

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064808.D
 Acq On : 24 Nov 2020 14:15
 Operator : JC/MD
 Sample : L4829-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Nov 25 13:14:38 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

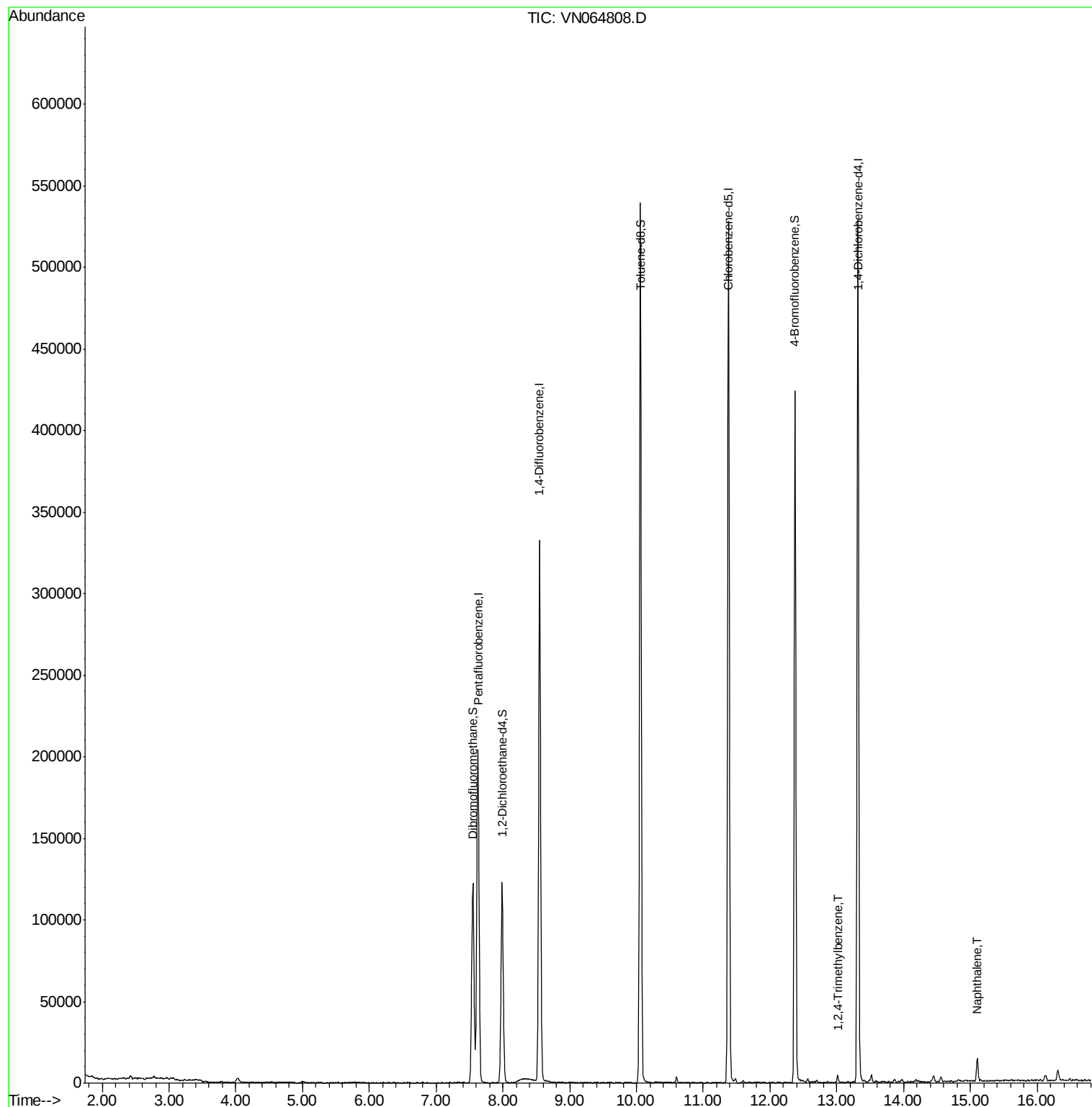
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	171526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	306619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	320563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104242	52.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	104.56%	
35) Dibromofluoromethane	7.55	113	94529	51.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	103.04%	
50) Toluene-d8	10.06	98	385915	51.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.37	95	152417	56.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	113.62%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.01	105	3675	0.430	ug/l	87
95) Naphthalene	15.10	128	14410	1.626	ug/l	99

