

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061682.D
 Acq On : 5 Jun 2020 20:12
 Operator : JC/MD
 Sample : L2921-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW008-200604

Quant Time: Jun 06 04:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232027	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	171585	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	7.55	113	146795	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
50) Toluene-d8	10.06	98	614070	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	226599	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	

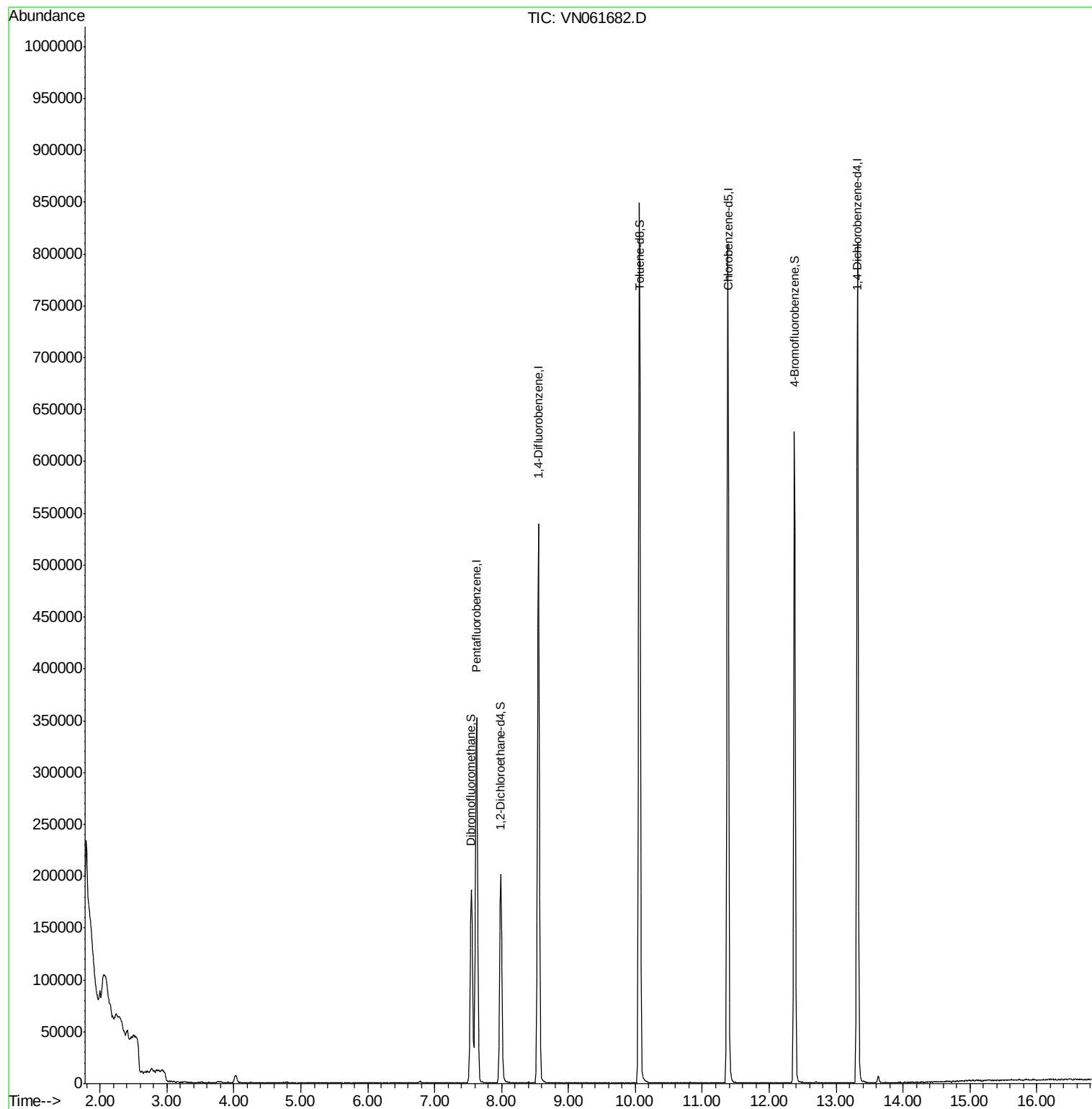
Target Compounds	Qvalue
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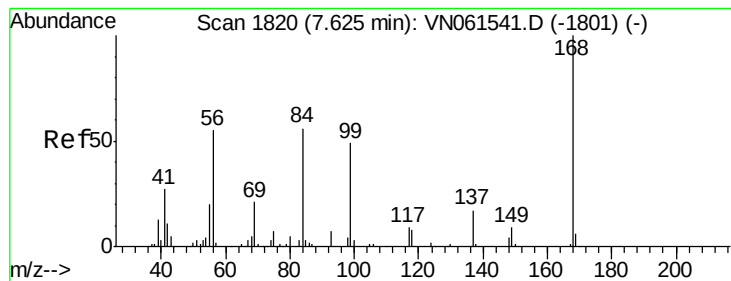
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061682.D

