

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064835.D
 Acq On : 25 Nov 2020 1:54
 Operator : JC/MD
 Sample : L4798-07DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20201118DL

Quant Time: Nov 25 06:34:51 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	158529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	278191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	293187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99461	53.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	107.94%		
35) Dibromofluoromethane	7.55	113	90432	54.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	108.66%		
50) Toluene-d8	10.06	98	350636	51.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.10%		
62) 4-Bromofluorobenzene	12.38	95	135314	55.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.18%		

Target Compounds

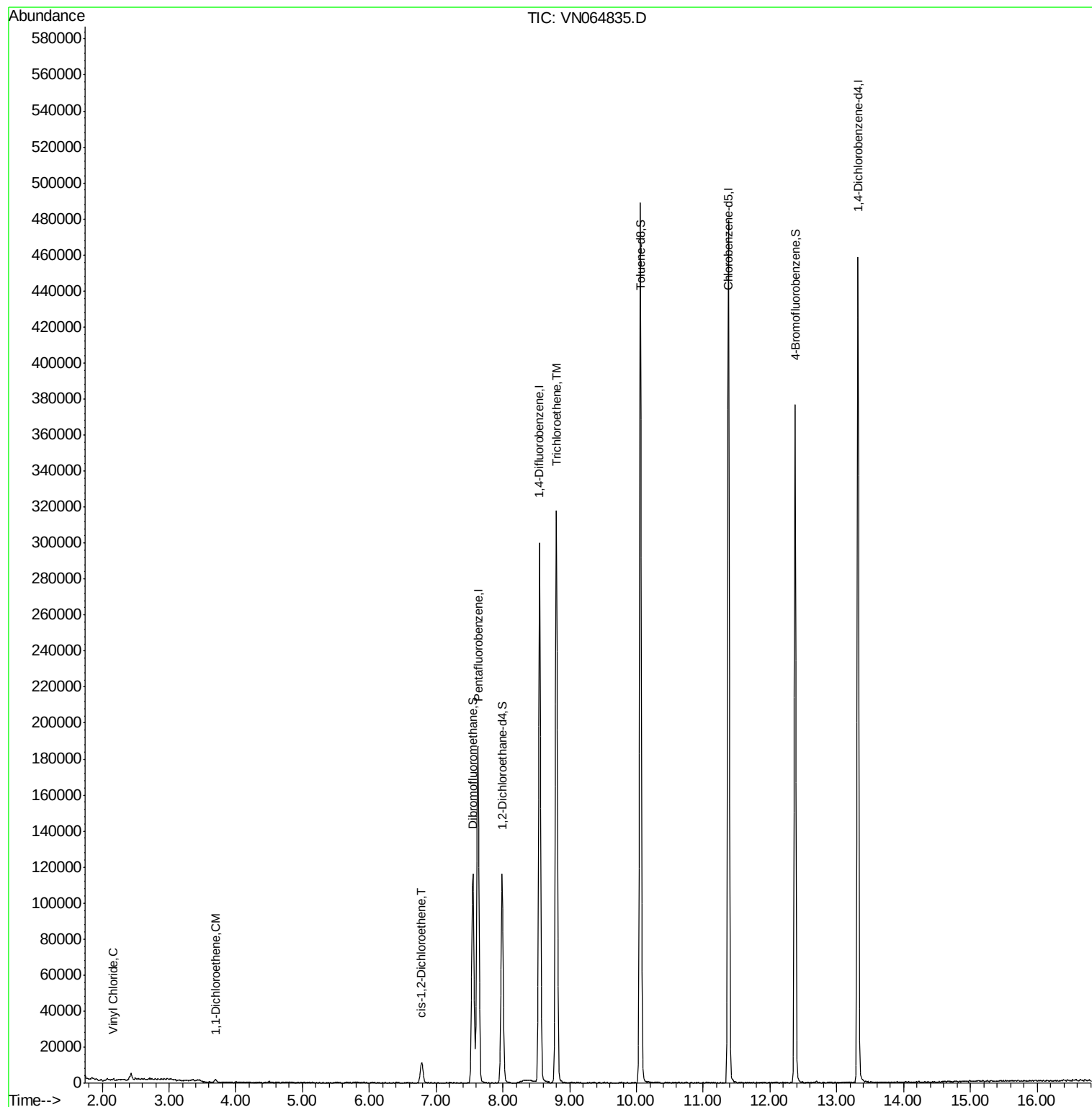
					Qvalue
4) Vinyl Chloride	2.17	62	534	0.287 ug/l #	80
12) 1,1-Dichloroethene	3.70	96	1007	0.655 ug/l #	62
27) cis-1,2-Dichloroethene	6.78	96	6417	3.341 ug/l	92
44) Trichloroethene	8.80	130	124030	53.200 ug/l	99

