

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061918.D
 Acq On : 18 Jun 2020 23:40
 Operator : JC/MD
 Sample : VN0618WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL02

Quant Time: Jun 19 06:48:04 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	133620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89566	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	89161	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.55	113	78255	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.06	98	302743	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.38	95	97960	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

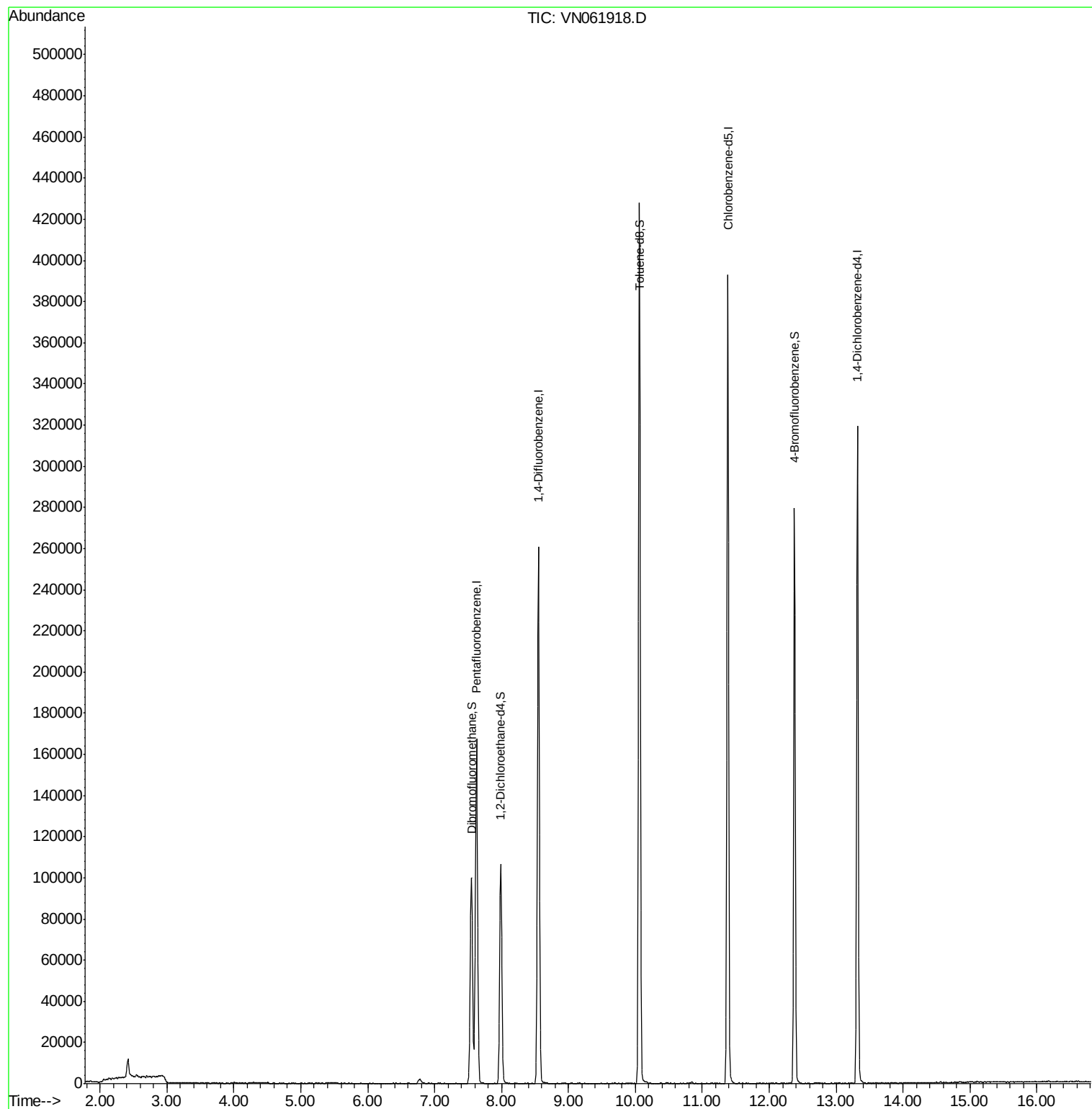
Target Compounds	Qvalue
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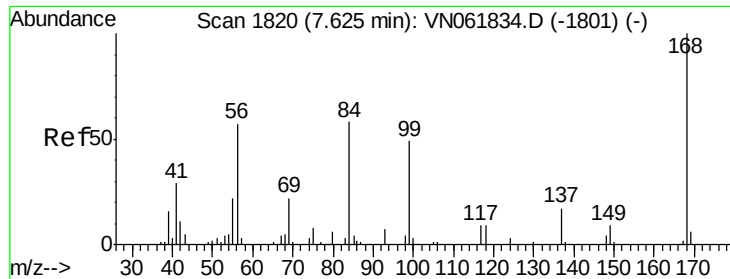
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

