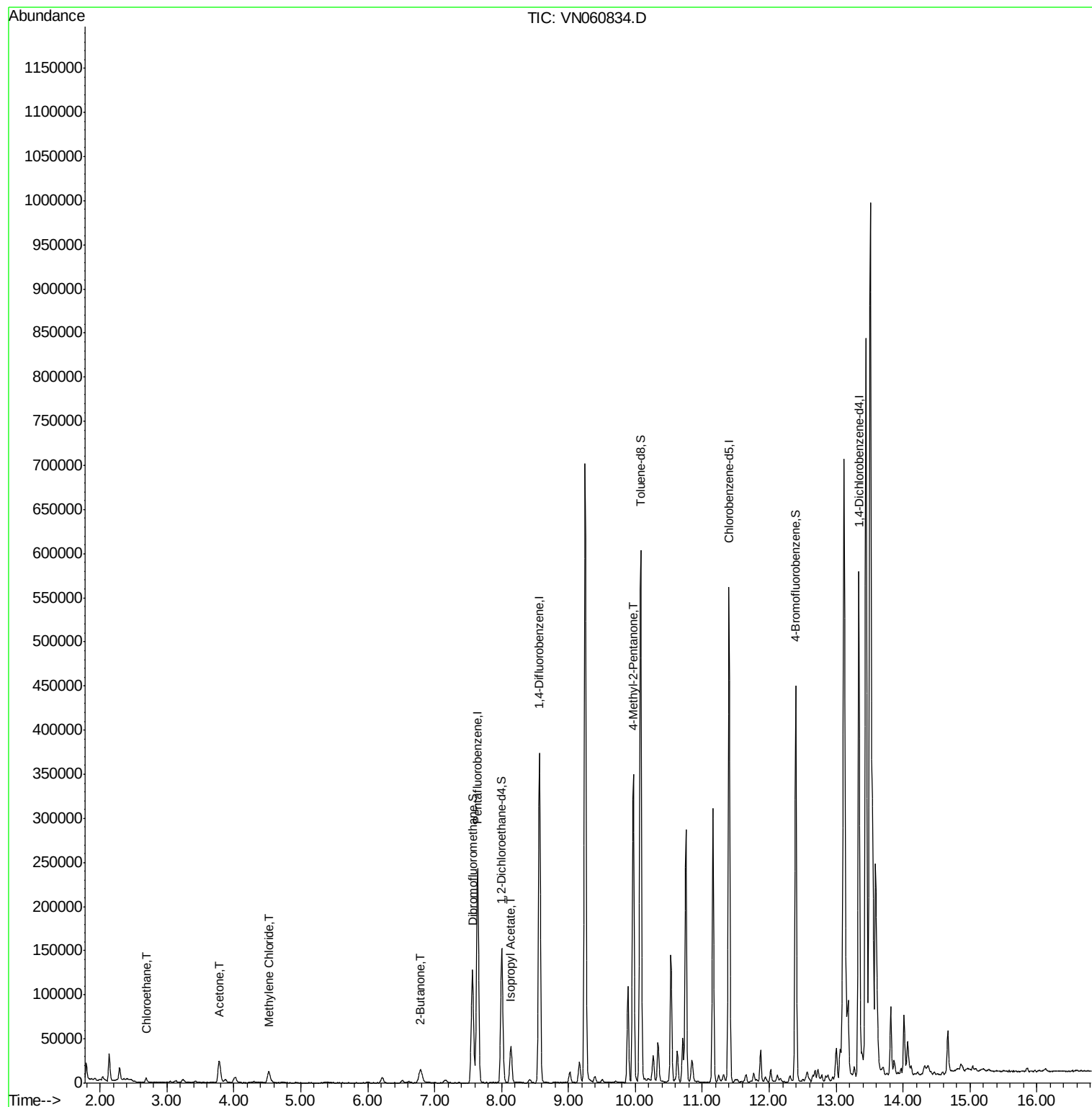
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	310928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127176	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	7.56	113	97380	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	10.08	98	408258	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	155111	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
Target Compounds						
6) Chloroethane	2.69	64	5326	3.329	ug/l	98
16) Acetone	3.78	43	43440	45.467	ug/l	97
20) Methylene Chloride	4.53	84	9697	4.126	ug/l	98
25) 2-Butanone	6.80	43	20990	13.577	ug/l	98
43) Isopropyl Acetate	8.14	43	49790	8.846	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	243621	76.065	ug/l	99

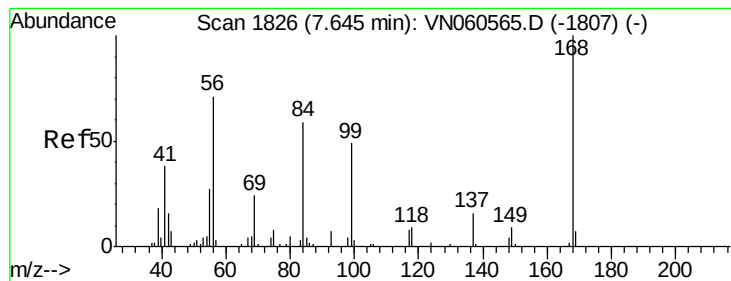
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060834.D

Acq: 2 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampleId :

