

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060829.D
 Acq On : 2 Apr 2020 18:12
 Operator : JC/MD
 Sample : L2101-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 239-WC-S-SB-01

Quant Time: Apr 03 09:16:02 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

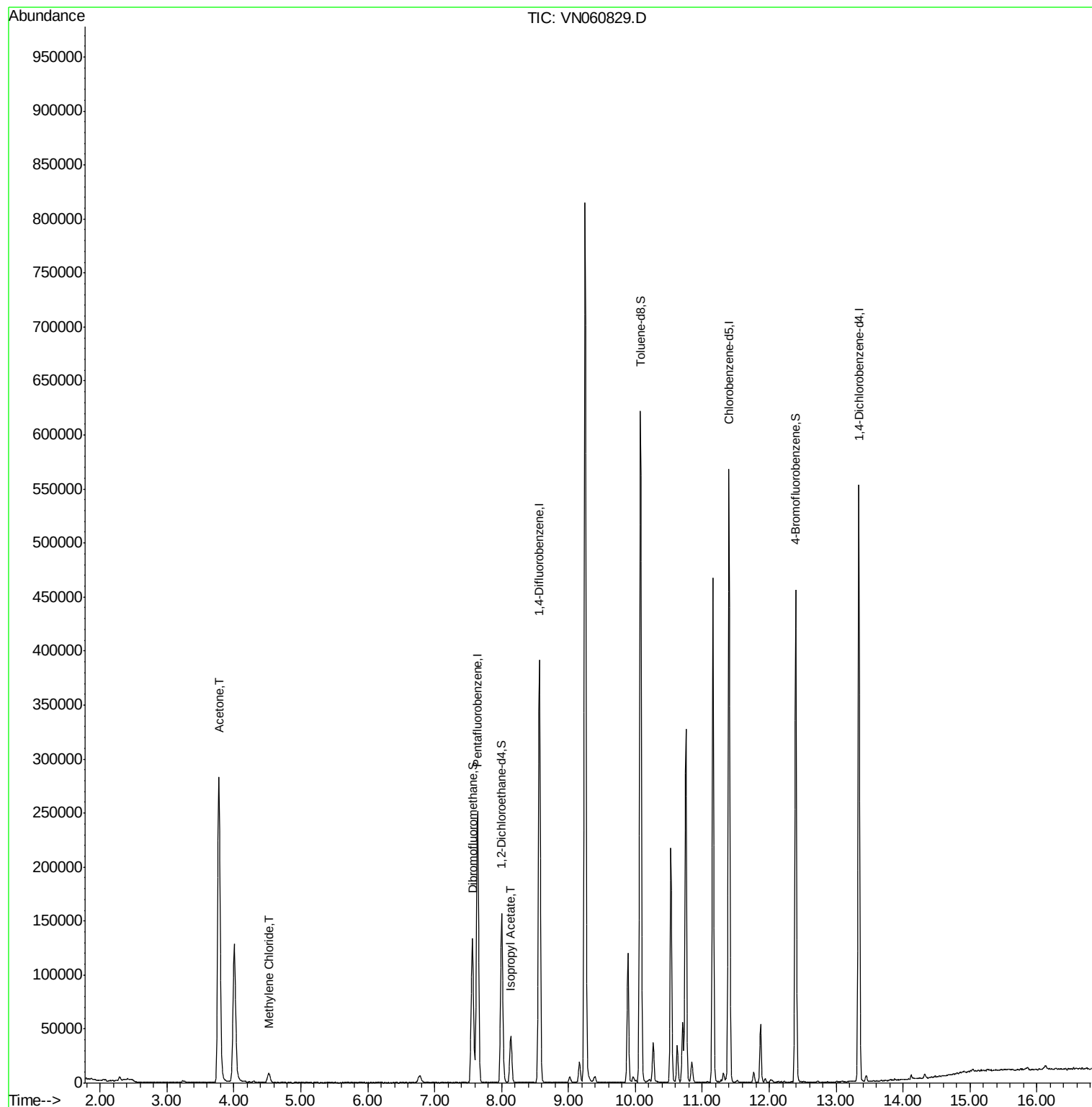
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	343219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	323916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133863	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	7.56	113	102431	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.08	98	426219	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	157284	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
Target Compounds						
16) Acetone	3.78	43	479959	478.411	ug/l	100
20) Methylene Chloride	4.52	84	6900	2.796	ug/l	98
43) Isopropyl Acetate	8.14	43	52591	8.880	ug/l #	91

