

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064834.D
 Acq On : 25 Nov 2020 1:30
 Operator : JC/MD
 Sample : L4798-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20201118

Quant Time: Nov 25 06:31:04 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	7.62	168	156801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	285566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	97436	53.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.90%
35) Dibromofluoromethane	7.55	113	89341	54.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.00%
50) Toluene-d8	10.06	98	345648	51.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.20%
62) 4-Bromofluorobenzene	12.37	95	133517	55.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.40%

Target Compounds

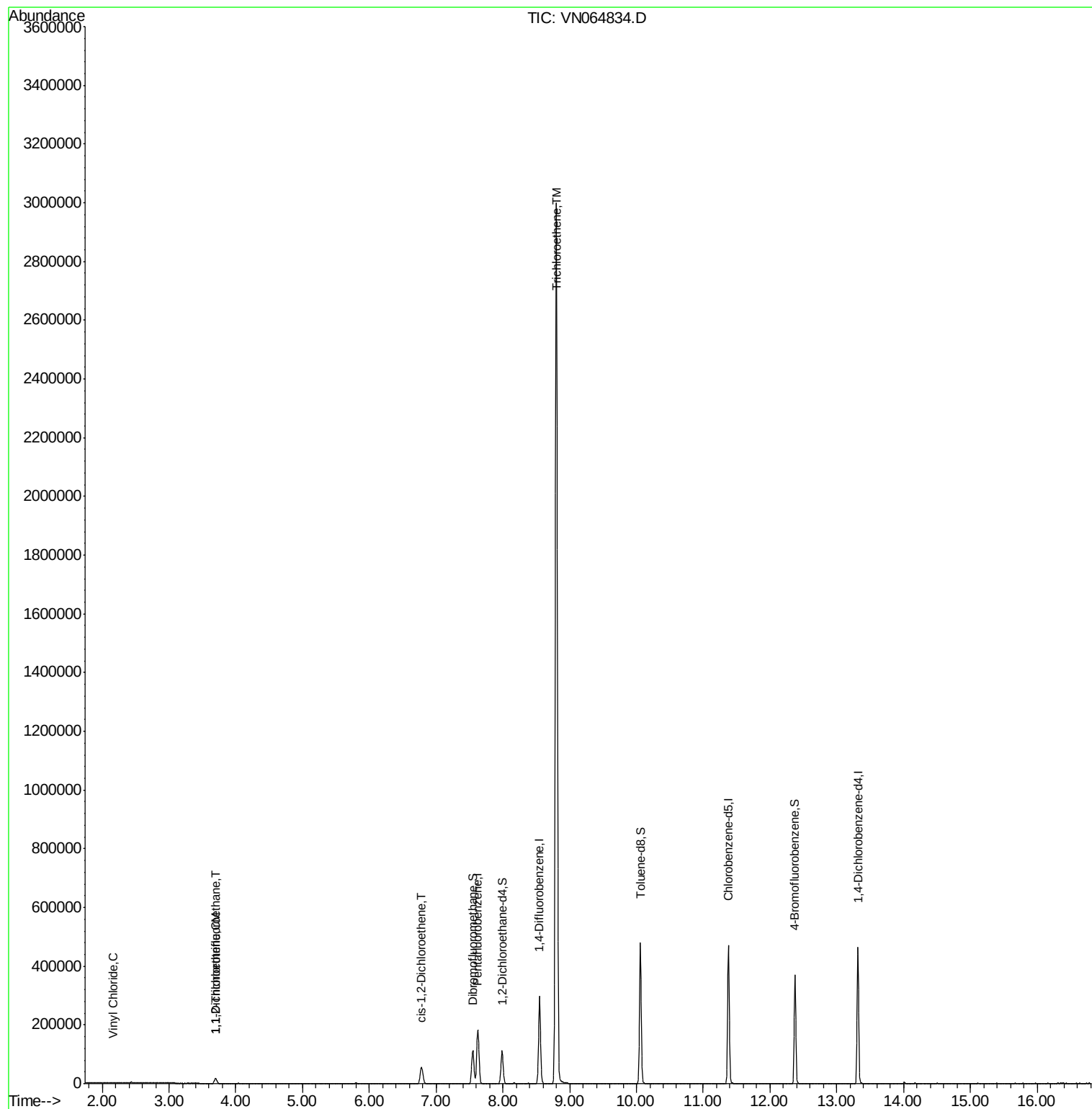
					Qvalue
4) Vinyl Chloride	2.16	62	1368	0.743	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2687	1.760	ug/l # 86
12) 1,1-Dichloroethene	3.69	96	9047	5.950	ug/l 89
27) cis-1,2-Dichloroethene	6.78	96	39951	21.027	ug/l 87
44) Trichloroethene	8.80	130	1168492	508.914	ug/l 98

