

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061906.D
 Acq On : 18 Jun 2020 17:39
 Operator : JC/MD
 Sample : L3026-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0575

Quant Time: Jun 19 06:14:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

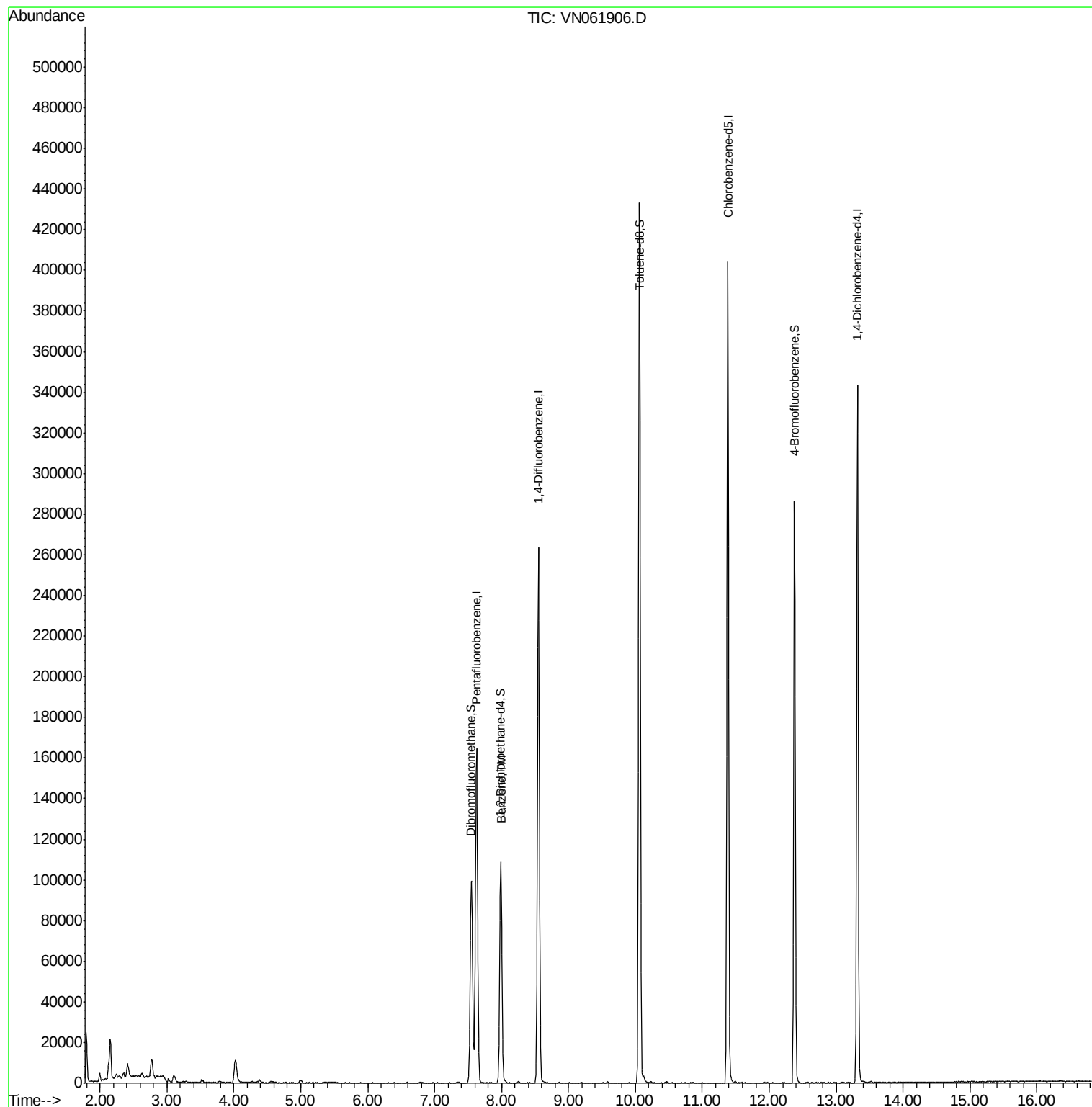
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90930	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	7.55	113	78116	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	307370	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.38	95	101542	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
Target Compounds						
40) Benzene	8.00	78	4324	0.642	ug/l	Qvalue 94

