

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064906.D
 Acq On : 3 Dec 2020 17:51
 Operator : JC/MD
 Sample : L4938-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-3-20

Quant Time: Dec 04 04:23:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	175679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	326401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107522	52.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	105.30%		
35) Dibromofluoromethane	7.55	113	99126	52.85	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.70%		
50) Toluene-d8	10.06	98	393720	51.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.76%		
62) 4-Bromofluorobenzene	12.38	95	151831	55.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.72%		

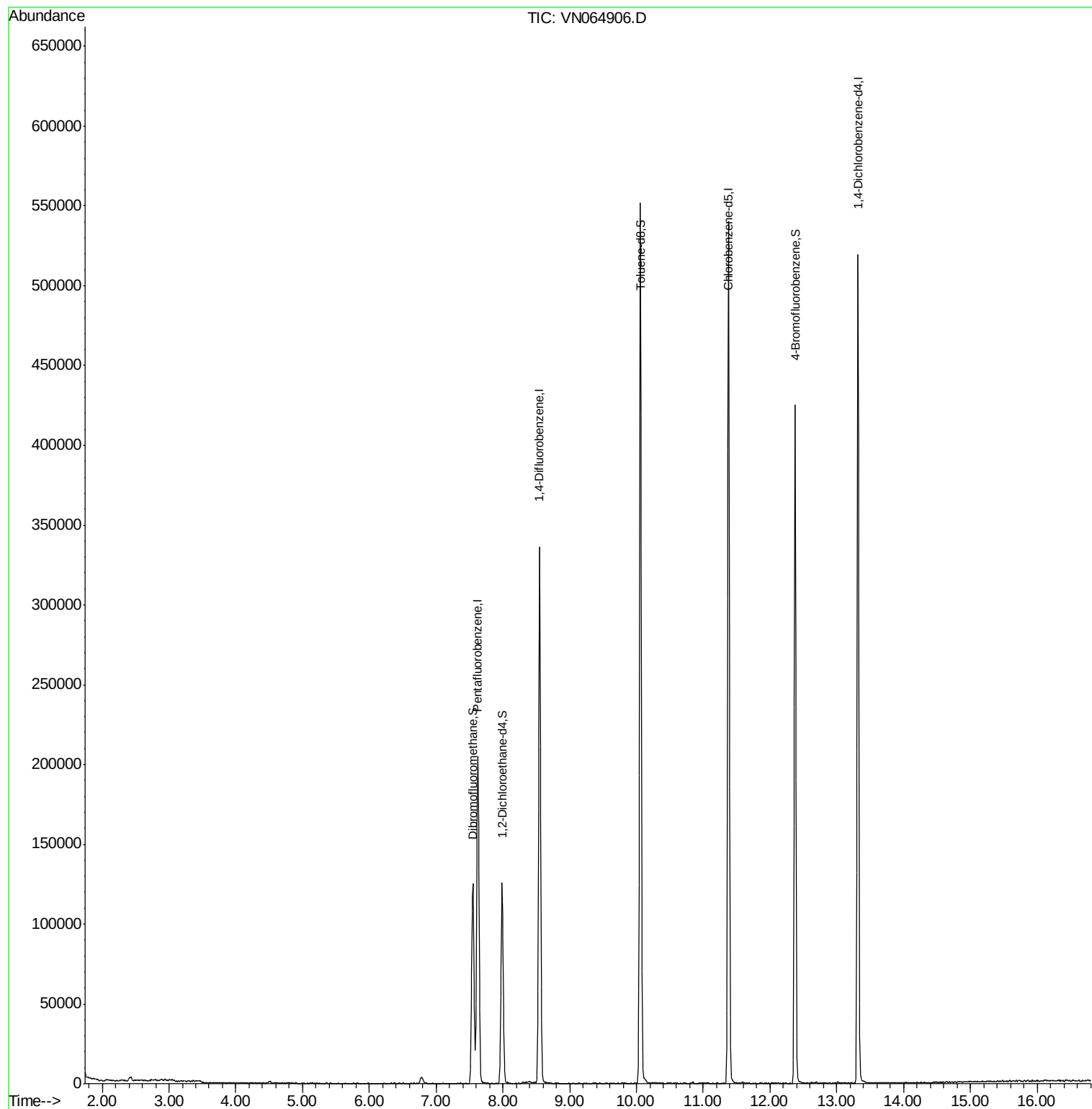
Target Compounds	Qvalue
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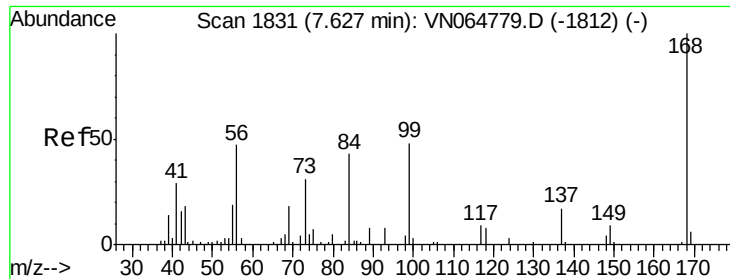
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120320\
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Quant Title : SW846 8260
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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: VN064906.D

