

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064138.D
 Acq On : 15 Oct 2020 13:02
 Operator : JC/MD
 Sample : L4403-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-10-14-20

Quant Time: Oct 16 16:07:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	260004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	530787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184769	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	215174	58.11	ug/l	0.00
Spiked Amount			Recovery	=	116.22%	
35) Dibromofluoromethane	7.55	113	180545	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
50) Toluene-d8	10.06	98	657504	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.38	95	217427	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	

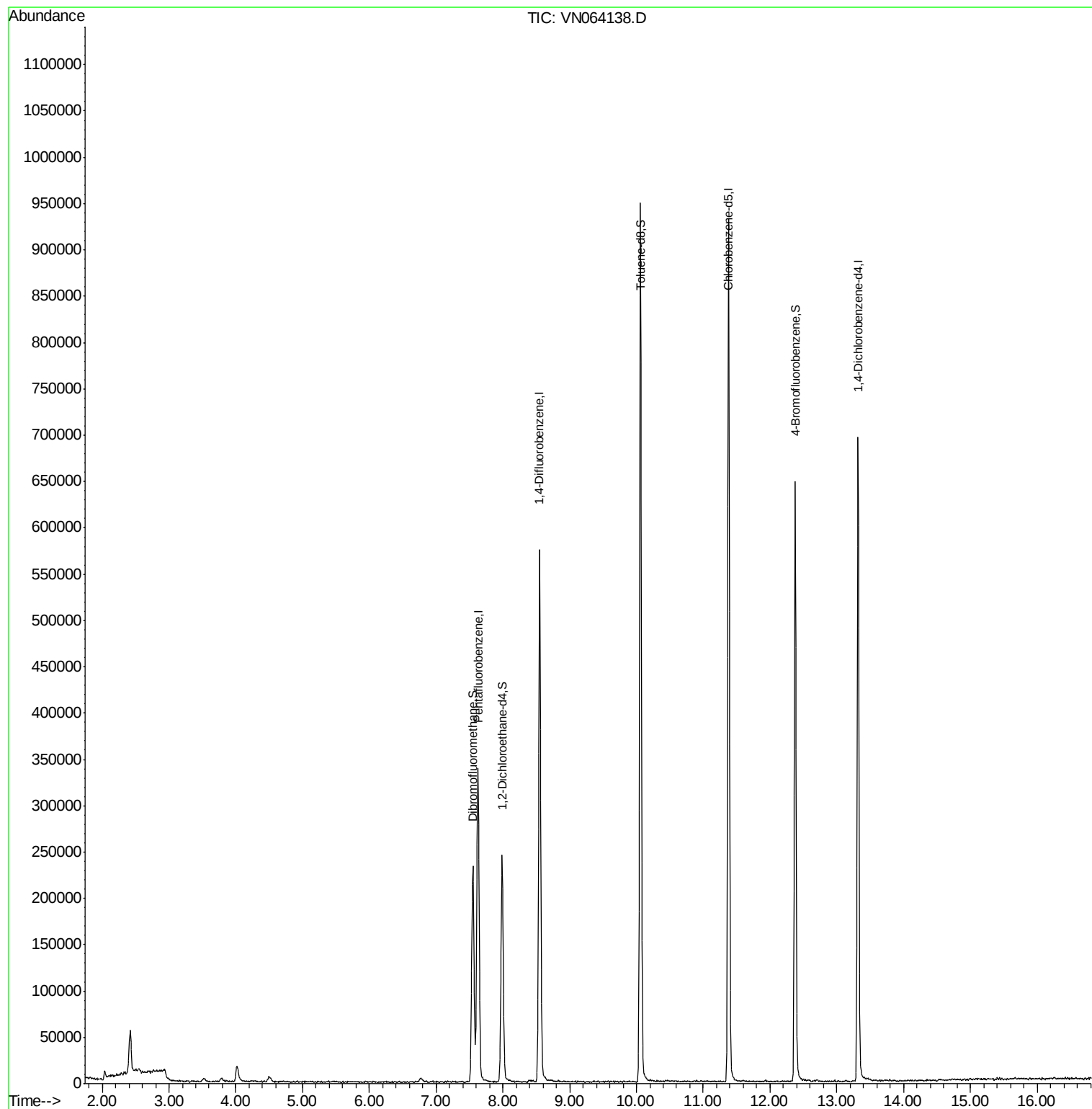
Target Compounds	Qvalue
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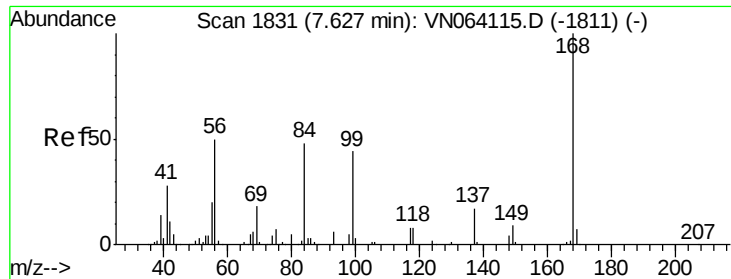
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064138.D