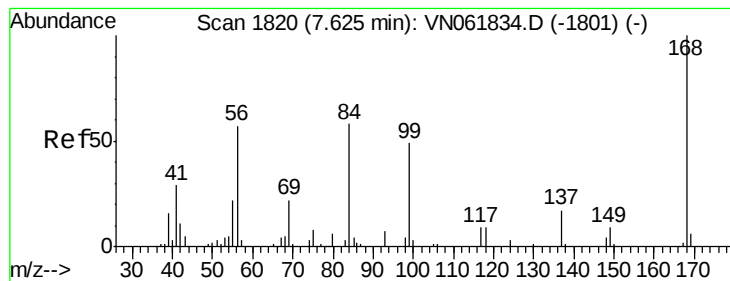
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

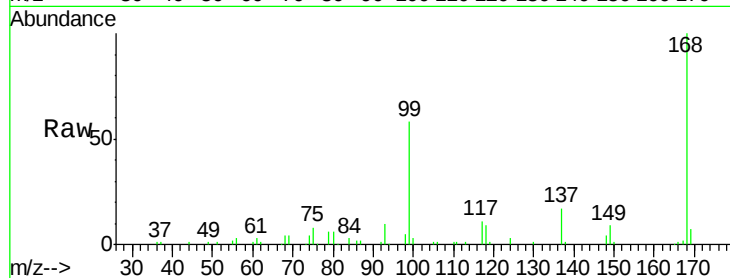
S49-0575

Tot Ion:168 Resp: 132002

Ion Ratio Lower Upper

168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

30000

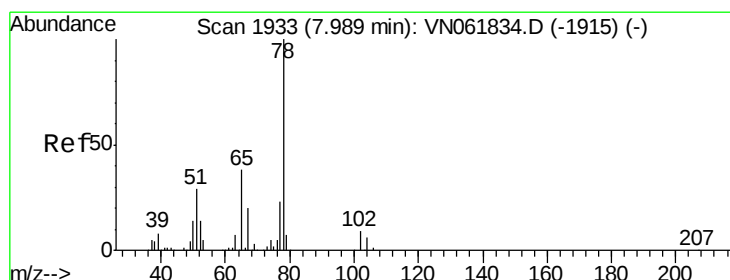
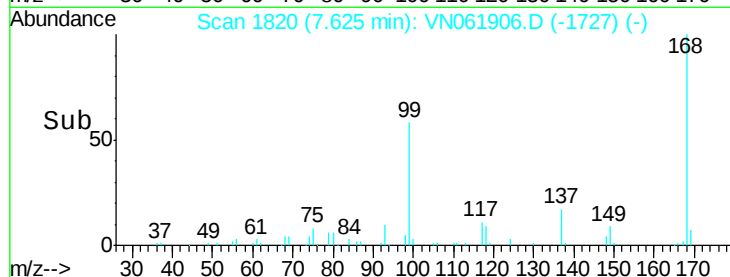
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.363 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061906.D

