

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064765.D
 Acq On : 20 Nov 2020 7:07
 Operator : JC/MD
 Sample : L4798-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22BR-20201118

Quant Time: Nov 24 08:14:43 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

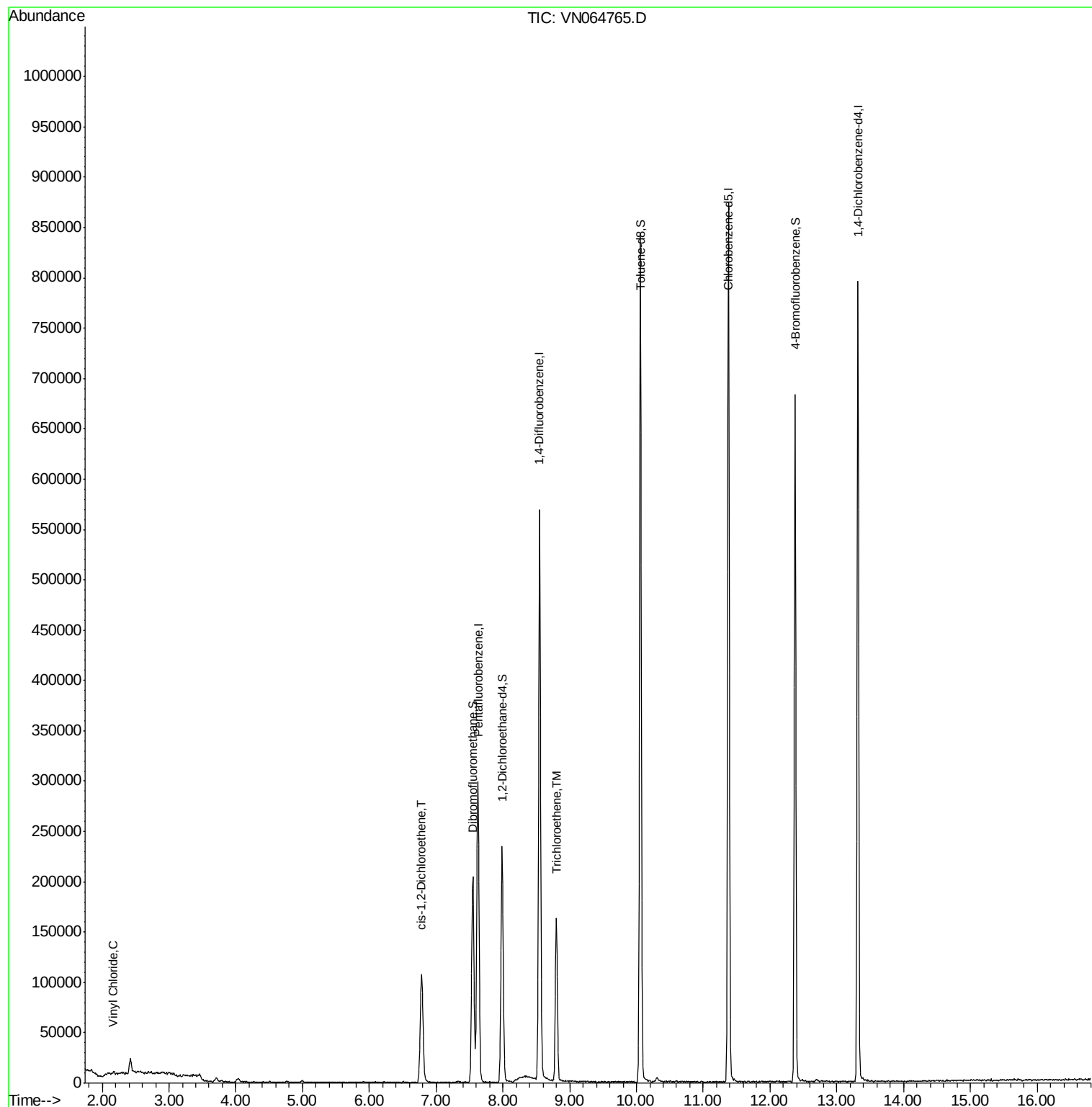
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	209335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	214112	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
35) Dibromofluoromethane	7.55	113	153088	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
50) Toluene-d8	10.06	98	562280	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
62) 4-Bromofluorobenzene	12.38	95	226121	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
4) Vinyl Chloride	2.17	62	2705	0.896	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	67352	24.327	ug/l	87
44) Trichloroethene	8.80	130	58914	15.333	ug/l	94