Acq: 5 Jun 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

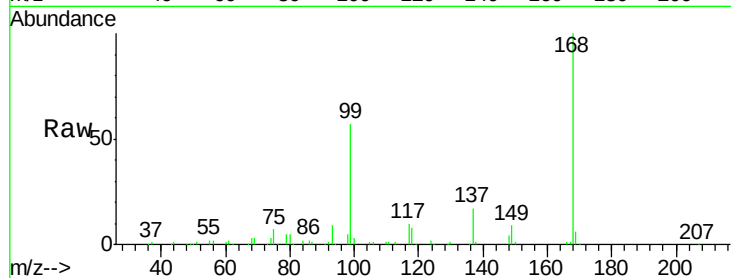
LF012MW008-200604

Tot Ion:168 Resp: 297987

Ion Ratio Lower Upper

168 100

99 56.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

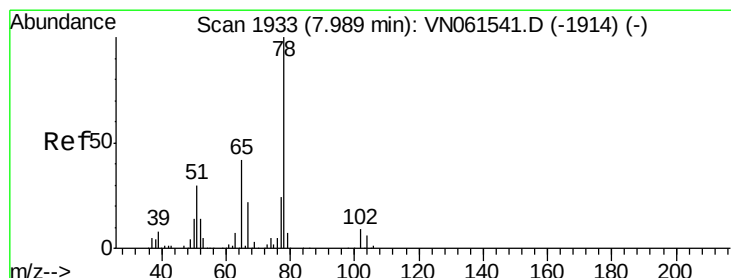
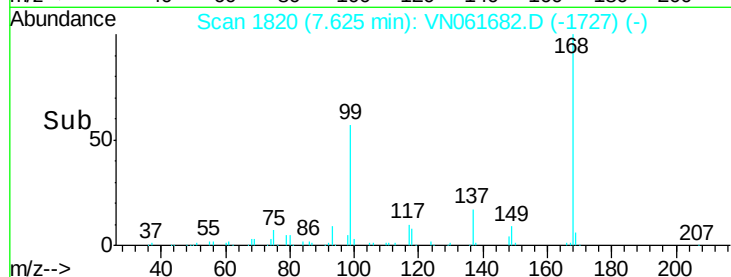
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.329 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061682.D