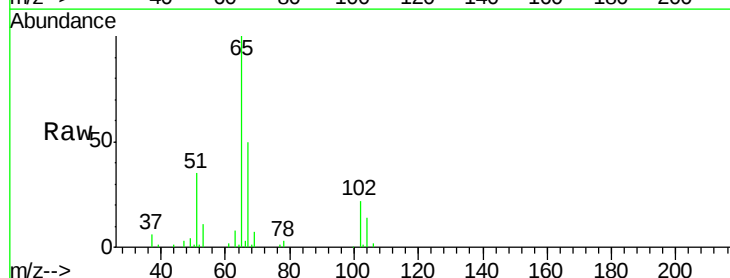
Acq: 18 Jun 2020 17:39

Tgt Ion: 65 Resp: 90930

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

40000

30000

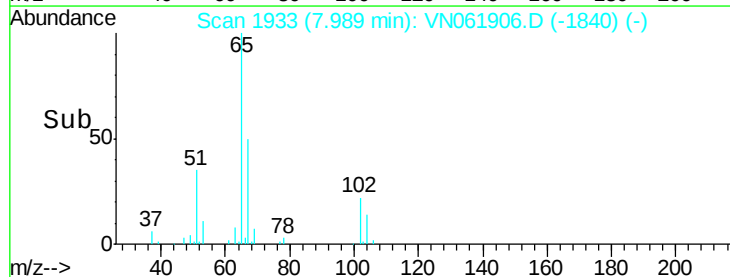
20000

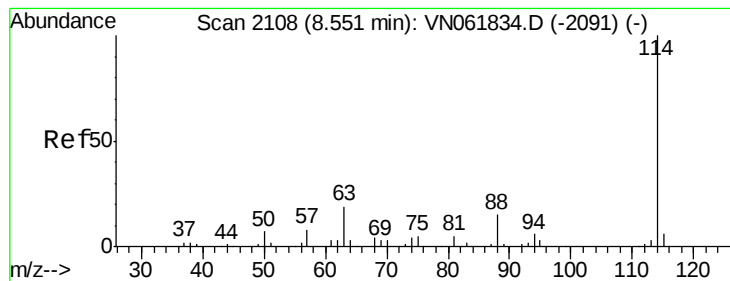
10000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0575

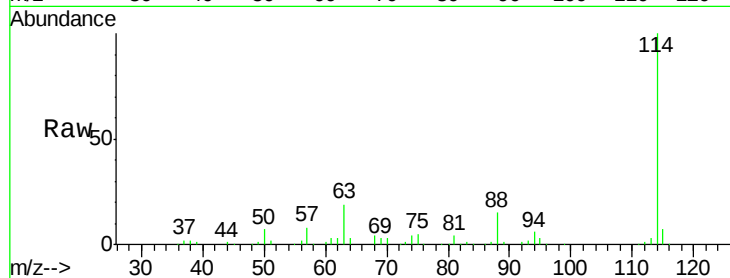
Tot Ion:114 Resp: 243638

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

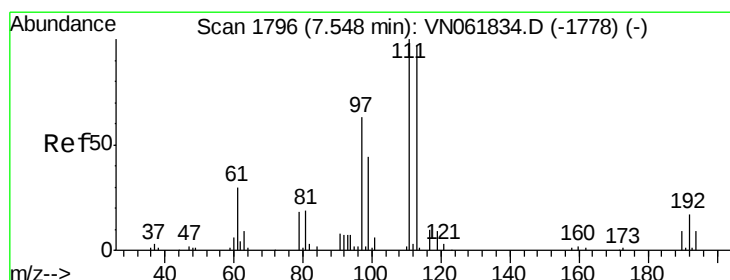
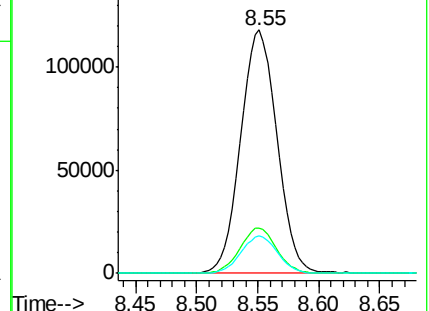
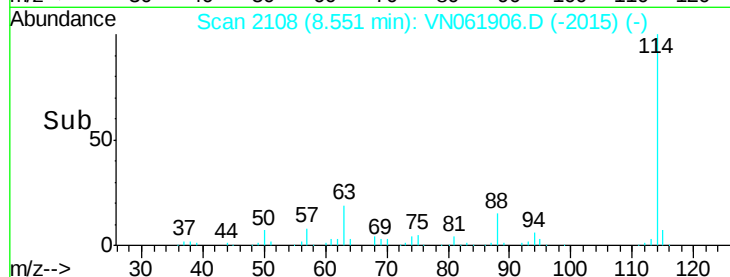
88 15.3 0.0 31.0



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: 50.117 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