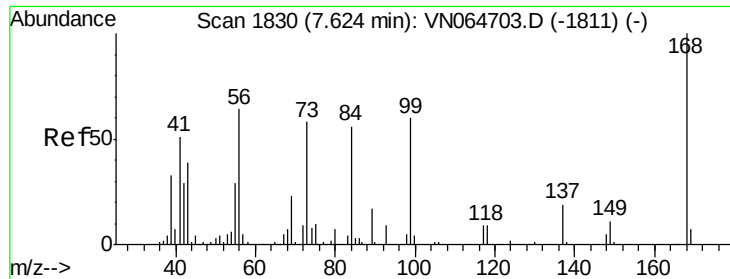
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064765.D
Acq On : 20 Nov 2020 7:07
Operator : JC/MD
Sample : L4798-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
22BR-20201118

Quant Time: Nov 24 08:14:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
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: VN064765.D

Acq: 20 Nov 2020 7:07

Instrument :

MSVOA_N

ClientSampleId :

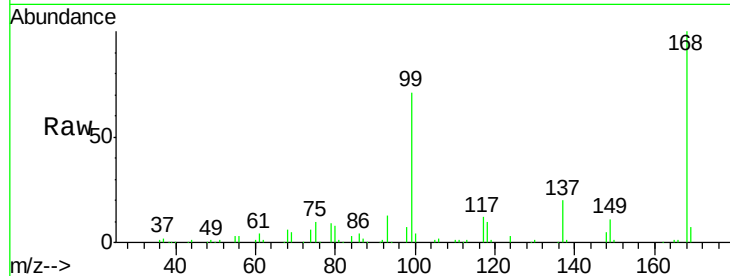
22BR-20201118

Tot Ion:168 Resp: 209335

Ion Ratio Lower Upper

168 100

99 71.2 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

80000

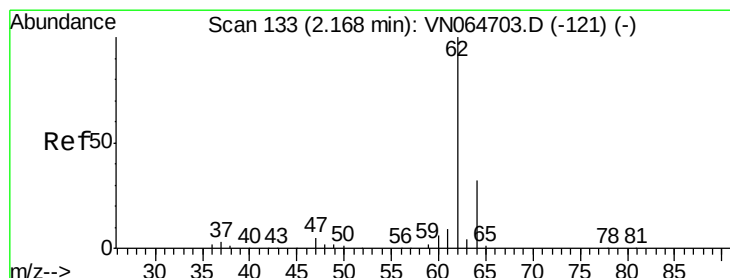
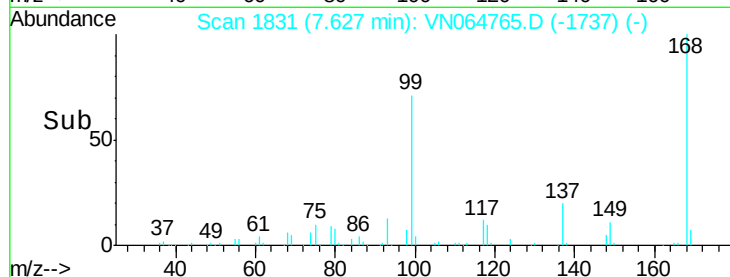
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 0.896 ug/l

