

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061877.D
 Acq On : 18 Jun 2020 3:29
 Operator : JC/MD
 Sample : L3011-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20200611

Quant Time: Jun 18 14:03:21 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	125559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	233628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82480	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	85169	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	7.55	113	75196	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.06	98	287165	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	93176	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	

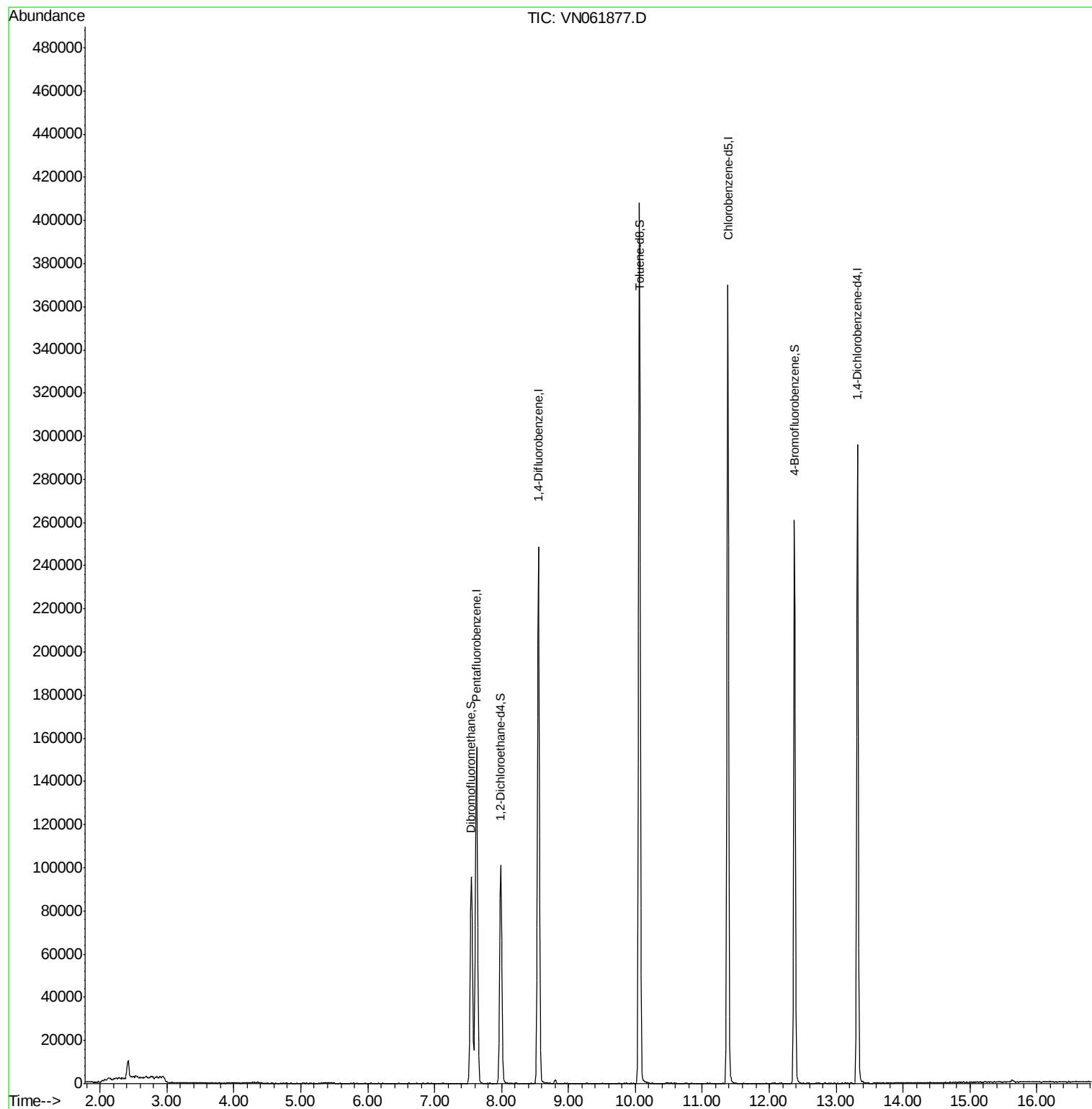
Target Compounds	Qvalue
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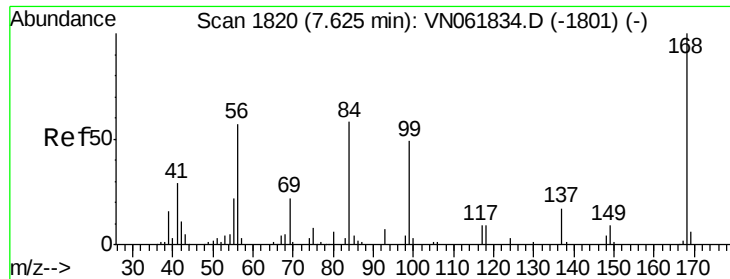
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN061877.D