Acq: 3 Dec 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

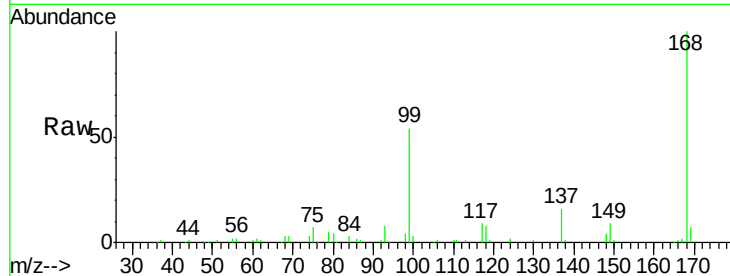
TB-12-3-20

Tot Ion:168 Resp: 175679

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

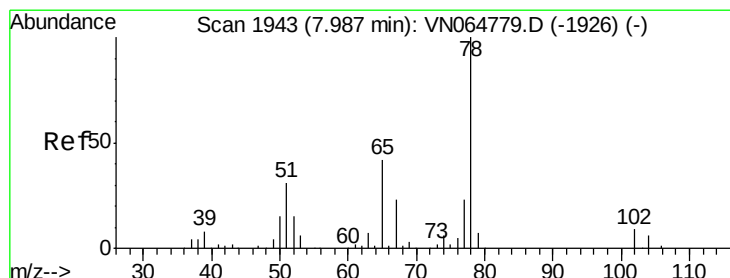
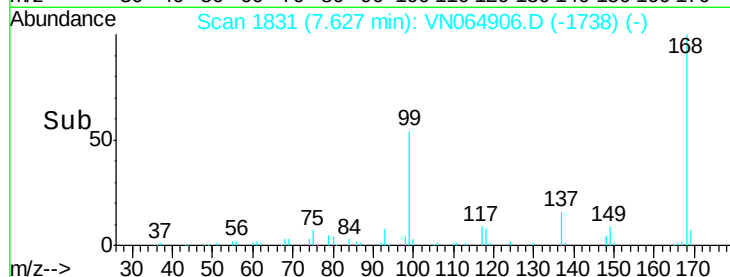
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.645 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064906.D