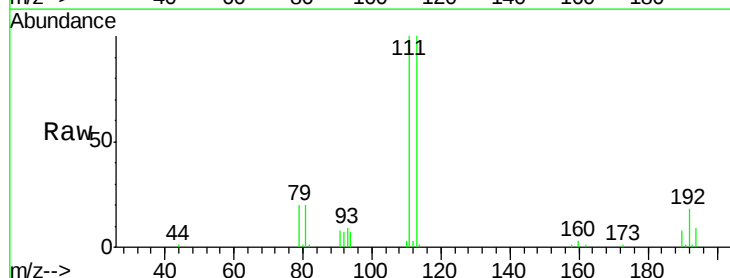
Tgt Ion:113 Resp: 78116

Ion Ratio Lower Upper

113 100

111 104.3 83.7 125.5

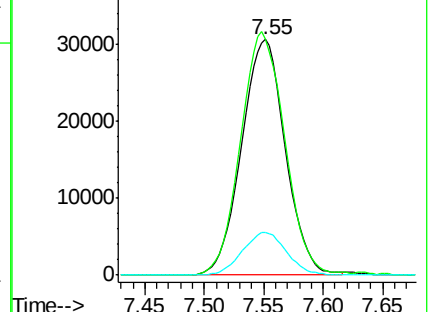
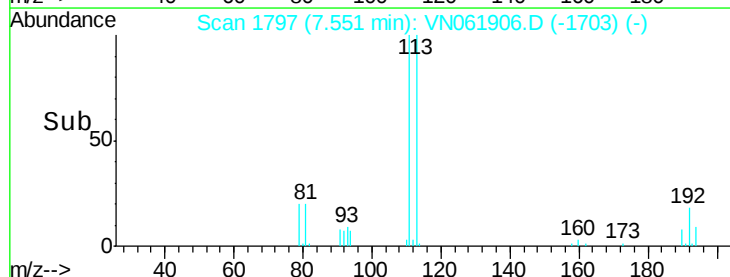
192 18.2 13.9 20.9

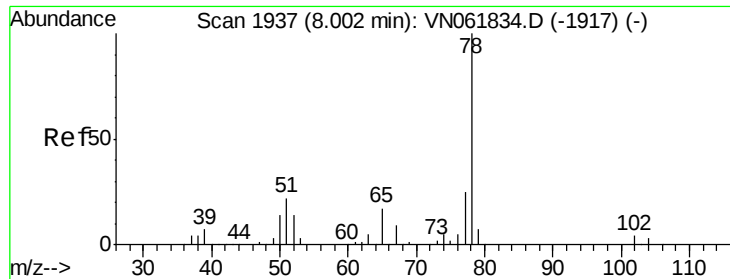


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.642 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

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ClientSampleId :

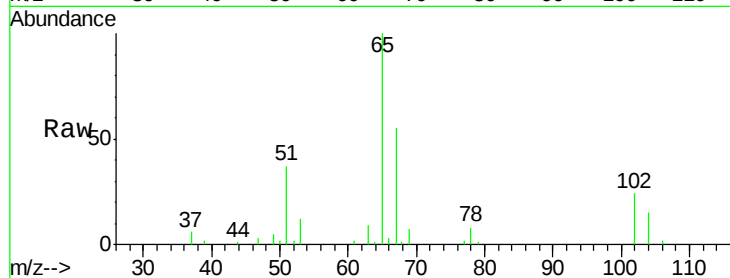
S49-0575

Tot Ion: 78 Resp: 4324

Ion Ratio Lower Upper

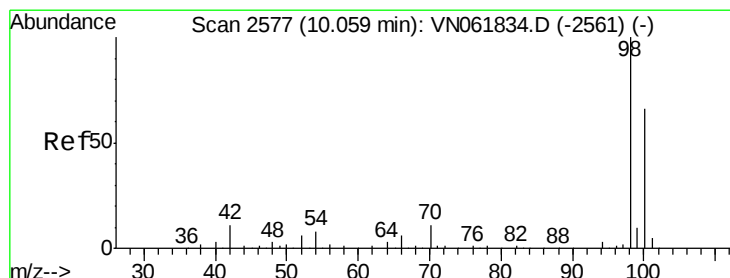
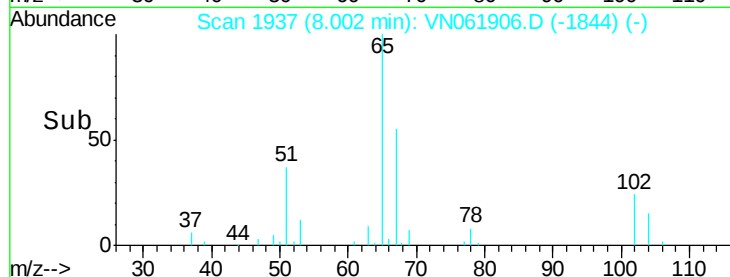
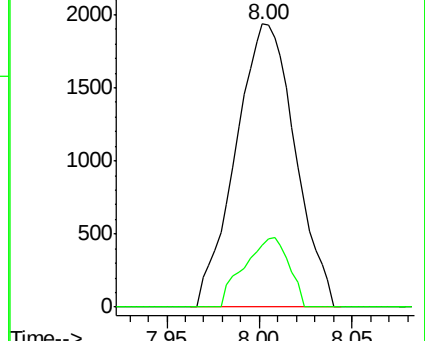
78 100

