

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064764.D
 Acq On : 20 Nov 2020 6:43
 Operator : JC/MD
 Sample : L4798-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20BR-20201118

Quant Time: Nov 24 08:09:39 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

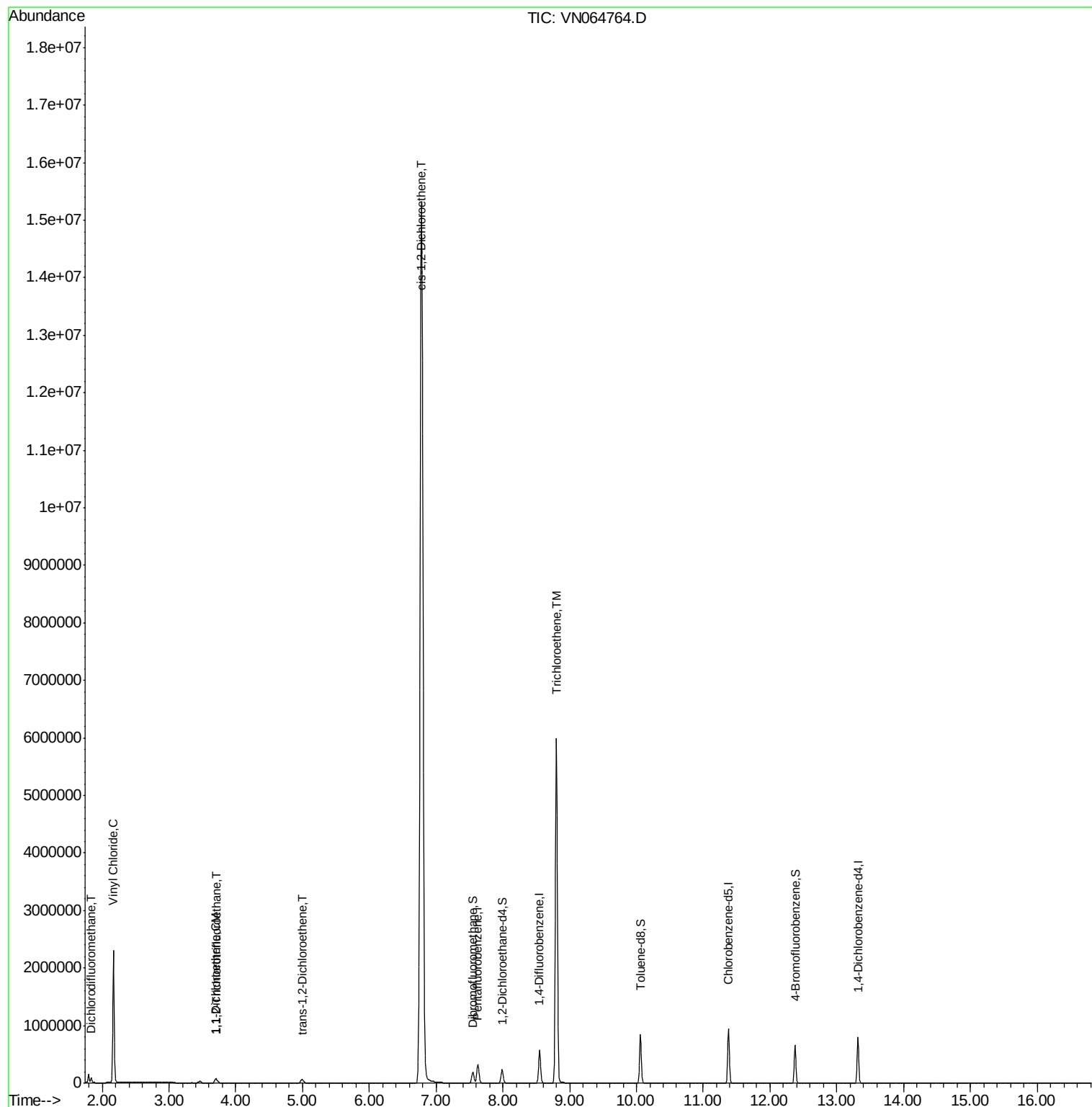
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	222383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	213497	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
35) Dibromofluoromethane	7.55	113	137099	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.06	98	564001	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.38	95	219095	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.83	85	61611	22.173	ug/l	100
4) Vinyl Chloride	2.17	62	2067492	644.870	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	14862	5.989	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	31758	13.283	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	39977	14.985	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	10042083	3414.311	ug/l	79
44) Trichloroethene	8.80	130	2034413	520.393	ug/l	100

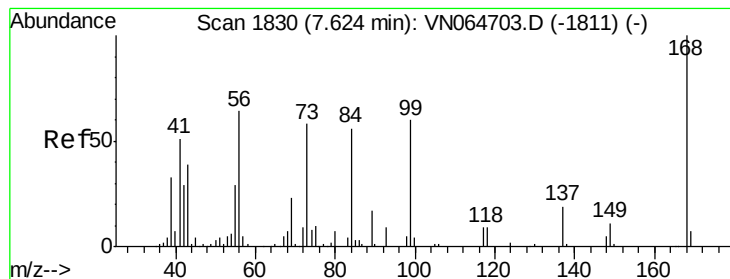
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064764.D

Acq: 20 Nov 2020 6:43

Instrument :

MSVOA_N

ClientSampleId :