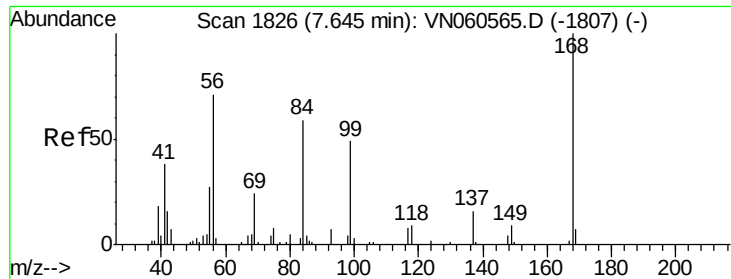
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060829.D

Acq: 2 Apr 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

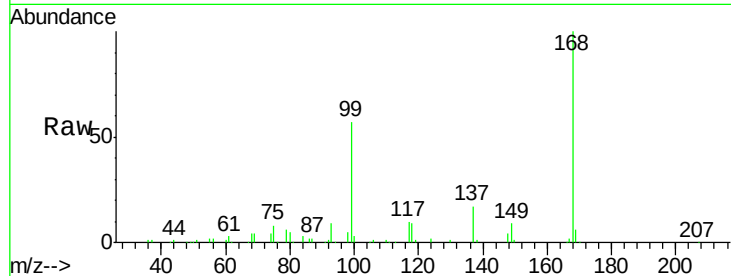
239-WC-S-SB-01

Tot Ion:168 Resp: 206315

Ion Ratio Lower Upper

168 100

99 57.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

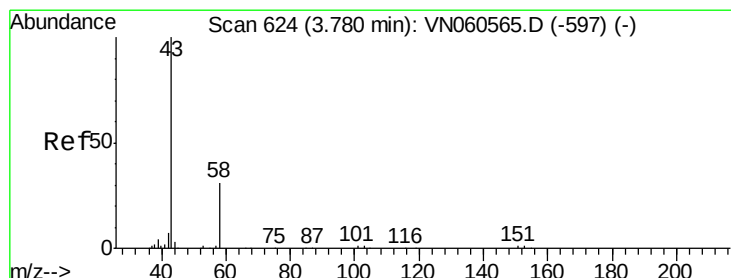
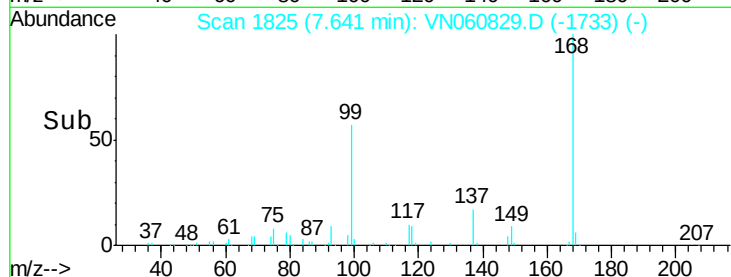
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 478.411 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060829.D