Instrument :

MSVOA_N

ClientSampleId :

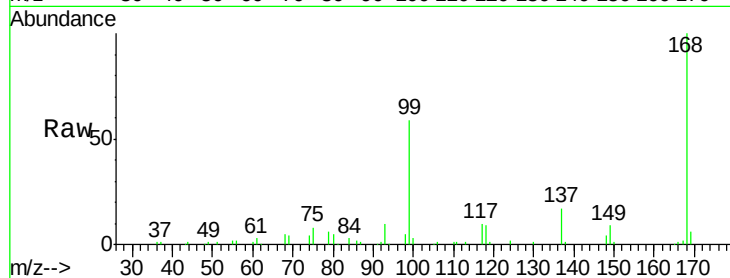
VN0618WBL02

Tot Ion:168 Resp: 133620

Ion Ratio Lower Upper

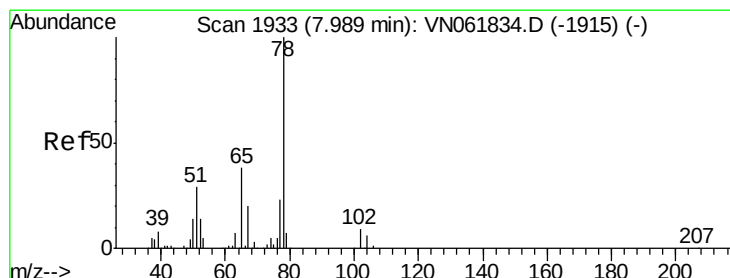
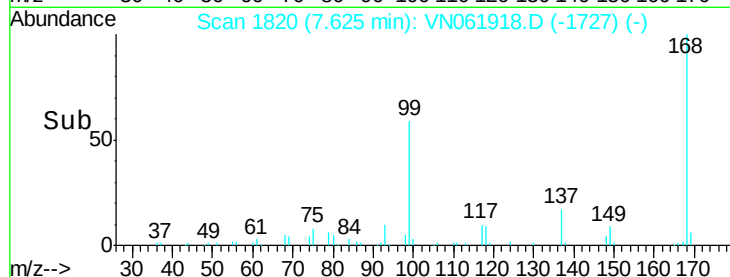
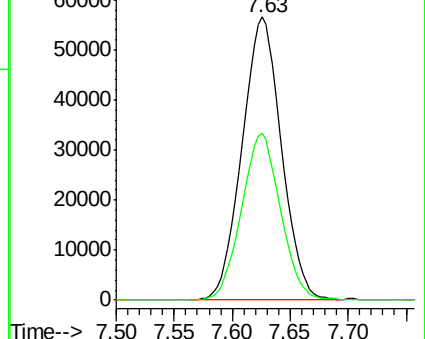
168 100

99 58.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.754 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061918.D