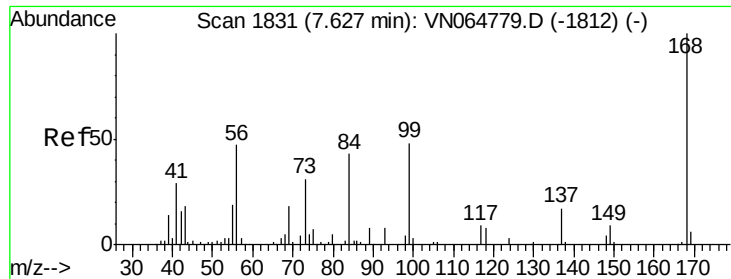
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064834.D

Acq: 25 Nov 2020 1:30

Instrument :

MSVOA_N

ClientSampleId :

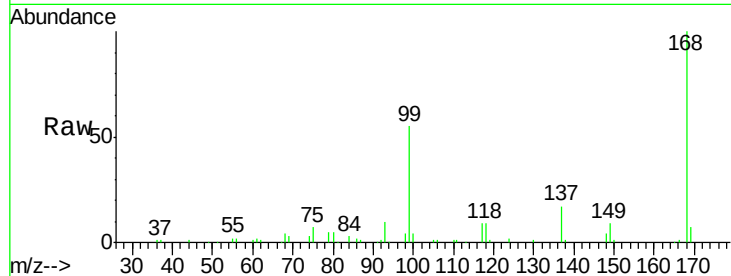
48BR-20201118

Tot Ion:168 Resp: 156801

Ion Ratio Lower Upper

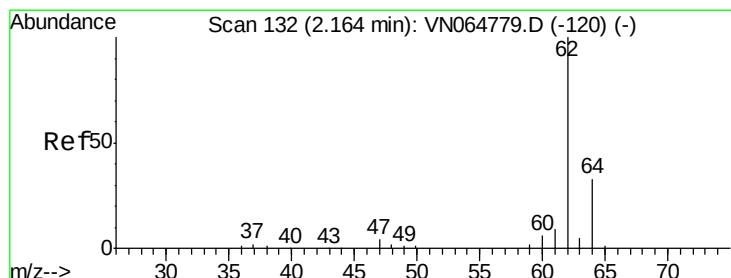
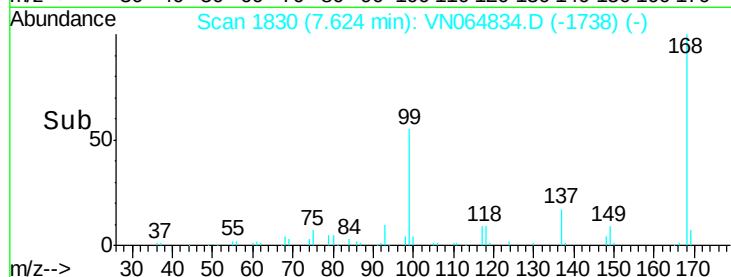
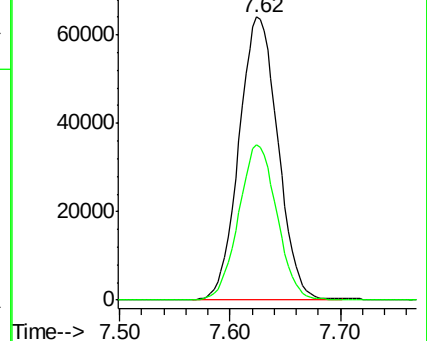
168 100

99 54.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 0.743 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064834.D

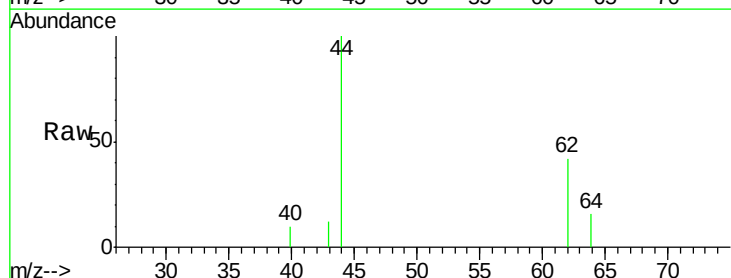
Acq: 25 Nov 2020 1:30

Tgt Ion: 62 Resp: 1368

Ion Ratio Lower Upper

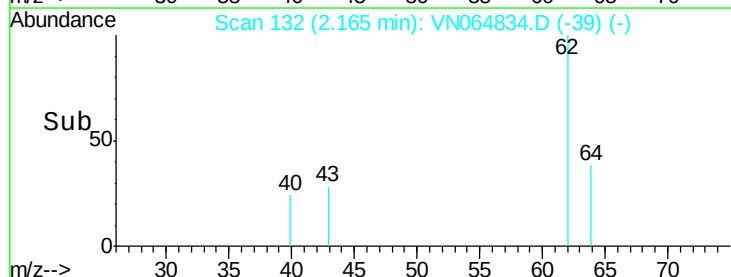
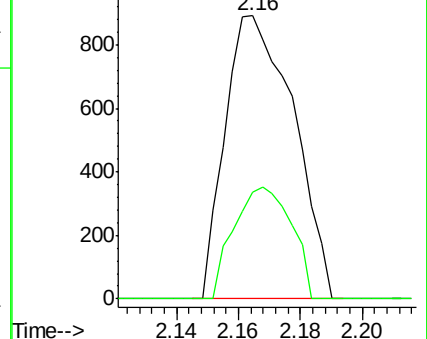
62 100