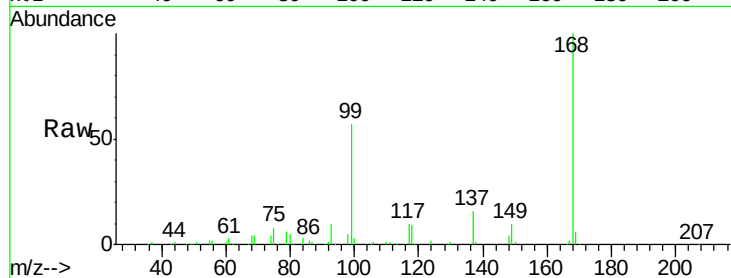
BUS-WASH

Tot Ion:168 Resp: 196483

Ion Ratio Lower Upper

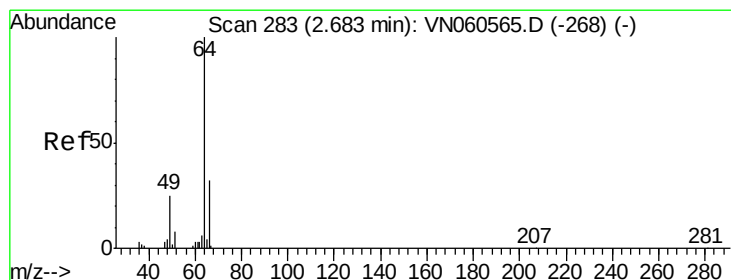
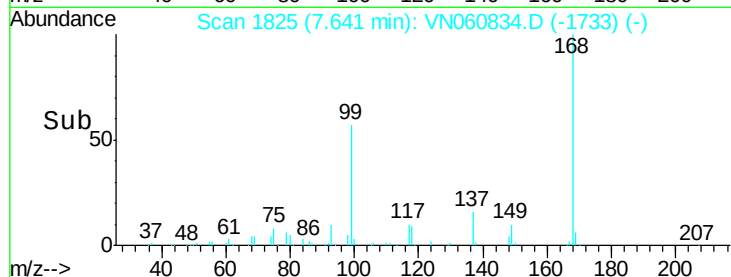
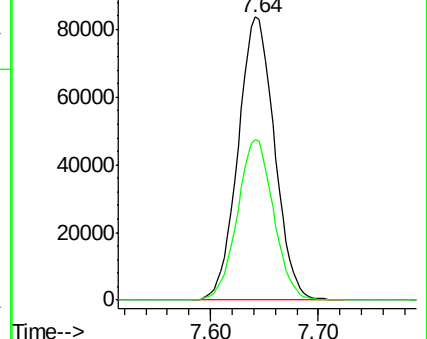
168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#6

Chloroethane

Concen: 3.329 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060834.D

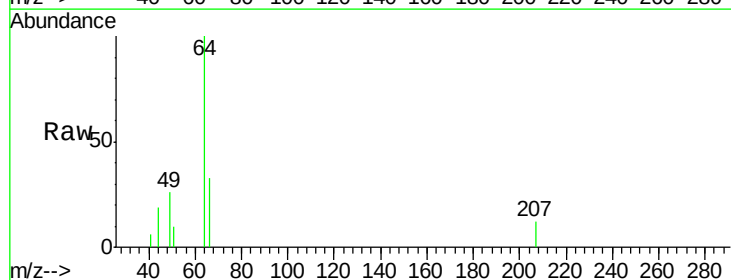
Acq: 2 Apr 2020 20:05

Tgt Ion: 64 Resp: 5326

Ion Ratio Lower Upper

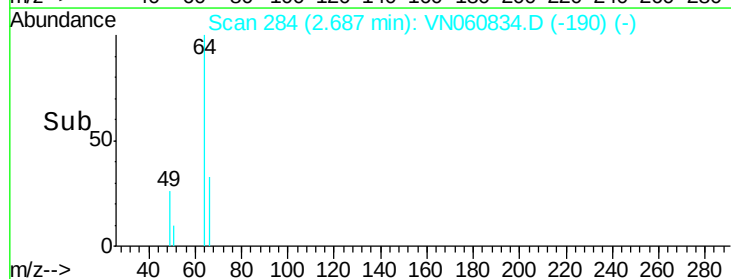
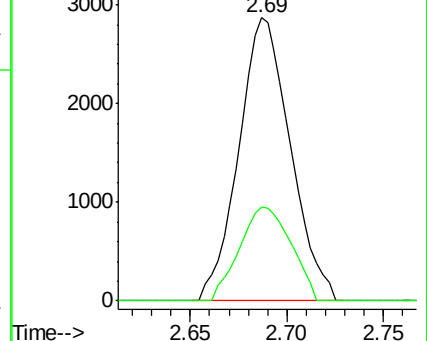
64 100

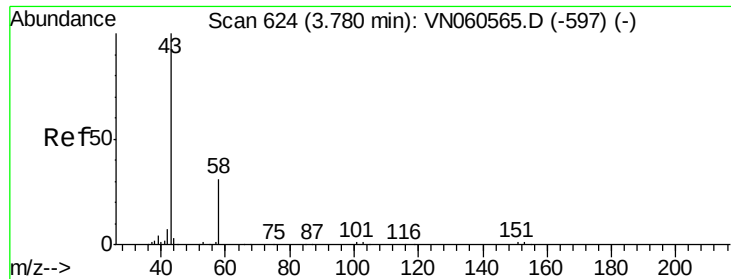
66 33.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN