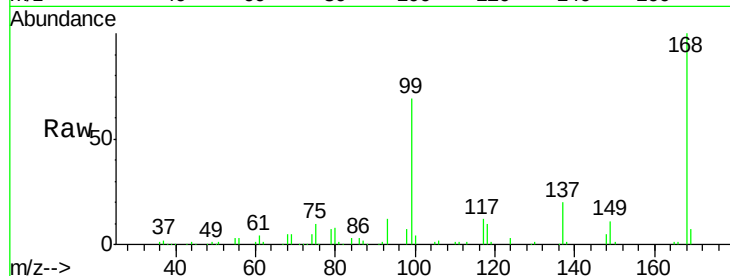
20BR-20201118

Tot Ion:168 Resp: 222383

Ion Ratio Lower Upper

168 100

99 69.4 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

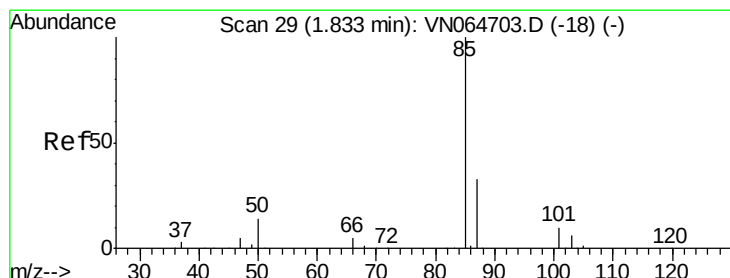
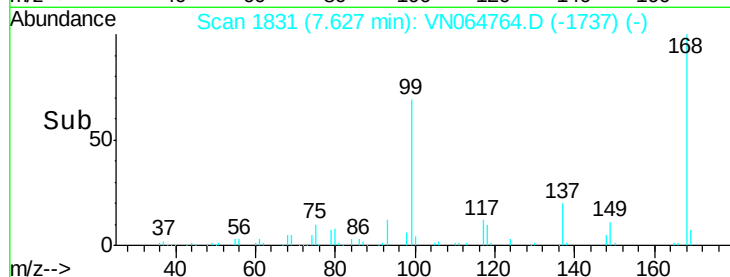
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 22.173 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064764.D

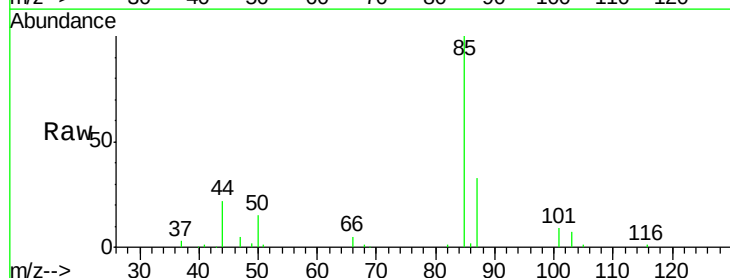
Acq: 20 Nov 2020 6:43

Tgt Ion: 85 Resp: 61611

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

50000

40000

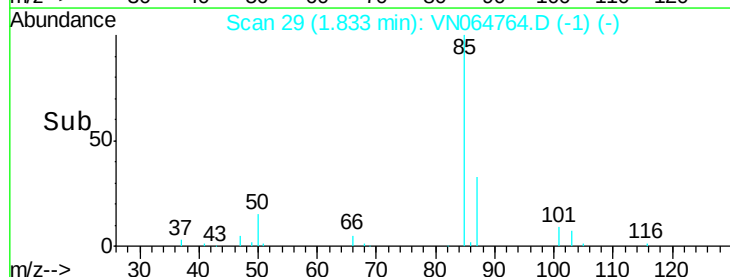
30000

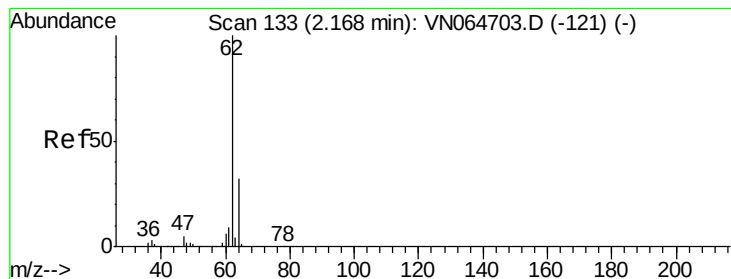
20000

10000

0

Time--> 1.80 1.85 1.90





#4

Vinyl Chloride

Concen: 644.870 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064764.D

Acq: 20 Nov 2020 6:43

Instrument :

MSVOA_N

ClientSampleId :

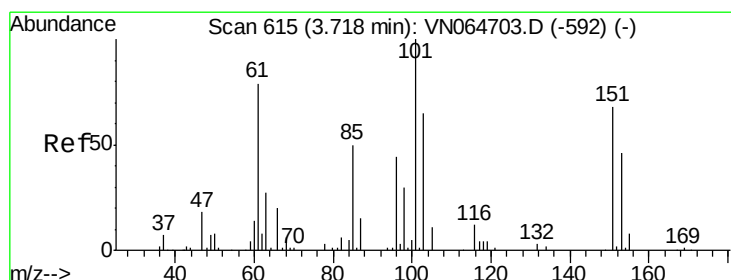
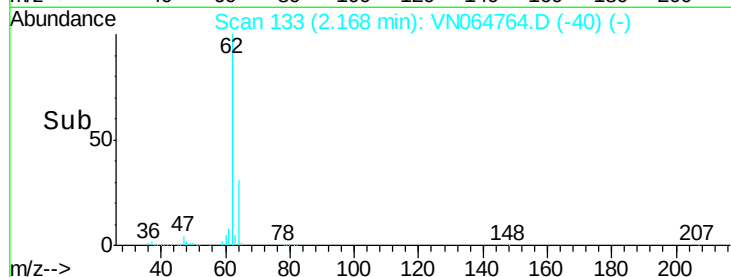
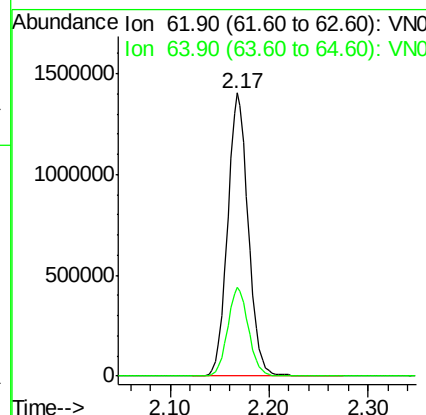
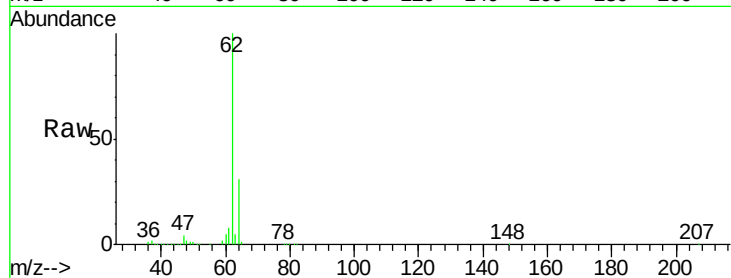
20BR-20201118

