

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064772.D
 Acq On : 20 Nov 2020 9:55
 Operator : JC/MD
 Sample : L4778-08 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1841

Quant Time: Nov 20 15:18:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

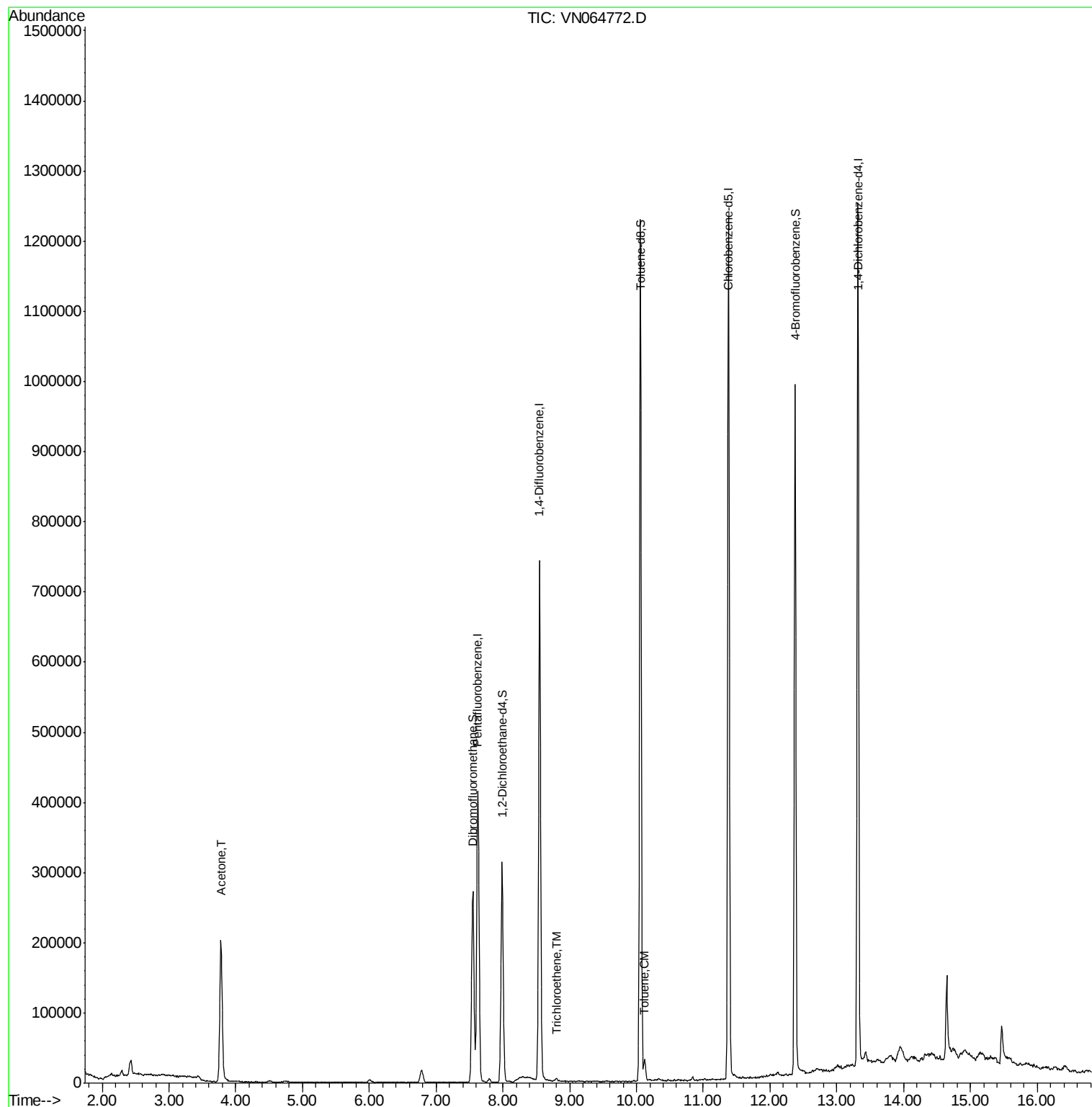
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	326788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	648231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	696071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	320391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	274508	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
35) Dibromofluoromethane	7.55	113	211265	57.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.52%	
50) Toluene-d8	10.06	98	834864	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.38	95	356276	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.68%	
Target Compounds						
16) Acetone	3.78	43	341635	245.710	ug/l	92
44) Trichloroethene	8.81	130	1460	0.274	ug/l	98
52) Toluene	10.12	92	11862	1.036	ug/l	96

