

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061455.D
 Acq On : 19 May 2020 3:25
 Operator : JC/MD
 Sample : L2645-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-051320

Quant Time: May 19 05:02:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185708	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	174072	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
35) Dibromofluoromethane	7.55	113	125585	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
50) Toluene-d8	10.06	98	567676	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.37	95	210128	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

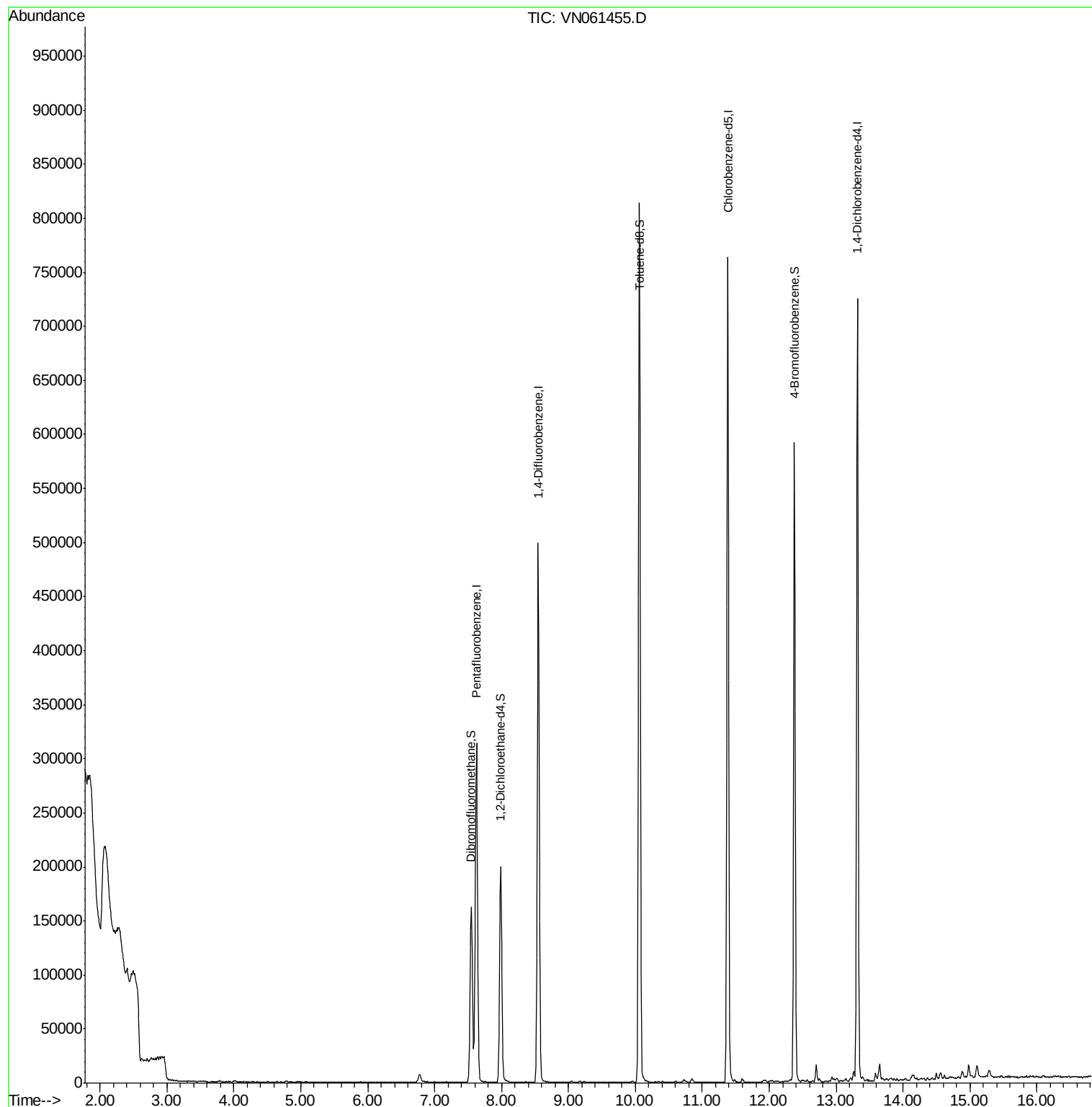
Target Compounds	Qvalue
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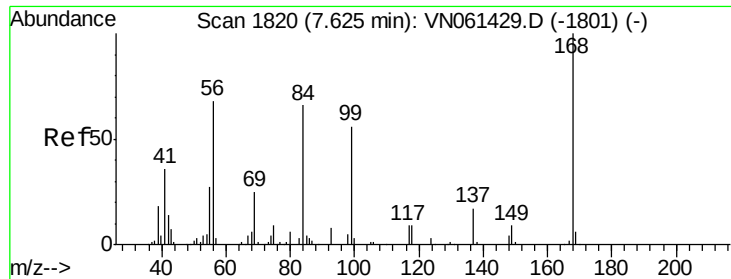
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 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: VN061455.D