Tot Ion: 62 Resp: 2067492

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.989 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064764.D

Acq: 20 Nov 2020 6:43

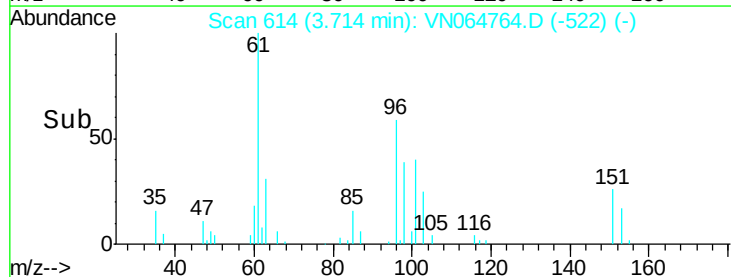
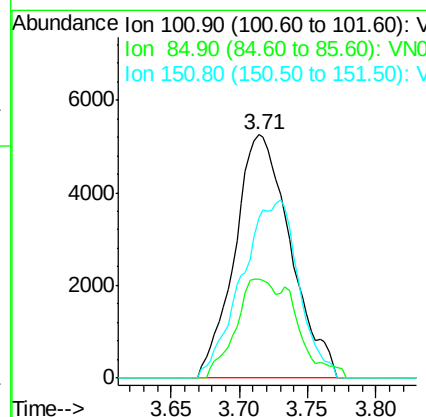
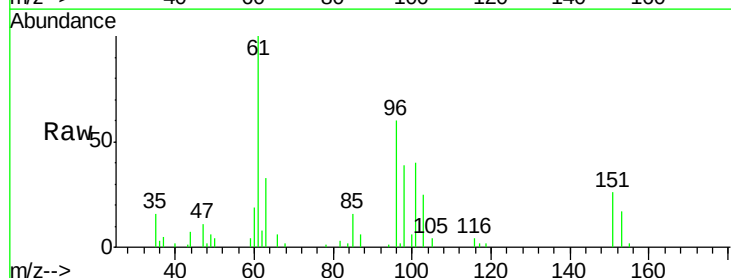
Tgt Ion: 101 Resp: 14862

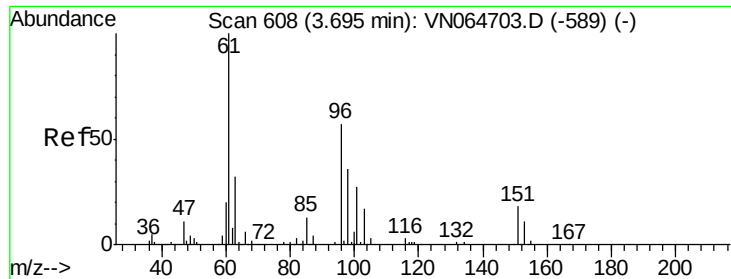
Ion Ratio Lower Upper

101 100

85 28.3 39.0 58.4#

151 74.7 57.2 85.8





#12

1,1-Dichloroethene

Concen: 13.283 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064764.D

Acq: 20 Nov 2020 6:43

Instrument :

MSVOA_N

ClientSampleId :