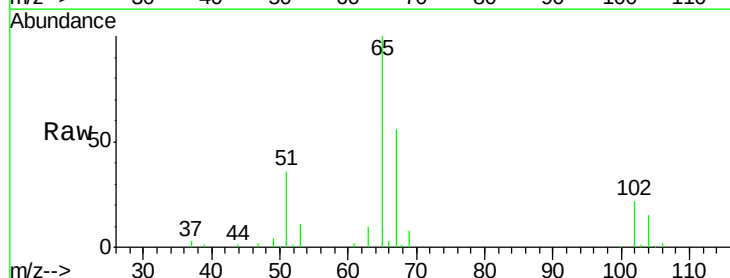
Acq: 3 Dec 2020 17:51

Tgt Ion: 65 Resp: 107522

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

30000

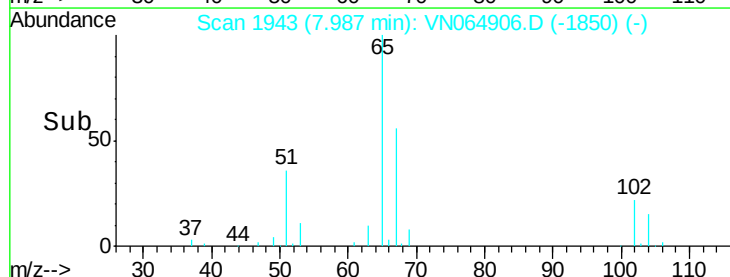
20000

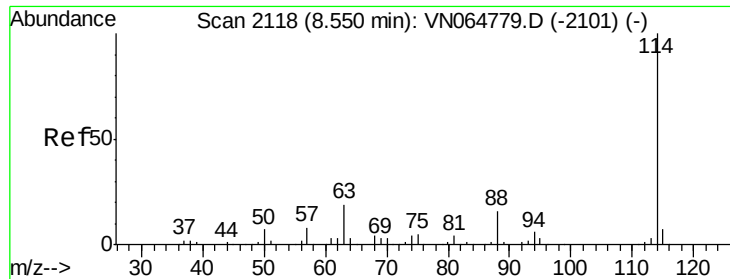
10000

0

7.90 7.95 8.00 8.05 8.10

Time-->

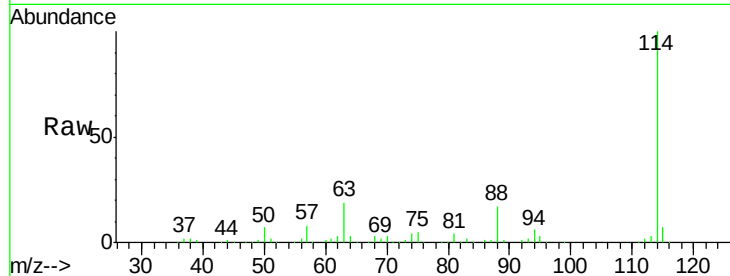




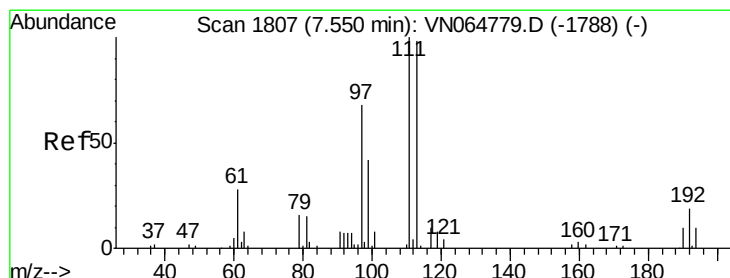
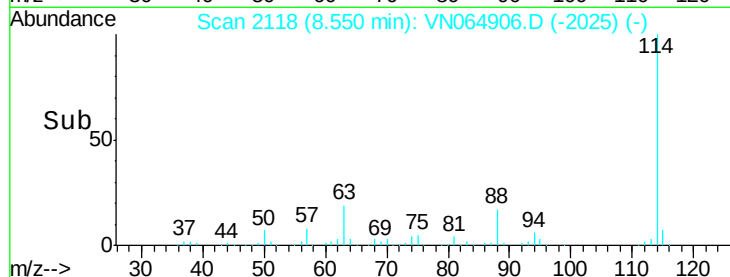
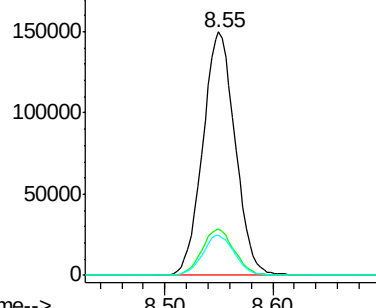
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064906.D
 Acq: 3 Dec 2020 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-3-20