Acq: 15 Oct 2020 13:02

Instrument :

MSVOA_N

ClientSampleId :

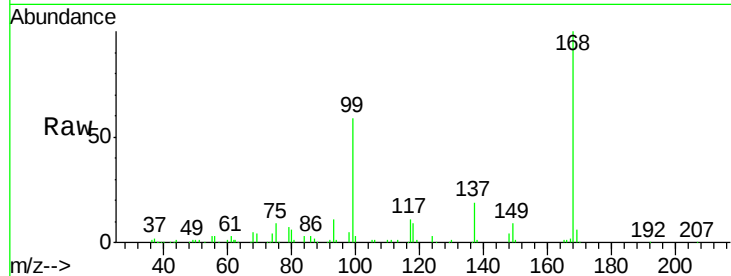
TB-10-14-20

Tot Ion:168 Resp: 260004

Ion Ratio Lower Upper

168 100

99 59.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN064115.D

Ion 98.90 (98.60 to 99.60): VN064115.D

7.63

120000

100000

80000

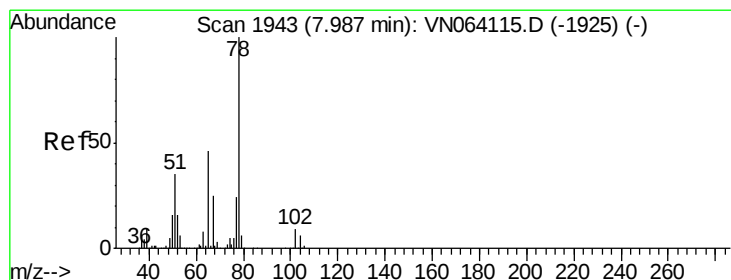
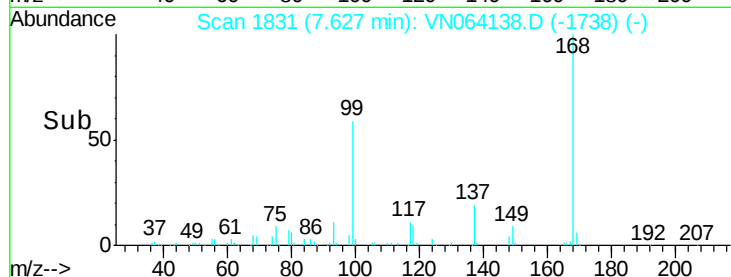
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.108 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064138.D