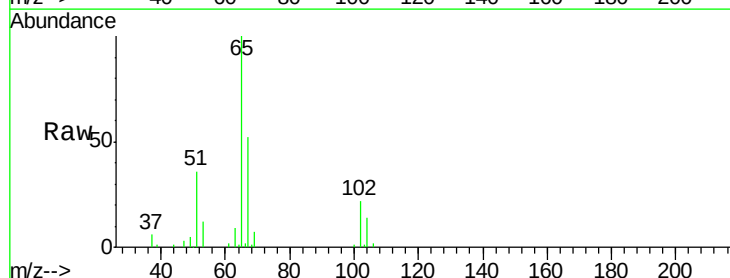
Acq: 18 Jun 2020 23:40

Tgt Ion: 65 Resp: 89161

Ion Ratio Lower Upper

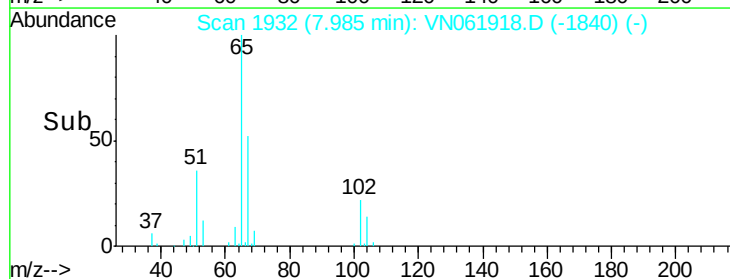
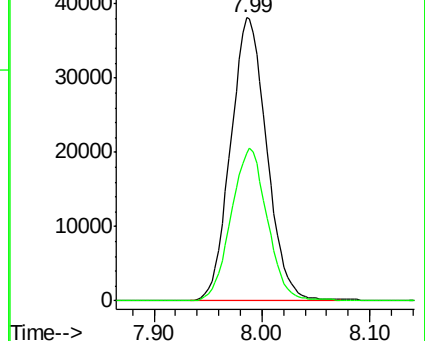
65 100

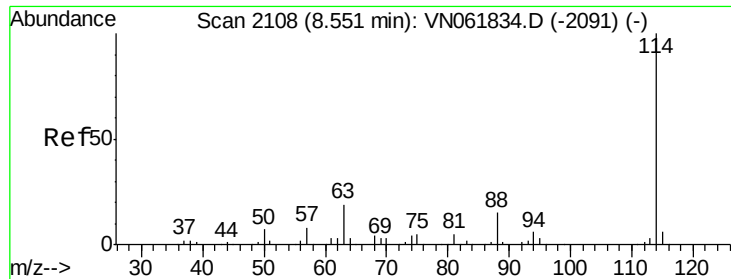
67 53.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