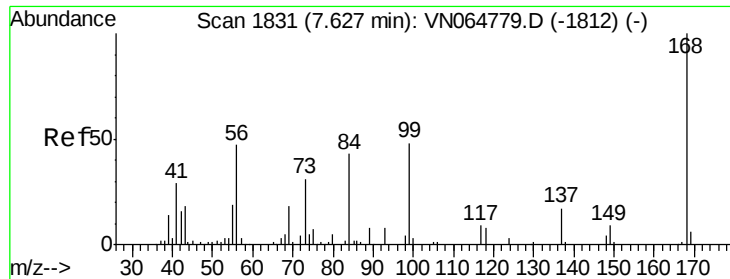
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064808.D

Acq: 24 Nov 2020 14:15

Instrument :

MSVOA_N

ClientSampled :

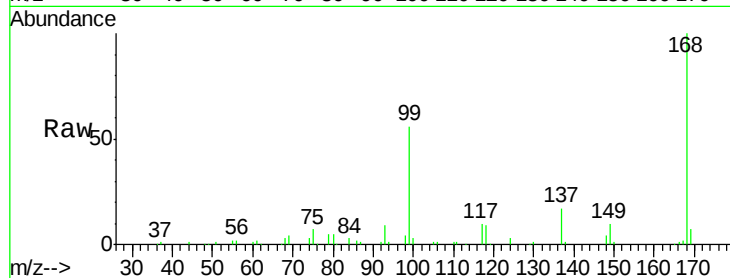
MW-7

Tot Ion:168 Resp: 171526

Ion Ratio Lower Upper

168 100

99 56.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

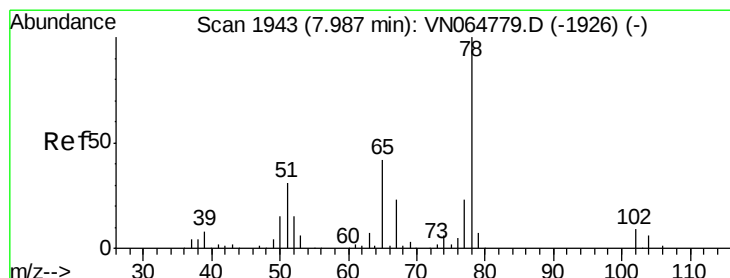
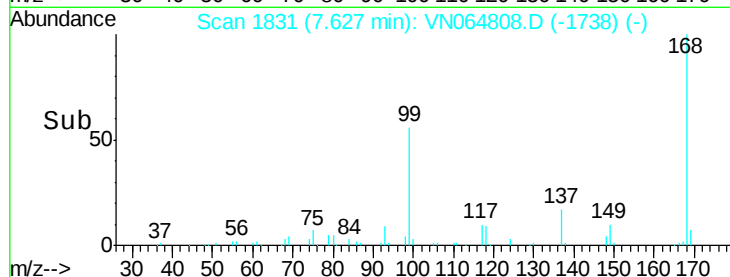
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.275 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064808.D