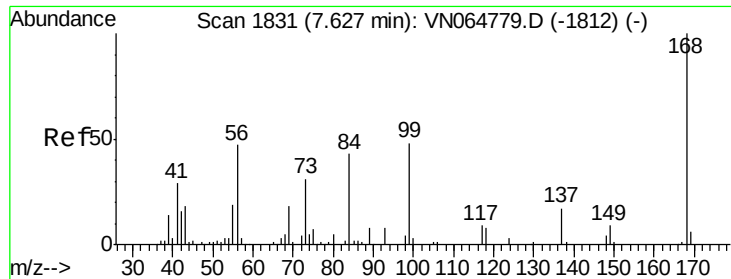
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064835.D

Acq: 25 Nov 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

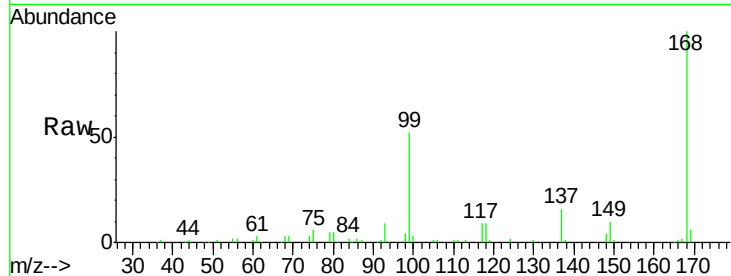
48BR-20201118DL

Tot Ion:168 Resp: 158529

Ion Ratio Lower Upper

168 100

99 51.9 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

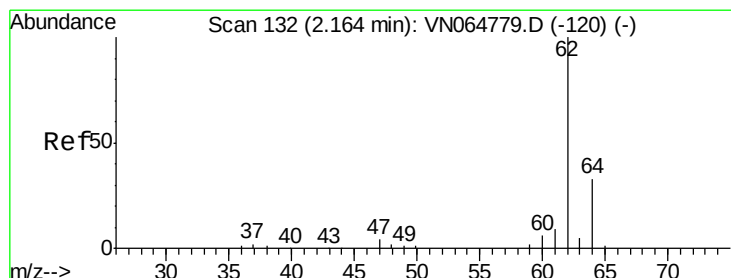
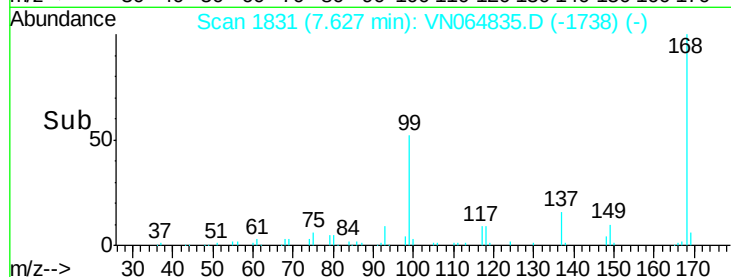
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 0.287 ug/l