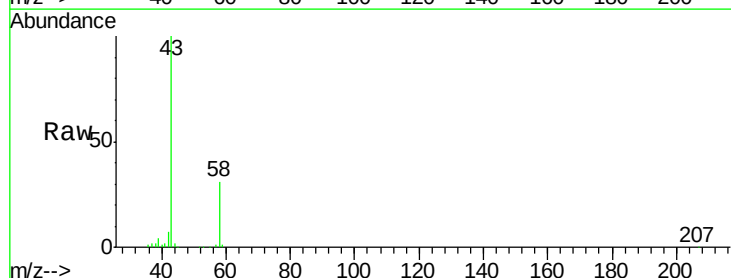
Acq: 2 Apr 2020 18:12

Tgt Ion: 43 Resp: 479959

Ion Ratio Lower Upper

43 100

58 31.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

200000

150000

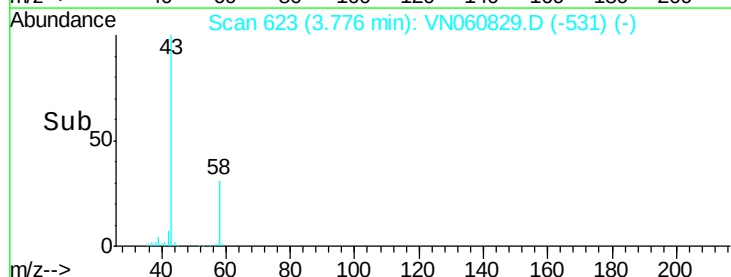
100000

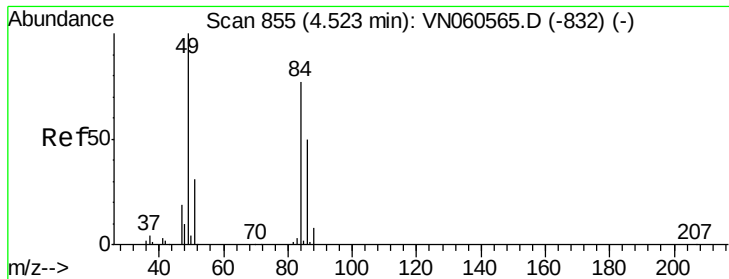
50000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 2.796 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060829.D

Acq: 2 Apr 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-01

Tot Ion: 84 Resp: 6900

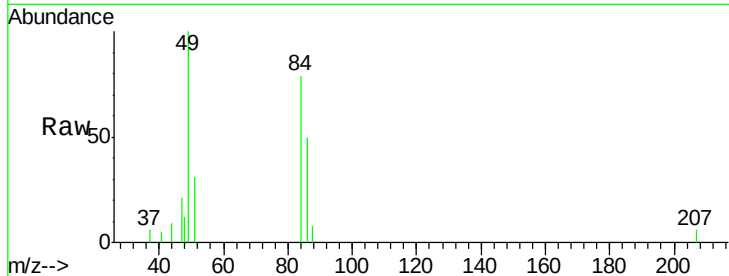
Ion Ratio Lower Upper

84 100

49 125.9 103.3 154.9

51 39.6 31.6 47.4

86 62.5 52.0 78.0

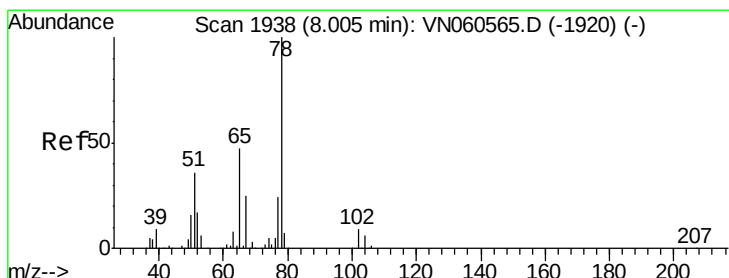
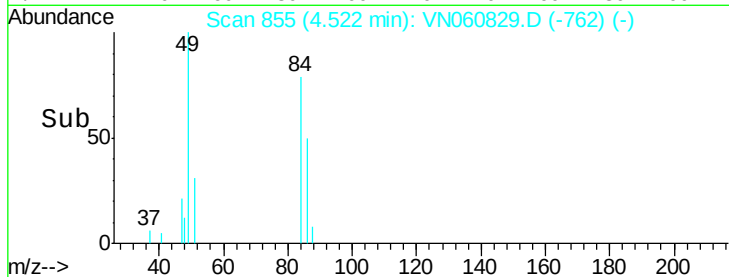
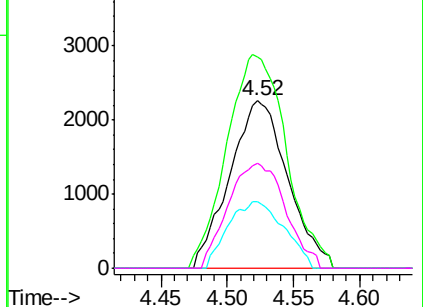