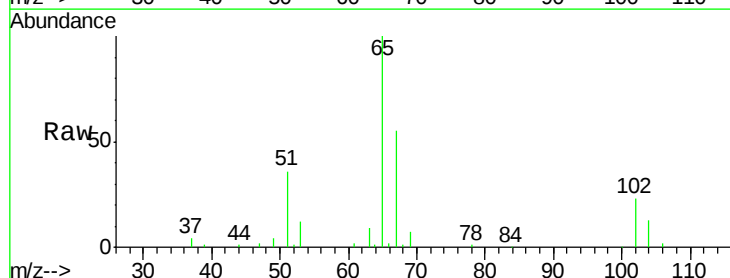
Acq: 24 Nov 2020 14:15

Tgt Ion: 65 Resp: 104242

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

50000

40000

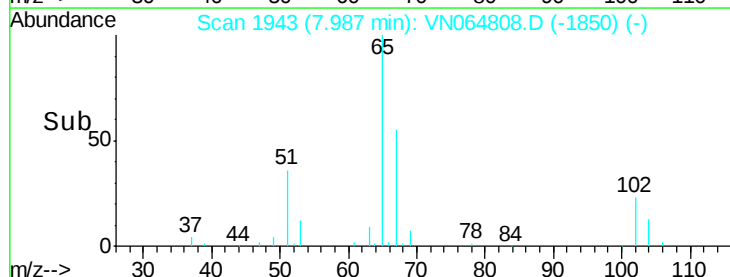
30000

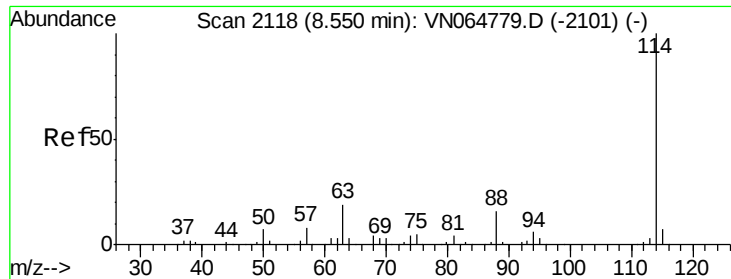
20000

10000

0

Time--> 7.90 8.00 8.10

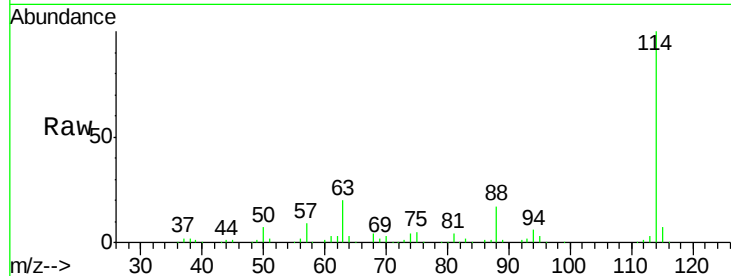




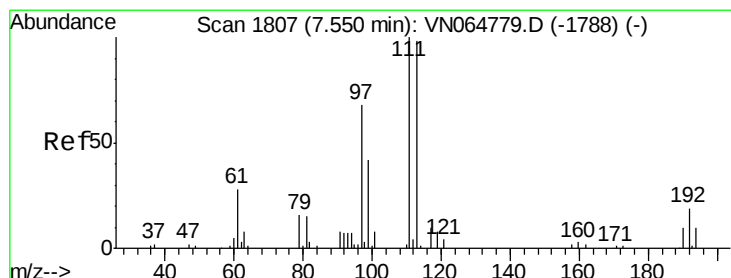
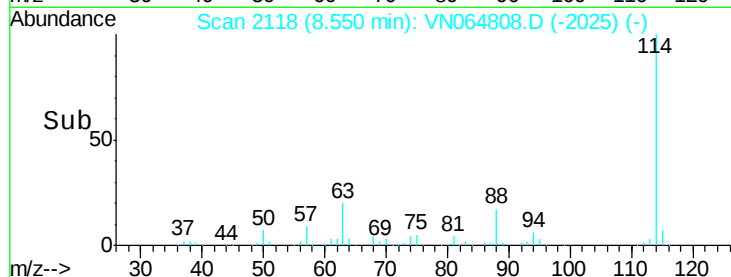
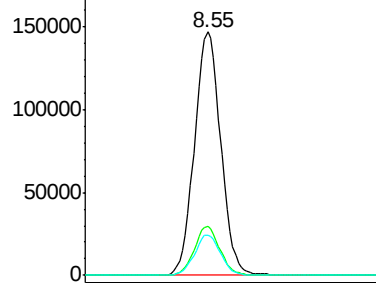
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064808.D
Acq: 24 Nov 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tot Ion:114 Resp: 306619
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 16.5 0.0 32.6