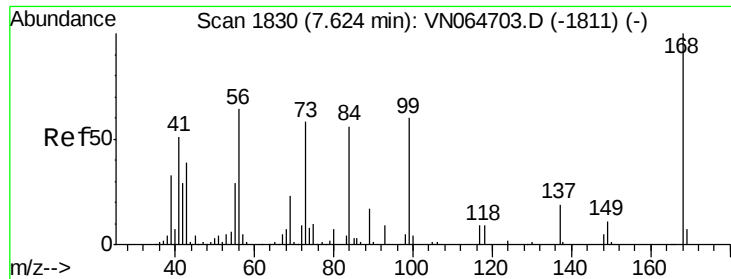
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
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QLast Update : Wed Nov 18 15:29:54 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: VN064772.D

Acq: 20 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

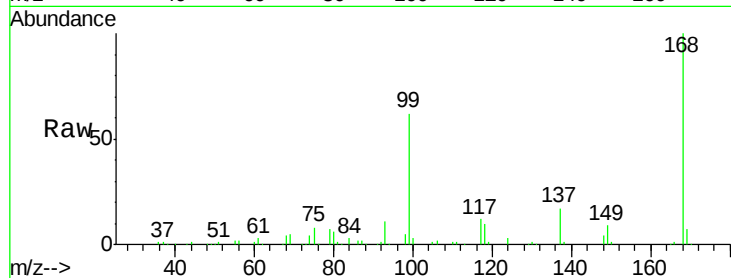
1841

Tot Ion:168 Resp: 326788

Ion Ratio Lower Upper

168 100

99 61.8 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

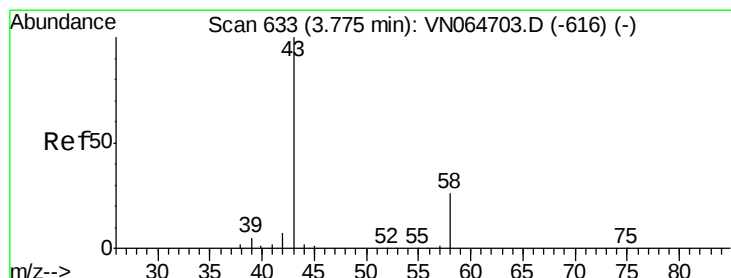
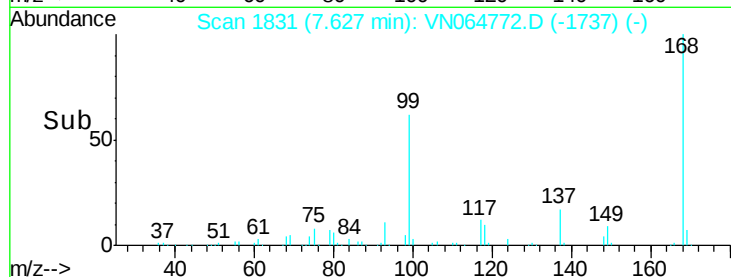
100000