Tot Ion:114 Resp: 313443
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 16.5 0.0 32.6

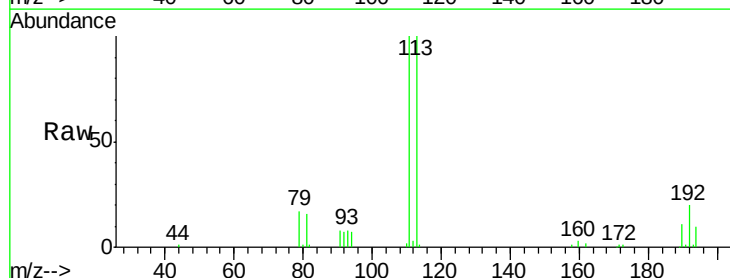


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

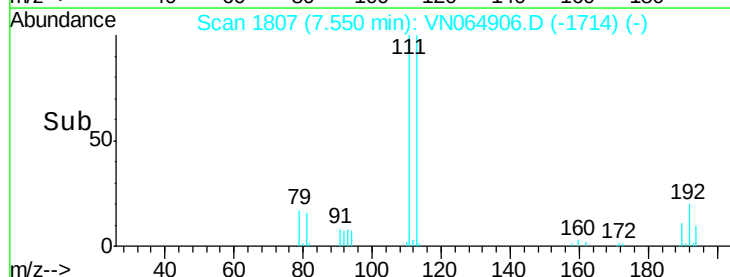
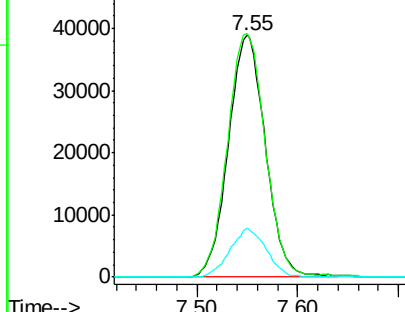


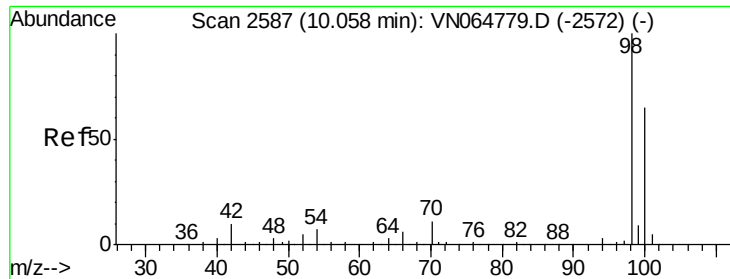
#35
 Dibromofluoromethane
 Concen: 52.852 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN064906.D
 Acq: 3 Dec 2020 17:51

Tgt Ion:113 Resp: 99126
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.6 122.4
 192 19.7 16.2 24.2



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: 51.377 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064906.D