20BR-20201118

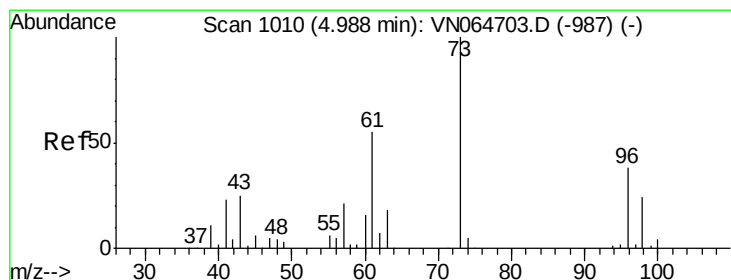
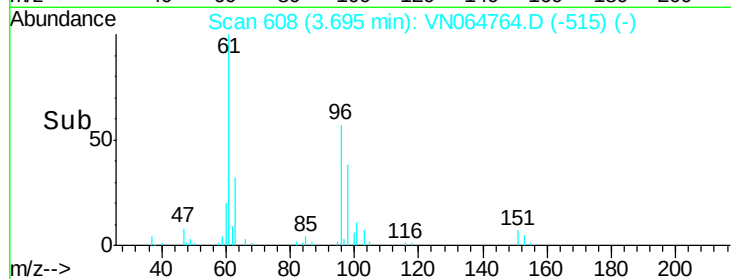
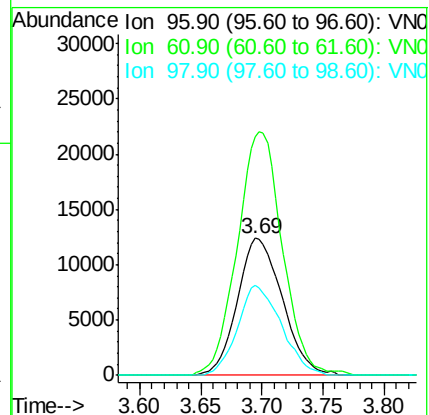
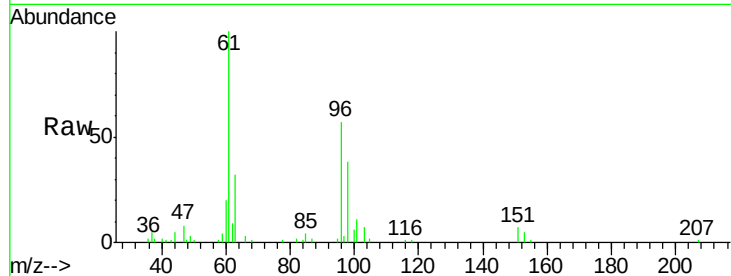
Tot Ion: 96 Resp: 31758

Ion Ratio Lower Upper

96 100

61 174.3 139.1 208.7

98 65.8 50.2 75.2



#21

trans-1,2-Dichloroethene

Concen: 14.985 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064764.D

Acq: 20 Nov 2020 6:43

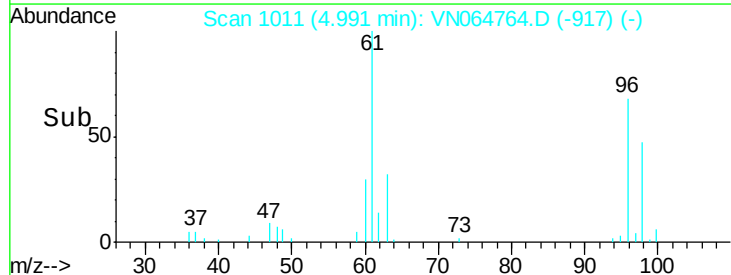
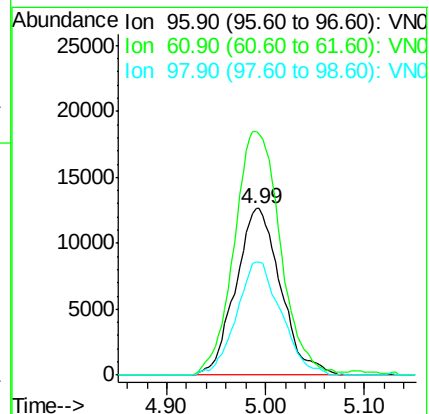
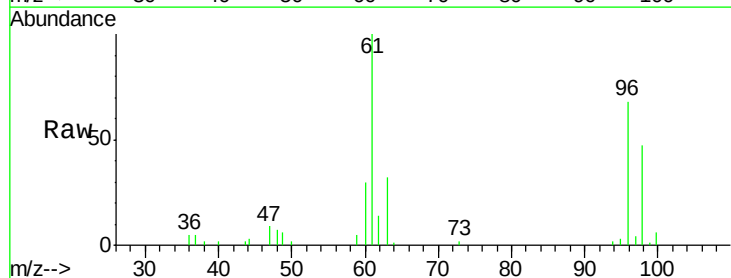
Tgt Ion: 96 Resp: 39977

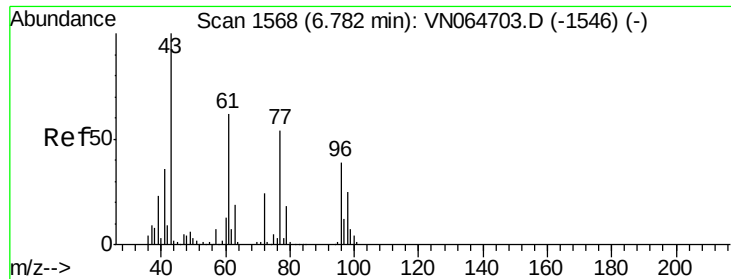
Ion Ratio Lower Upper

96 100

61 146.2 117.9 176.9

98 68.0 51.1 76.7





#27

cis-1,2-Dichloroethene

Concen: 3414.311 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064764.D

Acq: 20 Nov 2020 6:43

Instrument :

MSVOA_N

ClientSampleId :