Acq: 18 Jun 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

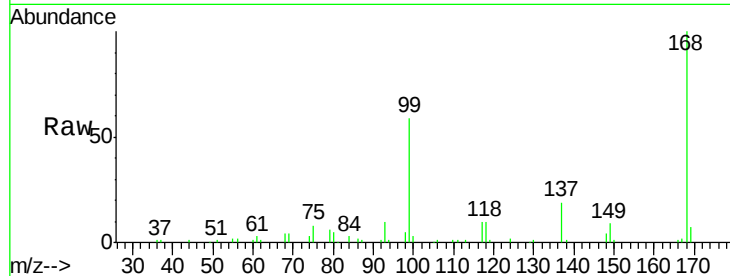
RE117D2-20200611

Tot Ion:168 Resp: 125559

Ion Ratio Lower Upper

168 100

99 59.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

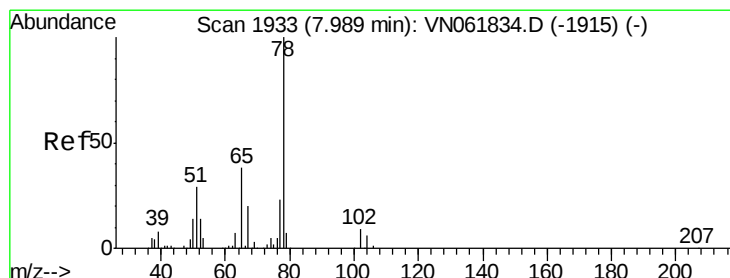
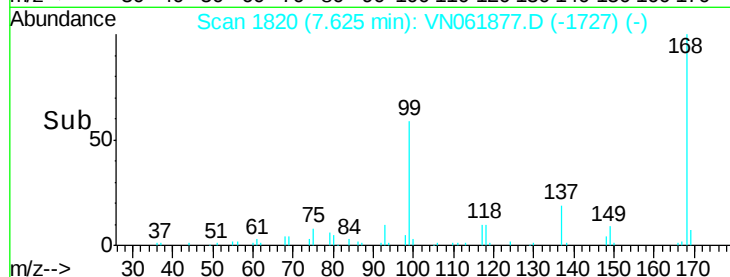
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.577 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061877.D

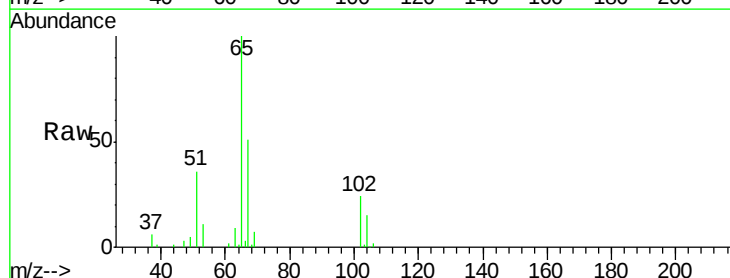
Acq: 18 Jun 2020 3:29

Tgt Ion: 65 Resp: 85169

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

40000

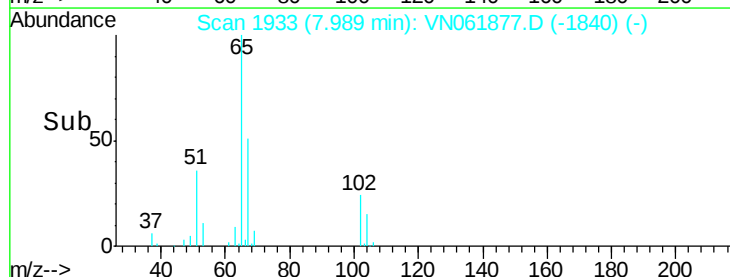
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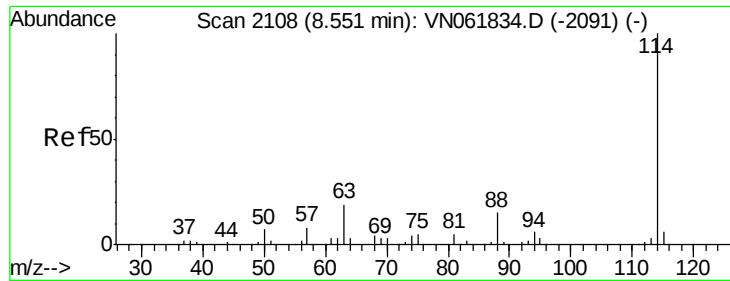
20000