50000

0

Time-->

7.50 7.60 7.70



#16

Acetone

Concen: 245.710 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064772.D

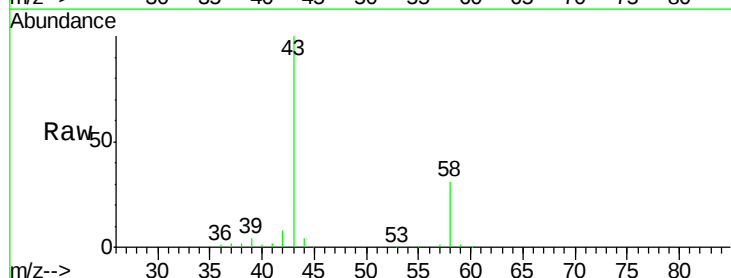
Acq: 20 Nov 2020 9:55

Tgt Ion: 43 Resp: 341635

Ion Ratio Lower Upper

43 100

58 30.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

150000

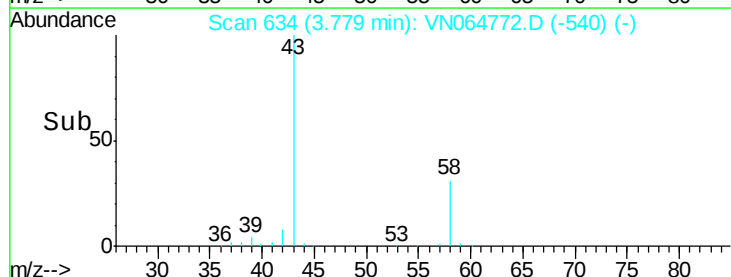
100000

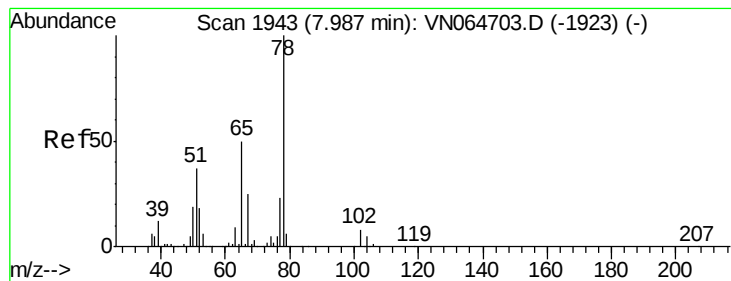
50000

0

Time-->

3.60 3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 47.751 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064772.D

Acq: 20 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampled :

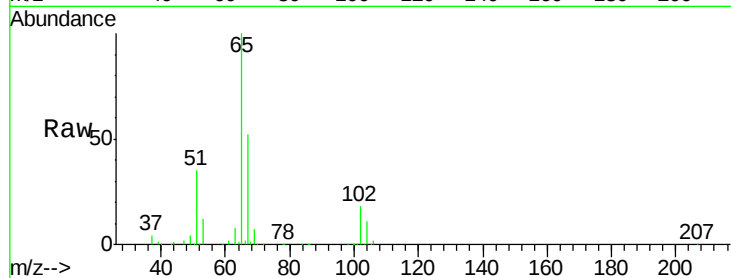
1841

Tot Ion: 65 Resp: 274508

Ion Ratio Lower Upper

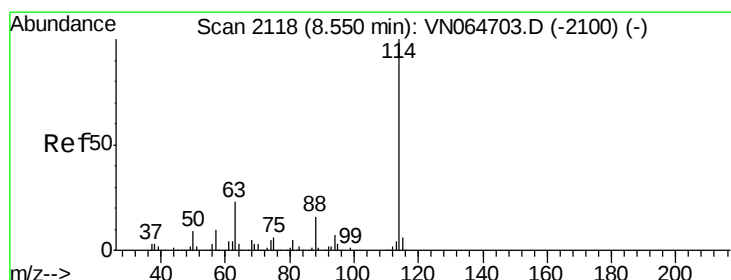
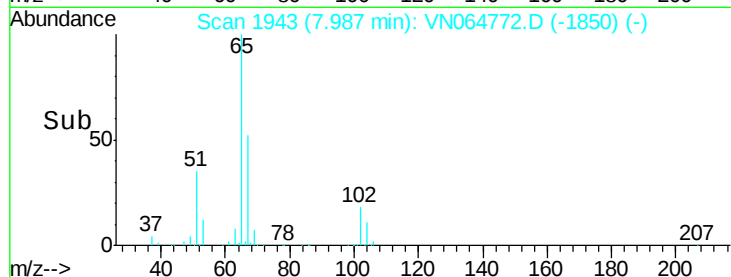
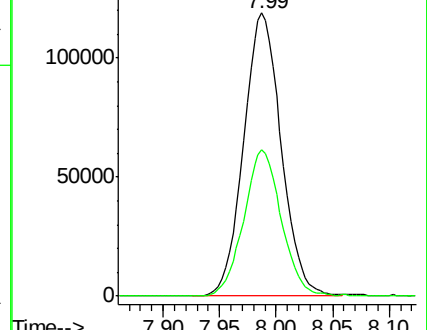
65 100