20BR-20201118

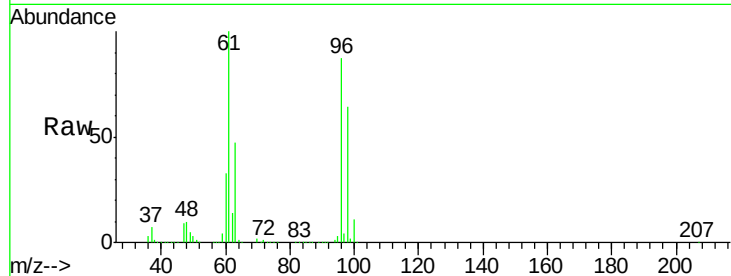
Tot Ion: 96 Resp:10042083

Ion Ratio Lower Upper

96 100

61 125.5 0.0 322.6

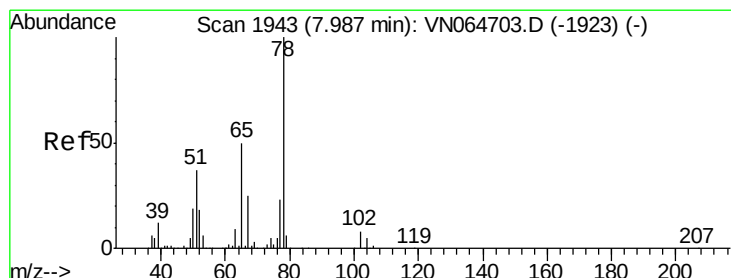
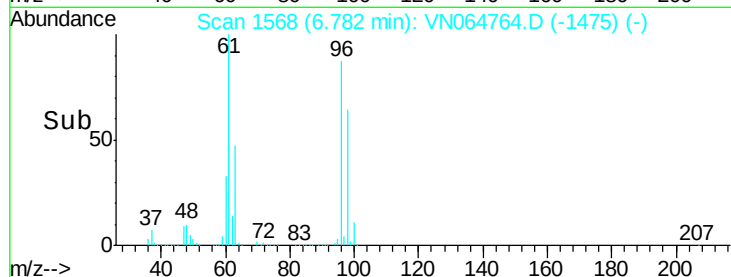
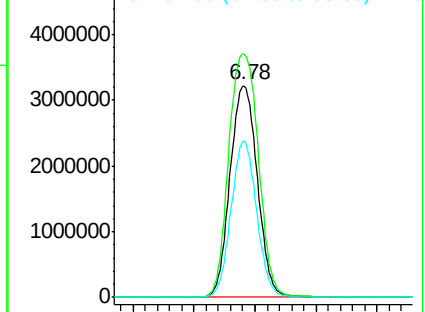
98 69.5 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064764.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064764.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064764.D (-1475) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.574 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064764.D

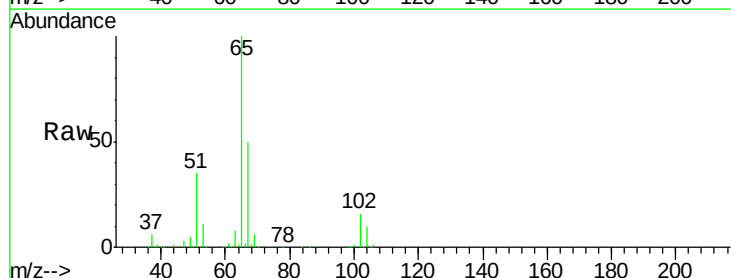
Acq: 20 Nov 2020 6:43

Tgt Ion: 65 Resp: 213497

Ion Ratio Lower Upper

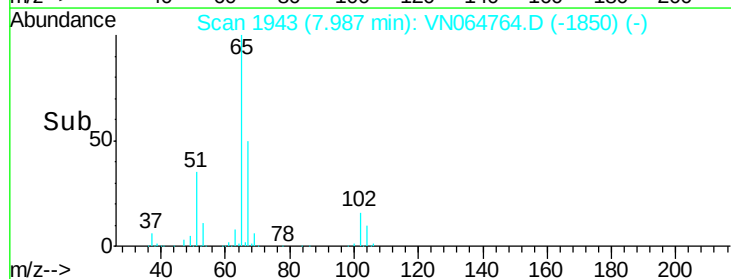
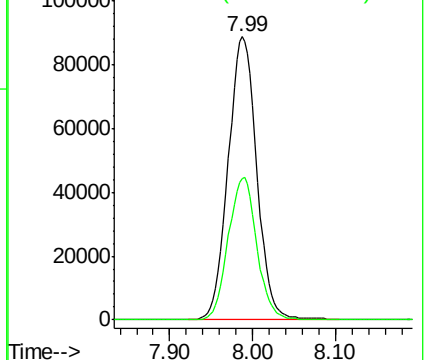
65 100

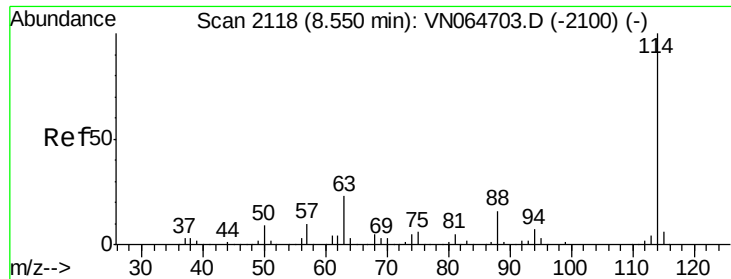
67 50.2 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN064764.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064764.D (-1850) (-)