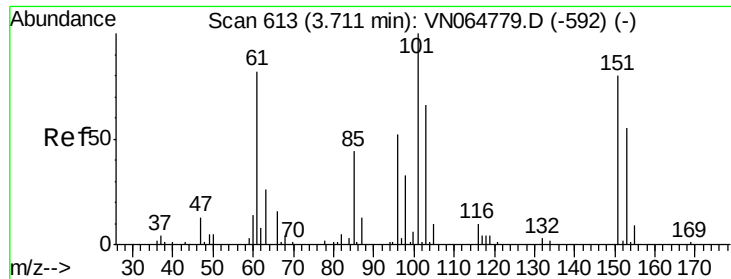
64 37.9 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.760 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064834.D

Acq: 25 Nov 2020 1:30

Instrument :

MSVOA_N

ClientSampleId :

48BR-20201118

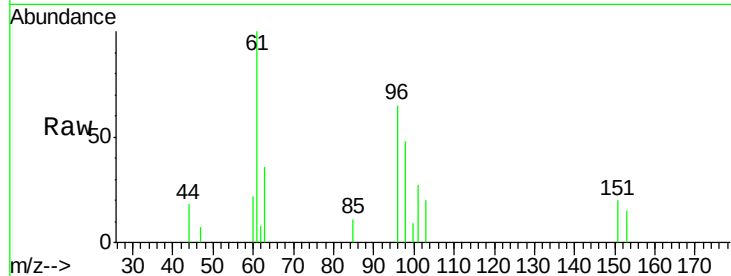
Tot Ion:101 Resp: 2687

Ion Ratio Lower Upper

101 100

85 28.6 34.4 51.6#

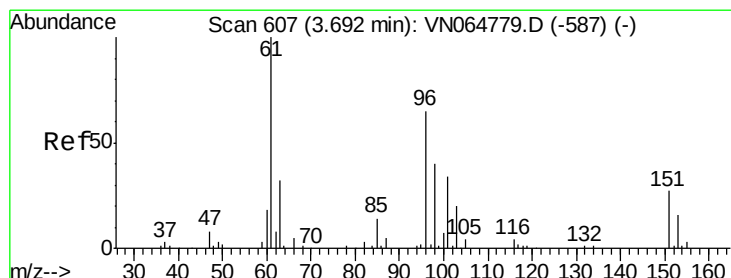
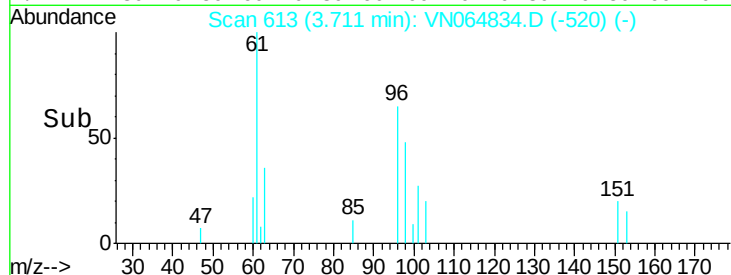
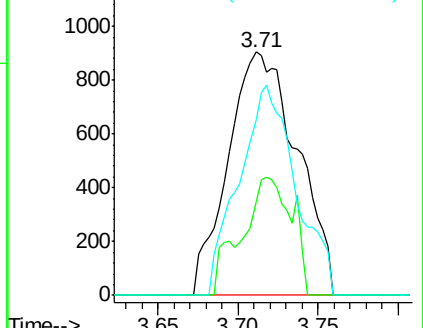
151 71.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 5.950 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064834.D