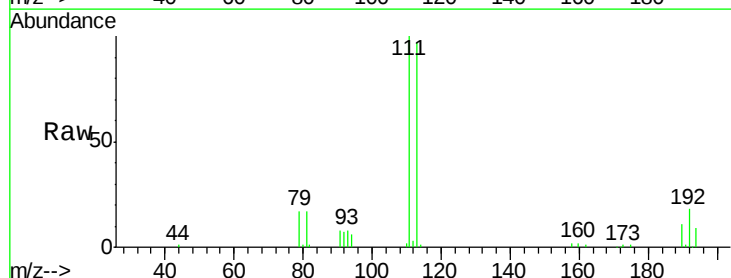


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

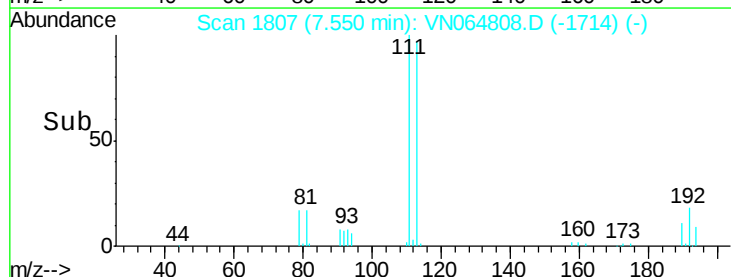
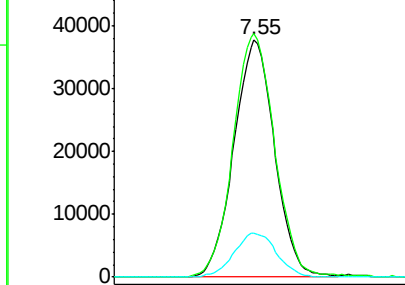


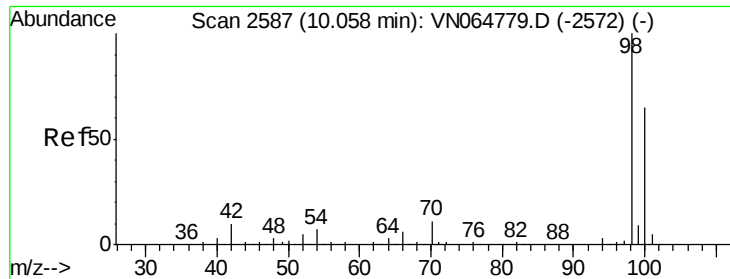
#35
Dibromofluoromethane
Concen: 51.523 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064808.D
Acq: 24 Nov 2020 14:15

Tgt Ion:113 Resp: 94529
Ion Ratio Lower Upper
113 100
111 104.8 81.6 122.4
192 19.4 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: 51.479 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064808.D