Acq: 19 May 2020 3:25

Instrument :

MSVOA_N

ClientSampleId :

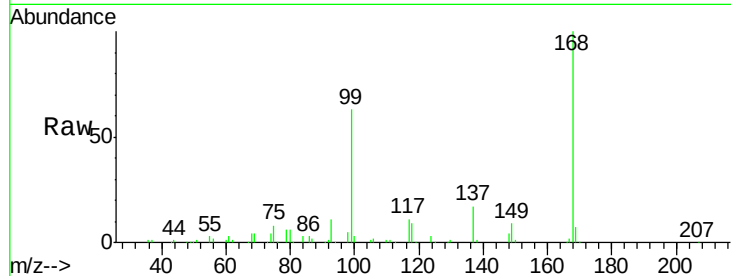
TB-051320

Tot Ion:168 Resp: 244546

Ion Ratio Lower Upper

168 100

99 63.1 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

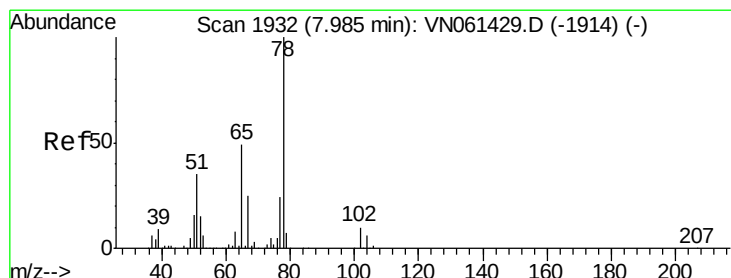
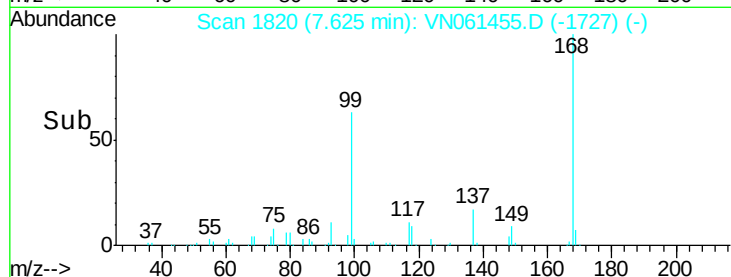
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.694 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN061455.D