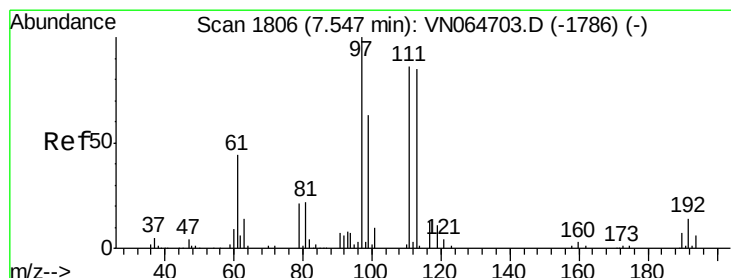
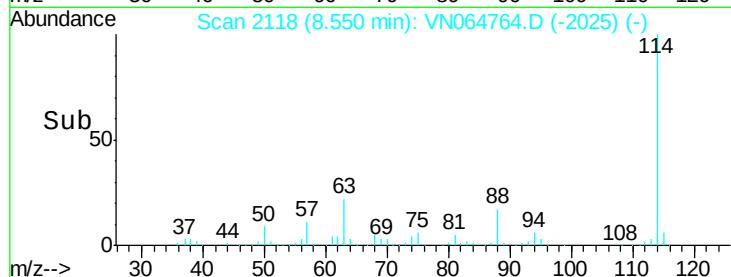
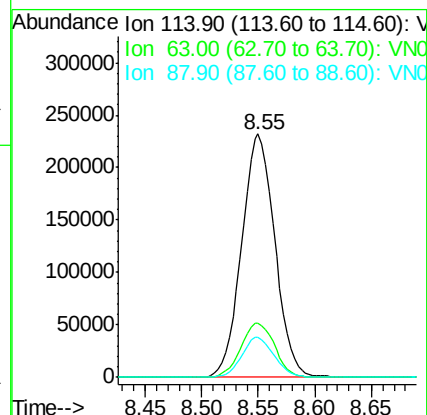
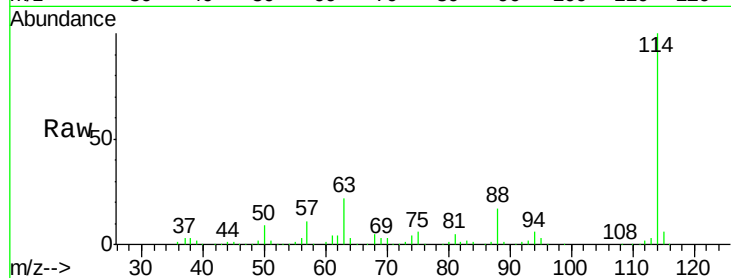




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064764.D
Acq: 20 Nov 2020 6:43

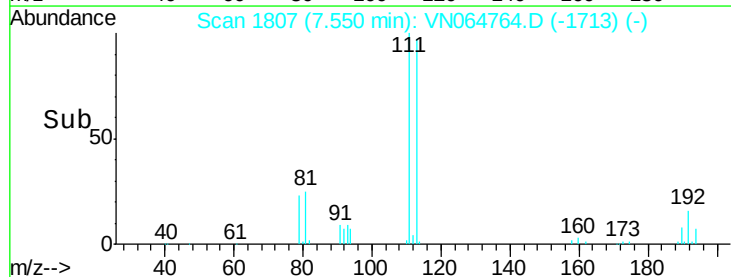
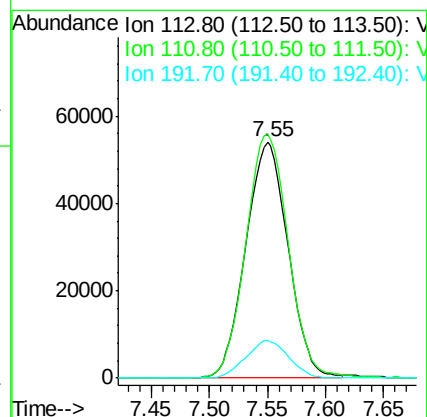
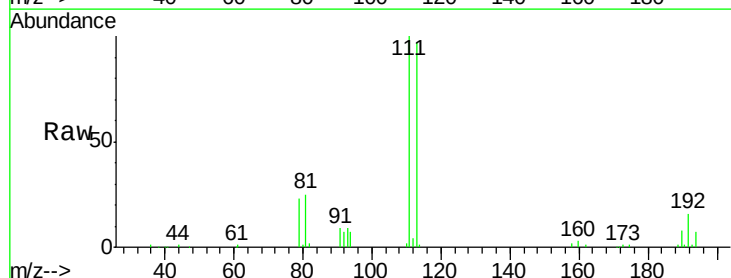
Instrument :
MSVOA_N
ClientSampleId :
20BR-20201118

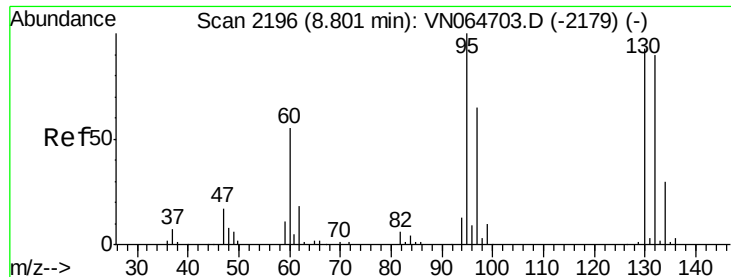
Tot Ion:114 Resp: 475206
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.0
88 16.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.688 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064764.D
Acq: 20 Nov 2020 6:43

Tgt Ion:113 Resp: 137099
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 16.1 12.7 19.1





#44

Trichloroethene

Concen: 520.393 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064764.D

Acq: 20 Nov 2020 6:43

Instrument :

MSVOA_N

ClientSampleId :