Acq: 24 Nov 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

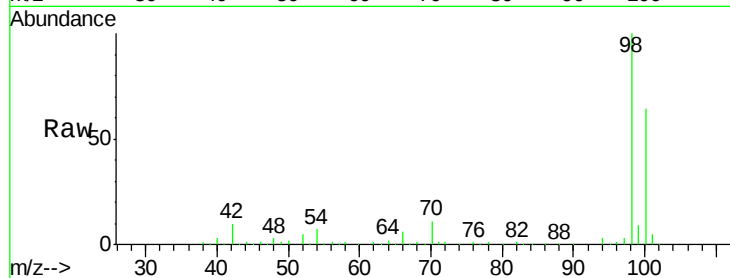
MW-7

Tot Ion: 98 Resp: 385915

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

250000

200000

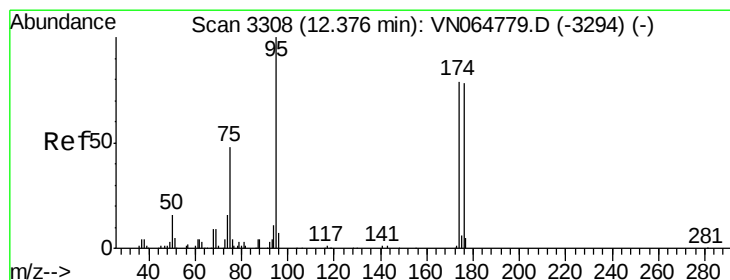
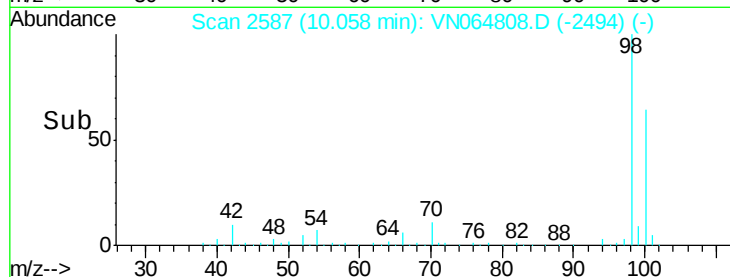
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.812 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064808.D