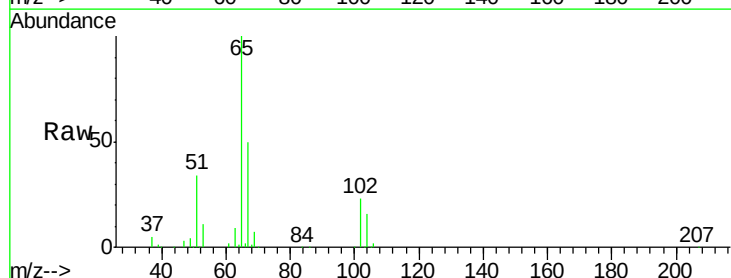
Acq: 5 Jun 2020 20:12

Tgt Ion: 65 Resp: 171585

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

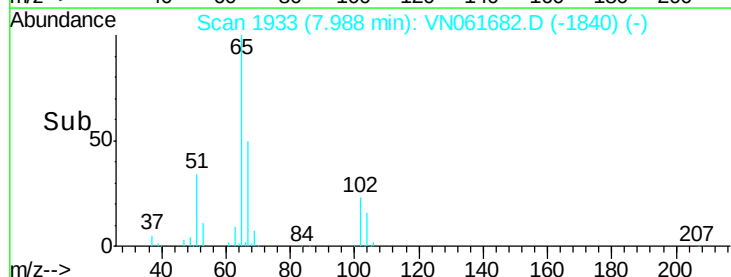
60000

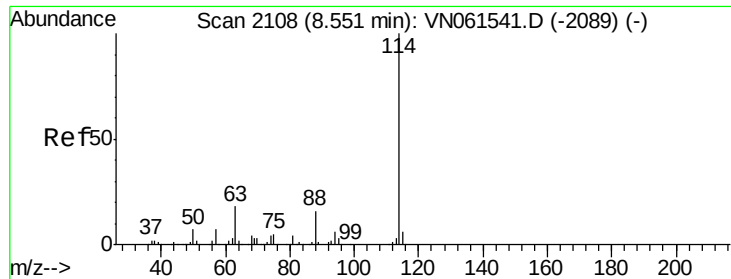
40000

20000

0

Time--> 7.90 8.00 8.10

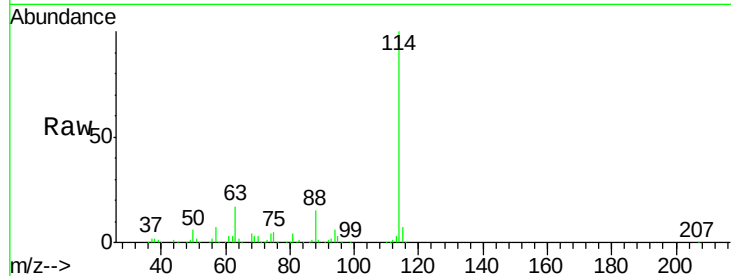




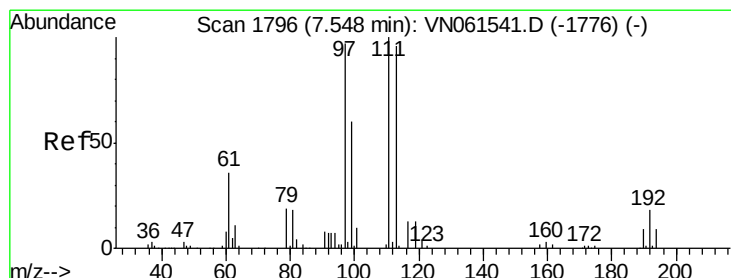
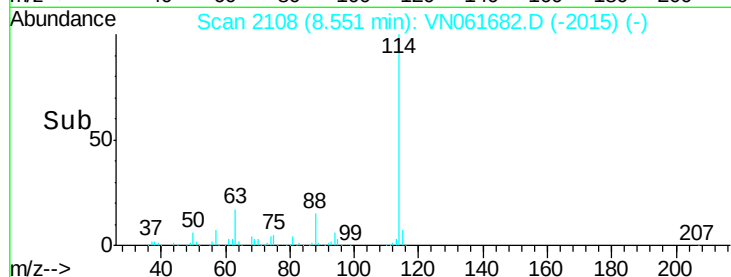
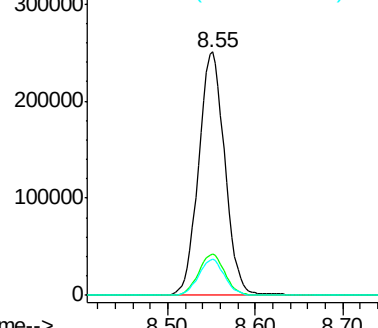
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW008-200604

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.8
88	14.8	0.0	31.0

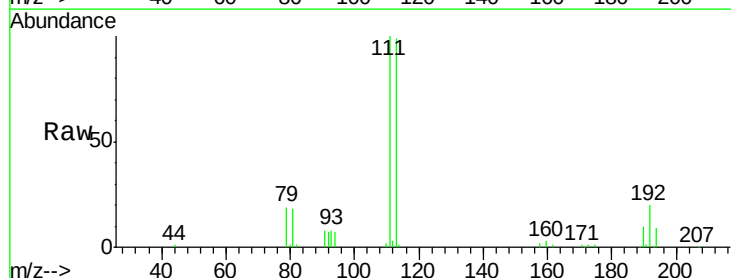


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

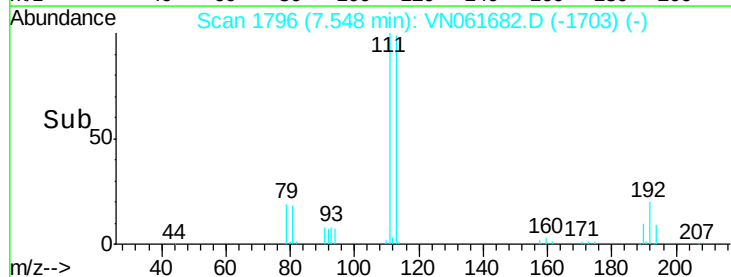
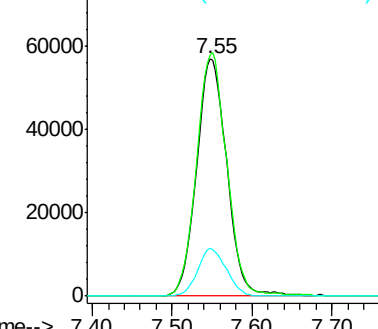