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.264 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060829.D

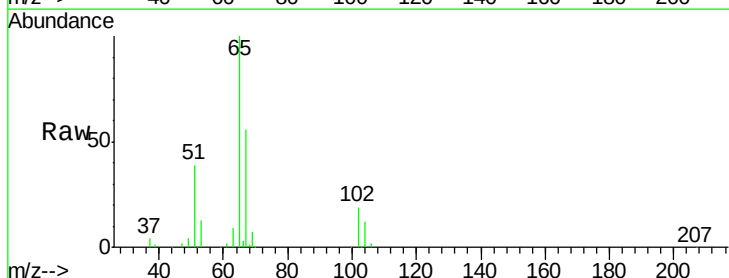
Acq: 2 Apr 2020 18:12

Tgt Ion: 65 Resp: 133863

Ion Ratio Lower Upper

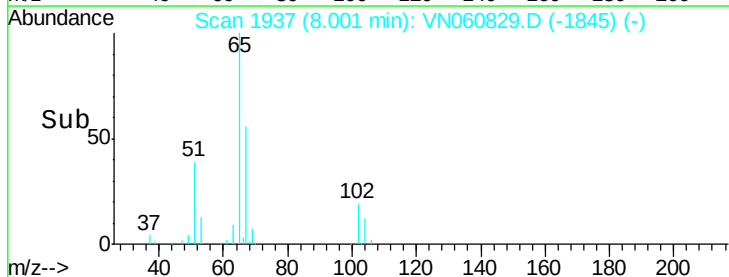
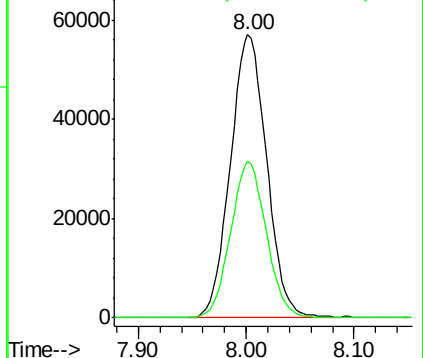
65 100

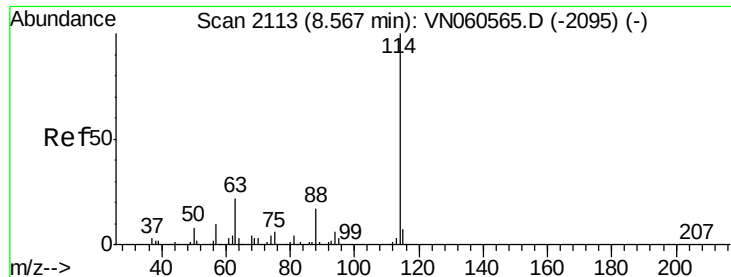
67 54.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060829.D