Acq: 24 Nov 2020 14:15

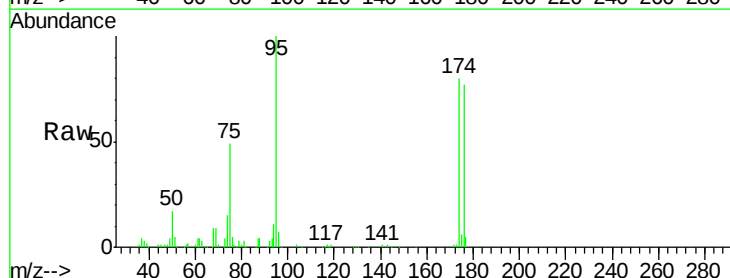
Tgt Ion: 95 Resp: 152417

Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.4

176 77.8 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.37

120000

100000

80000

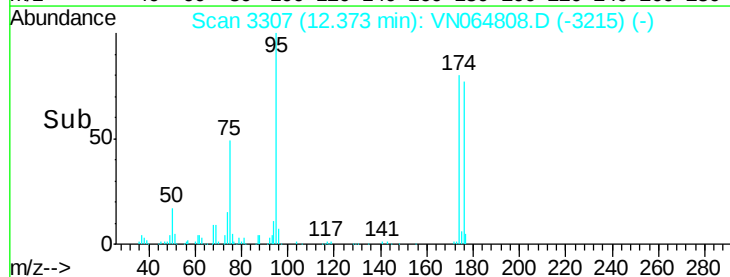
60000

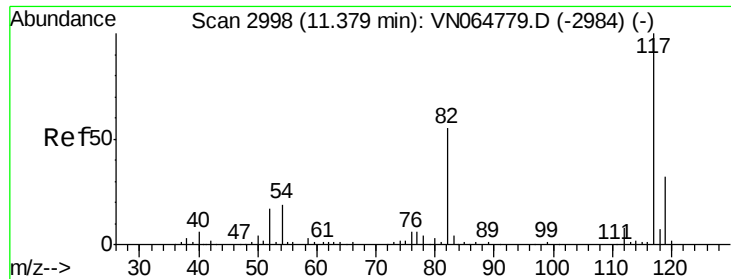
40000

20000

0

Time-->

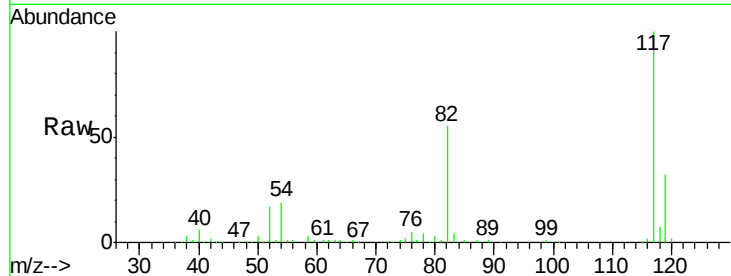




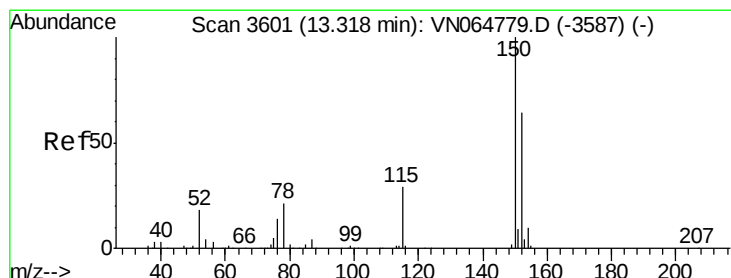
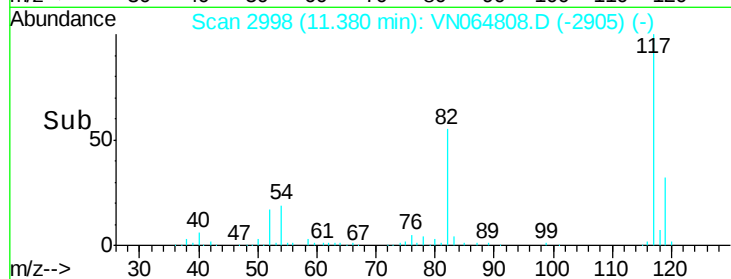
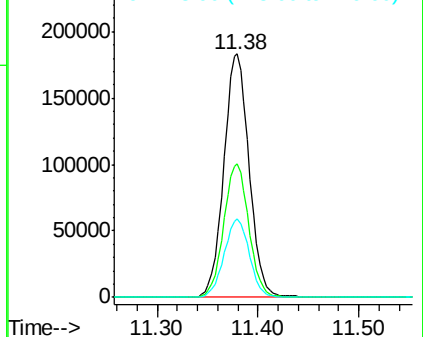
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064808.D
Acq: 24 Nov 2020 14:15

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tot Ion:117 Resp: 320563
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.0 25.8 38.6

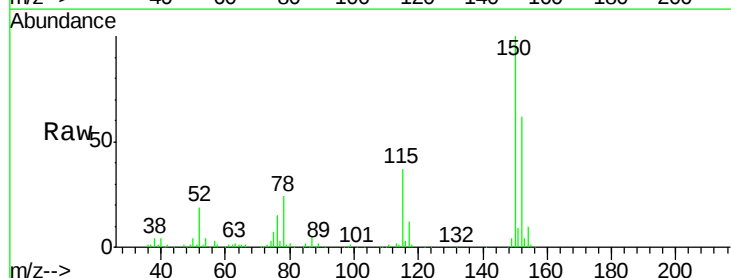


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

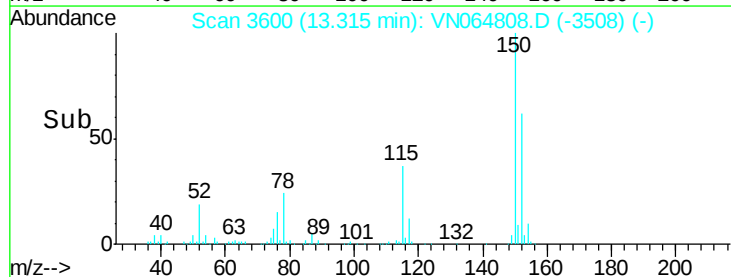
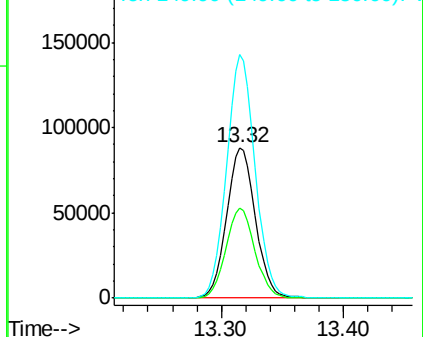


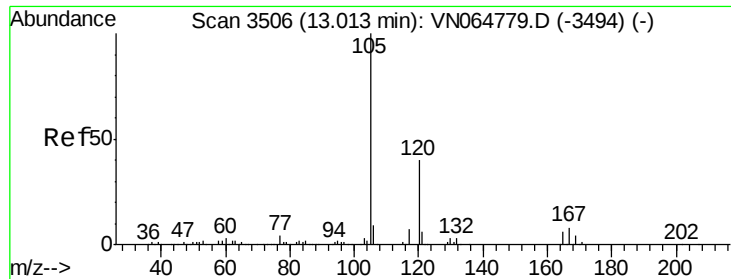
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064808.D
Acq: 24 Nov 2020 14:15