RT: 2.17 min Scan# 134

Delta R.T. 0.00 min

Lab File: VN064765.D

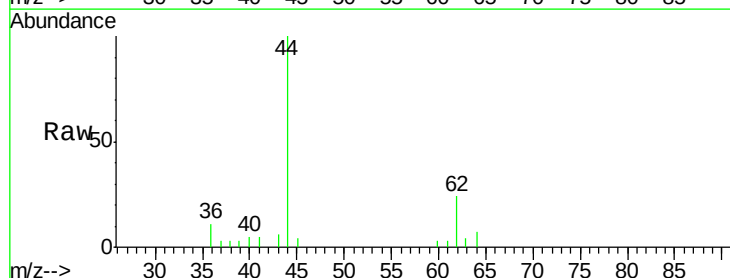
Acq: 20 Nov 2020 7:07

Tgt Ion: 62 Resp: 2705

Ion Ratio Lower Upper

62 100

64 29.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

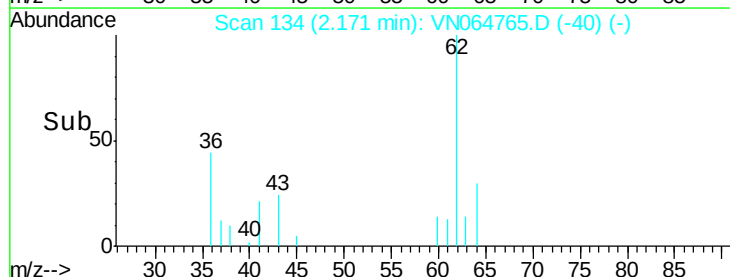
1500

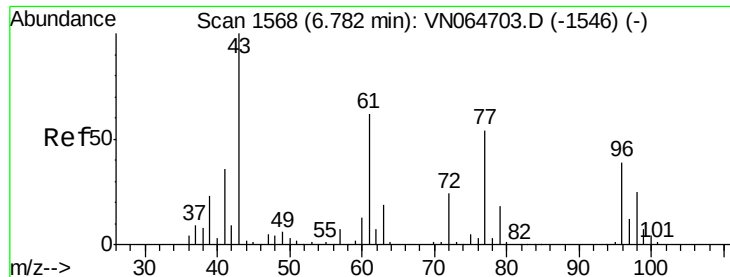
1000

500

0

Time--> 2.15 2.20





#27

cis-1,2-Dichloroethene

Concen: 24.327 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064765.D

Acq: 20 Nov 2020 7:07

Instrument :

MSVOA_N

ClientSampleId :

22BR-20201118

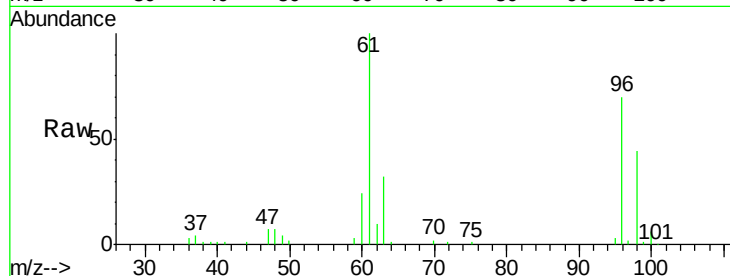
Tot Ion: 96 Resp: 67352

Ion Ratio Lower Upper

96 100

61 139.0 0.0 322.6

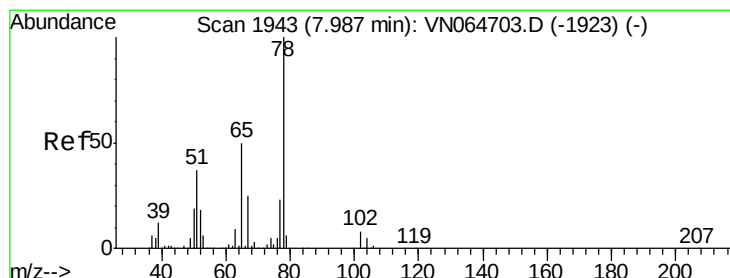
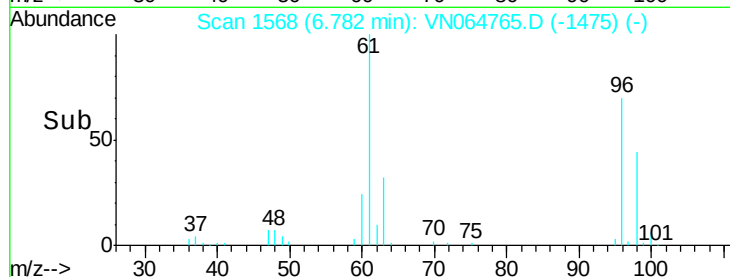
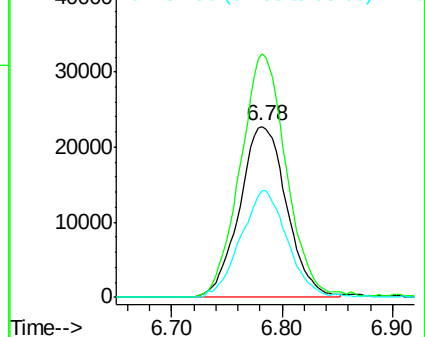
98 61.4 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.142 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064765.D