Acq: 25 Nov 2020 1:30

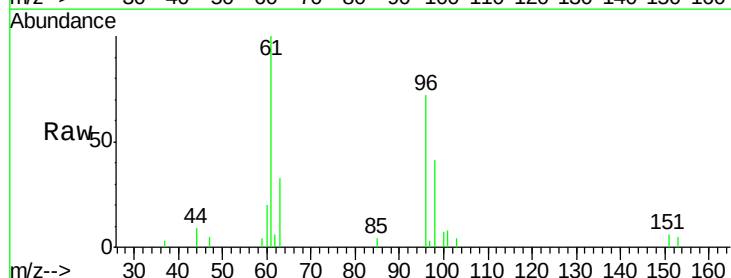
Tgt Ion: 96 Resp: 9047

Ion Ratio Lower Upper

96 100

61 138.6 123.4 185.2

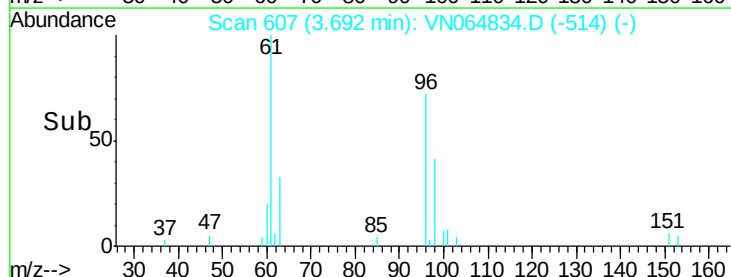
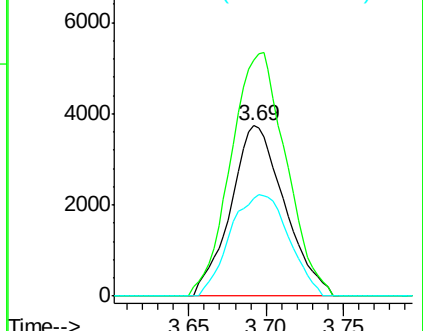
98 57.3 49.8 74.8

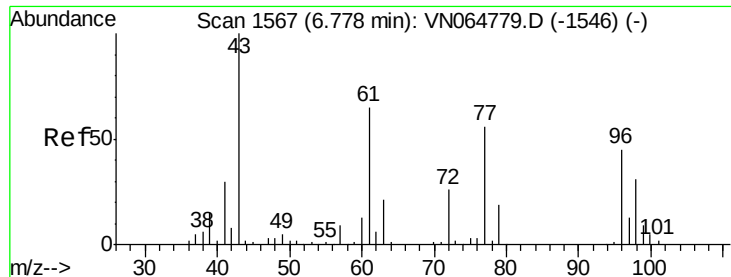


Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN





#27

cis-1,2-Dichloroethene

Concen: 21.027 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064834.D

Acq: 25 Nov 2020 1:30

Instrument :

MSVOA_N

ClientSampleId :

48BR-20201118

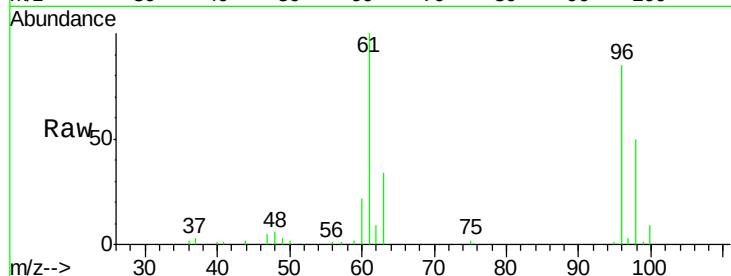
Tot Ion: 96 Resp: 39951

Ion Ratio Lower Upper

96 100

61 121.7 0.0 285.8

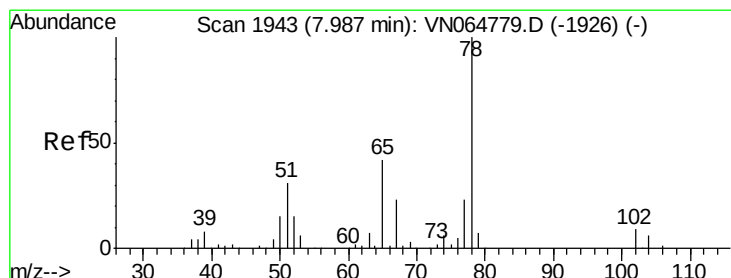
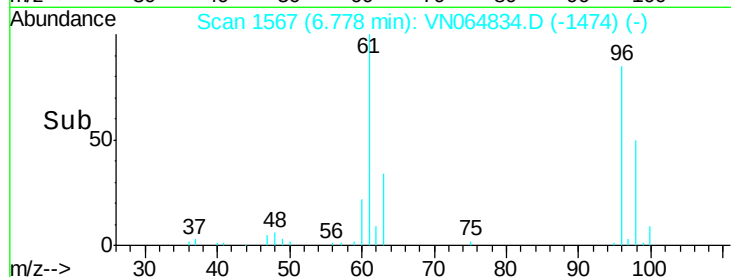
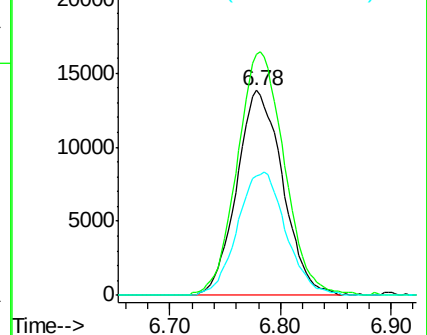
98 63.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.451 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064834.D