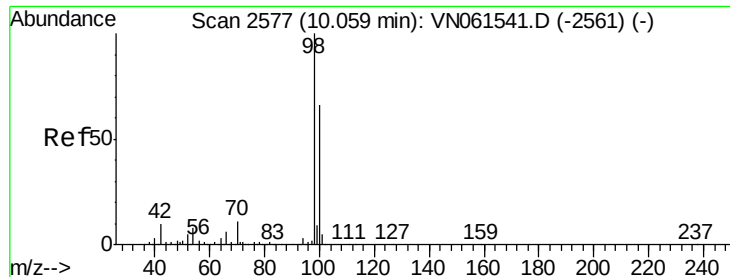
#35
 Dibromofluoromethane
 Concen: 55.542 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.0
192	19.1	15.4	23.2



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: 50.137 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

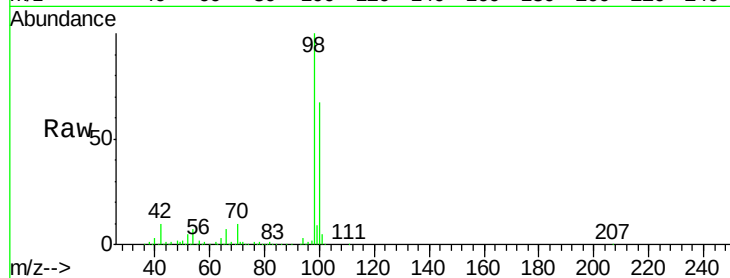
LF012MW008-200604

Tot Ion: 98 Resp: 614070

Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

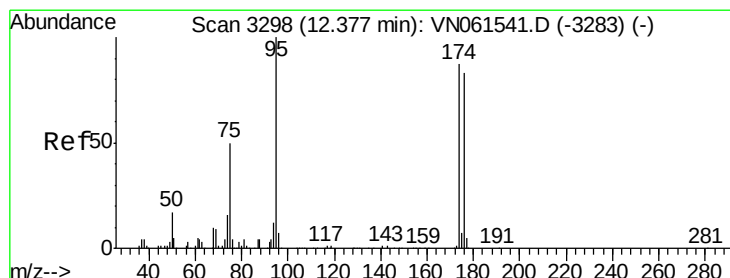
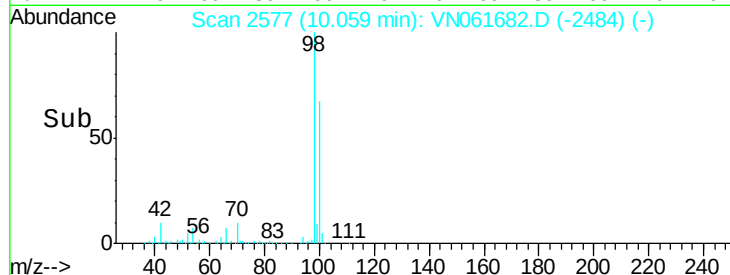
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.711 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