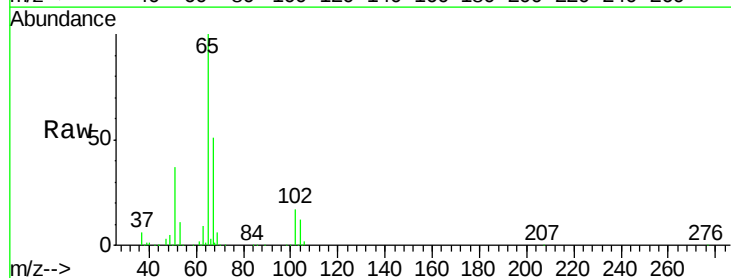
Acq: 15 Oct 2020 13:02

Tgt Ion: 65 Resp: 215174

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN064115.D

Ion 66.90 (66.60 to 67.60): VN064115.D

7.99

100000

80000

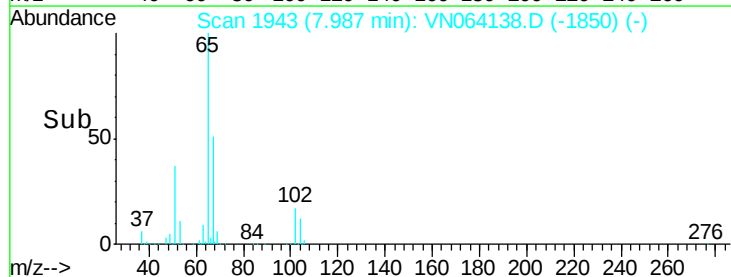
60000

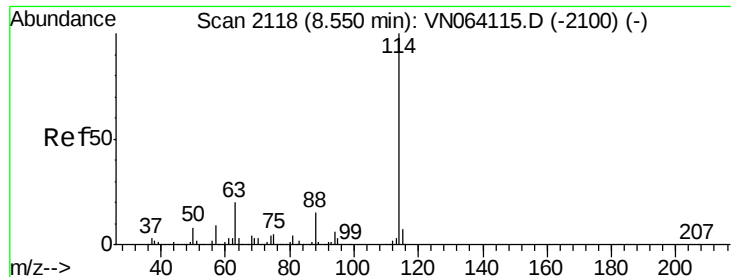
40000

20000

0

Time-->

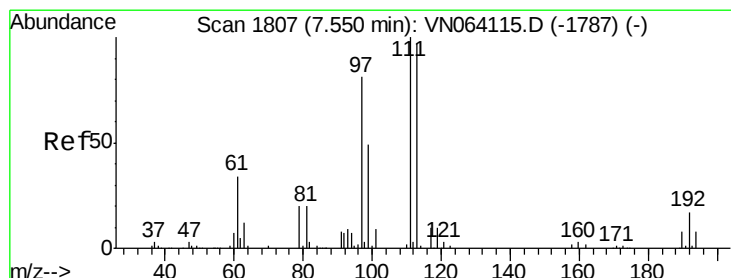
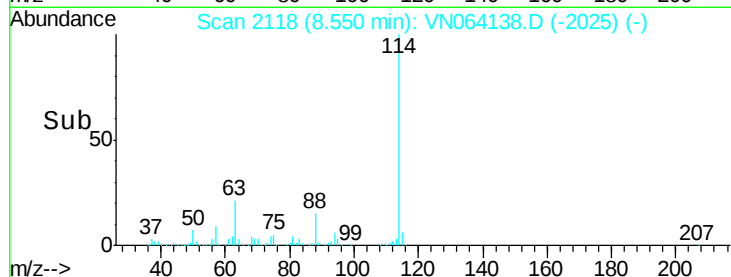
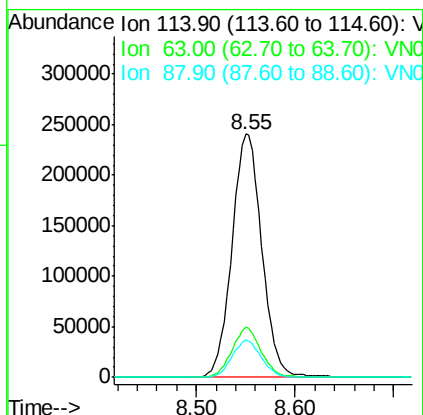
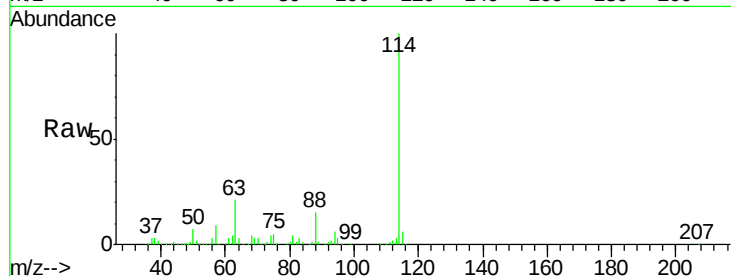