10000

0

Time-->

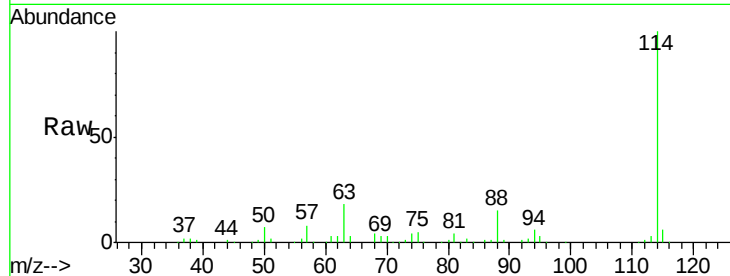




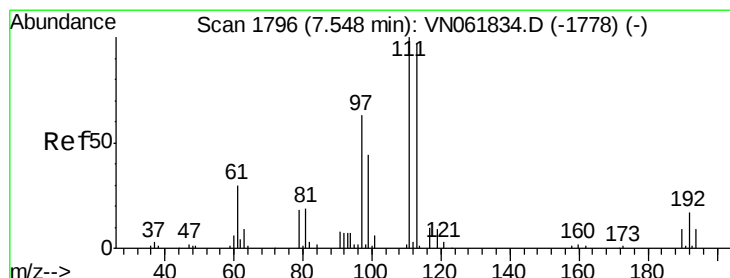
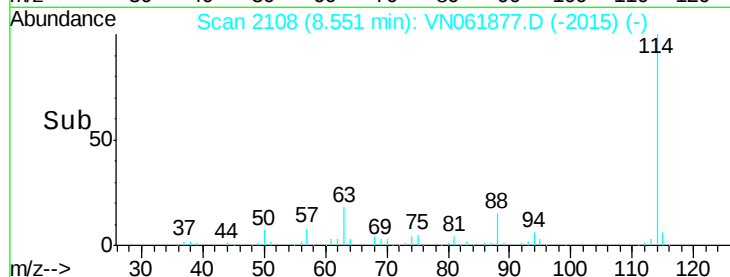
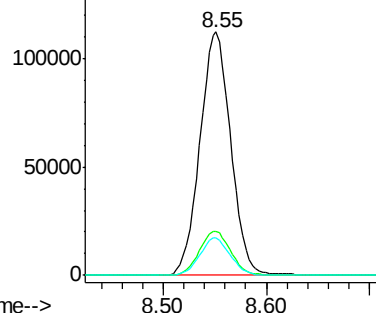
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061877.D
Acq: 18 Jun 2020 3:29

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20200611

Tot Ion:114 Resp: 233628
Ion Ratio Lower Upper
114 100
63 18.0 0.0 37.6
88 15.2 0.0 31.0

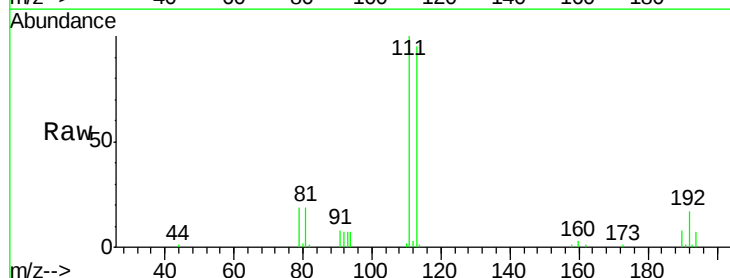


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

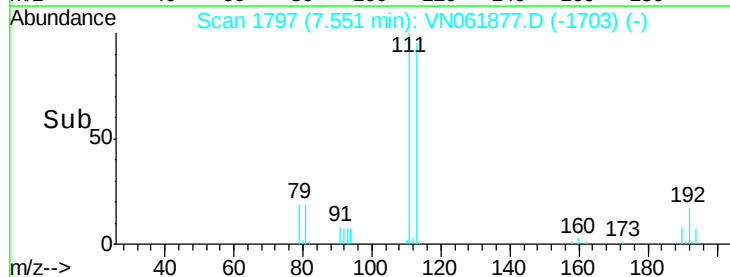
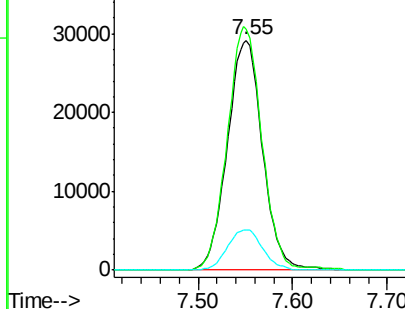