Ion 65.90 (65.60 to 66.60): VN





#16

Acetone

Concen: 45.467 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060834.D

Acq: 2 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampleId :

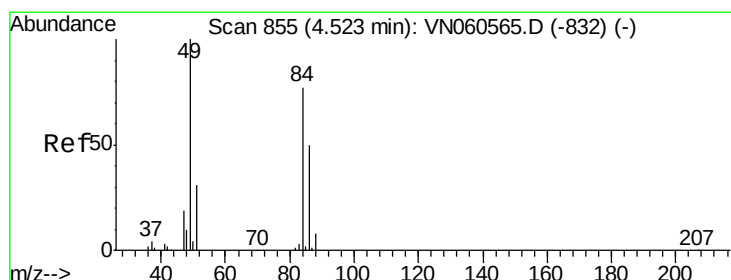
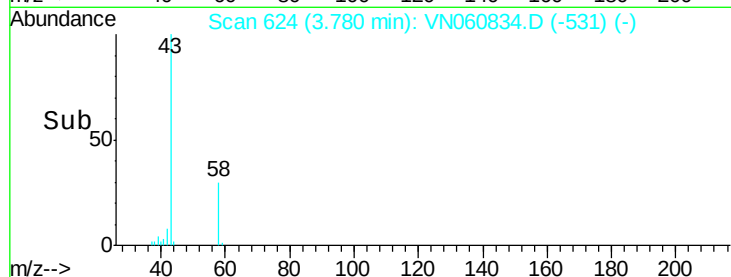
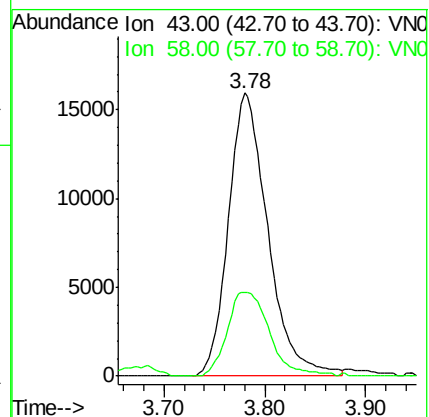
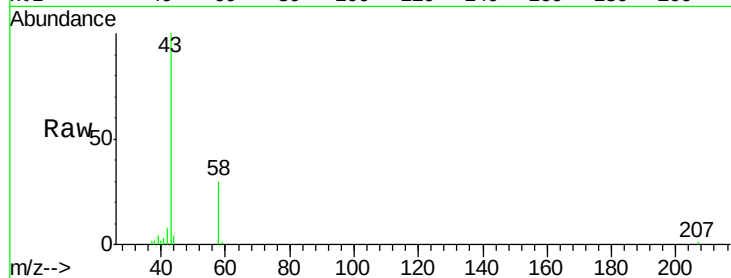
BUS-WASH

Tot Ion: 43 Resp: 43440

Ion Ratio Lower Upper

43 100

58 29.6 25.1 37.7



#20

Methylene Chloride

Concen: 4.126 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060834.D

Acq: 2 Apr 2020 20:05

Tgt Ion: 84 Resp: 9697

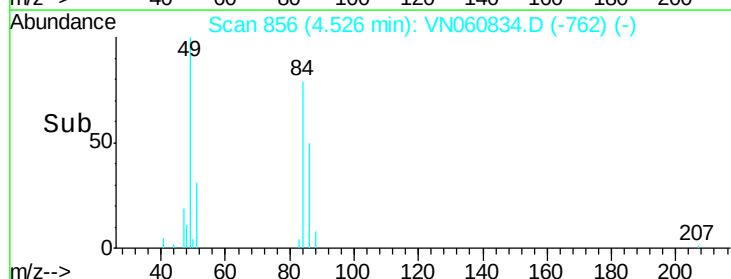
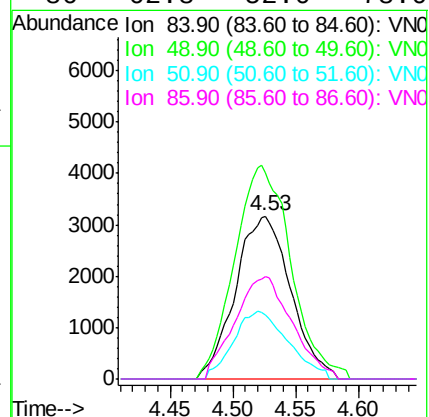
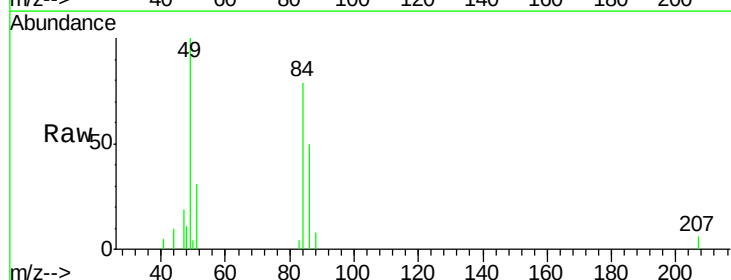
Ion Ratio Lower Upper