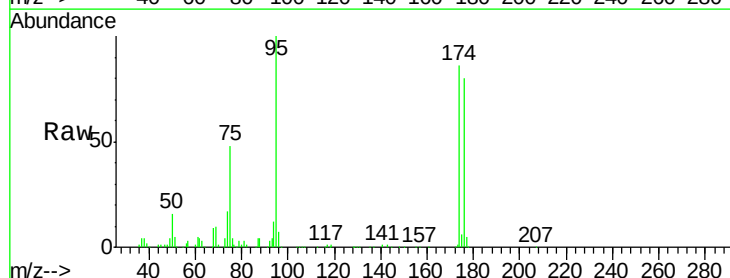
Tgt Ion: 95 Resp: 226599

Ion Ratio Lower Upper

95 100

174 83.9 0.0 172.8

176 80.4 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

12.38

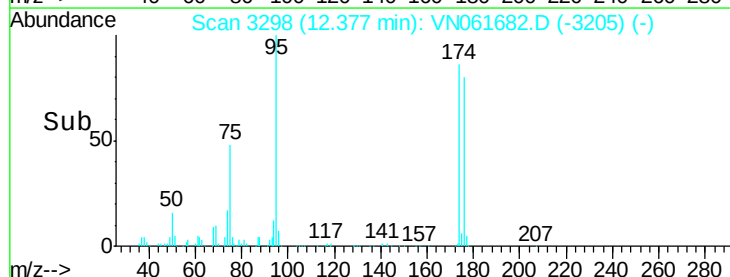
150000

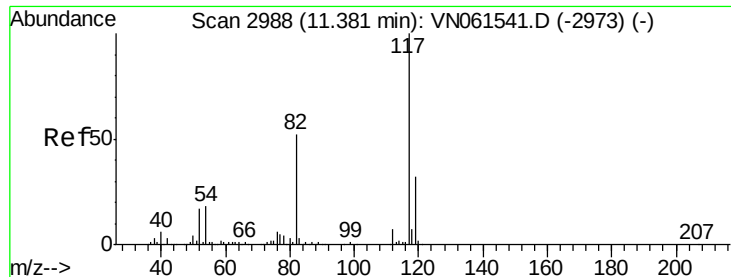
100000

50000

0

Time-->

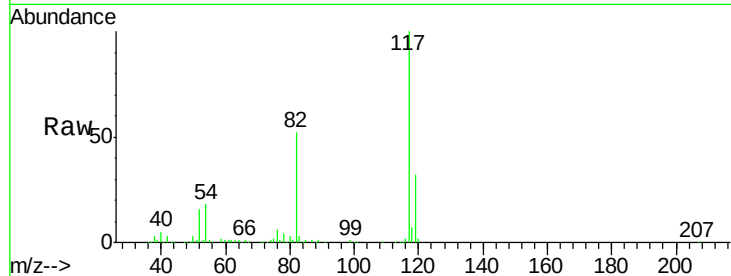




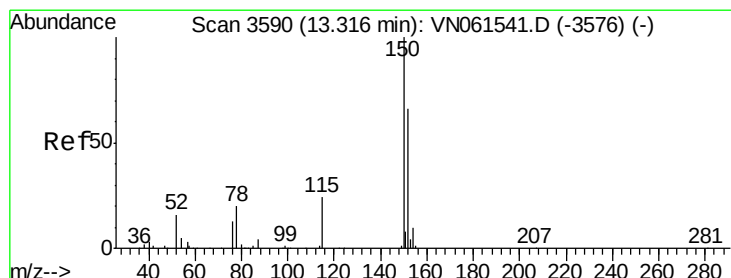
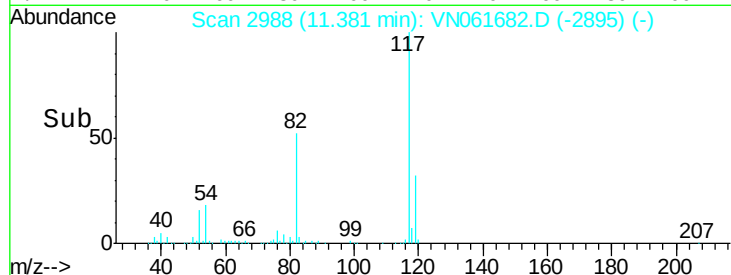
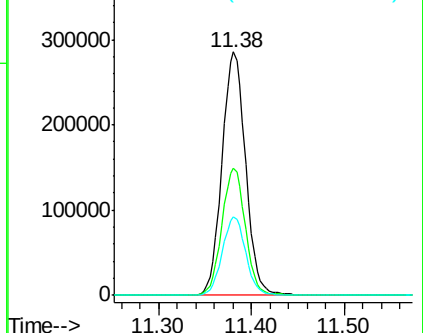
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061682.D
Acq: 5 Jun 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :
LF012MW008-200604

Tot Ion:117 Resp: 504707
Ion Ratio Lower Upper
117 100
82 52.2 41.5 62.3
119 32.1 25.6 38.4

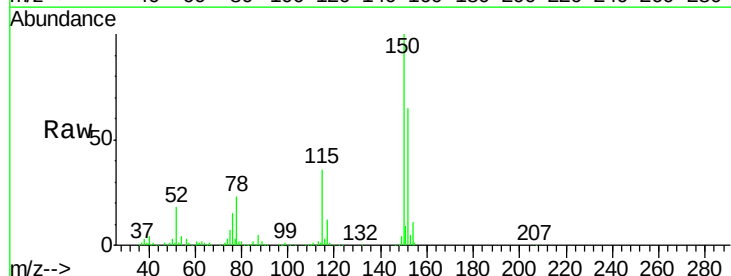


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061682.D
Acq: 5 Jun 2020 20:12

Tgt Ion:152 Resp: 232027
Ion Ratio Lower Upper
152 100
115 57.2 28.0 84.0
150 156.6 0.0 344.0



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