Acq: 2 Apr 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-01

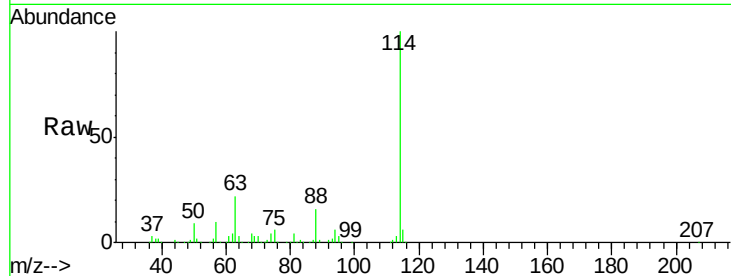
Tot Ion:114 Resp: 343219

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

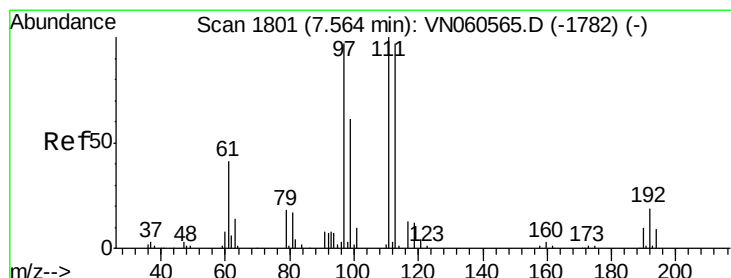
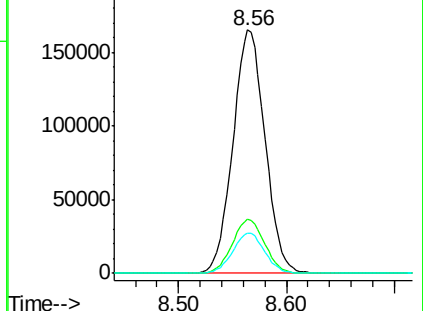
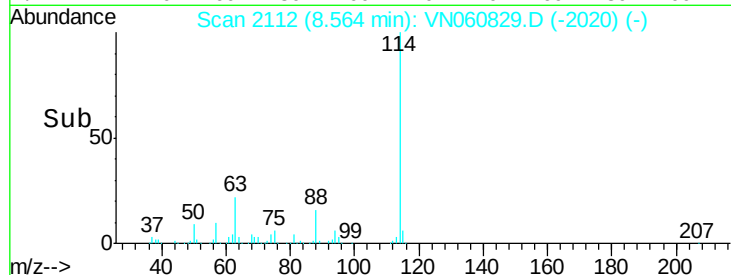
88 16.5 0.0 33.0



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: 49.356 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060829.D

Acq: 2 Apr 2020 18:12

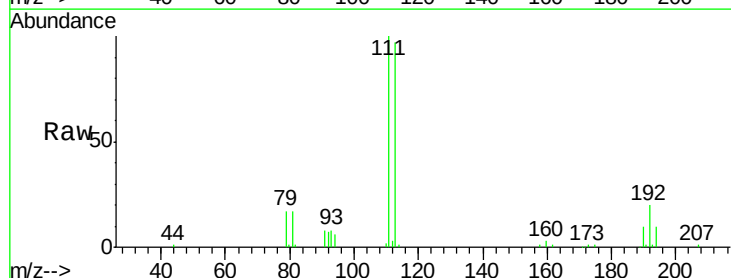
Tgt Ion:113 Resp: 102431

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

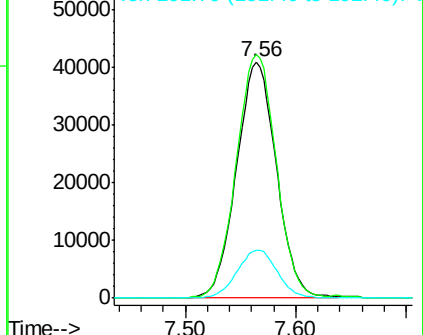
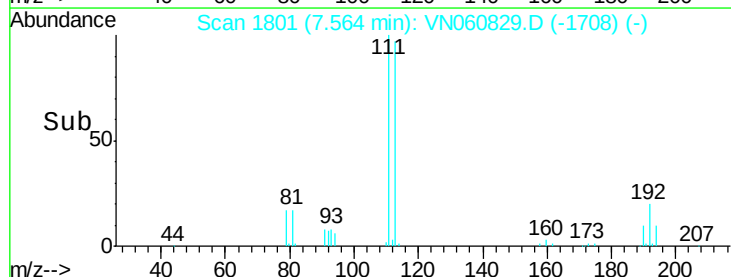
192 20.4 15.8 23.8

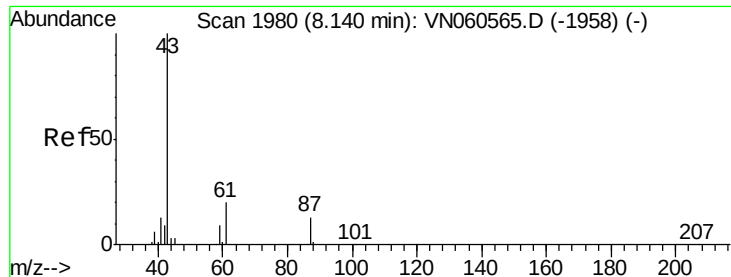


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.880 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060829.D