Acq: 3 Dec 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

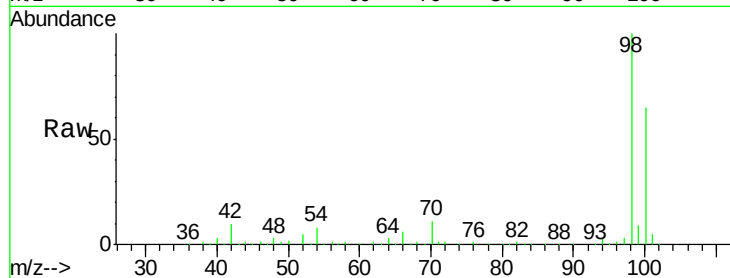
TB-12-3-20

Tot Ion: 98 Resp: 393720

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

250000

200000

150000

100000

50000

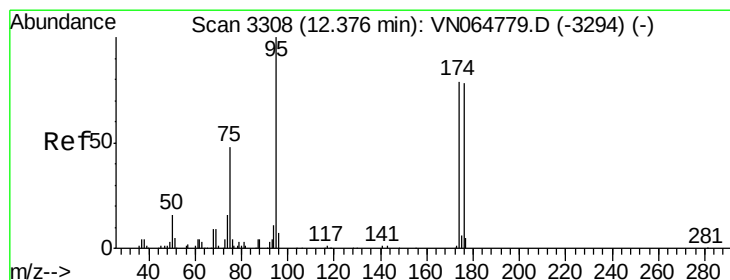
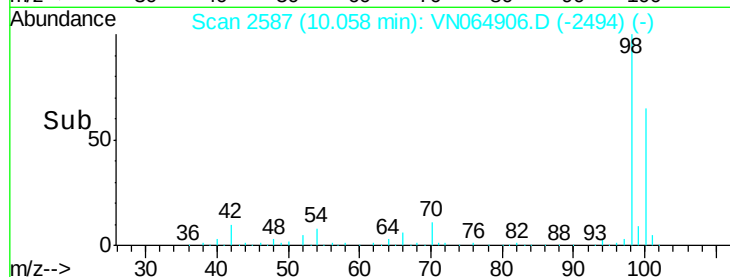
0

10.06

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 55.361 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064906.D