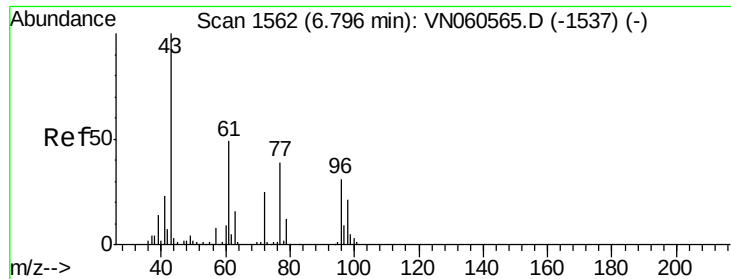
84 100

49 126.5 103.3 154.9

51 39.5 31.6 47.4

86 62.8 52.0 78.0

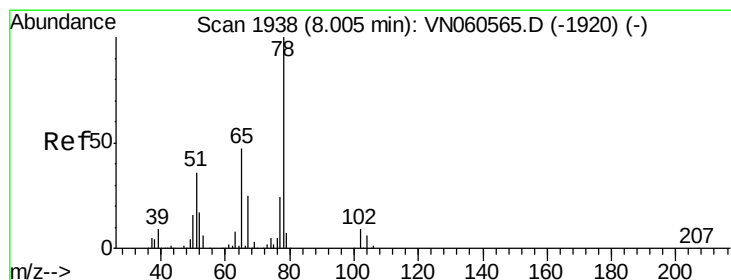
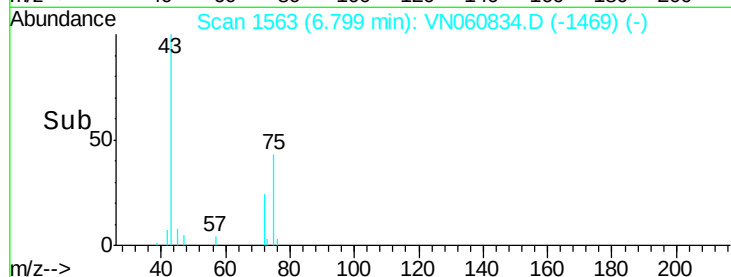
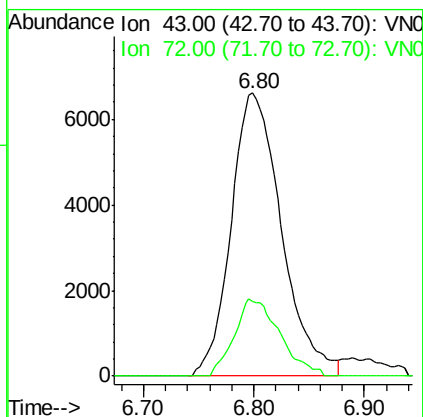
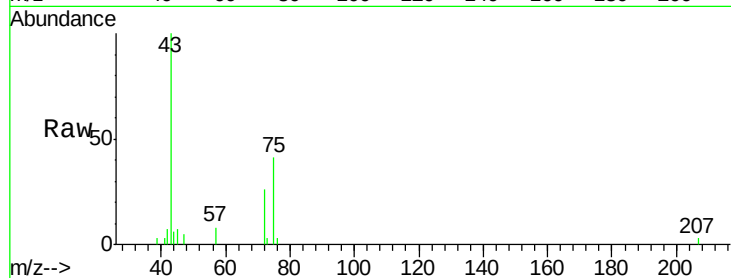




#25
2-Butanone
Concen: 13.577 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060834.D
Acq: 2 Apr 2020 20:05

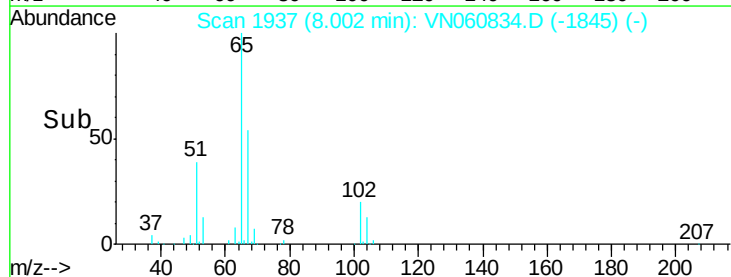
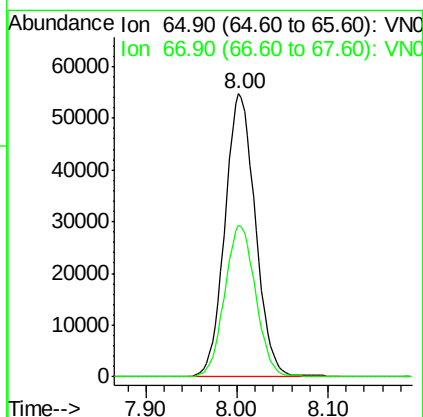
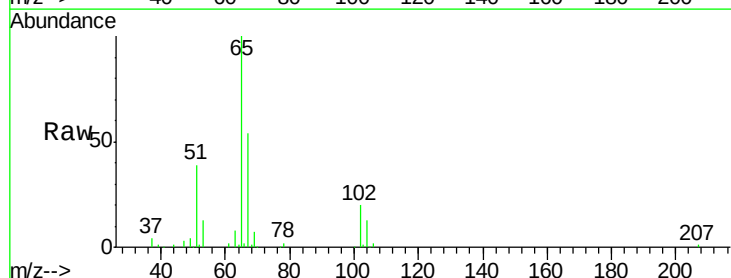
Instrument :
MSVOA_N
ClientSampled :
BUS-WASH