67 51.5 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN064772.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064772.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064772.D

Acq: 20 Nov 2020 9:55

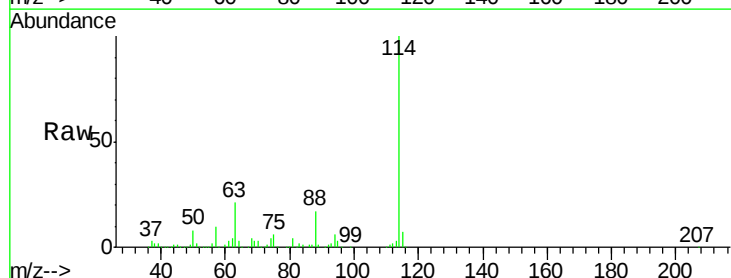
Tgt Ion: 114 Resp: 648231

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.0

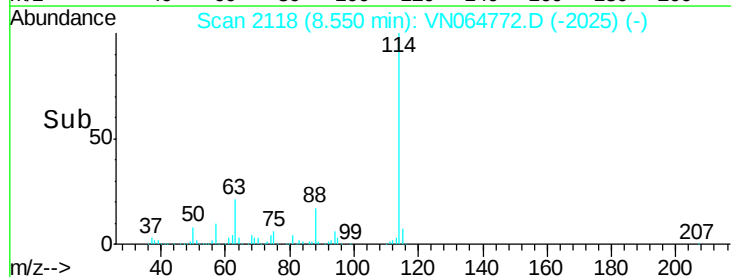
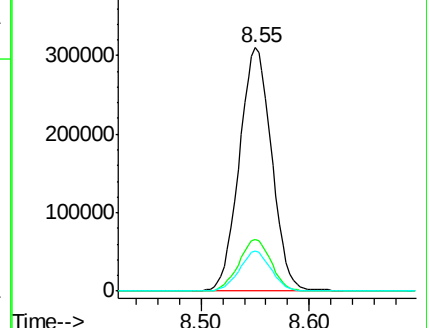
88 16.7 0.0 31.2

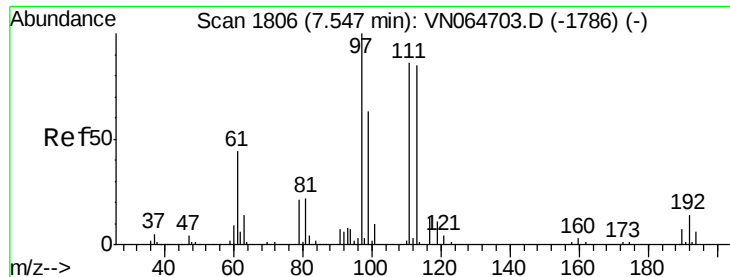


Abundance Ion 113.90 (113.60 to 114.60): VN064772.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064772.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064772.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 57.260 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064772.D