RT: 2.17 min Scan# 134

Delta R.T. 0.01 min

Lab File: VN064835.D

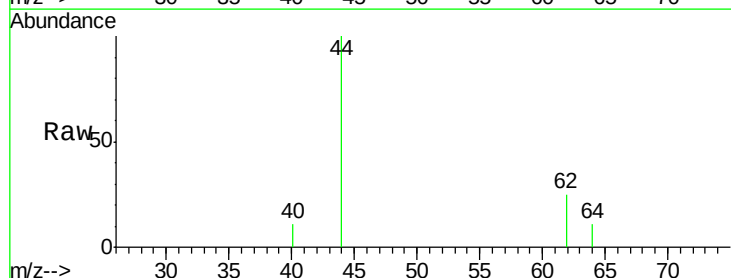
Acq: 25 Nov 2020 1:54

Tgt Ion: 62 Resp: 534

Ion Ratio Lower Upper

62 100

64 44.2 26.5 39.7#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

400

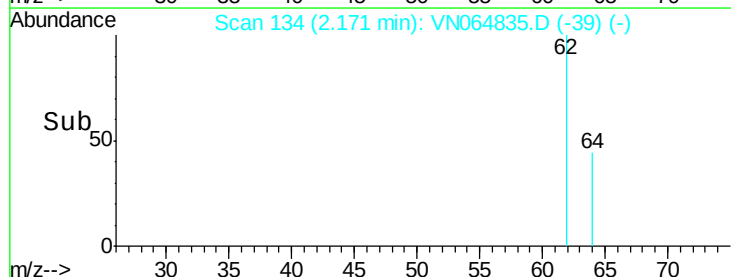
300

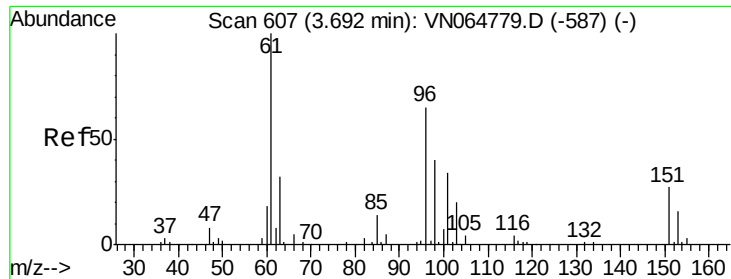
200

100

0

Time--> 2.14 2.16 2.18 2.20

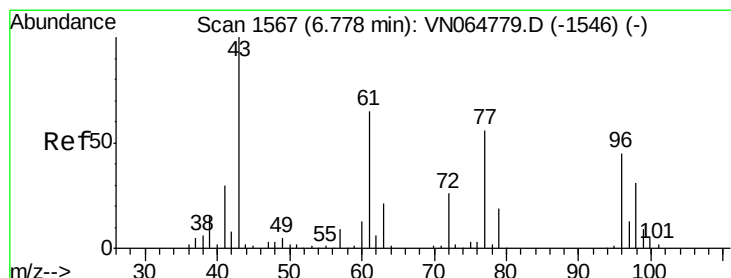
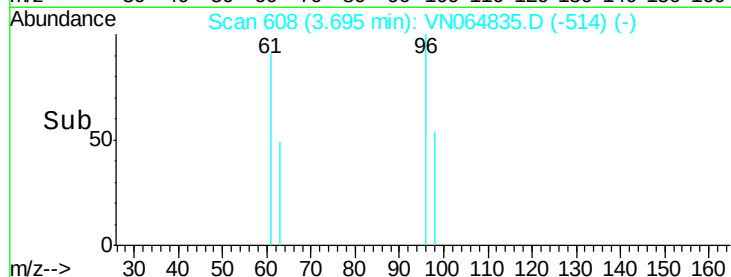
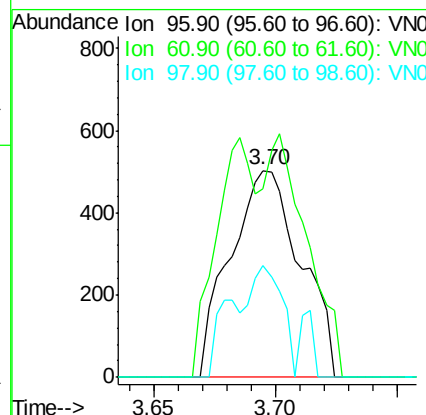
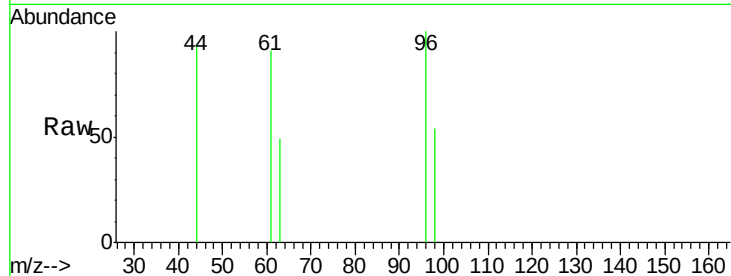




#12
 1,1-Dichloroethene
 Concen: 0.655 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064835.D
 Acq: 25 Nov 2020 1:54