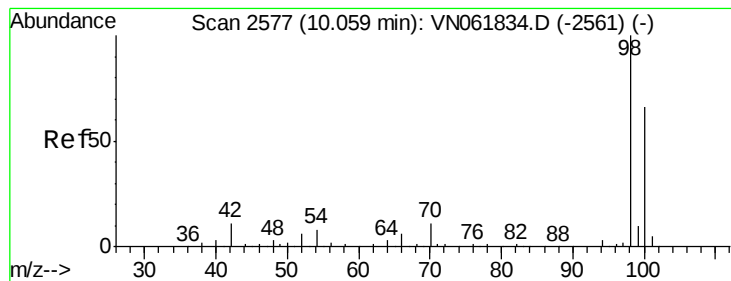
#35
Dibromofluoromethane
Concen: 50.311 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061877.D
Acq: 18 Jun 2020 3:29

Tgt Ion:113 Resp: 75196
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 17.5 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: 48.871 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

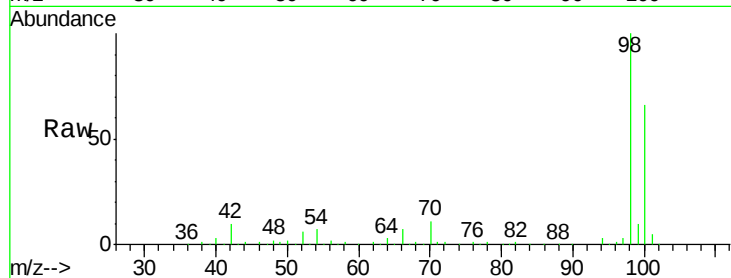
RE117D2-20200611

Tot Ion: 98 Resp: 287165

Ion Ratio Lower Upper

98 100

100 65.2 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

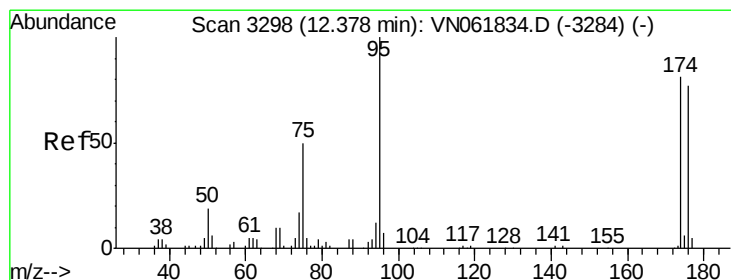
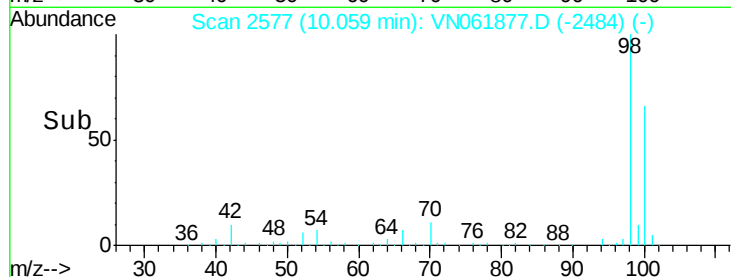
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.228 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061877.D