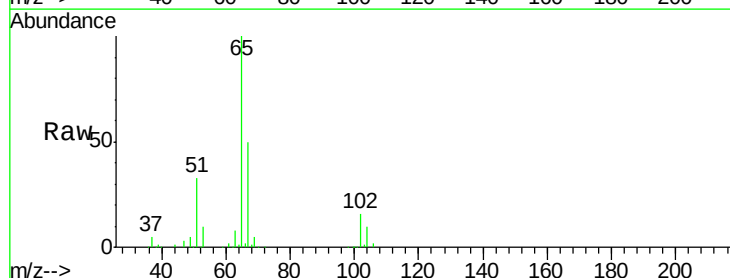
Acq: 20 Nov 2020 7:07

Tgt Ion: 65 Resp: 214112

Ion Ratio Lower Upper

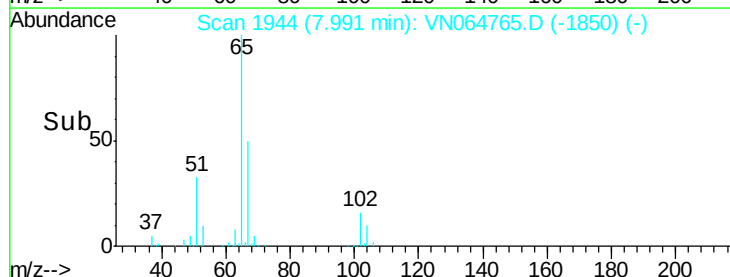
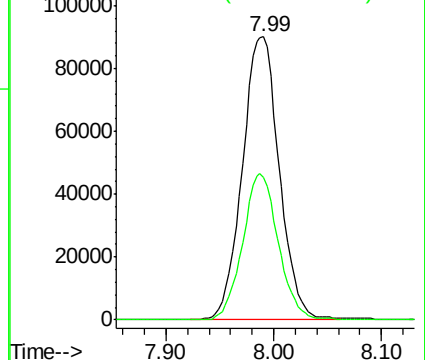
65 100

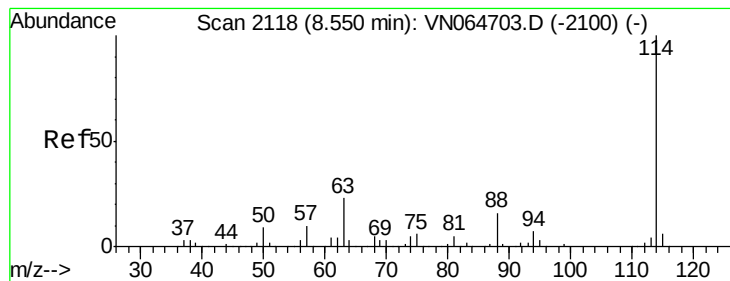
67 49.6 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064765.D

Acq: 20 Nov 2020 7:07

Instrument :

MSVOA_N

ClientSampleId :