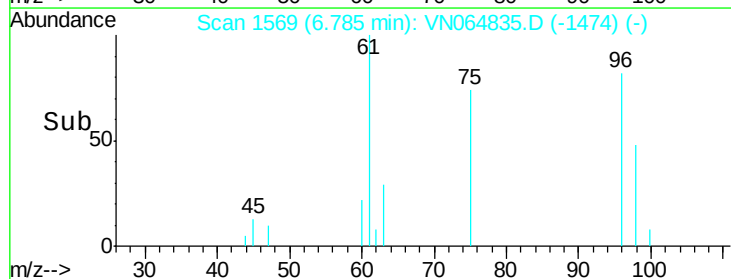
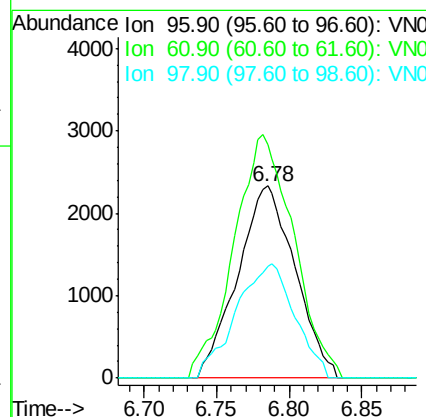
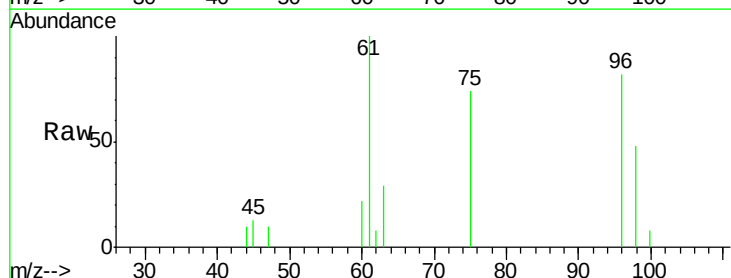
Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20201118DL

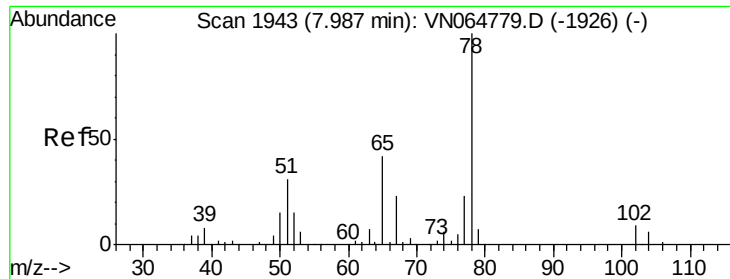
Tot Ion: 96 Resp: 1007
 Ion Ratio Lower Upper
 96 100
 61 91.3 123.4 185.2#
 98 53.9 49.8 74.8



#27
 cis-1,2-Dichloroethene
 Concen: 3.341 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064835.D
 Acq: 25 Nov 2020 1:54

Tgt Ion: 96 Resp: 6417
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 285.8
 98 60.8 0.0 130.6

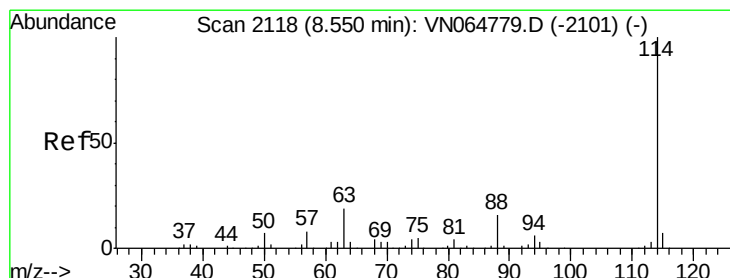
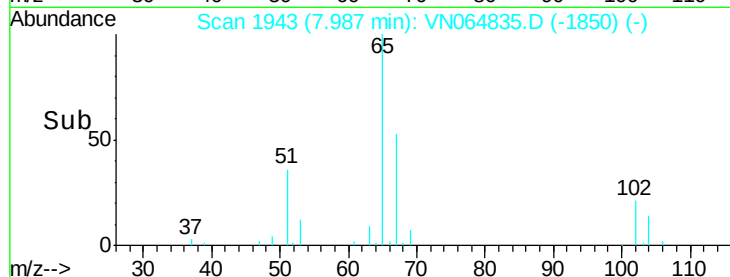
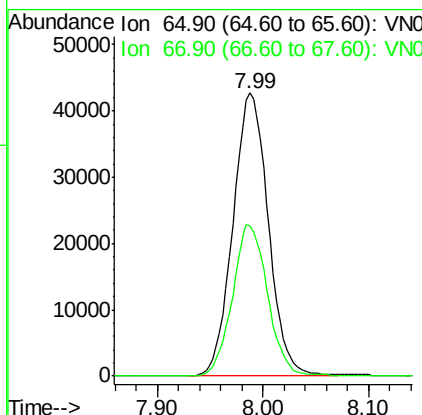
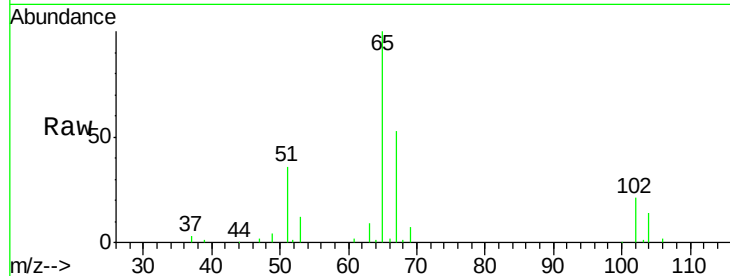