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064138.D
 Acq: 15 Oct 2020 13:02

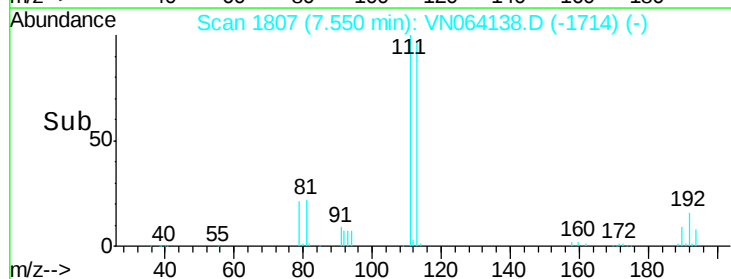
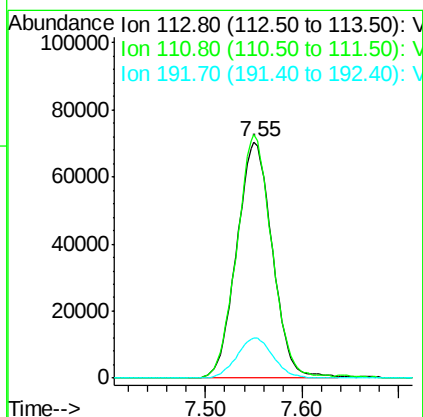
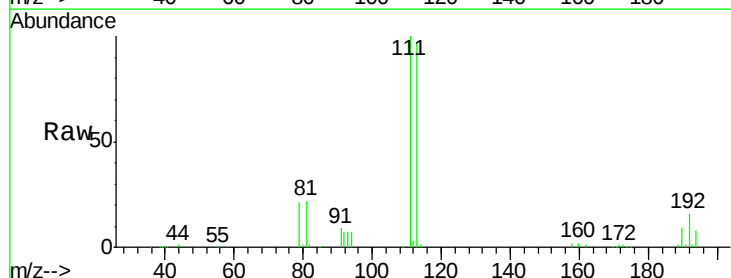
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-10-14-20

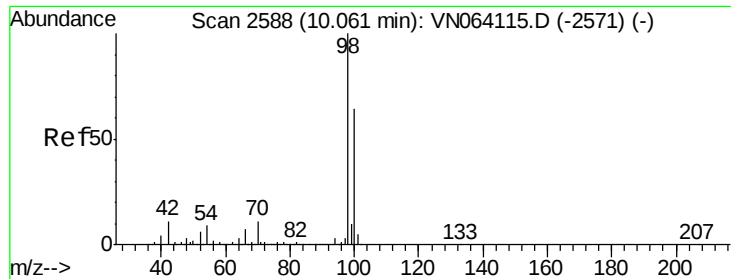
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.0
88	15.2	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 51.411 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064138.D
 Acq: 15 Oct 2020 13:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	17.3	14.3	21.5





#50

Toluene-d8

Concen: 49.621 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064138.D

Acq: 15 Oct 2020 13:02

Instrument :

MSVOA_N

ClientSampled :