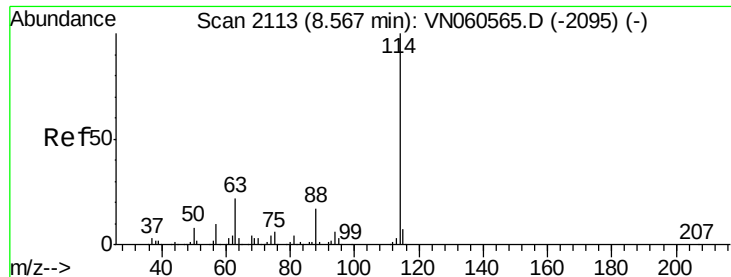
Tot Ion: 43 Resp: 20990
Ion Ratio Lower Upper
43 100
72 26.3 20.4 30.6



#33
1,2-Dichloroethane-d4
Concen: 47.150 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060834.D
Acq: 2 Apr 2020 20:05

Tgt Ion: 65 Resp: 127176
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.6

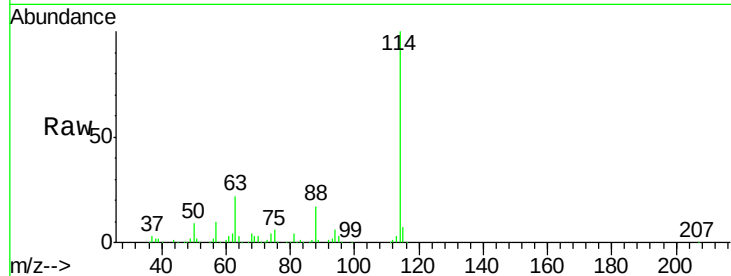




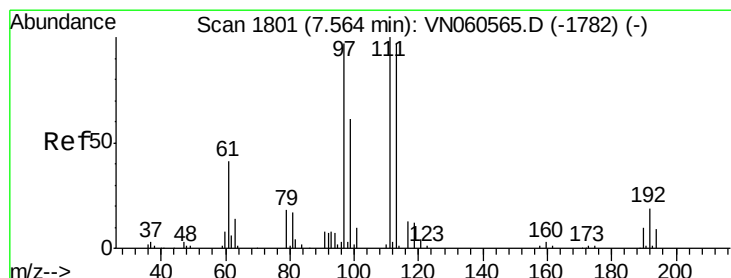
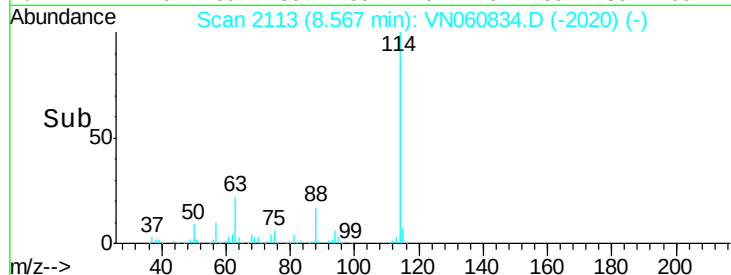
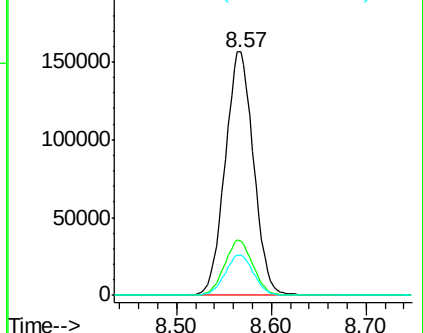
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060834.D
 Acq: 2 Apr 2020 20:05