77 21.8 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 50.160 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061906.D

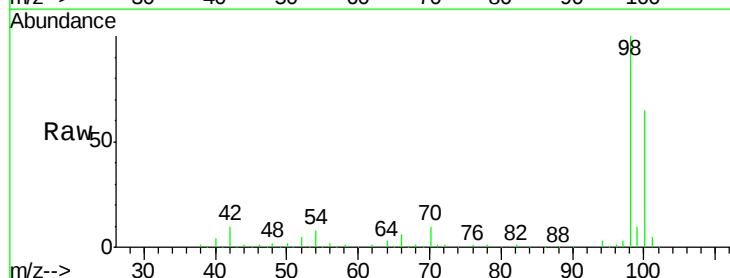
Acq: 18 Jun 2020 17:39

Tgt Ion: 98 Resp: 307370

Ion Ratio Lower Upper

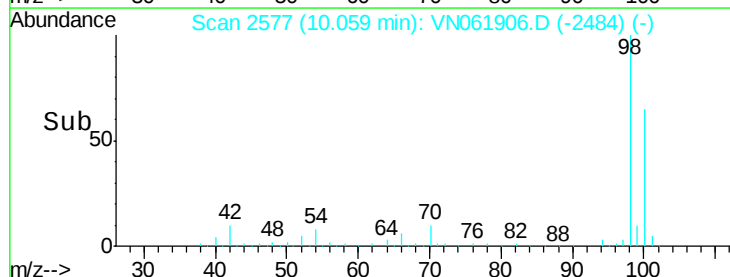
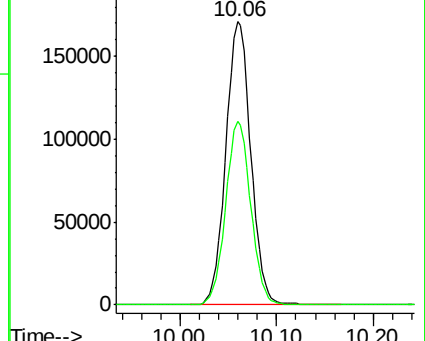
98 100

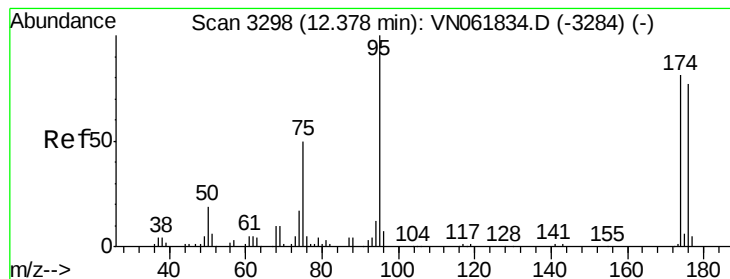
100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.309 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

S49-0575

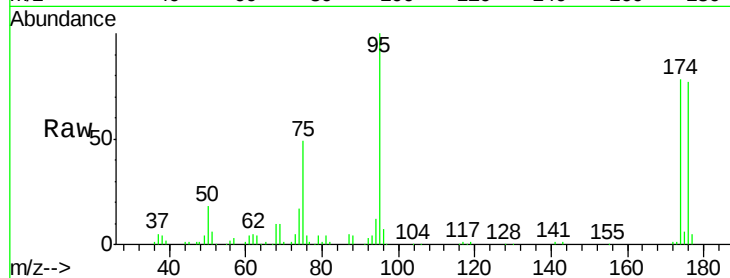
Tot Ion: 95 Resp: 101542

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.6

176 76.1 0.0 152.0



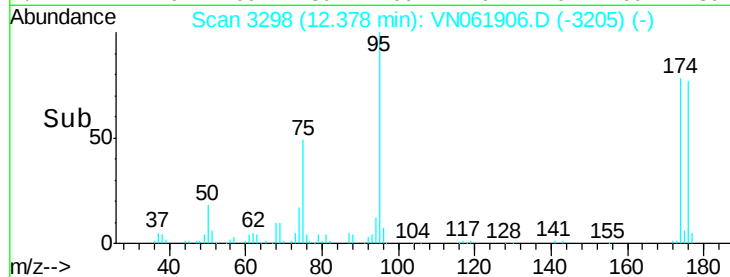
Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

