

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064793.D
 Acq On : 23 Nov 2020 19:11
 Operator : JC/MD
 Sample : L4829-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Quant Time: Nov 24 04:44:00 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	151317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	96674	54.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.90%
35) Dibromofluoromethane	7.55	113	87437	53.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.72%
50) Toluene-d8	10.06	98	338364	51.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.02%
62) 4-Bromofluorobenzene	12.38	95	128770	54.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.48%

Target Compounds

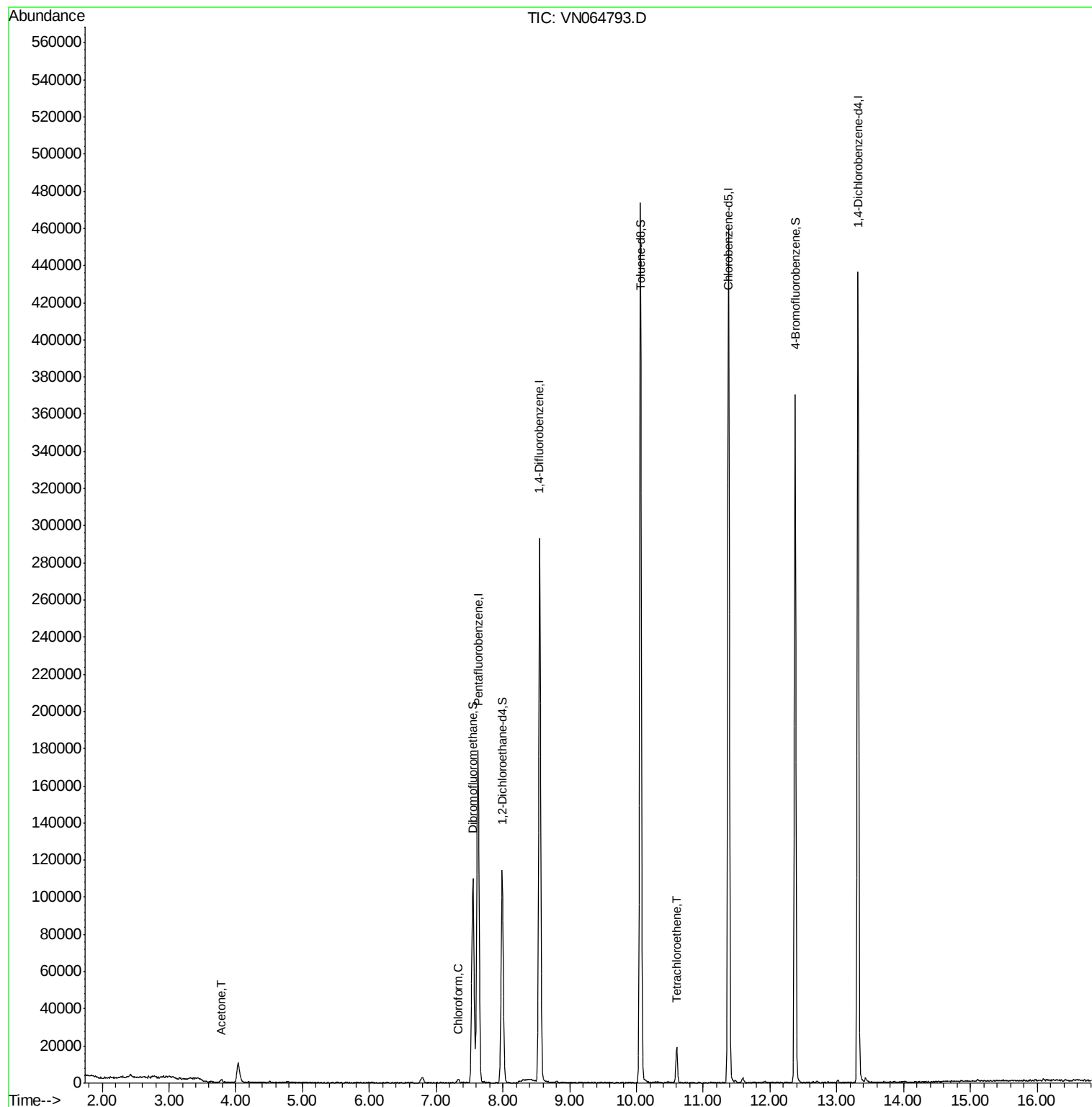
					Qvalue
16) Acetone	3.79	43	2191	3.789 ug/l	93
30) Chloroform	7.33	83	2416	0.809 ug/l	87
64) Tetrachloroethene	10.60	164	4721	1.740 ug/l	95

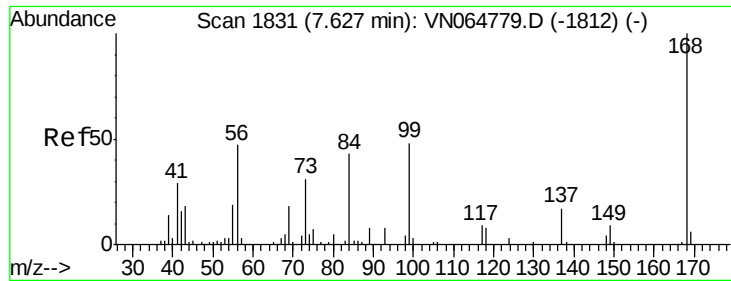
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
Data File : VN064793.D
Acq On : 23 Nov 2020 19:11
Operator : JC/MD
Sample : L4829-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Quant Time: Nov 24 04:44:00 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064793.D