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.8
88	16.6	0.0	33.0

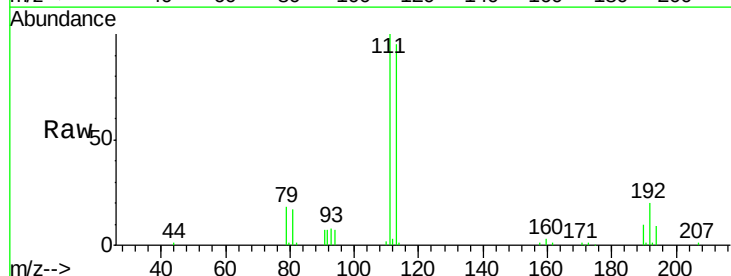


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

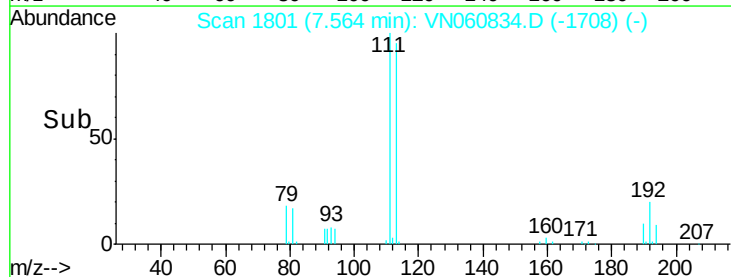
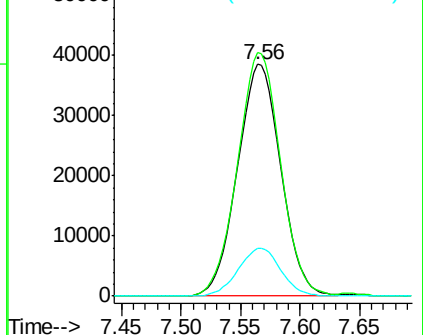


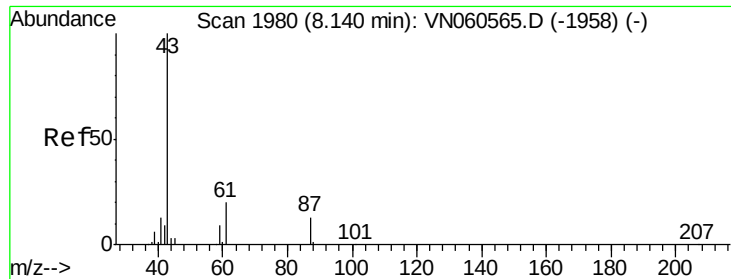
#35
 Dibromofluoromethane
 Concen: 49.373 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060834.D
 Acq: 2 Apr 2020 20:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	20.0	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: 8.846 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060834.D

Acq: 2 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH

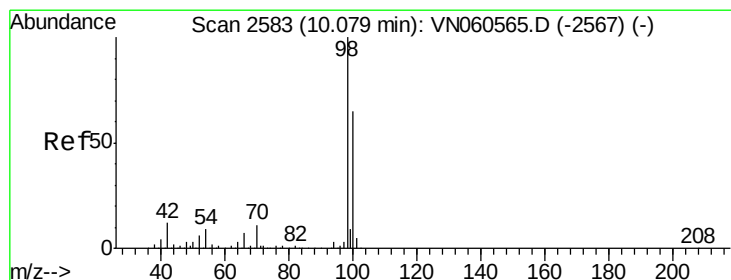
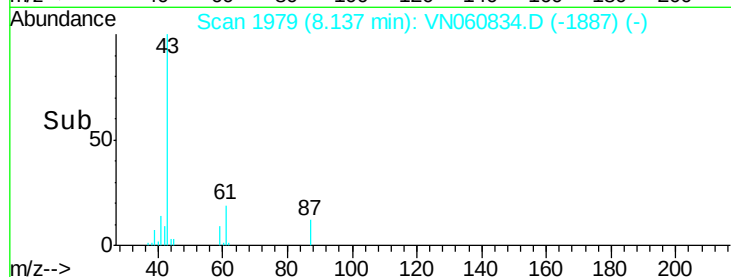
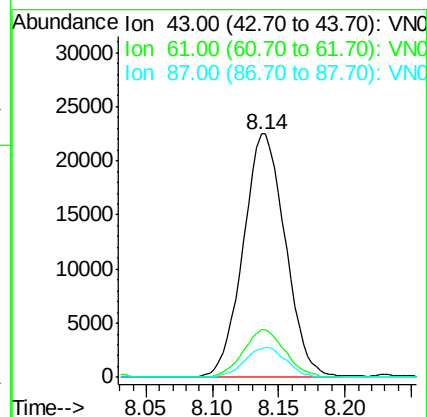
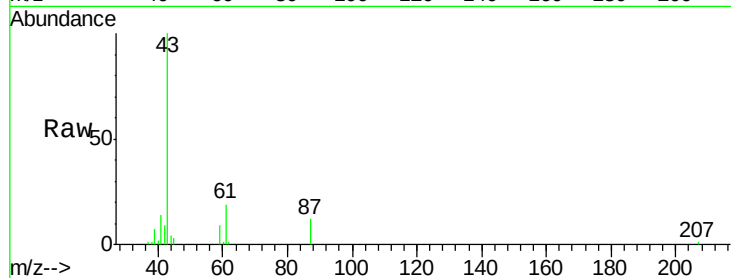
Tot Ion: 43 Resp: 49790