Acq: 20 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

1841

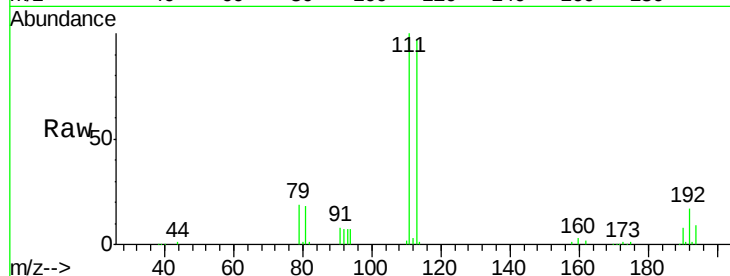
Tot Ion:113 Resp: 211265

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

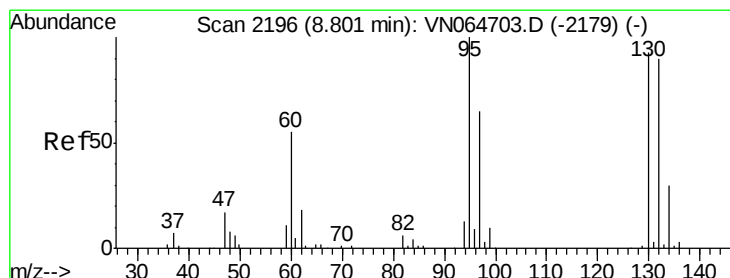
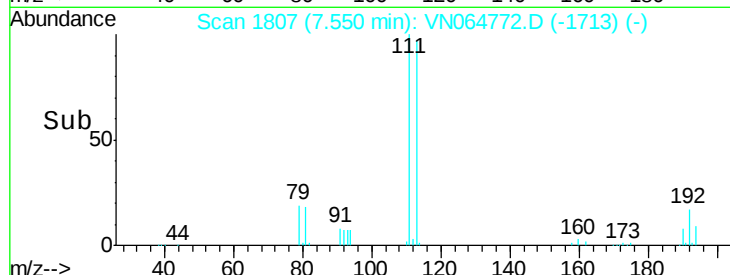
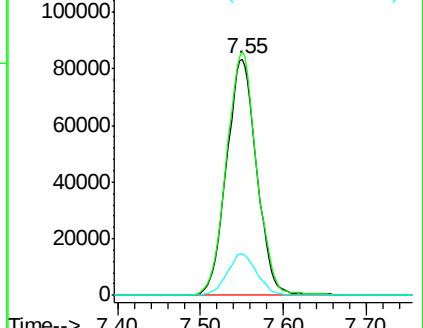
192 17.3 12.7 19.1



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



#44

Trichloroethene

Concen: 0.274 ug/l

RT: 8.81 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN064772.D

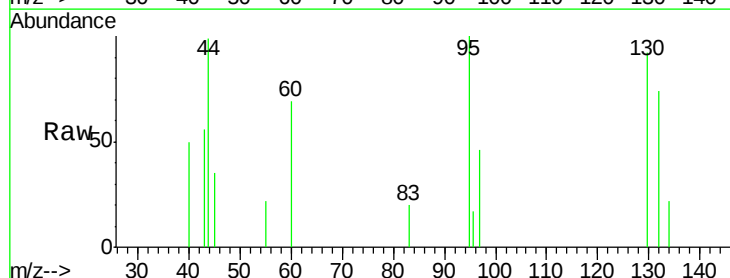
Acq: 20 Nov 2020 9:55

Tgt Ion:130 Resp: 1460

Ion Ratio Lower Upper

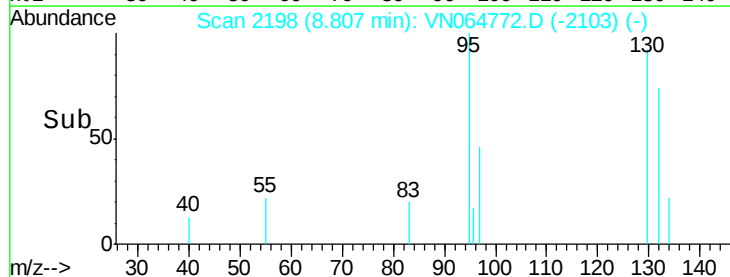
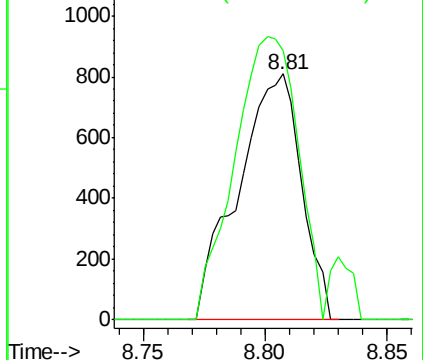
130 100