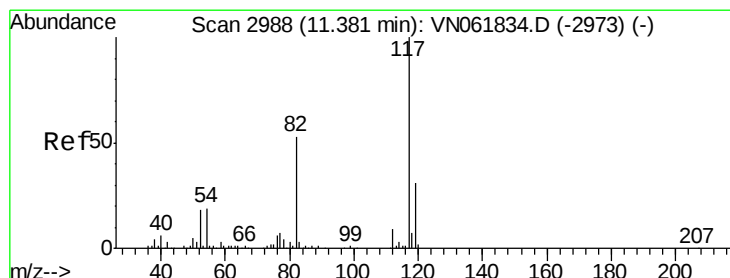
Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

12.38

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

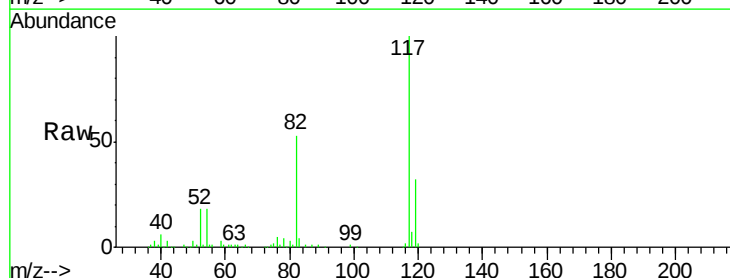
Tgt Ion: 117 Resp: 240593

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

119 31.8 24.7 37.1



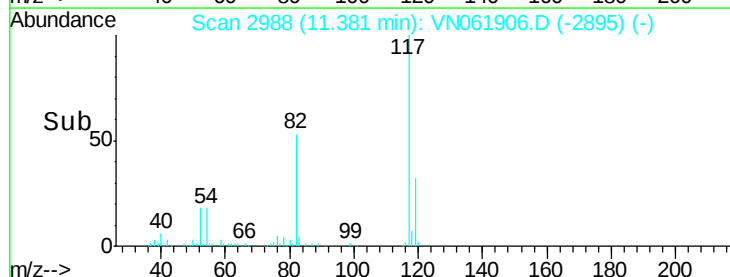
Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

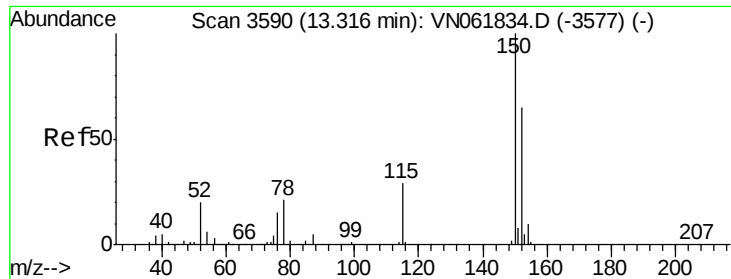
Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)

11.38

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061906.D

Acq: 18 Jun 2020 17:39

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ClientSampleId :

S49-0575

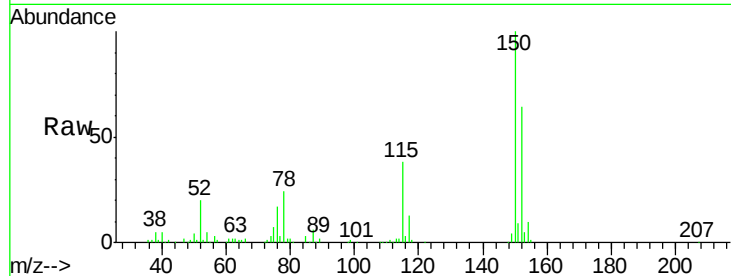
Tot Ion:152 Resp: 95117

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.3

150 158.5 0.0 347.6



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