Acq: 2 Apr 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-01

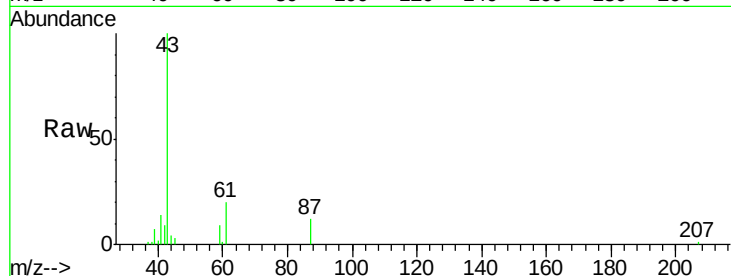
Tot Ion: 43 Resp: 52591

Ion Ratio Lower Upper

43 100

61 19.3 20.7 31.1#

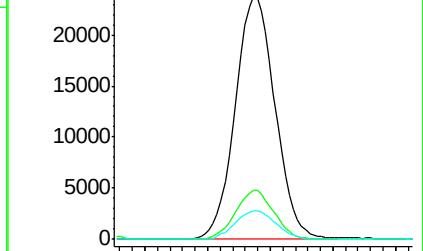
87 11.9 9.8 14.8



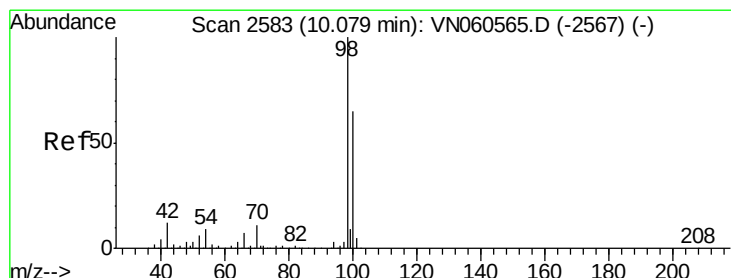
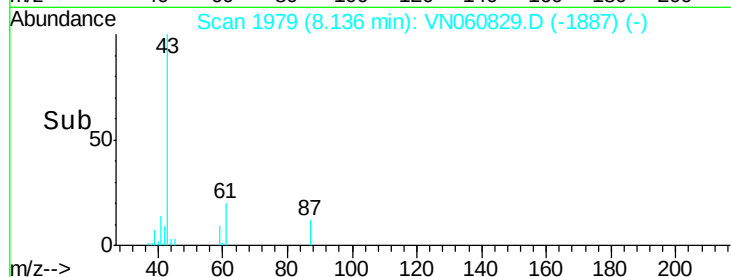
Abundance Ion 43.00 (42.70 to 43.70): VN060829.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060829.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060829.D (-1958) (-)