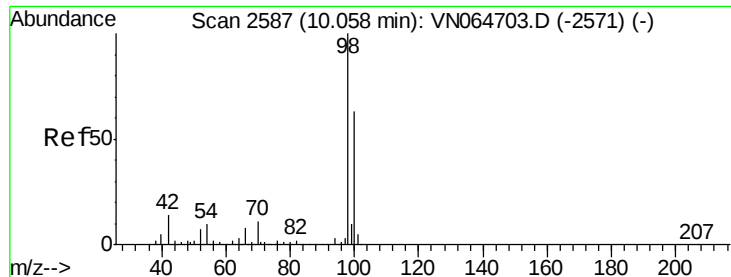
95 109.3 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN





#50

Toluene-d8

Concen: 49.788 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064772.D

Acq: 20 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampled :

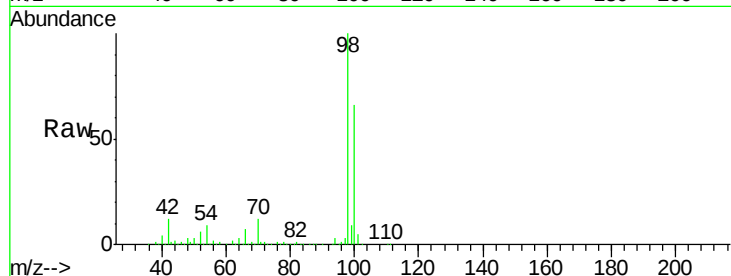
1841

Tot Ion: 98 Resp: 834864

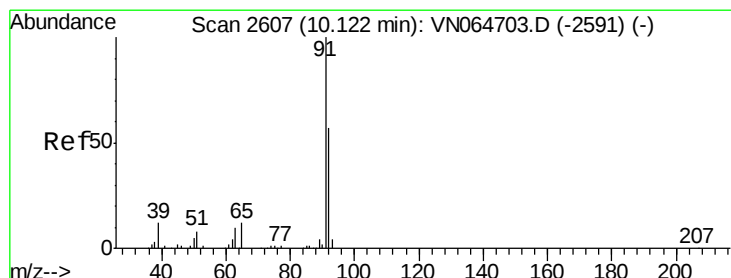
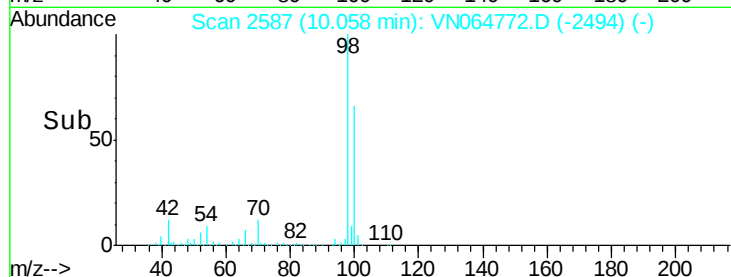
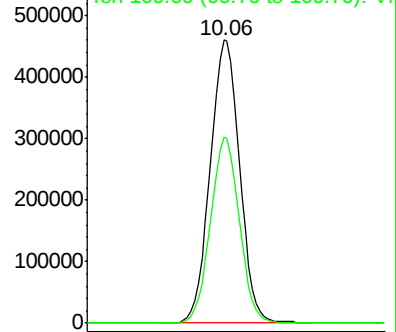
Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064703.D (-2571) (-)