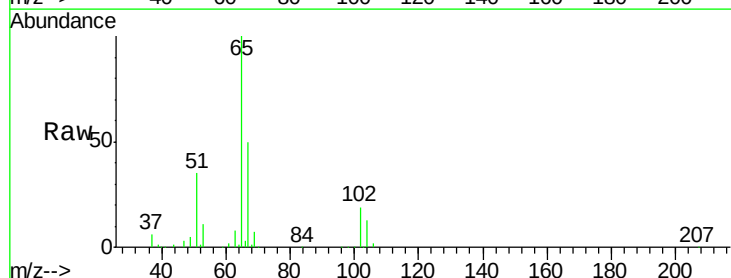
Acq: 19 May 2020 3:25

Tgt Ion: 65 Resp: 174072

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

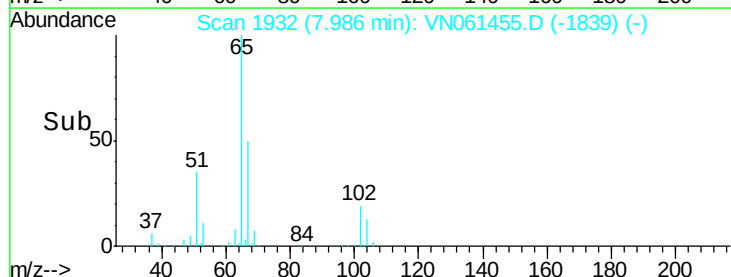
60000

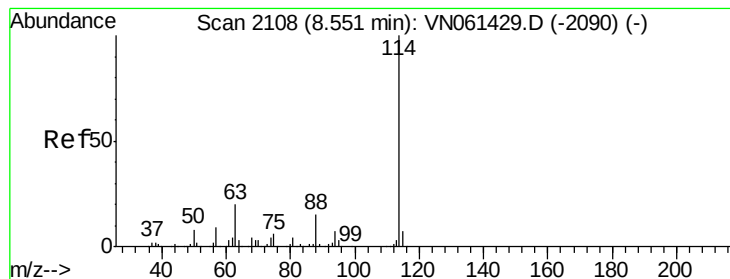
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061455.D

Acq: 19 May 2020 3:25

Instrument :

MSVOA_N

ClientSampled :

TB-051320

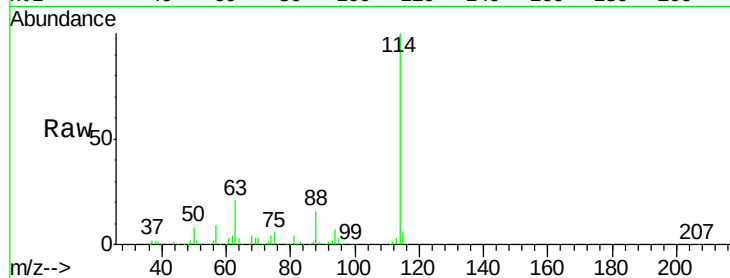
Tot Ion:114 Resp: 451499

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

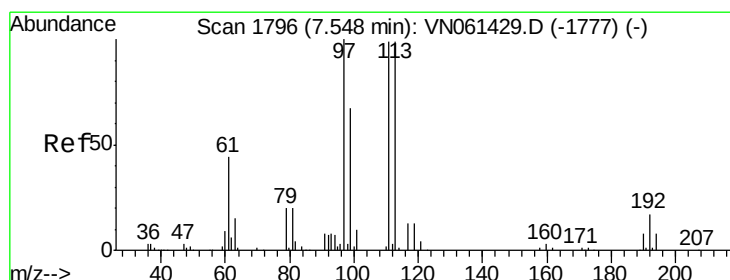
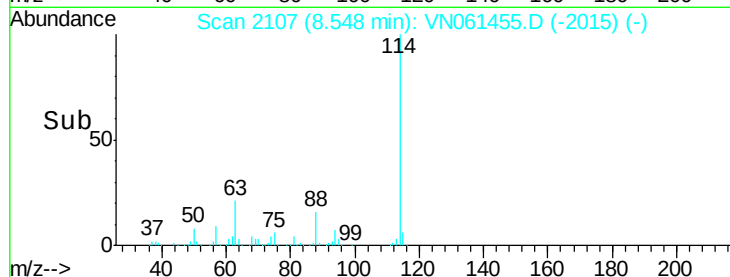
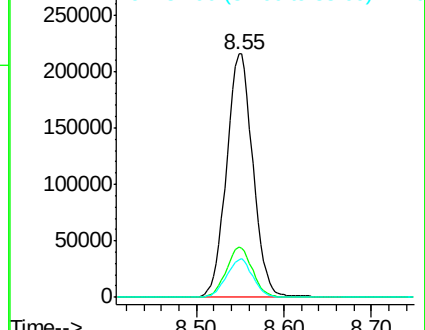
88 15.6 0.0 30.8