Time-->



#50

Toluene-d8

Concen: 50.280 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060829.D

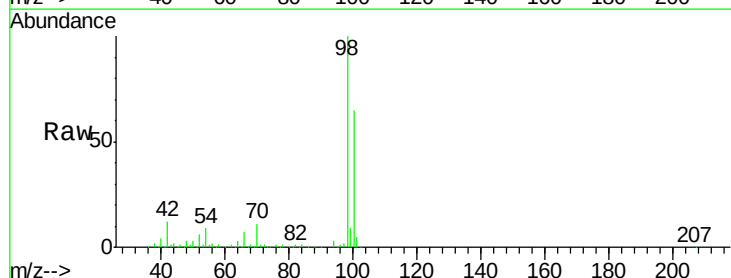
Acq: 2 Apr 2020 18:12

Tgt Ion: 98 Resp: 426219

Ion Ratio Lower Upper

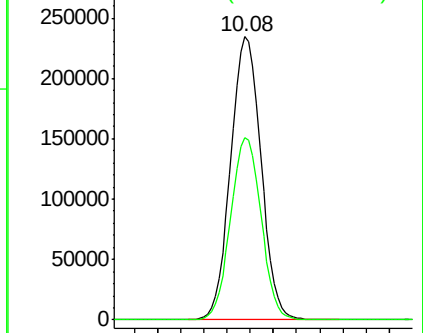
98 100

100 64.7 51.8 77.8

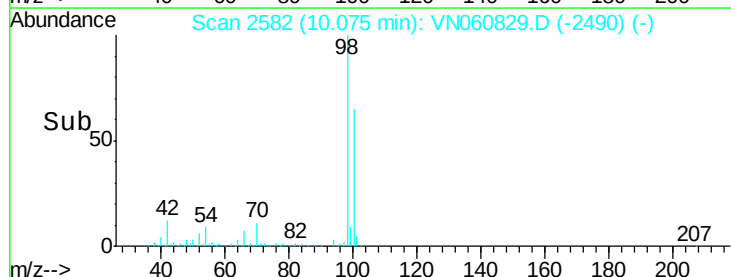


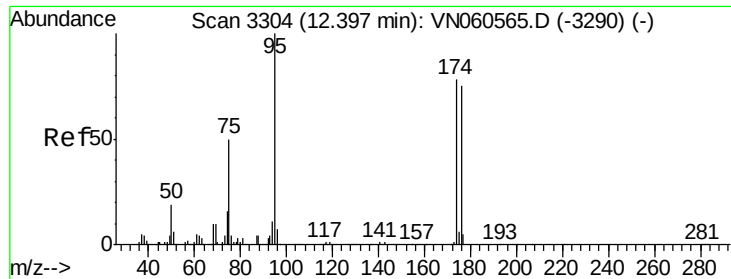
Abundance Ion 98.00 (97.70 to 98.70): VN060829.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060829.D (-2567) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 50.628 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060829.D

Acq: 2 Apr 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-01

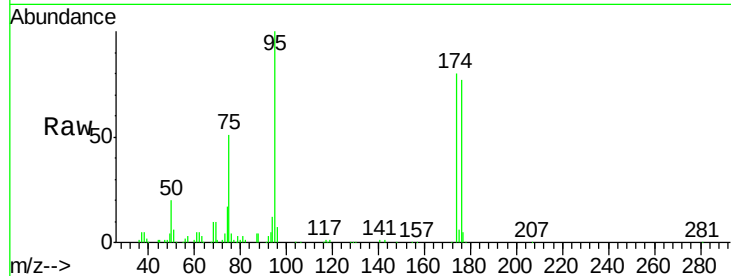
Tot Ion: 95 Resp: 157284

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

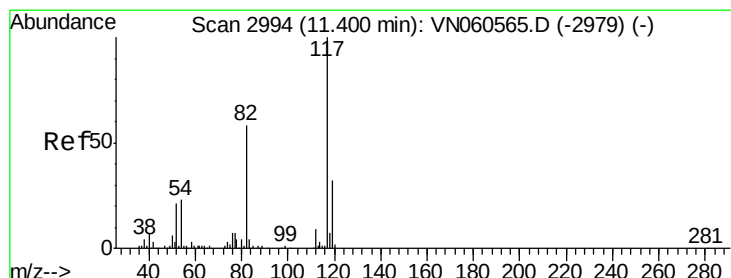
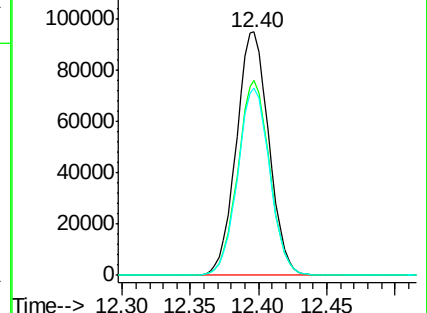
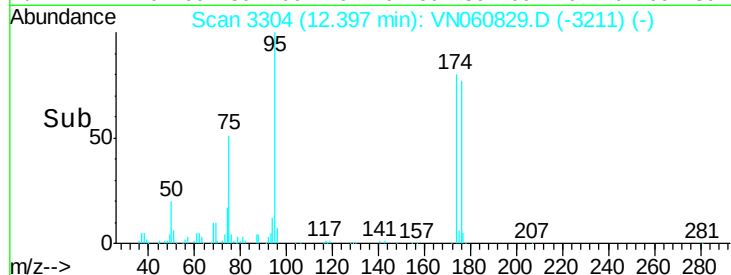
176 76.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060829.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060829.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060829.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060829.D