#33
 1,2-Dichloroethane-d4
 Concen: 53.967 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064835.D
 Acq: 25 Nov 2020 1:54

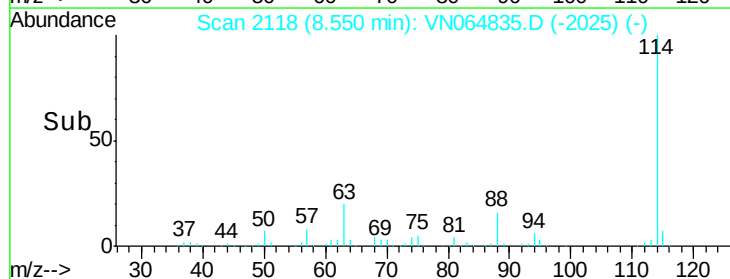
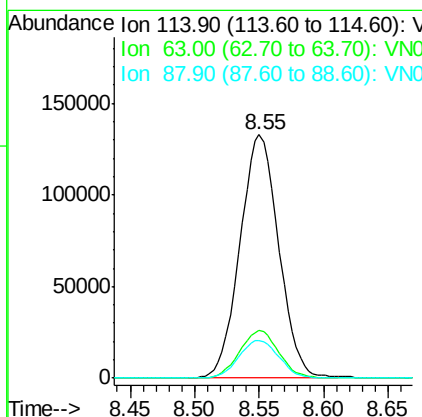
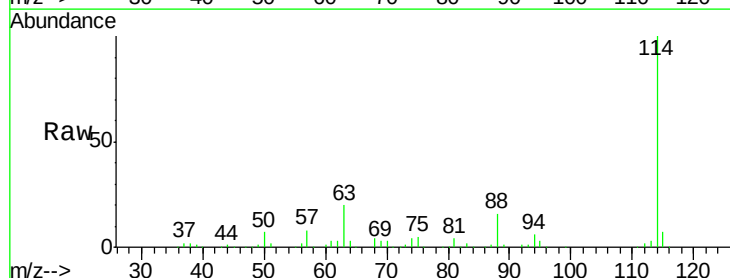
Instrument :
 MSVOA_N
 ClientSampleId :
 48BR-20201118DL

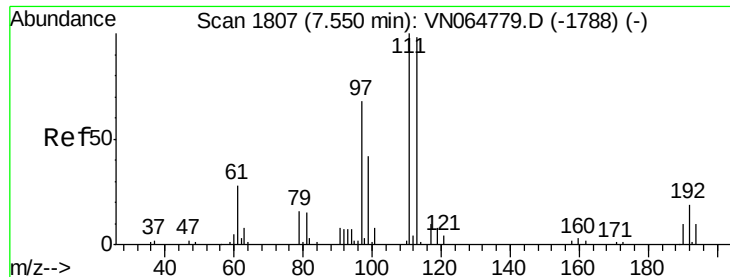
Tot Ion: 65 Resp: 99461
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064835.D
 Acq: 25 Nov 2020 1:54

Tgt Ion: 114 Resp: 278191
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.6 0.0 32.6