Acq: 3 Dec 2020 17:51

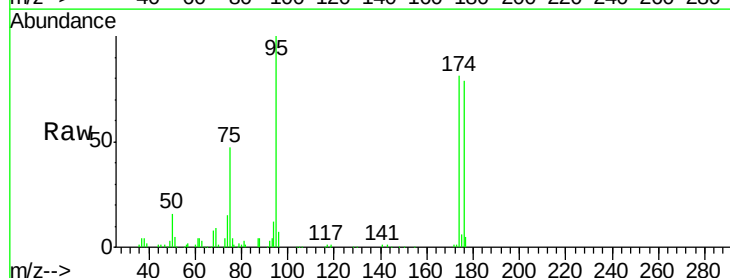
Tgt Ion: 95 Resp: 151831

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.4

176 79.6 0.0 158.4



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

120000

100000

80000

60000

40000

20000

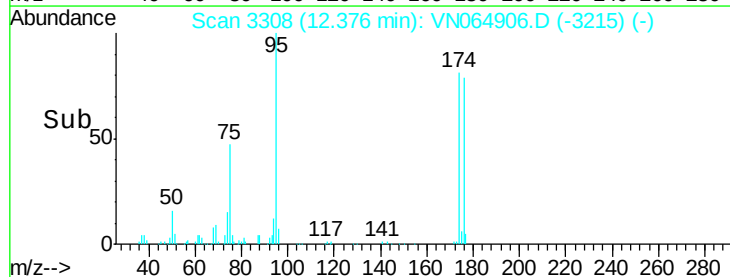
0

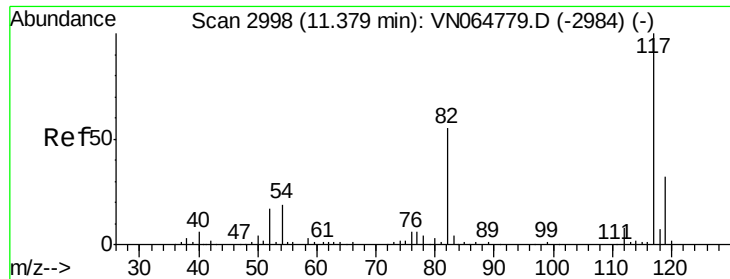
12.38

12.40

12.45

Time-->

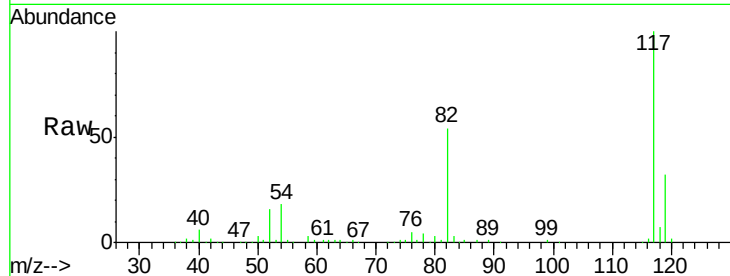




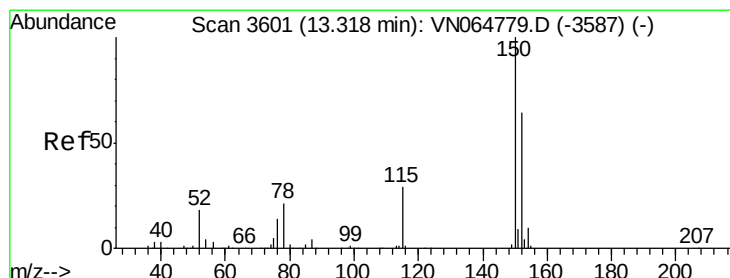
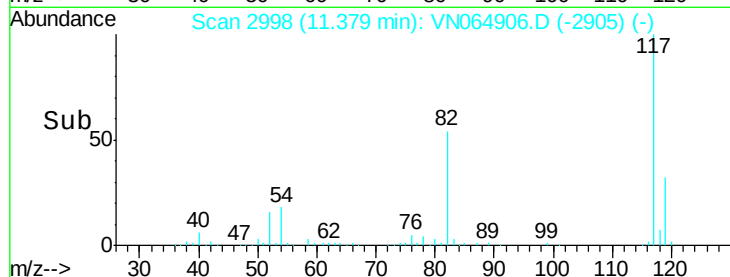
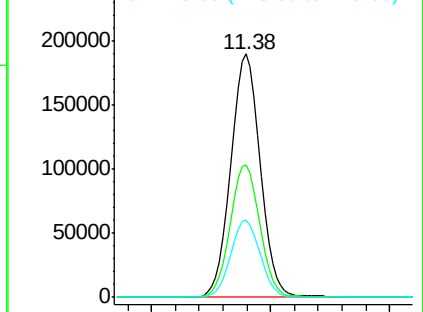
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064906.D
Acq: 3 Dec 2020 17:51

Instrument :
MSVOA_N
ClientSampled :
TB-12-3-20

Tot Ion:117 Resp: 326401
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.6 25.8 38.6

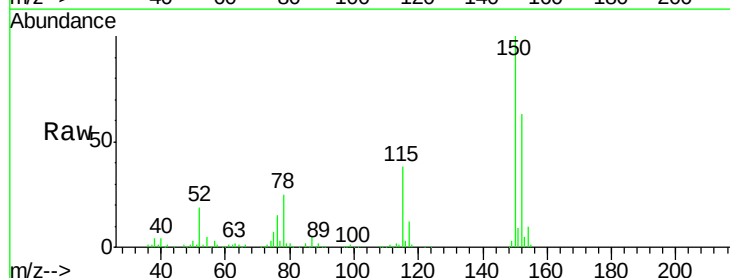


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064906.D
Acq: 3 Dec 2020 17:51

Tgt Ion:152 Resp: 145909
Ion Ratio Lower Upper
152 100
115 59.7 29.7 89.1
150 160.1 0.0 350.6



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