Tgt Ion:152 Resp: 146167
Ion Ratio Lower Upper
152 100
115 60.1 29.7 89.1
150 159.9 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





#84

1,2,4-Trimethylbenzene

Concen: 0.430 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064808.D

Acq: 24 Nov 2020 14:15

Instrument :

MSVOA_N

ClientSampled :

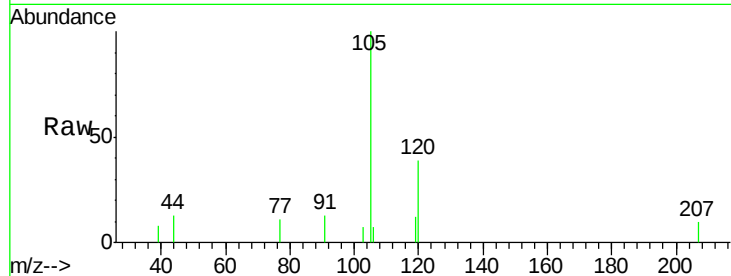
MW-7

Tot Ion:105 Resp: 3675

Ion Ratio Lower Upper

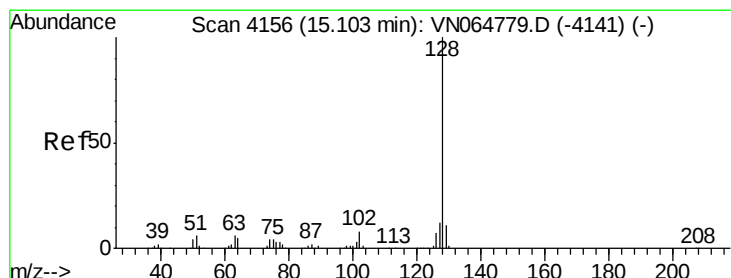
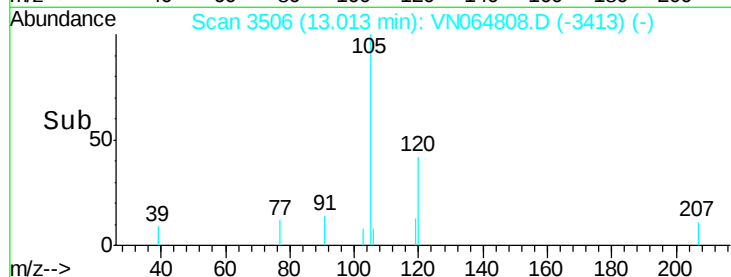
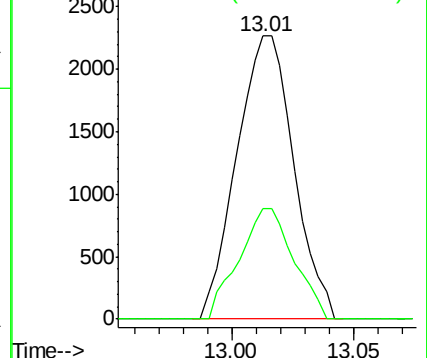
105 100

120 37.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.626 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064808.D

Acq: 24 Nov 2020 14:15

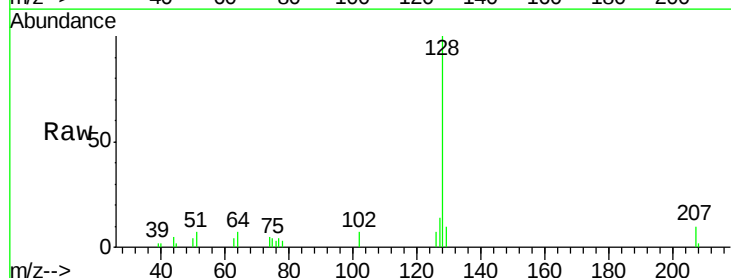
Tgt Ion:128 Resp: 14410

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