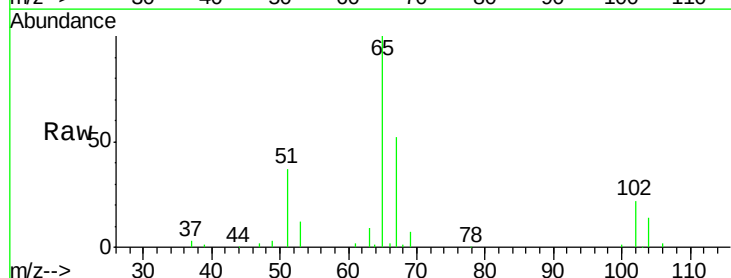
Acq: 25 Nov 2020 1:30

Tgt Ion: 65 Resp: 97436

Ion Ratio Lower Upper

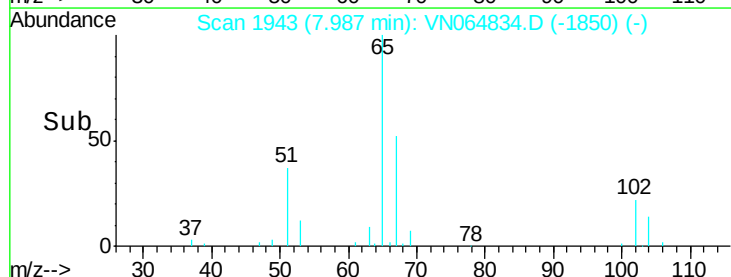
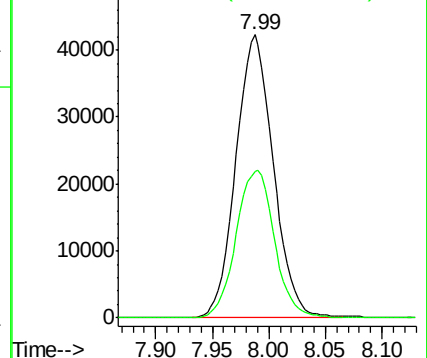
65 100

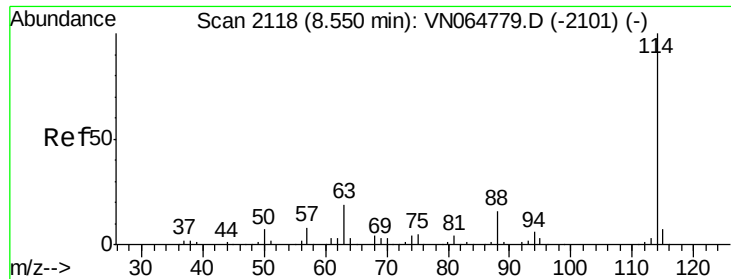
67 53.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064779.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064779.D (-1926) (-)

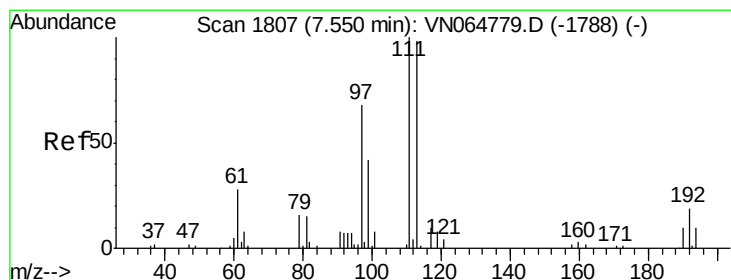
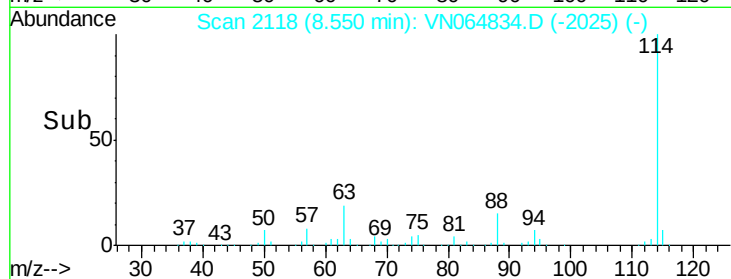
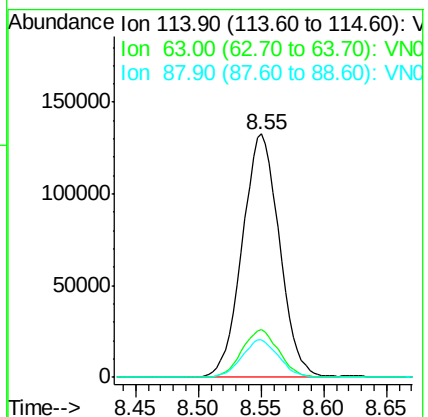
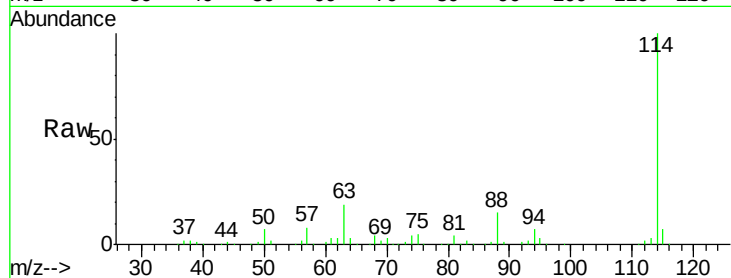