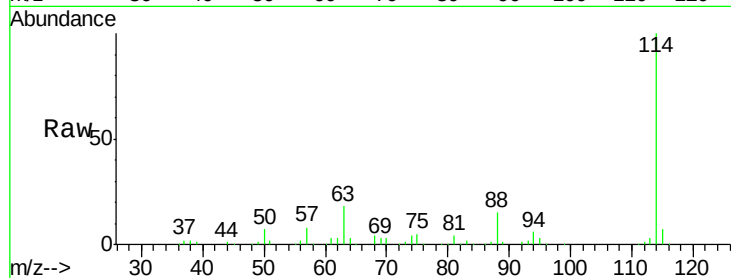




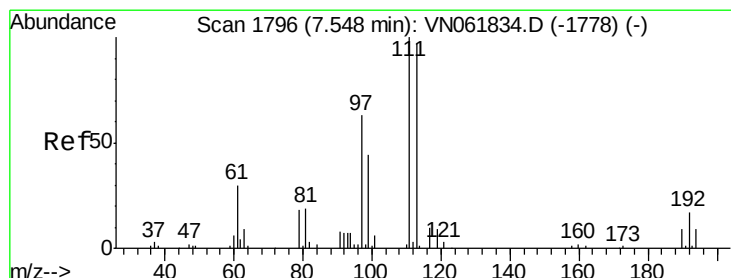
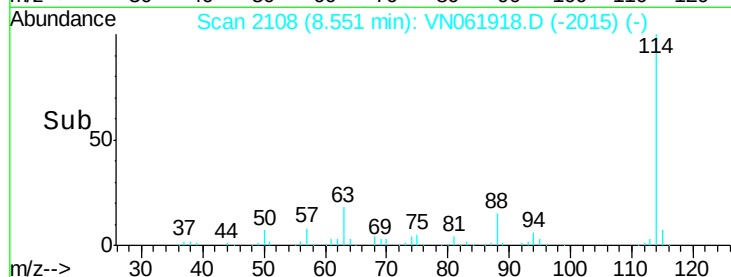
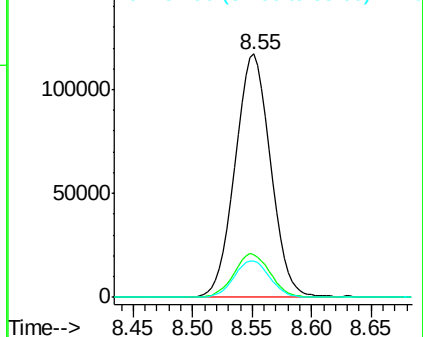
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL02

Tot Ion:114 Resp: 242719
Ion Ratio Lower Upper
114 100
63 17.6 0.0 37.6
88 14.8 0.0 31.0

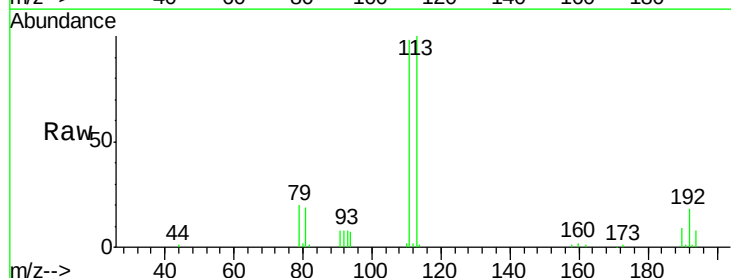


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

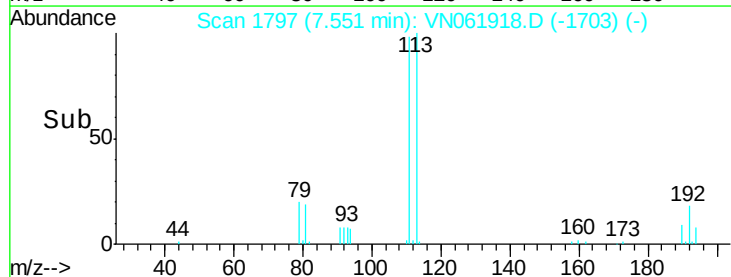
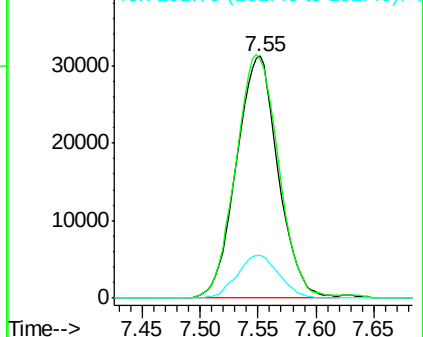


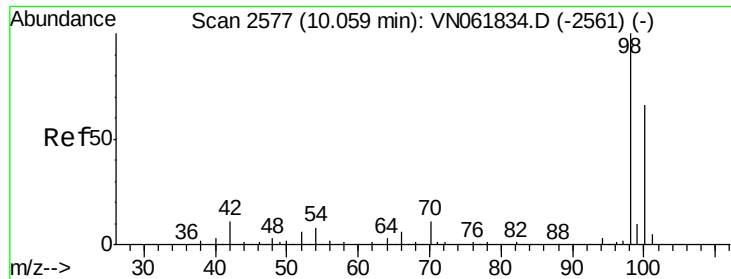
#35
Dibromofluoromethane
Concen: 50.396 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Tgt Ion:113 Resp: 78255
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 17.8 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