Ion Ratio Lower Upper

43 100

61 19.4 20.7 31.1#

87 12.0 9.8 14.8



#50

Toluene-d8

Concen: 50.676 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060834.D

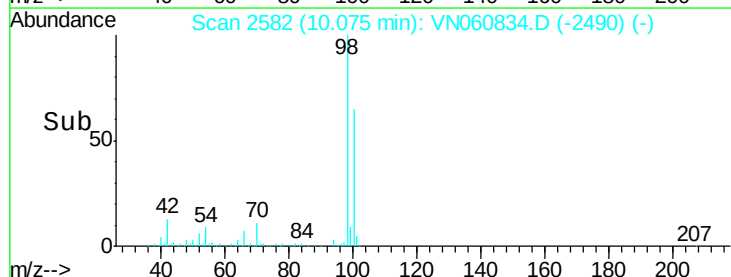
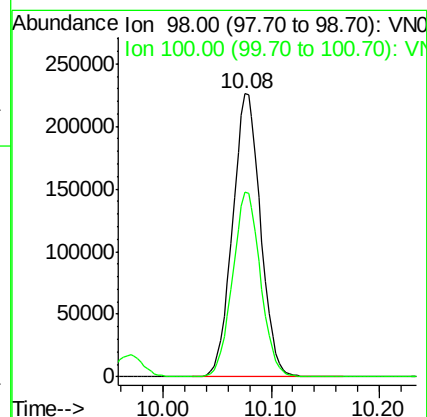
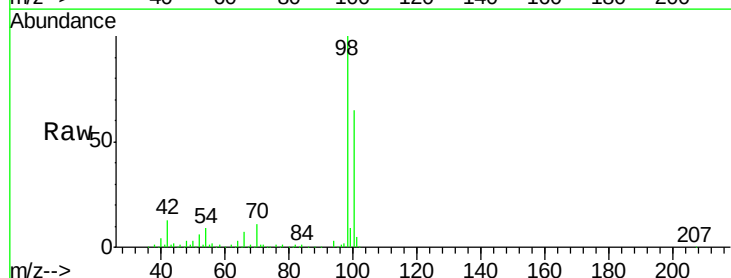
Acq: 2 Apr 2020 20:05

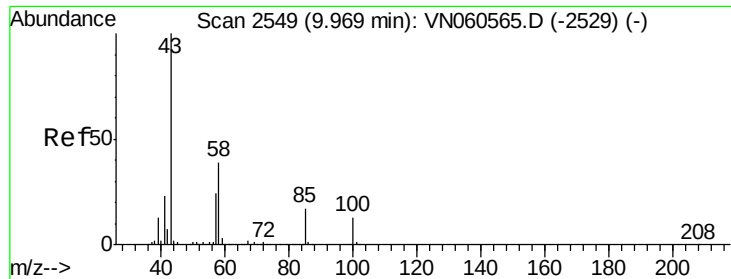
Tgt Ion: 98 Resp: 408258

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 76.065 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060834.D

Acq: 2 Apr 2020 20:05

Instrument :

MSVOA_N

ClientSampled :

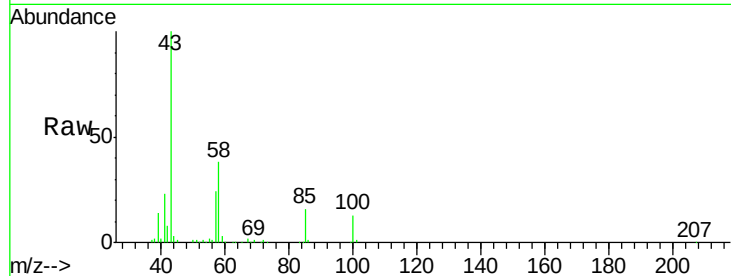
BUS-WASH

Tot Ion: 43 Resp: 243621

Ion Ratio Lower Upper

43 100

58 37.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060834.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060834.D (-2456) (-)

9.97

150000

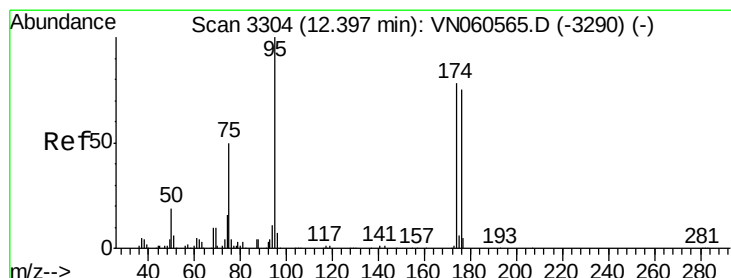
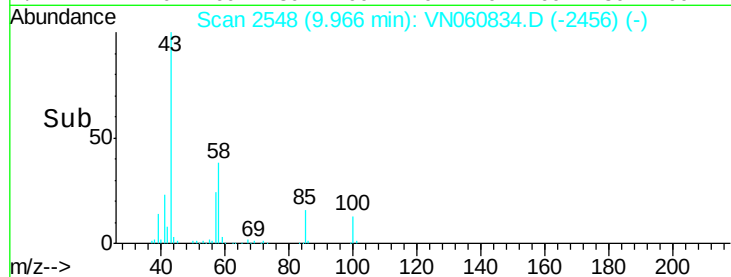
100000

50000

0

9.90 9.95 10.00

Time-->



#62

4-Bromofluorobenzene

Concen: 52.536 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060834.D

Acq: 2 Apr 2020 20:05

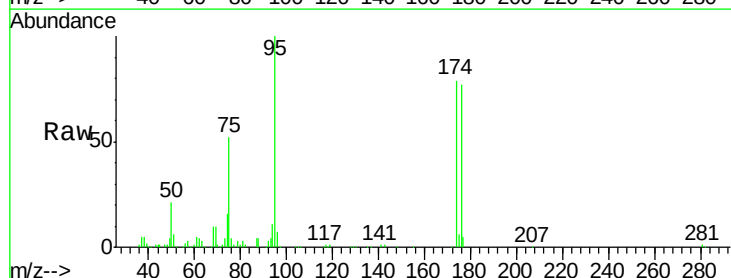
Tgt Ion: 95 Resp: 155111

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.6

176 75.8 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060834.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060834.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060834.D (-3211) (-)