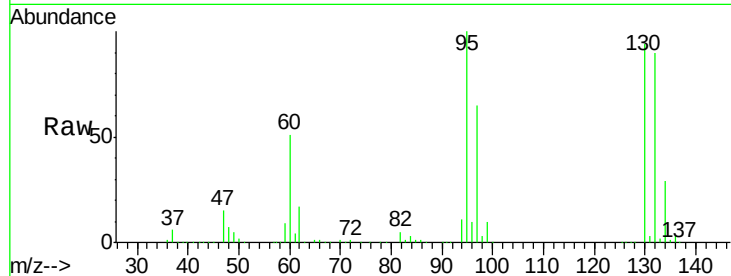
20BR-20201118

Tot Ion:130 Resp: 2034413

Ion Ratio Lower Upper

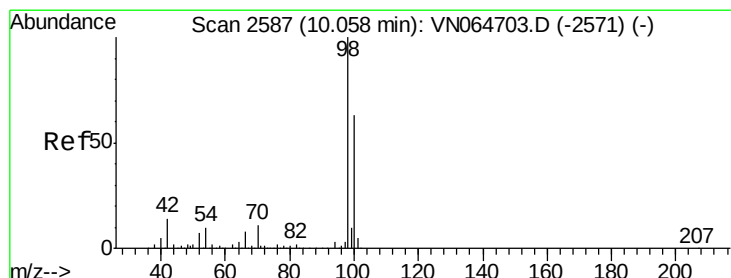
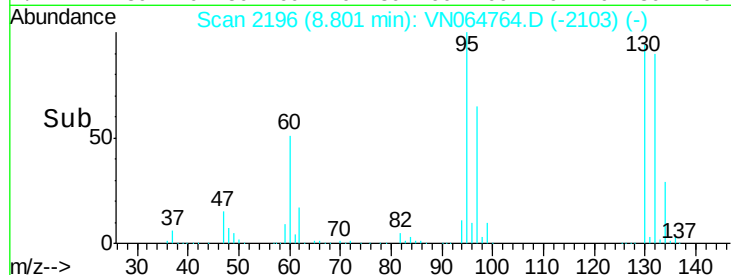
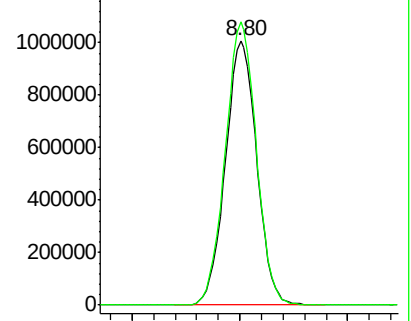
130 100

95 106.9 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: 45.881 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064764.D

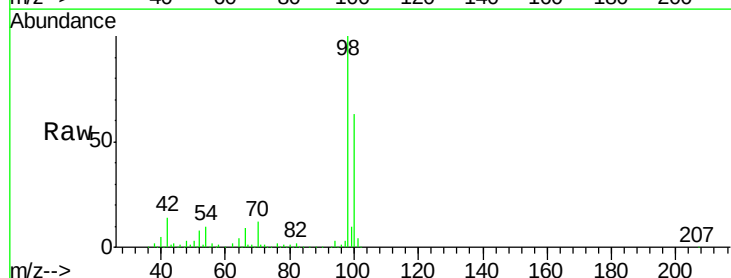
Acq: 20 Nov 2020 6:43

Tgt Ion: 98 Resp: 564001

Ion Ratio Lower Upper

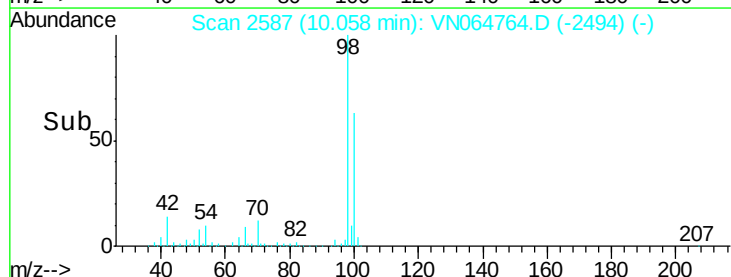
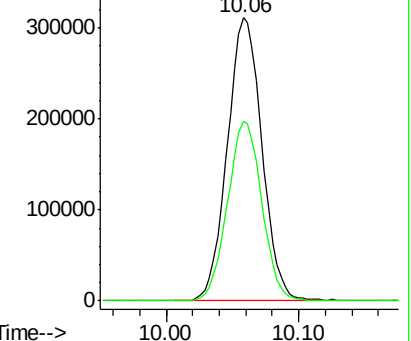
98 100

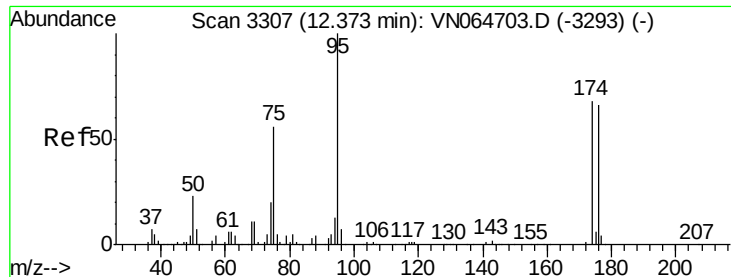
100 63.1 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