#50

Toluene-d8

Concen: 49.592 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

Instrument :

MSVOA_N

ClientSampleId :

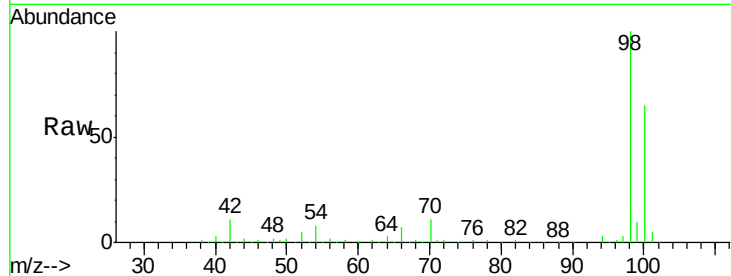
VN0618WBL02

Tot Ion: 98 Resp: 302743

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

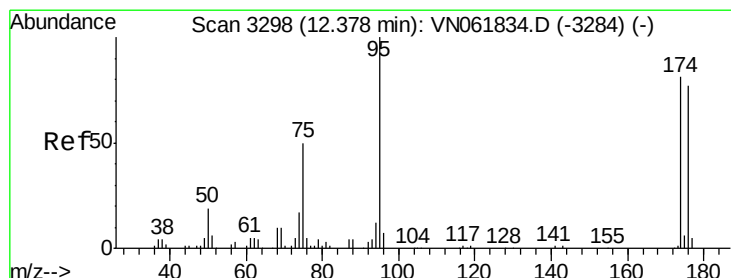
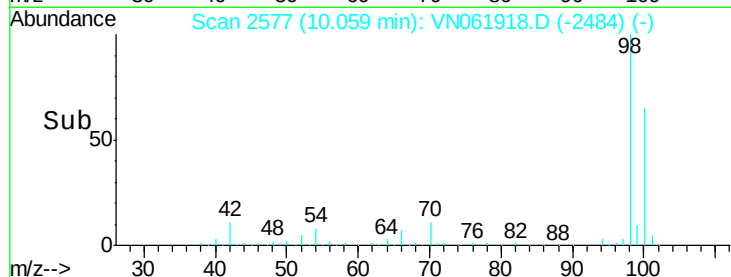
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.782 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