#52

Toluene

Concen: 1.036 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064772.D

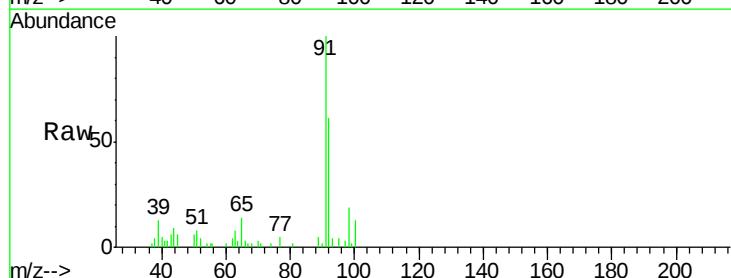
Acq: 20 Nov 2020 9:55

Tgt Ion: 92 Resp: 11862

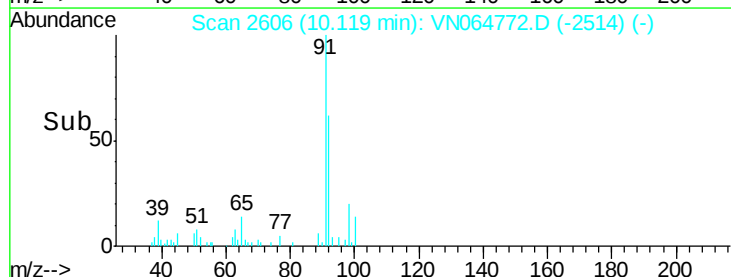
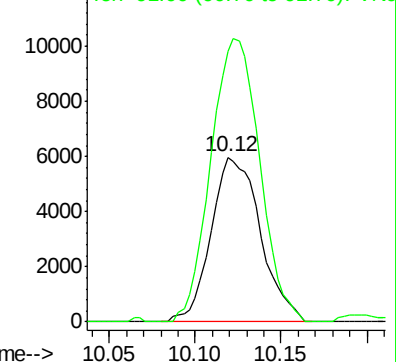
Ion Ratio Lower Upper

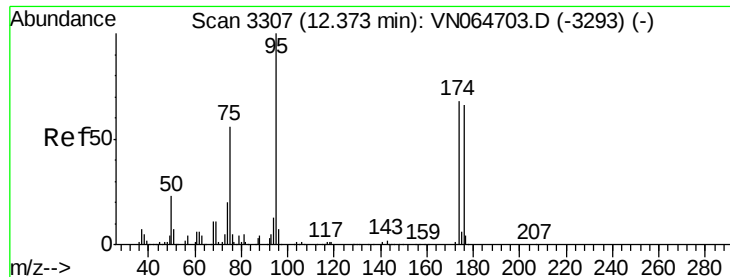
92 100

91 170.9 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064703.D (-2591) (-)





#62

4-Bromofluorobenzene

Concen: 56.843 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064772.D

Acq: 20 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampled :

1841

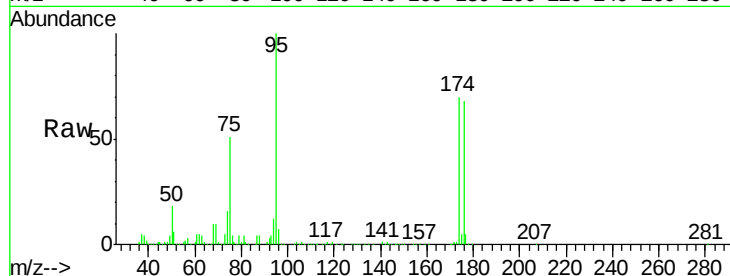
Tot Ion: 95 Resp: 356276

Ion Ratio Lower Upper

95 100

174 70.6 0.0 136.8

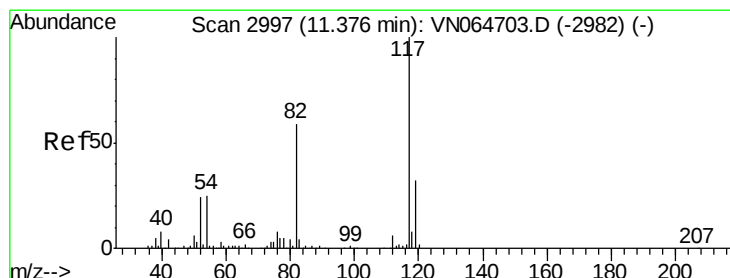
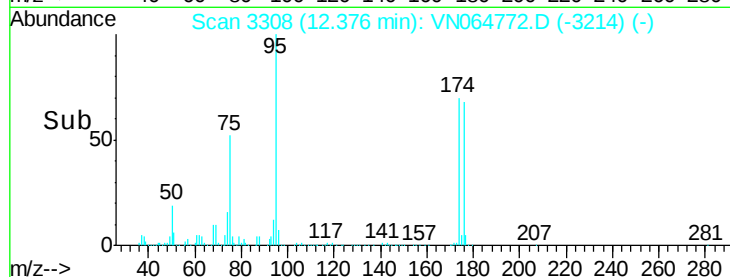
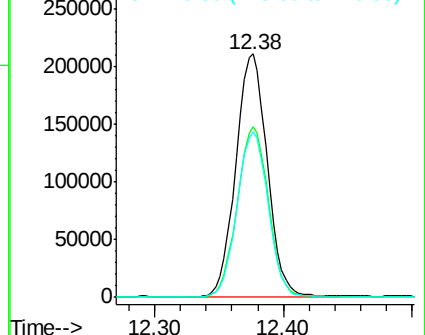
176 67.5 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064772.D