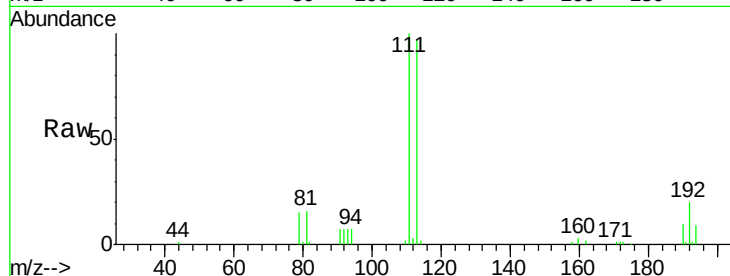




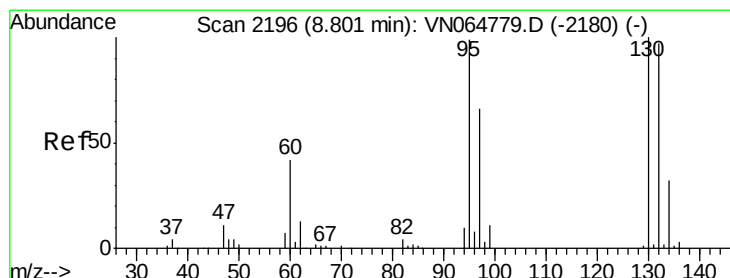
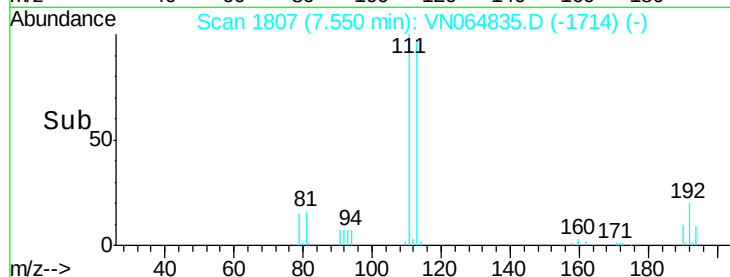
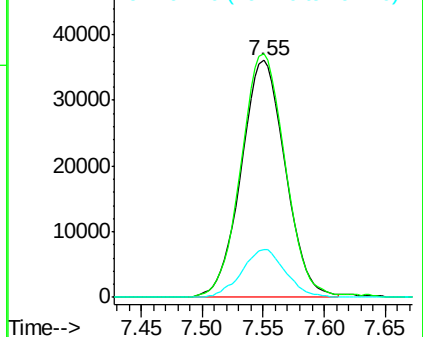
#35
Dibromofluoromethane
Concen: 54.326 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064835.D
Acq: 25 Nov 2020 1:54

Instrument :
MSVOA_N
ClientSampleId :
48BR-20201118DL

Tot Ion:113 Resp: 90432
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 19.9 16.2 24.2

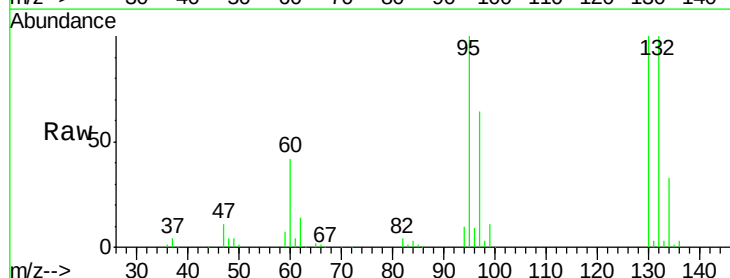


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

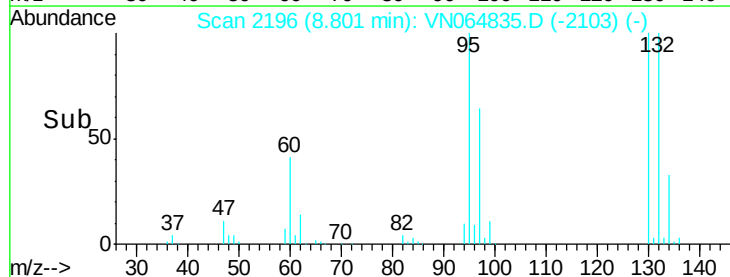
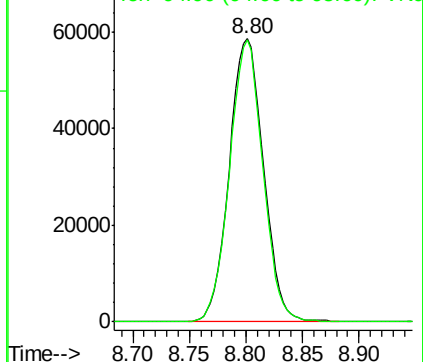


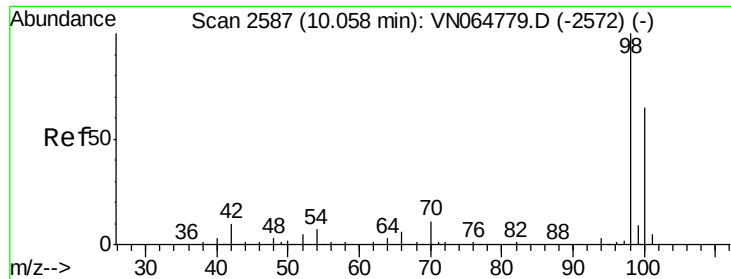
#44
Trichloroethene
Concen: 53.200 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064835.D
Acq: 25 Nov 2020 1:54