Acq: 18 Jun 2020 3:29

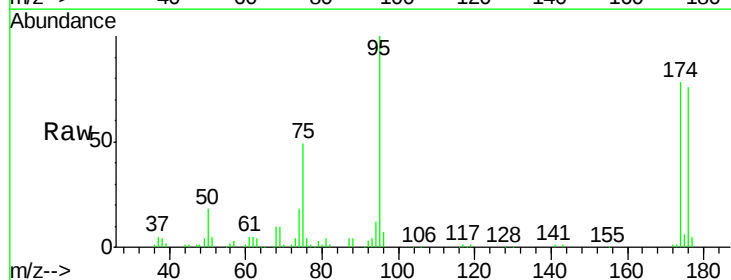
Tgt Ion: 95 Resp: 93176

Ion Ratio Lower Upper

95 100

174 78.3 0.0 158.6

176 75.4 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

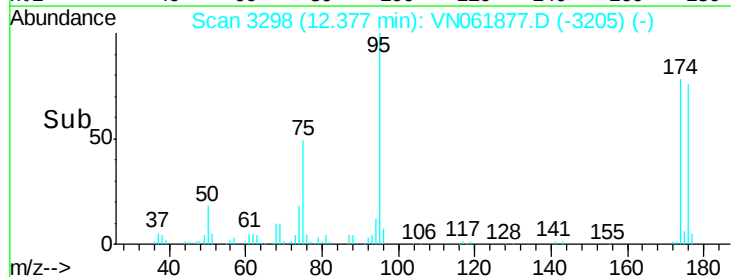
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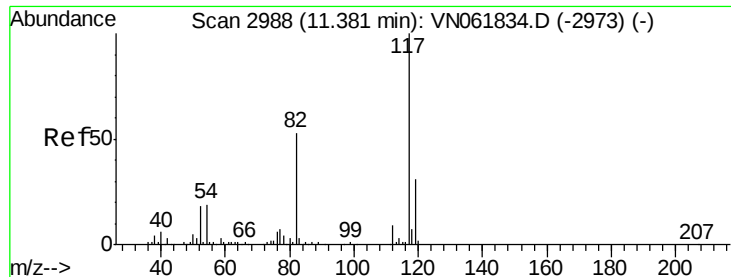
40000

20000

0

Time-->

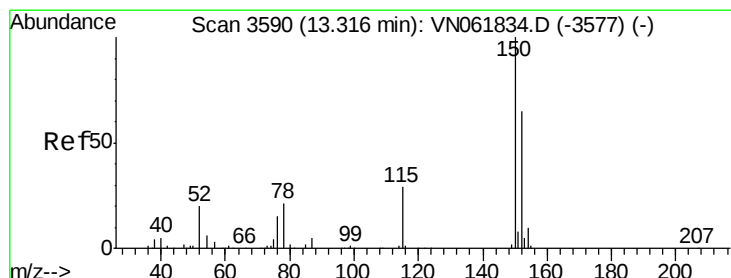
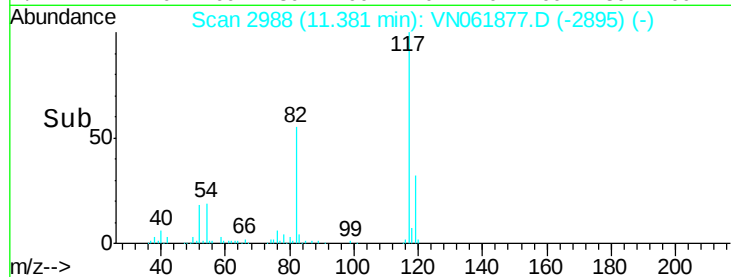
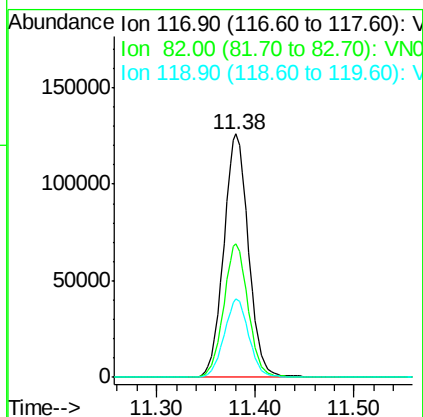
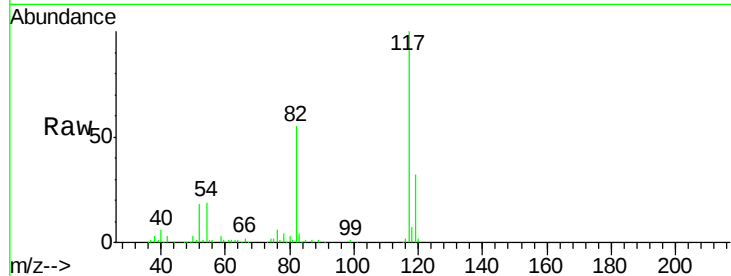




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061877.D
Acq: 18 Jun 2020 3:29

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20200611

Tot Ion:117 Resp: 221605
Ion Ratio Lower Upper
117 100
82 54.7 42.6 64.0
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061877.D
Acq: 18 Jun 2020 3:29

Tgt Ion:152 Resp: 82480
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.3
150 157.5 0.0 347.6