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: 53.095 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061455.D

Acq: 19 May 2020 3:25

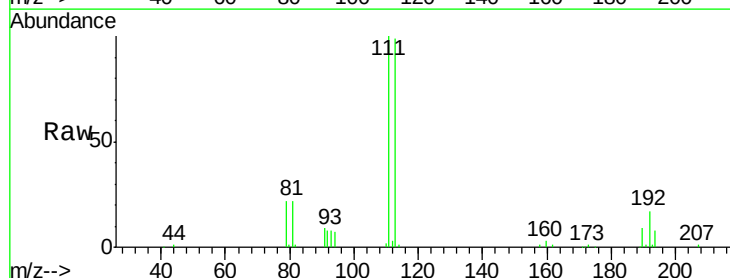
Tgt Ion:113 Resp: 125585

Ion Ratio Lower Upper

113 100

111 102.9 80.6 121.0

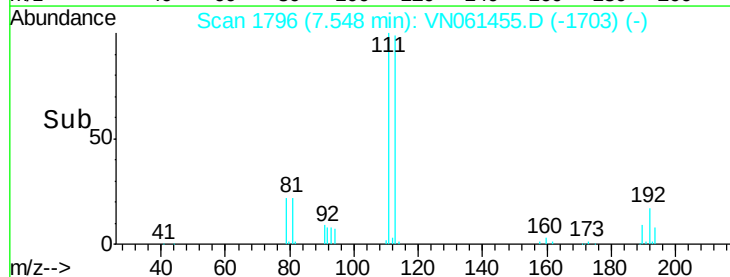
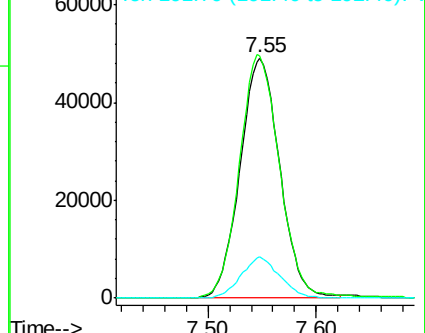
192 16.6 13.2 19.8

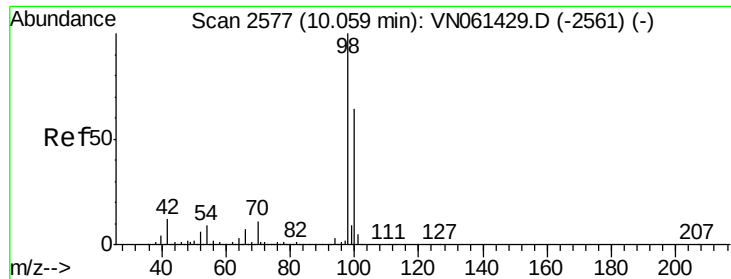


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.745 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061455.D

Acq: 19 May 2020 3:25

Instrument :

MSVOA_N

ClientSampleId :

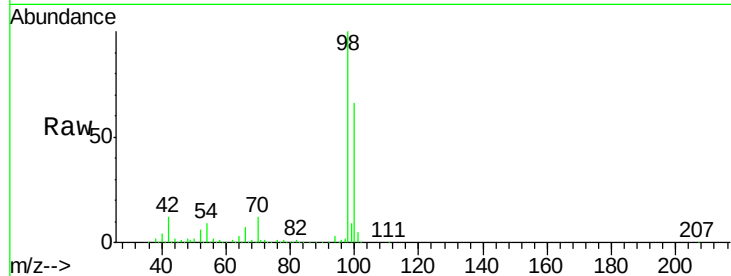
TB-051320

Tot Ion: 98 Resp: 567676

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061429.D (-2561) (-)