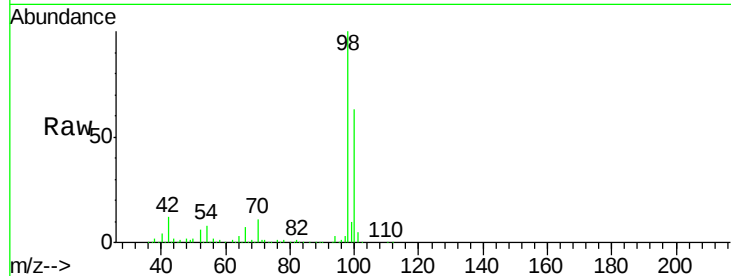
TB-10-14-20

Tot Ion: 98 Resp: 657504

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

400000

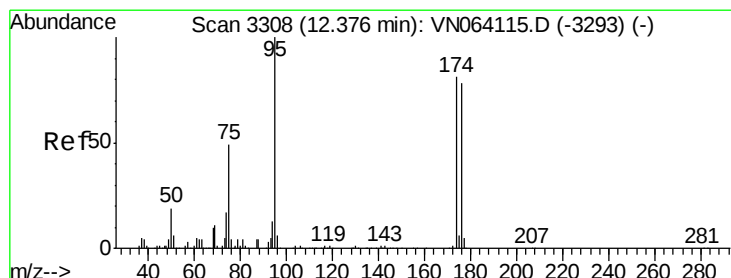
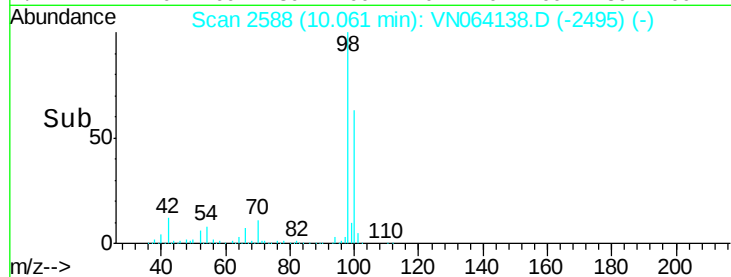
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.739 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064138.D