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064834.D
Acq: 25 Nov 2020 1:30

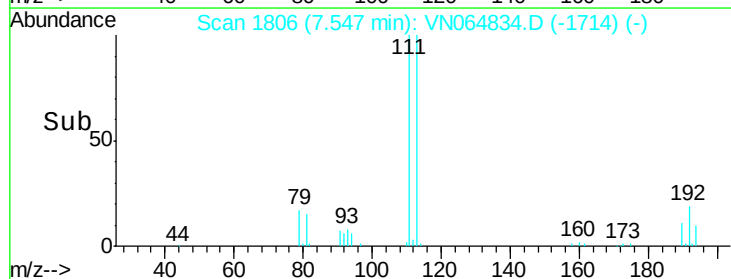
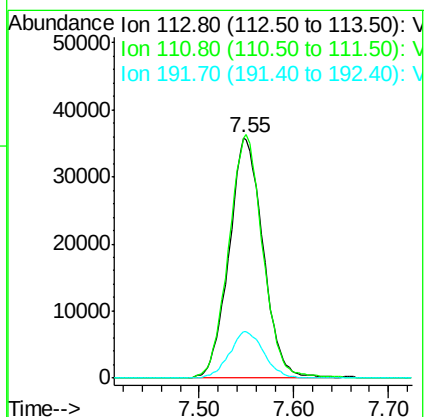
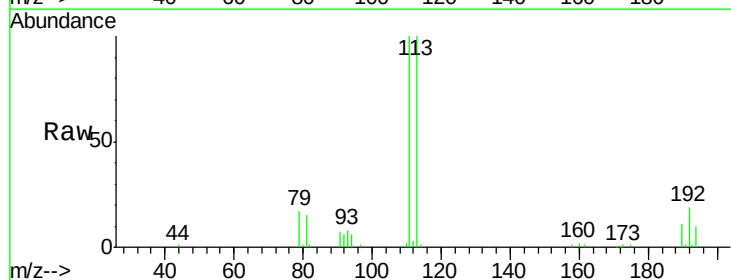
Instrument :
MSVOA_N
ClientSampleId :
48BR-20201118

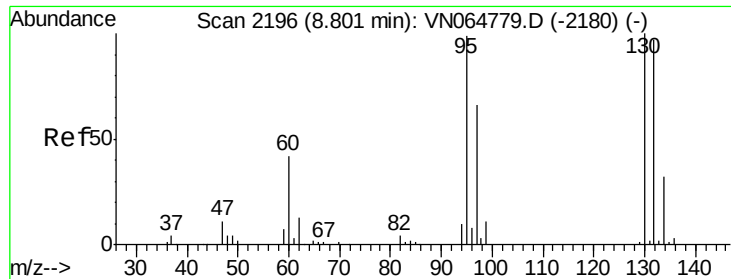
Tot Ion:114 Resp: 273975
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.497 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064834.D
Acq: 25 Nov 2020 1:30

Tgt Ion:113 Resp: 89341
Ion Ratio Lower Upper
113 100
111 101.3 81.6 122.4
192 19.5 16.2 24.2





#44

Trichloroethene

Concen: 508.914 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064834.D

Acq: 25 Nov 2020 1:30

Instrument :

MSVOA_N

ClientSampleId :