10.06

300000

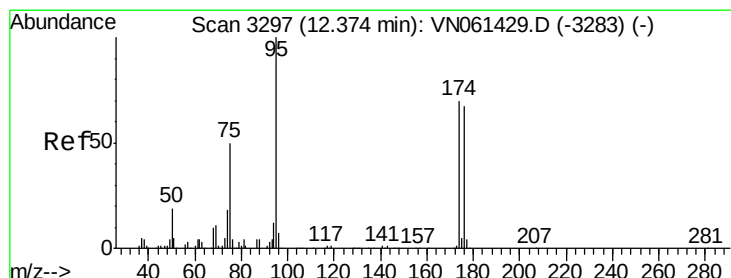
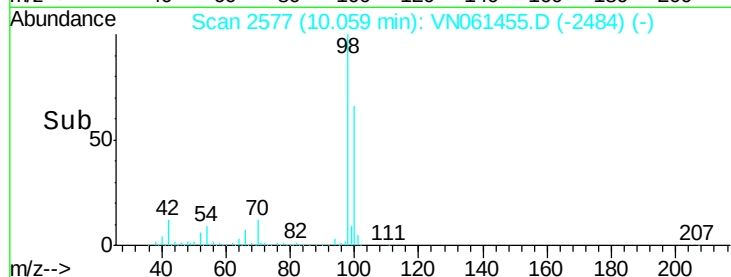
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 51.266 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061455.D

Acq: 19 May 2020 3:25

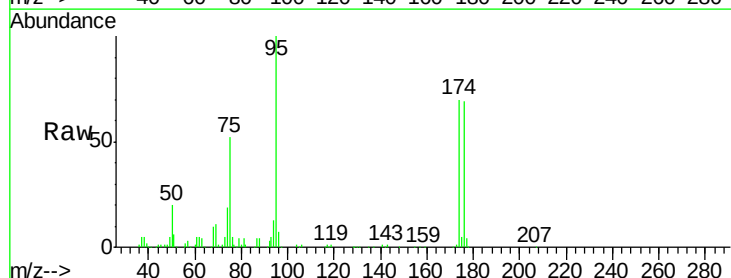
Tgt Ion: 95 Resp: 210128

Ion Ratio Lower Upper

95 100

174 71.5 0.0 141.2

176 69.3 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)

12.37

150000

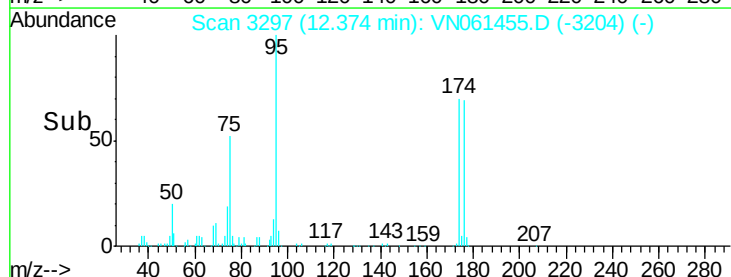
100000

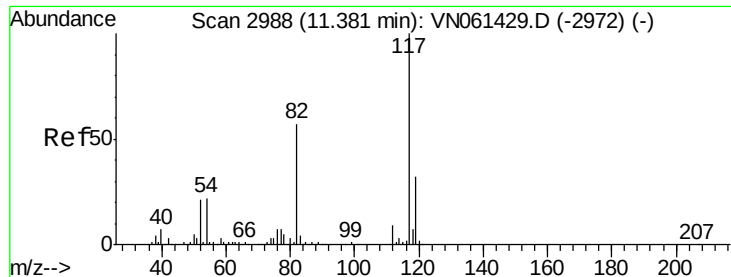
50000

0

12.30 12.40 12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061455.D

Acq: 19 May 2020 3:25

Instrument :