Acq: 15 Oct 2020 13:02

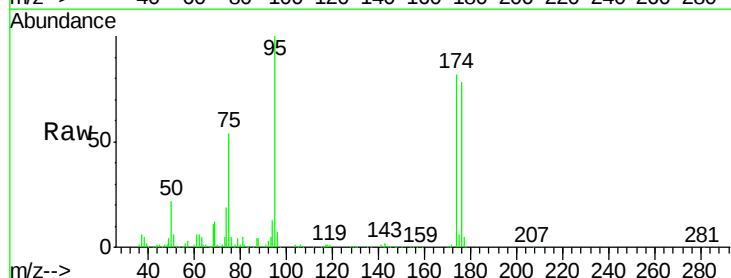
Tgt Ion: 95 Resp: 217427

Ion Ratio Lower Upper

95 100

174 80.9 0.0 164.8

176 78.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

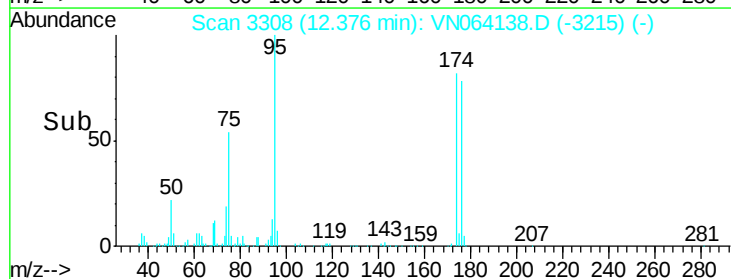
150000

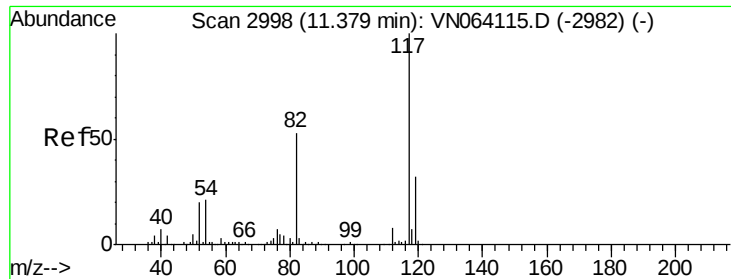
100000

50000

0

Time-->

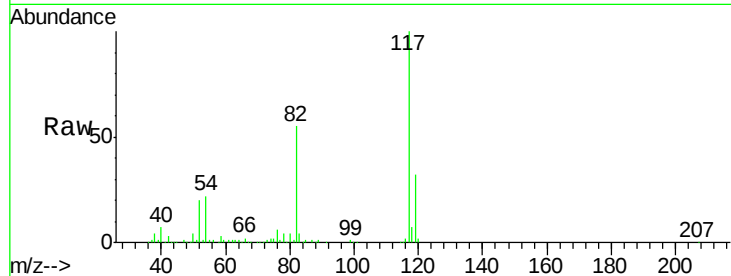




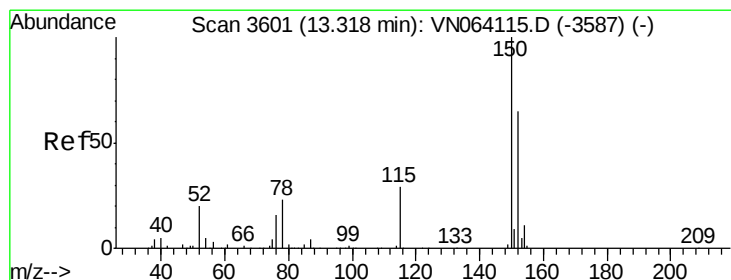
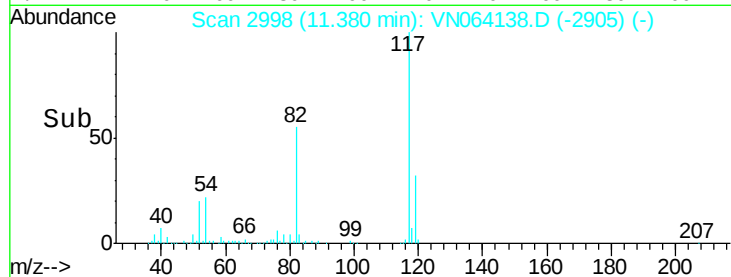
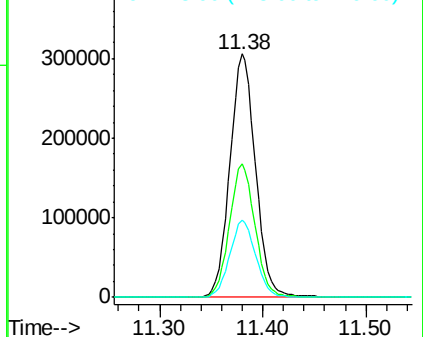
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064138.D
Acq: 15 Oct 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :
TB-10-14-20

Tot Ion:117 Resp: 530787
Ion Ratio Lower Upper
117 100
82 54.9 42.6 63.8
119 31.6 25.5 38.3

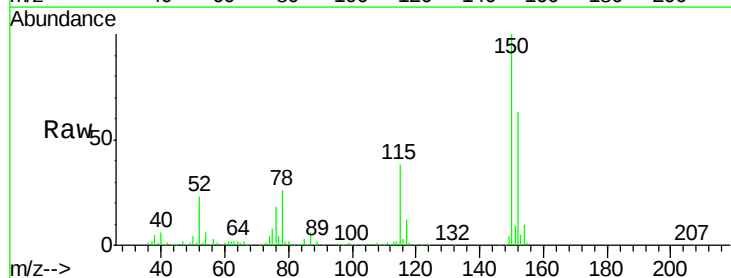


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064138.D
Acq: 15 Oct 2020 13:02

Tgt Ion:152 Resp: 184769
Ion Ratio Lower Upper
152 100
115 61.6 29.3 87.8
150 162.2 0.0 346.0



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