22BR-20201118

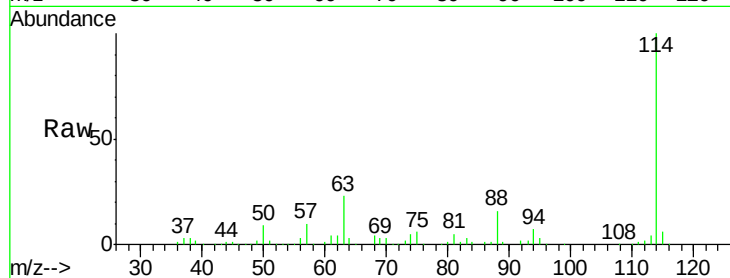
Tot Ion:114 Resp: 467042

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

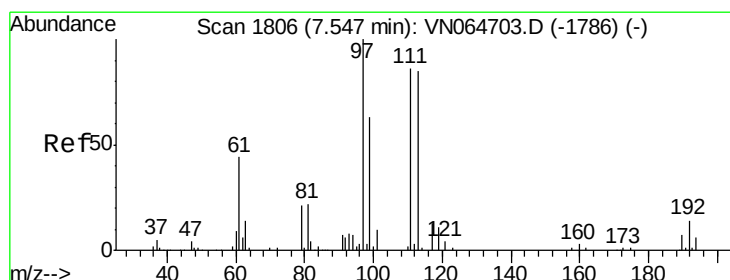
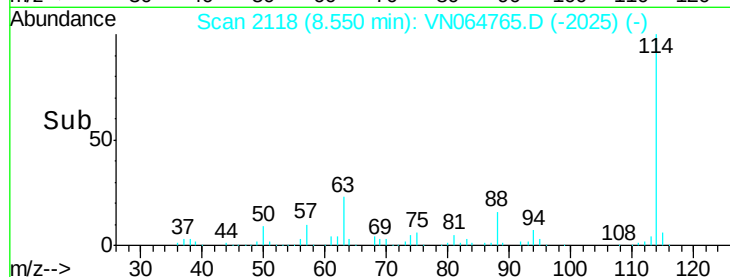
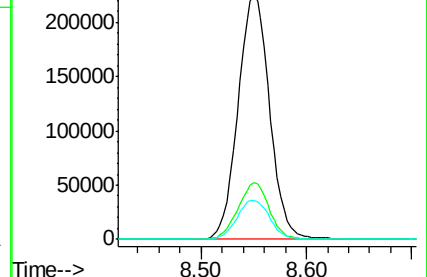
88 16.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 57.589 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064765.D

Acq: 20 Nov 2020 7:07

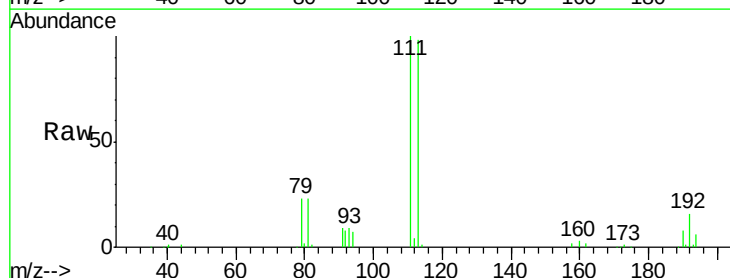
Tgt Ion:113 Resp: 153088

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

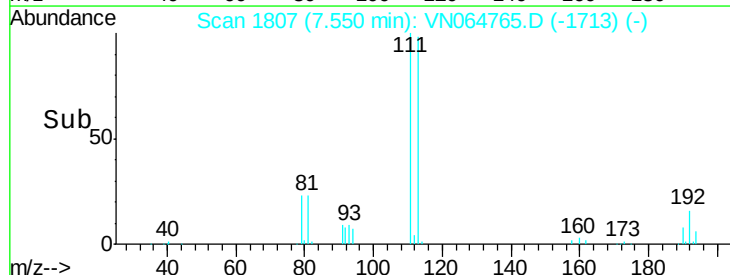
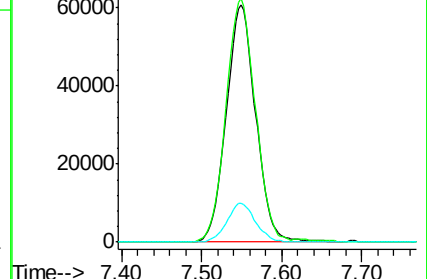
192 15.8 12.7 19.1

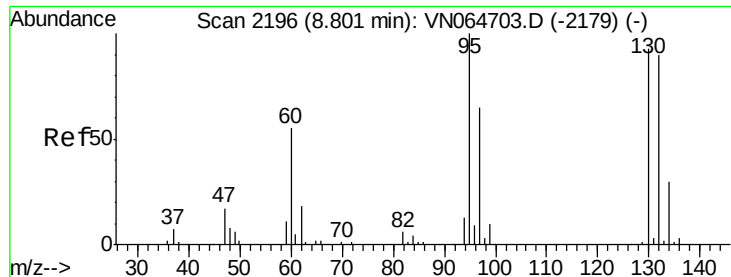


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 15.333 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064765.D