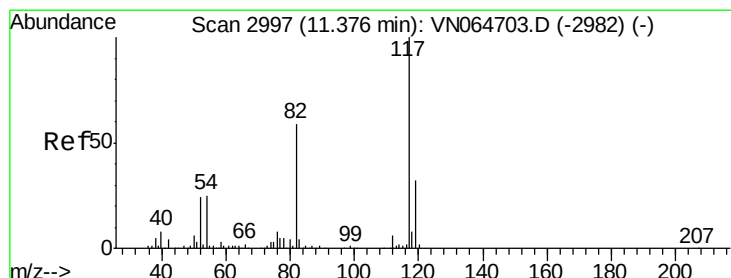
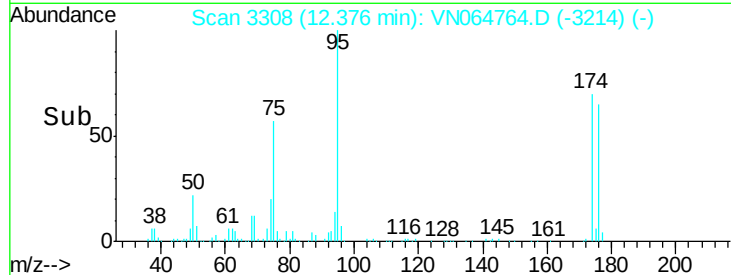
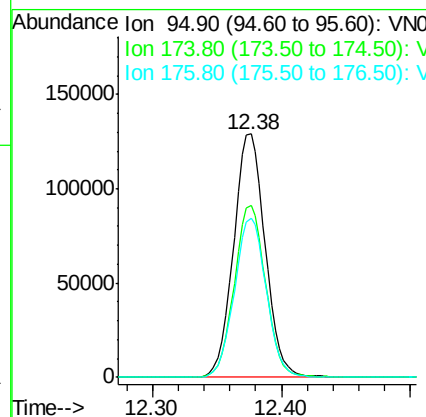
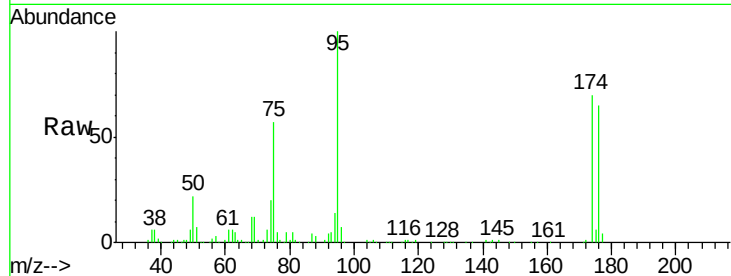




#62
4-Bromofluorobenzene
Concen: 47.684 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064764.D
Acq: 20 Nov 2020 6:43

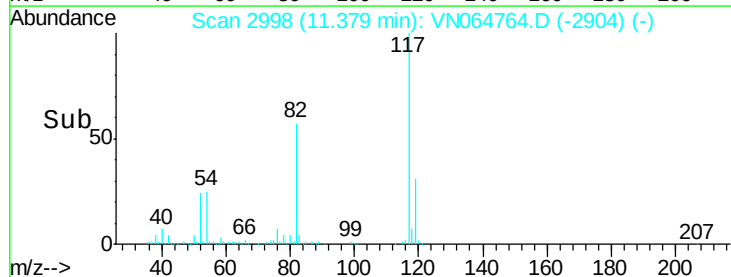
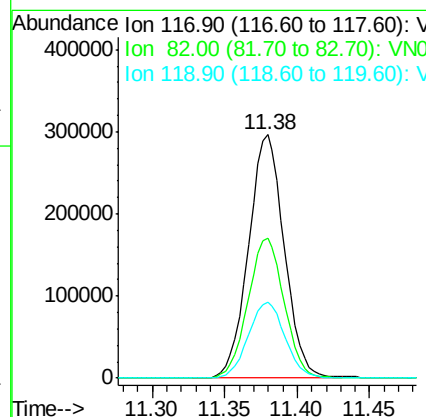
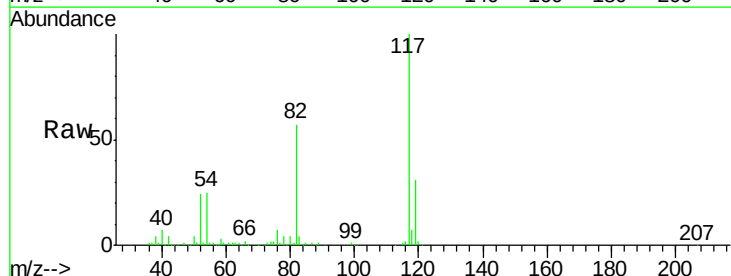
Instrument :
MSVOA_N
ClientSampleId :
20BR-20201118

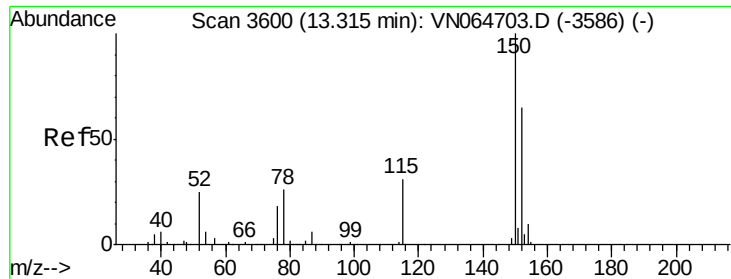
Tot Ion	95	Resp	219095
Ion Ratio	Lower	Upper	
95	100		
174	70.6	0.0	136.8
176	66.1	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064764.D
Acq: 20 Nov 2020 6:43

Tgt Ion	117	Resp	508048
Ion Ratio	Lower	Upper	
117	100		
82	57.5	47.0	70.6
119	31.0	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064764.D

Acq: 20 Nov 2020 6:43

Instrument :

MSVOA_N

ClientSampleId :

20BR-20201118

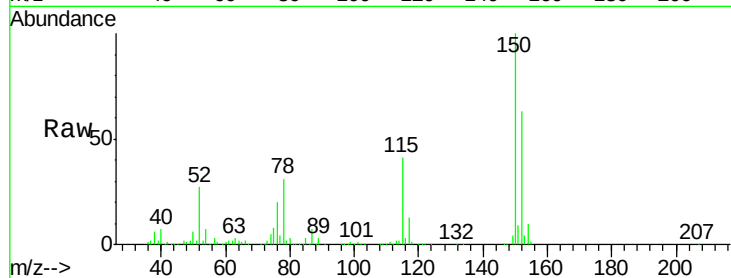
Tot Ion:152 Resp: 191791

Ion Ratio Lower Upper

152 100

115 63.8 32.1 96.3

150 155.3 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