Tgt Ion:130 Resp: 124030
Ion Ratio Lower Upper
130 100
95 99.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.553 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064835.D

Acq: 25 Nov 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

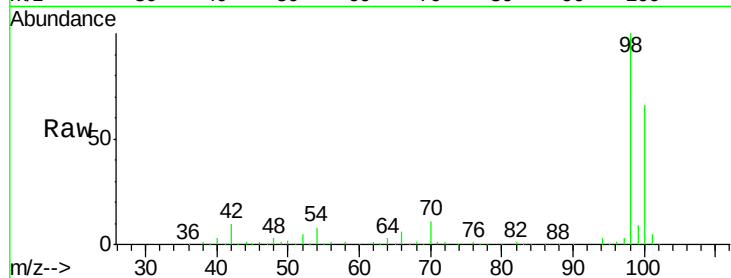
48BR-20201118DL

Tot Ion: 98 Resp: 350636

Ion Ratio Lower Upper

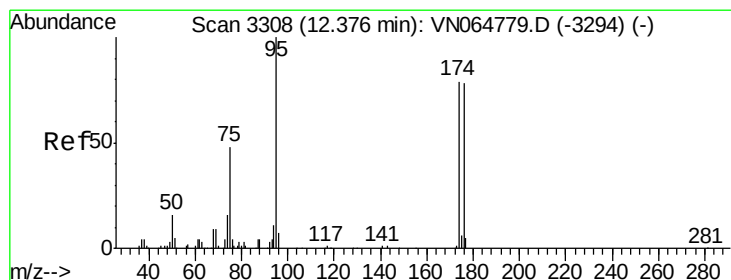
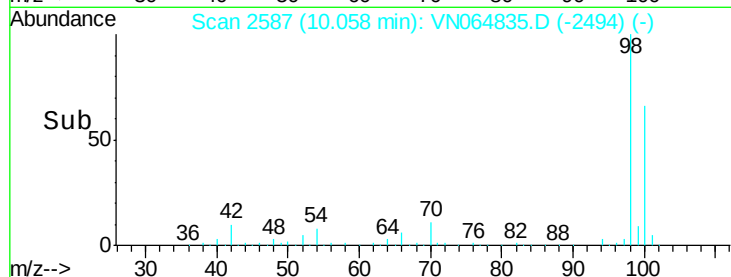
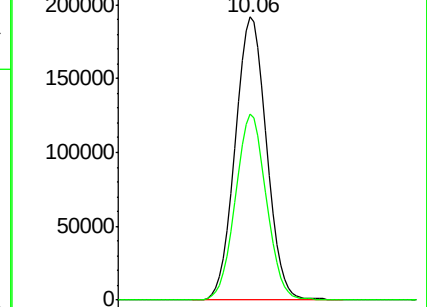
98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 55.591 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064835.D

Acq: 25 Nov 2020 1:54

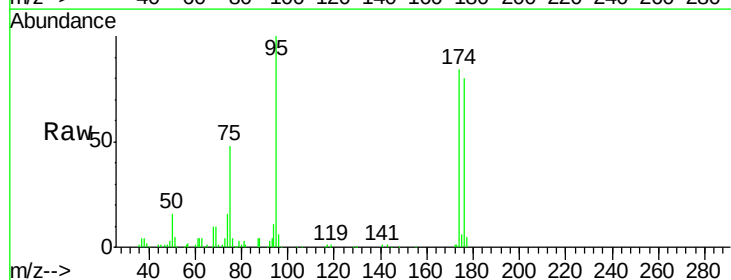
Tgt Ion: 95 Resp: 135314

Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.4

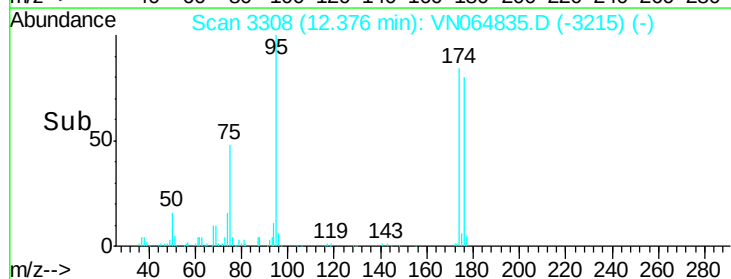
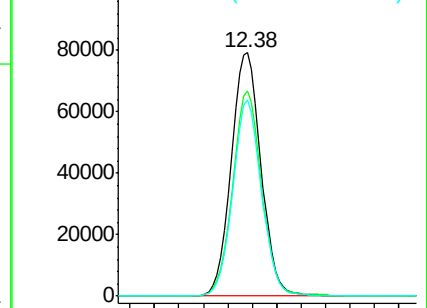
176 77.8 0.0 158.4