Acq: 20 Nov 2020 7:07

Instrument :

MSVOA_N

ClientSampleId :

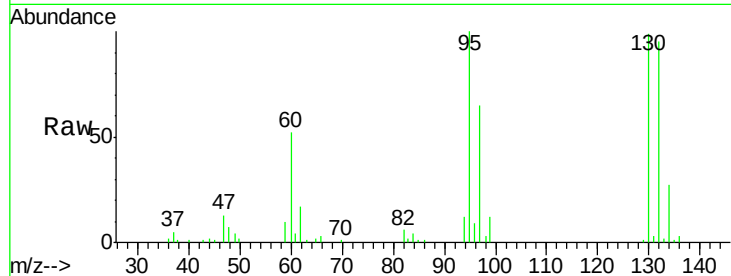
22BR-20201118

Tot Ion:130 Resp: 58914

Ion Ratio Lower Upper

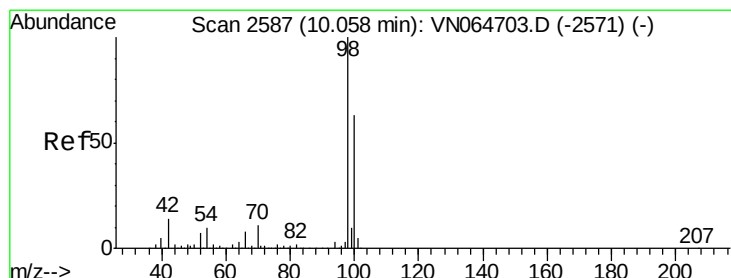
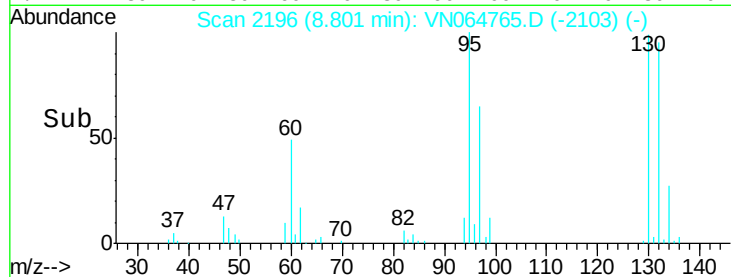
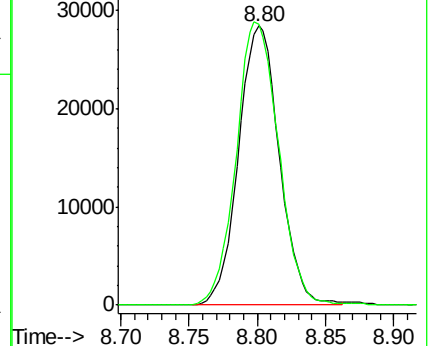
130 100

95 100.6 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: 46.541 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064765.D