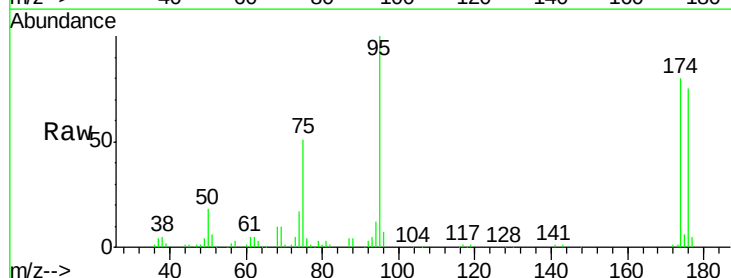
Tgt Ion: 95 Resp: 97960

Ion Ratio Lower Upper

95 100

174 80.1 0.0 158.6

176 75.1 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

80000

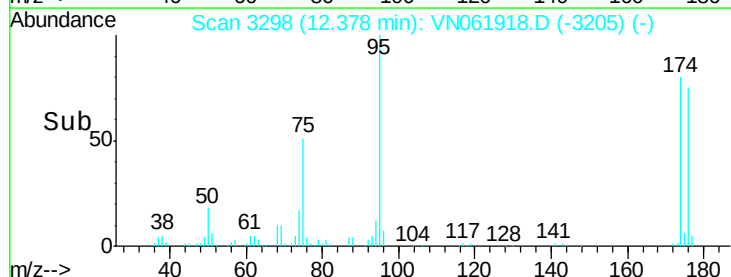
60000

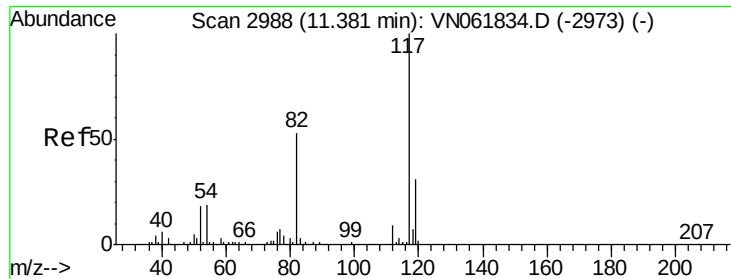
40000

20000

0

Time-->

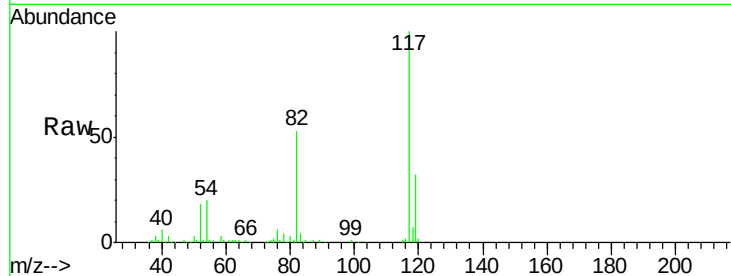




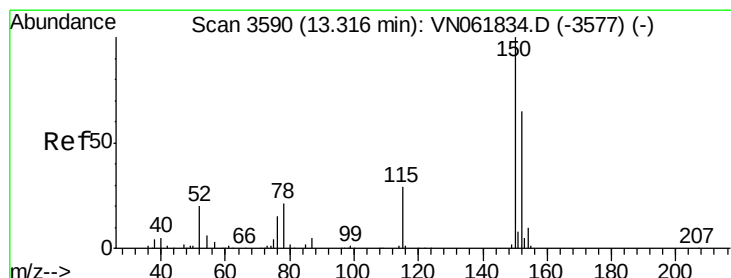
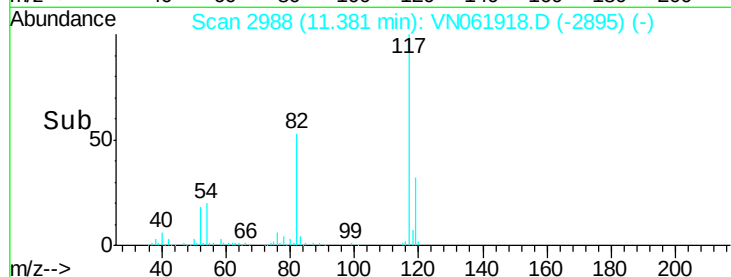
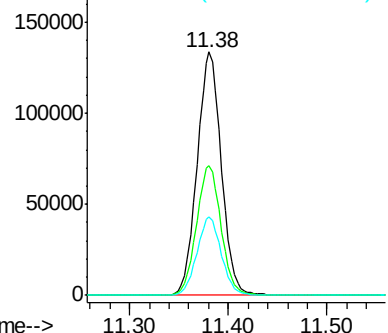
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL02

Tot Ion:117 Resp: 230582
Ion Ratio Lower Upper
117 100
82 53.4 42.6 64.0
119 32.2 24.7 37.1

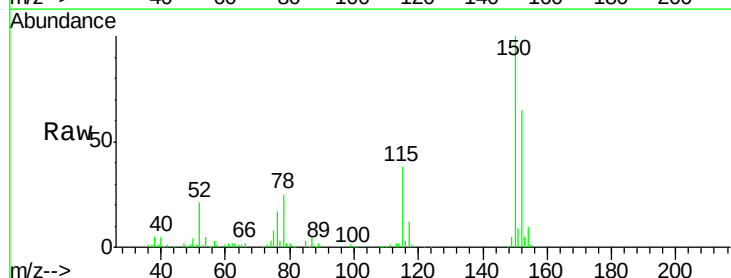


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Tgt Ion:152 Resp: 89566
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 153.3 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