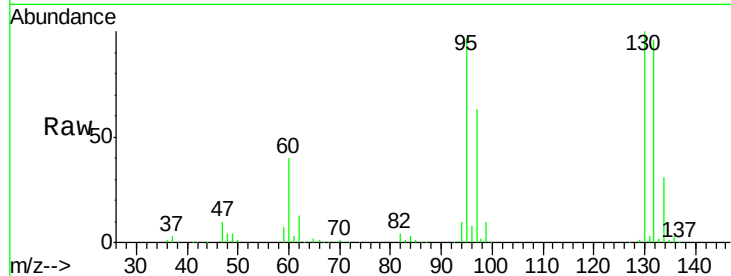
48BR-20201118

Tot Ion:130 Resp: 1168492

Ion Ratio Lower Upper

130 100

95 96.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

600000

500000

400000

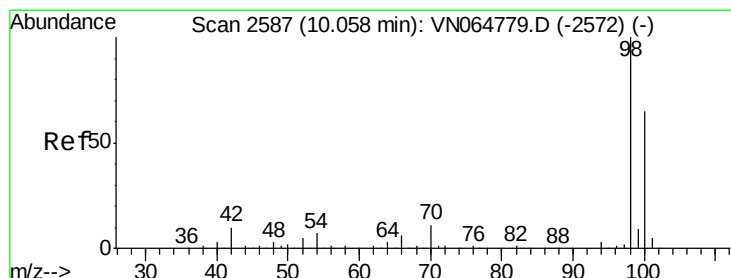
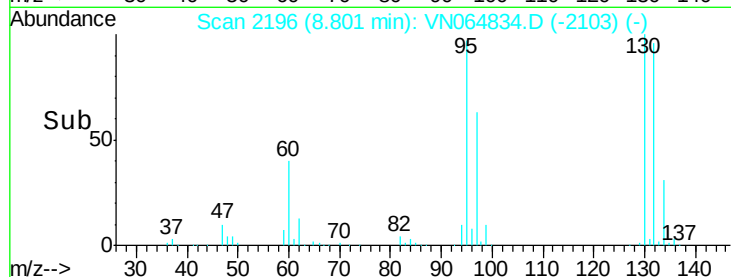
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 51.602 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064834.D

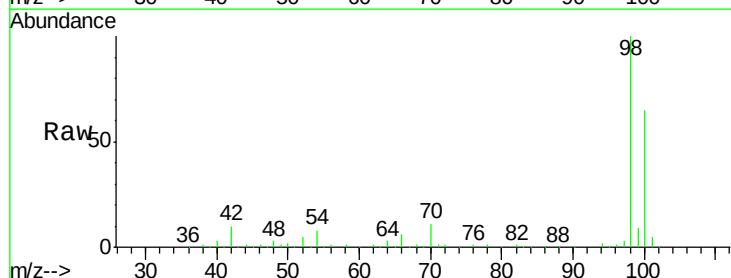
Acq: 25 Nov 2020 1:30

Tgt Ion: 98 Resp: 345648

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

200000

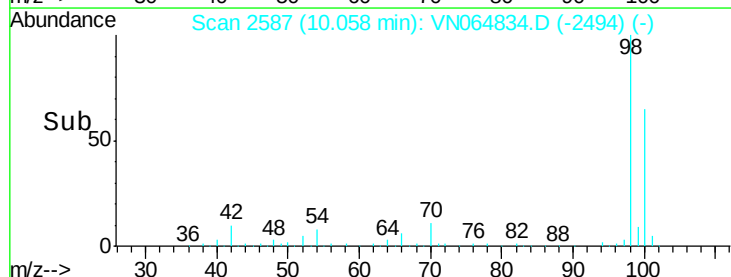
150000

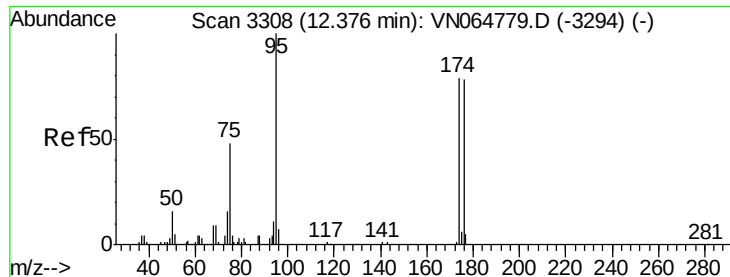
100000

50000

0

Time-->

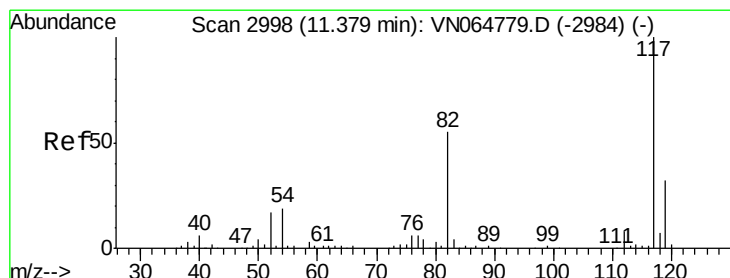
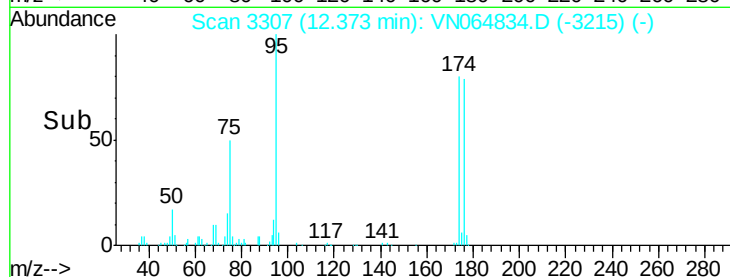
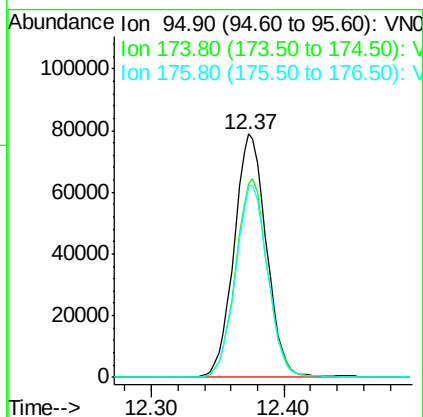
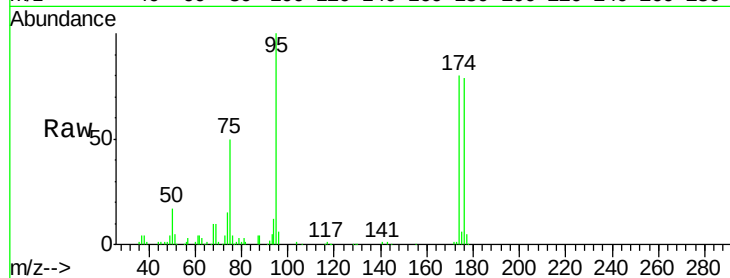