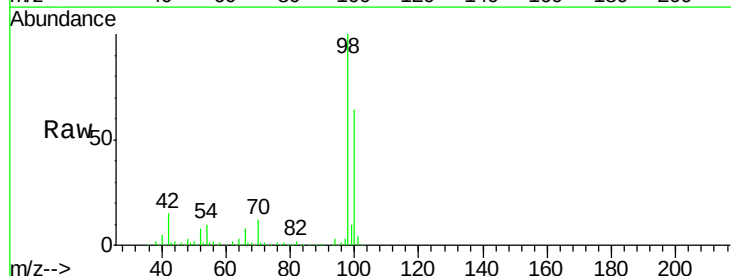
Acq: 20 Nov 2020 7:07

Tgt Ion: 98 Resp: 562280

Ion Ratio Lower Upper

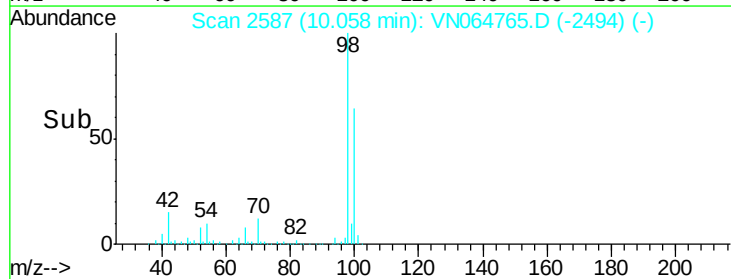
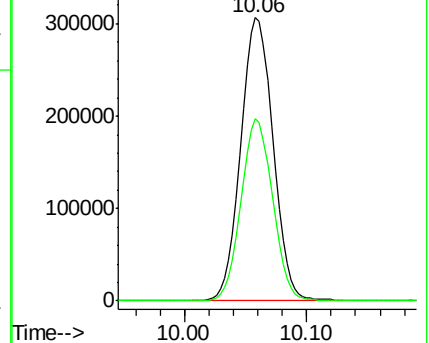
98 100

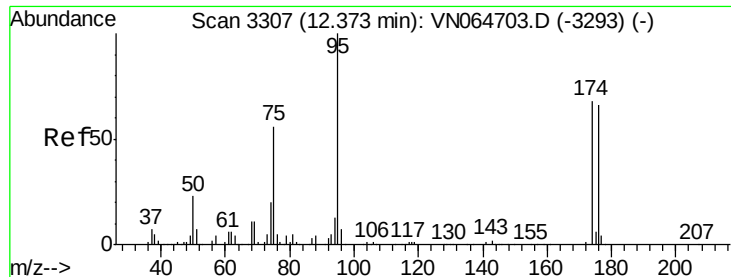
100 62.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

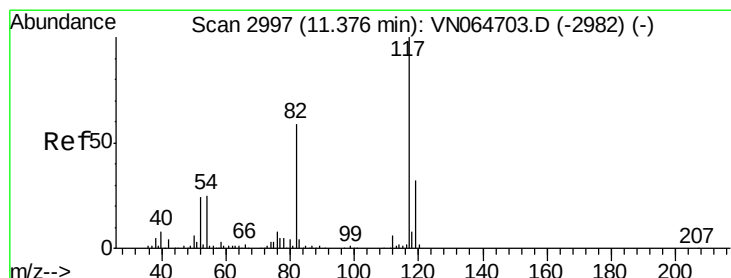
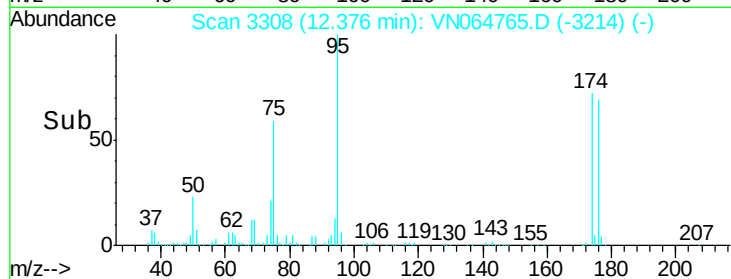
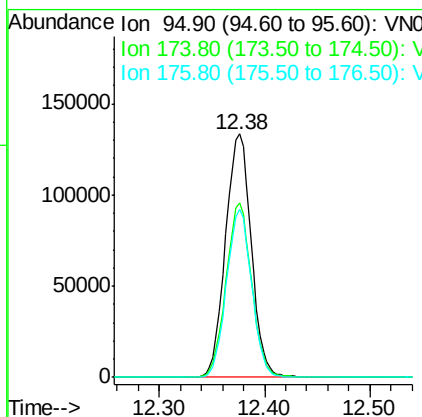
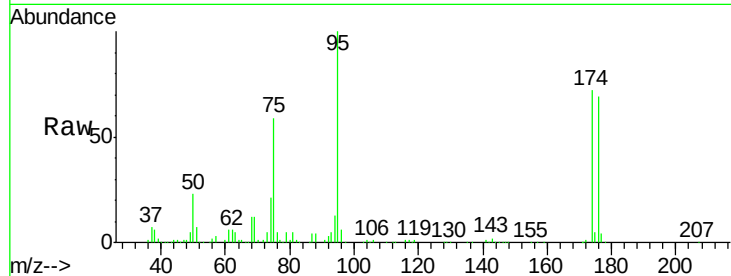