Acq: 20 Nov 2020 9:55

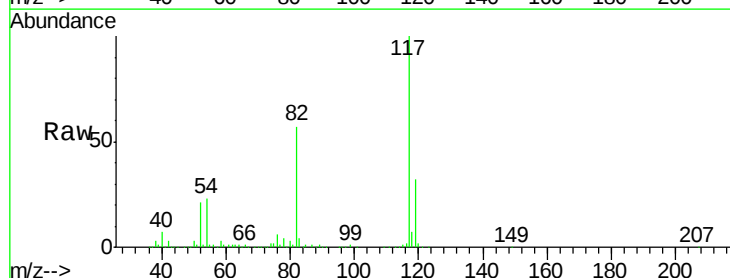
Tgt Ion: 117 Resp: 696071

Ion Ratio Lower Upper

117 100

82 57.0 47.0 70.6

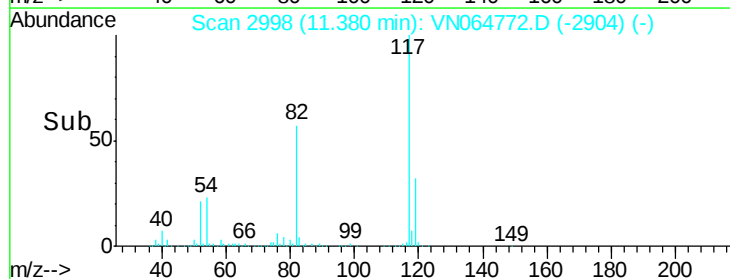
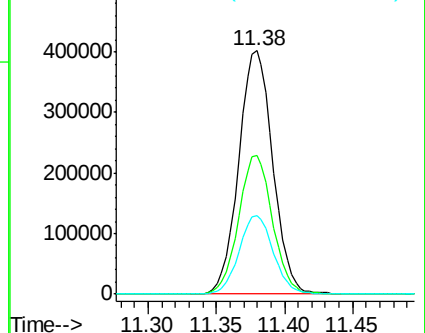
119 32.2 25.4 38.2

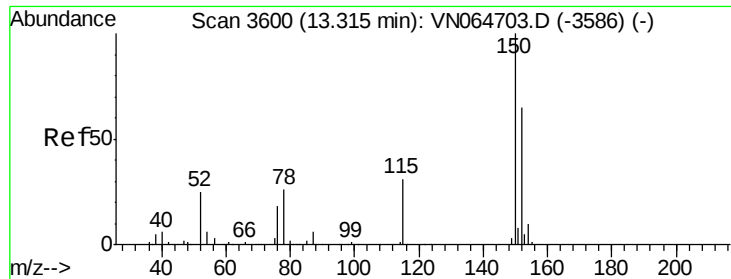


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064772.D

Acq: 20 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

1841

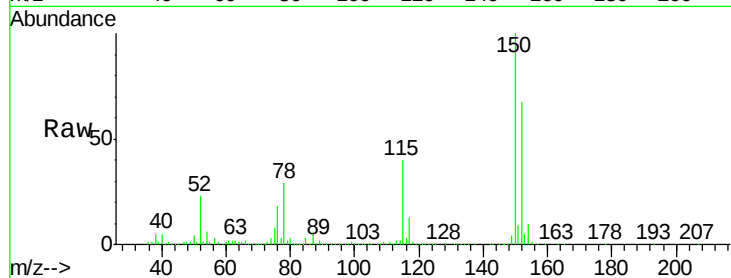
Tot Ion:152 Resp: 320391

Ion Ratio Lower Upper

152 100

115 62.2 32.1 96.3

150 157.1 0.0 344.8



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