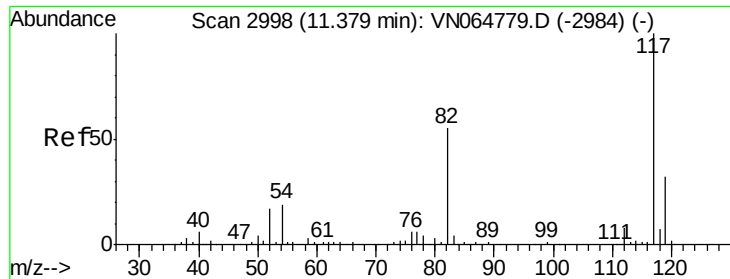


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064835.D

Acq: 25 Nov 2020 1:54

Instrument :

MSVOA_N

ClientSampleId :

48BR-20201118DL

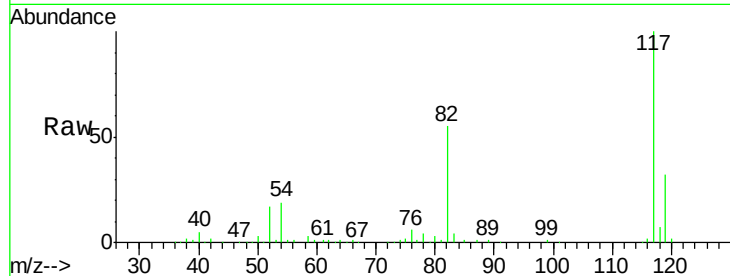
Tot Ion:117 Resp: 293187

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.2

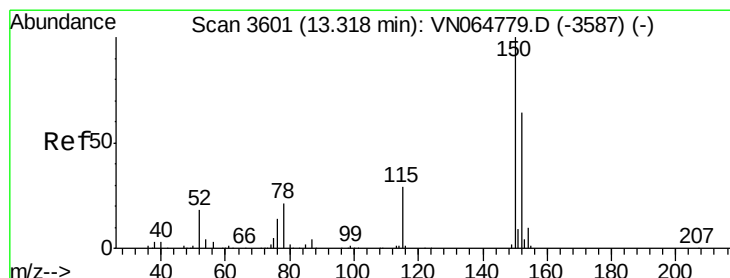
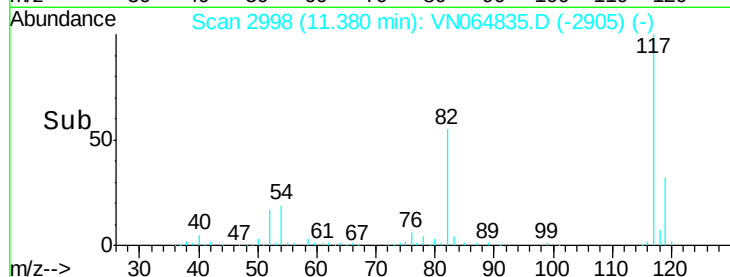
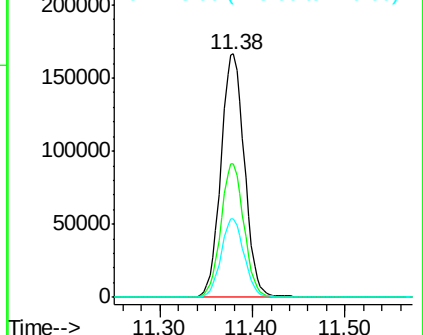
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN064835.D

Acq: 25 Nov 2020 1:54

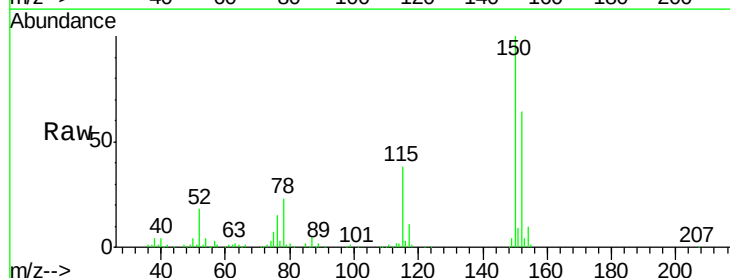
Tgt Ion:152 Resp: 131996

Ion Ratio Lower Upper

152 100

115 57.8 29.7 89.1

150 155.8 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