#62
4-Bromofluorobenzene
Concen: 55.697 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064834.D
Acq: 25 Nov 2020 1:30

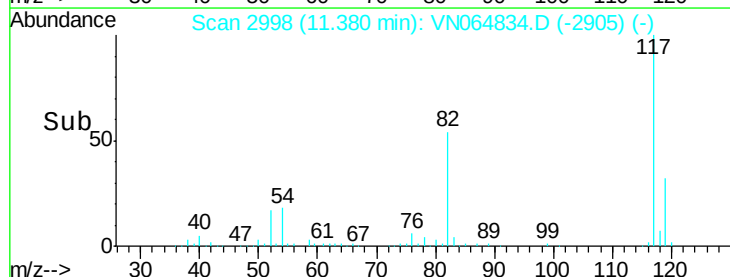
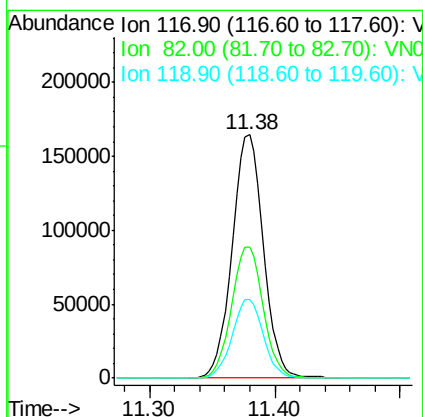
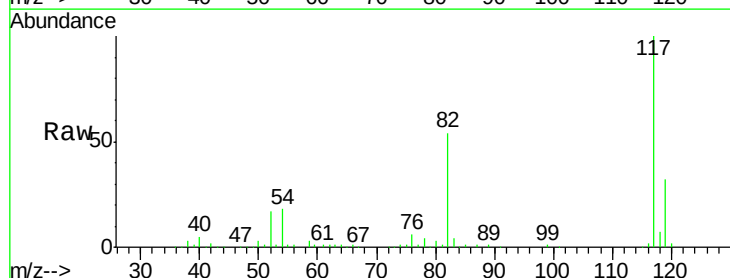
Instrument :
MSVOA_N
ClientSampled :
48BR-20201118

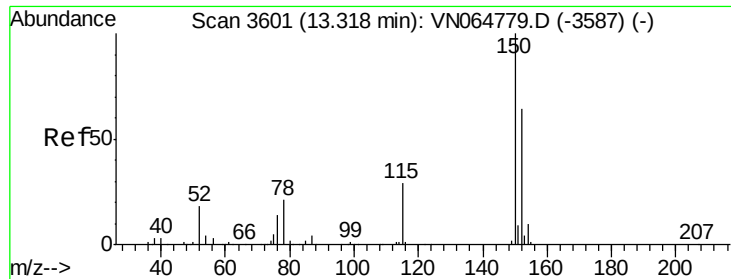
Tot Ion: 95 Resp: 133517
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.4
176 78.6 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064834.D
Acq: 25 Nov 2020 1:30

Tgt Ion: 117 Resp: 285566
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064834.D

Acq: 25 Nov 2020 1:30

Instrument :

MSVOA_N

ClientSampleId :

48BR-20201118

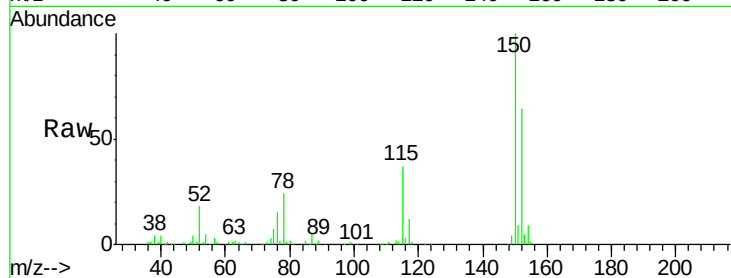
Tot Ion:152 Resp: 131981

Ion Ratio Lower Upper

152 100

115 57.8 29.7 89.1

150 155.9 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