#62
4-Bromofluorobenzene
Concen: 50.073 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064765.D
Acq: 20 Nov 2020 7:07

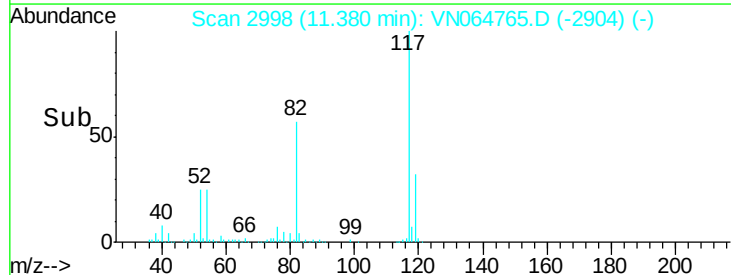
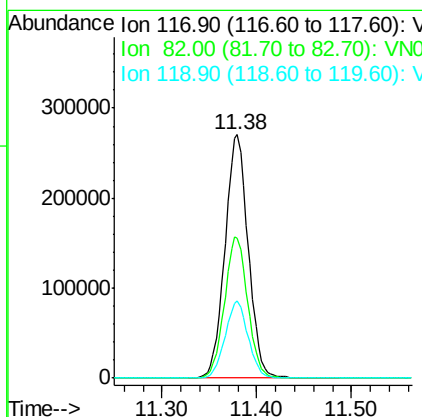
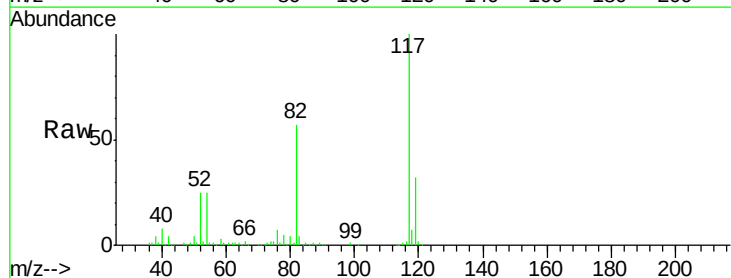
Instrument :
MSVOA_N
ClientSampleId :
22BR-20201118

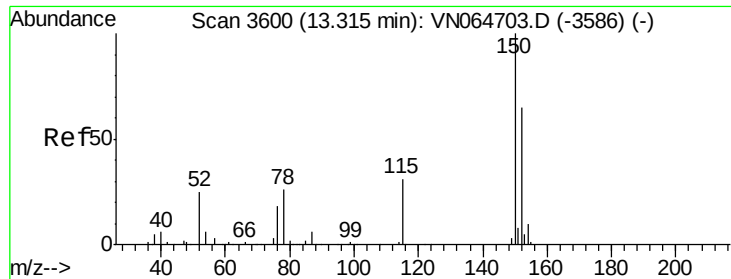
Tot Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	136.8
176	67.0	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064765.D
Acq: 20 Nov 2020 7:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.0	70.6
119	31.6	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: VN064765.D

Acq: 20 Nov 2020 7:07

Instrument :

MSVOA_N

ClientSampleId :

22BR-20201118

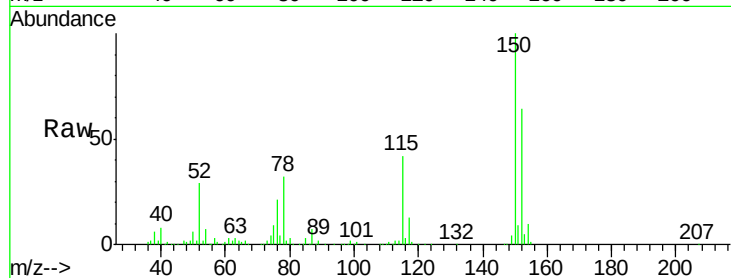
Tot Ion:152 Resp: 190491

Ion Ratio Lower Upper

152 100

115 65.5 32.1 96.3

150 155.1 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