12.40

120000

100000

80000

60000

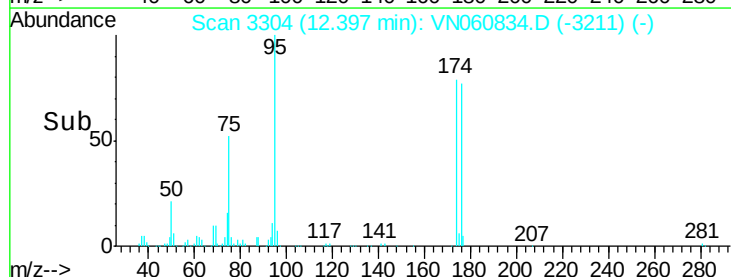
40000

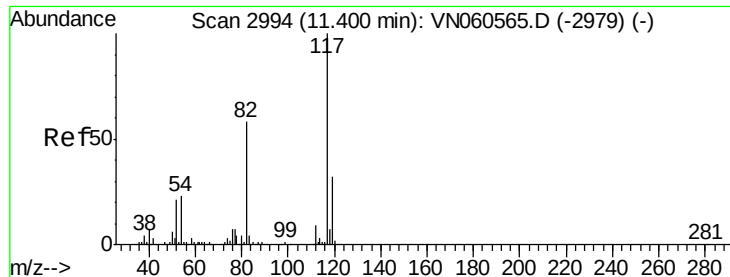
20000

0

12.30 12.35 12.40 12.45

Time-->

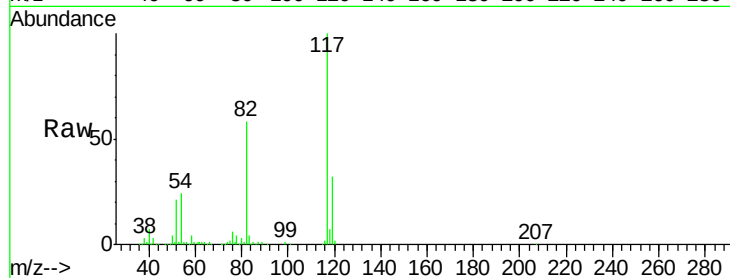




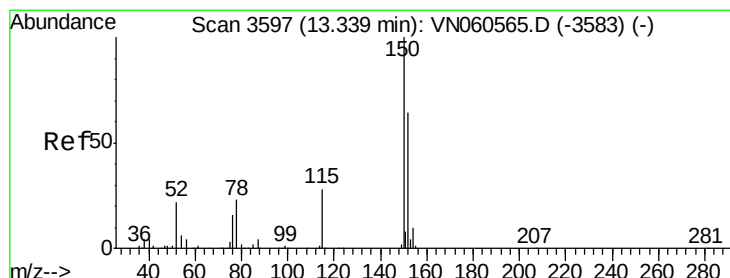
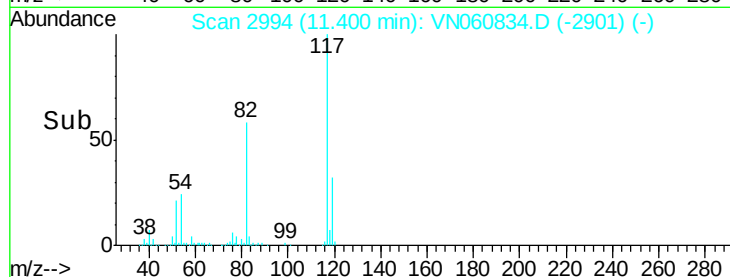
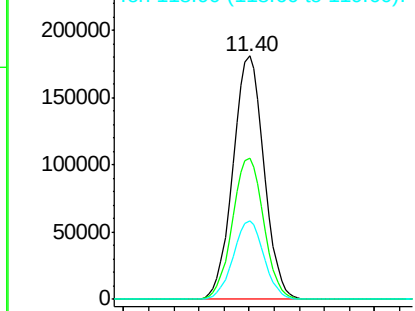
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060834.D
Acq: 2 Apr 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH

Tot Ion:117 Resp: 310928
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 32.2 25.5 38.3

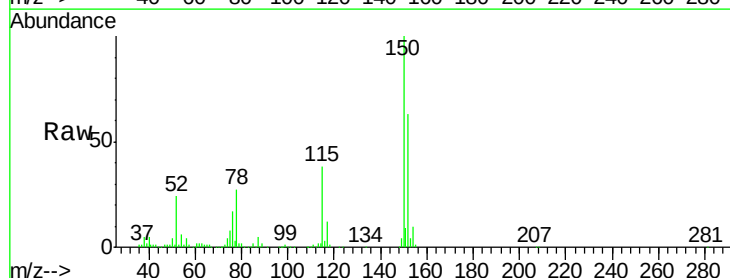


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060834.D
Acq: 2 Apr 2020 20:05

Tgt Ion:152 Resp: 149366
Ion Ratio Lower Upper
152 100
115 59.8 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