MSVOA_N

ClientSampleId :

TB-051320

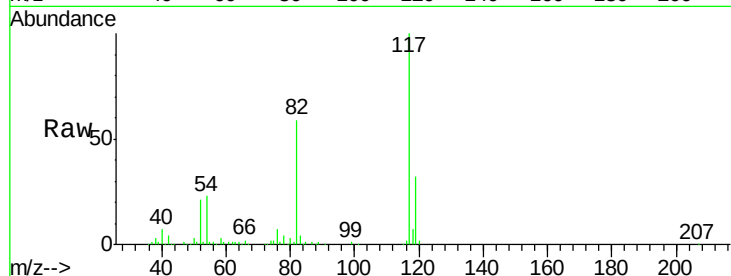
Tot Ion:117 Resp: 431921

Ion Ratio Lower Upper

117 100

82 58.9 45.2 67.8

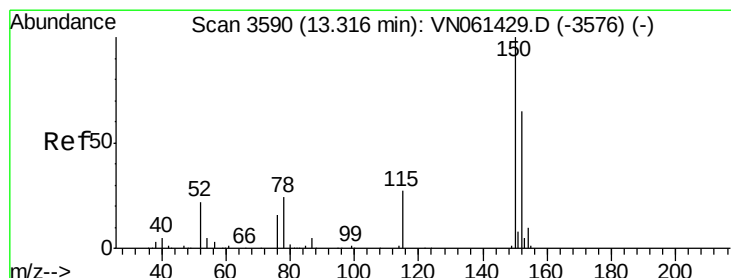
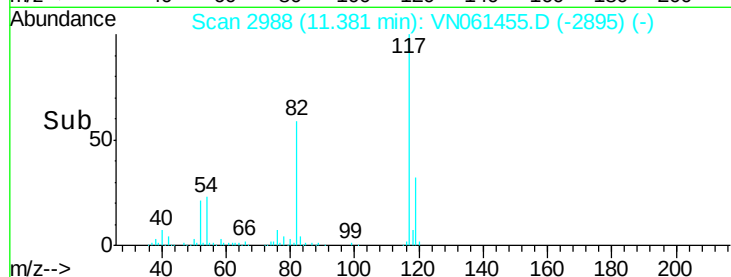
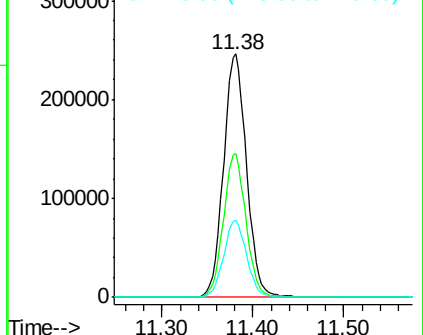
119 31.9 25.3 37.9



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# 3590

Delta R.T. 0.00 min

Lab File: VN061455.D

Acq: 19 May 2020 3:25

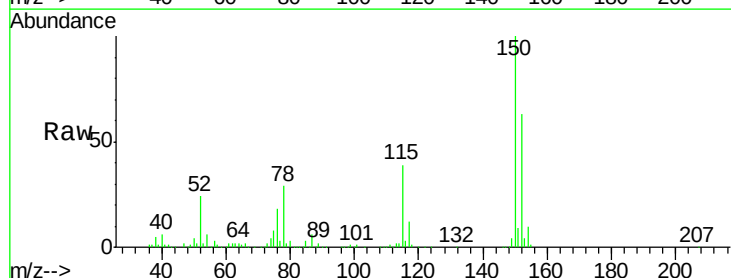
Tgt Ion:152 Resp: 185708

Ion Ratio Lower Upper

152 100

115 62.7 30.9 92.5

150 157.9 0.0 349.2



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