Acq: 2 Apr 2020 18:12

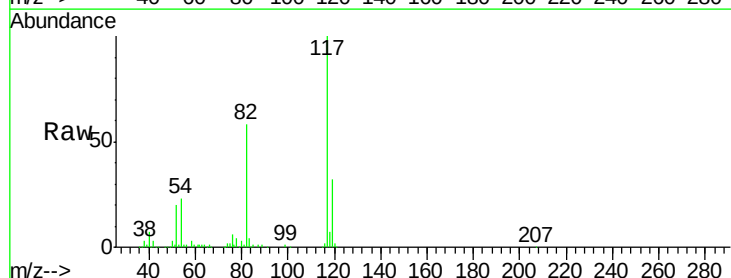
Tgt Ion: 117 Resp: 323916

Ion Ratio Lower Upper

117 100

82 58.0 46.7 70.1

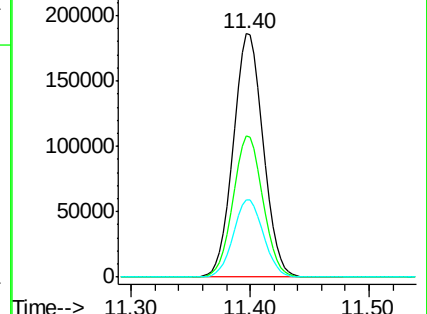
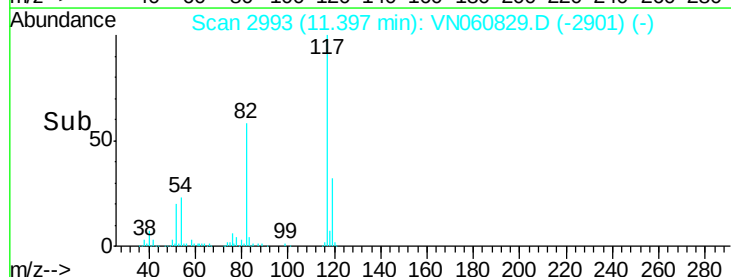
119 31.6 25.5 38.3

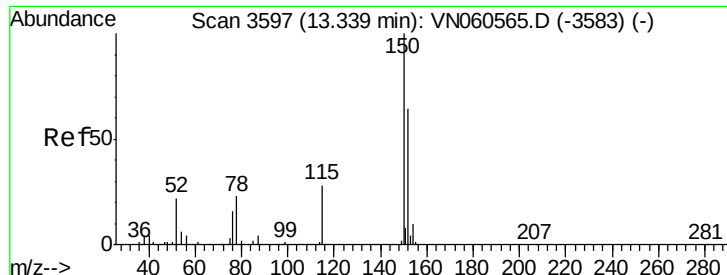


Abundance Ion 116.90 (116.60 to 117.60): VN060829.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060829.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060829.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: VN060829.D

Acq: 2 Apr 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-01

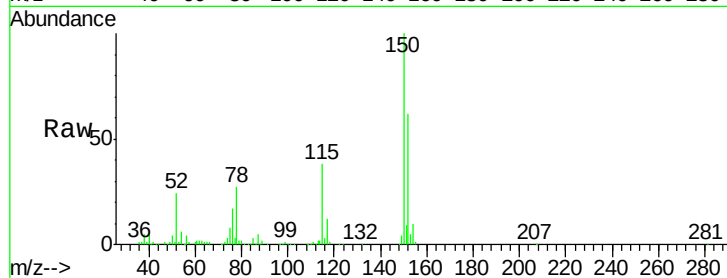
Tot Ion:152 Resp: 143867

Ion Ratio Lower Upper

152 100

115 61.0 30.2 90.6

150 158.9 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