Acq: 23 Nov 2020 19:11

Instrument :

MSVOA_N

ClientSampled :

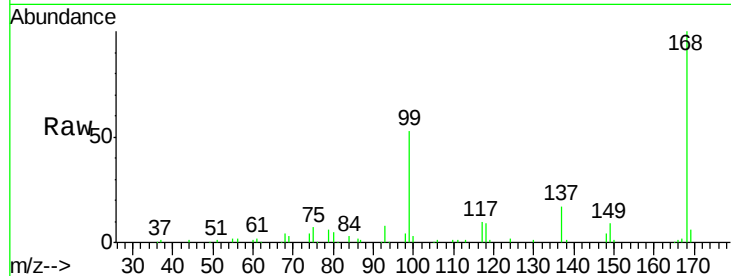
MW-15

Tot Ion:168 Resp: 151317

Ion Ratio Lower Upper

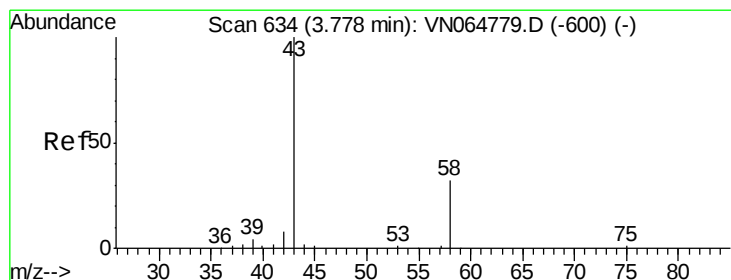
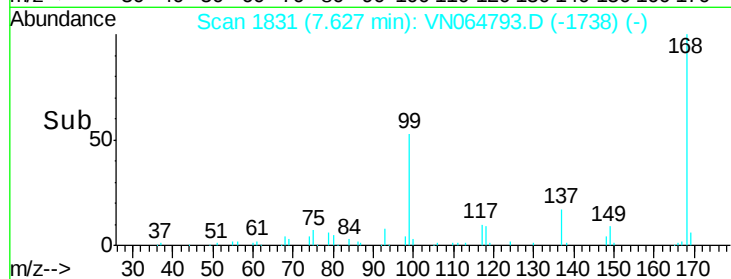
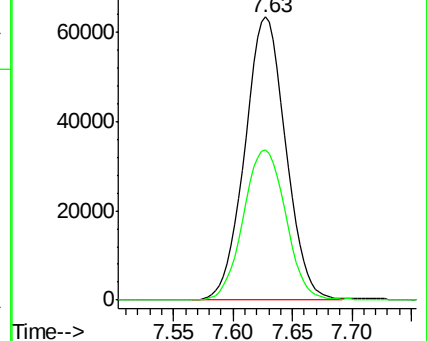
168 100

99 53.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.789 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064793.D

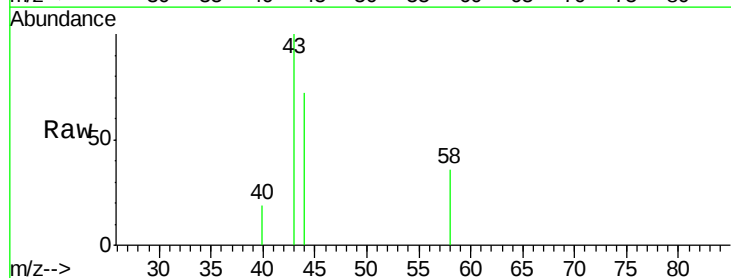
Acq: 23 Nov 2020 19:11

Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

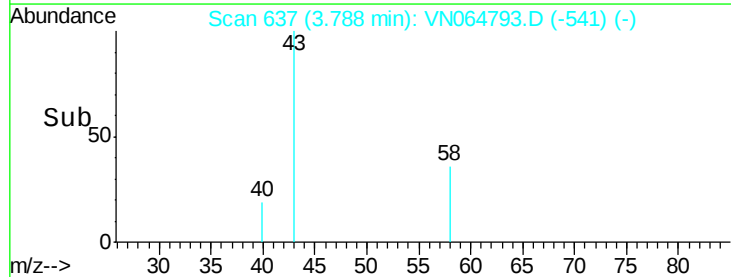
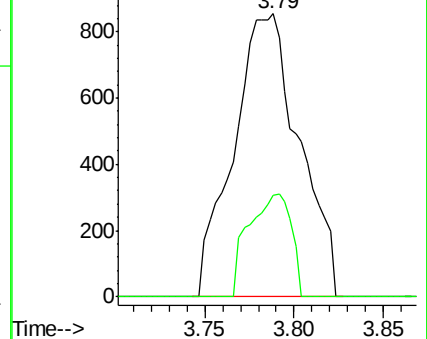
43 100

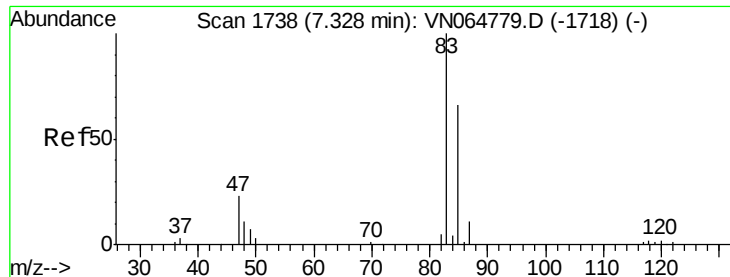
58 35.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

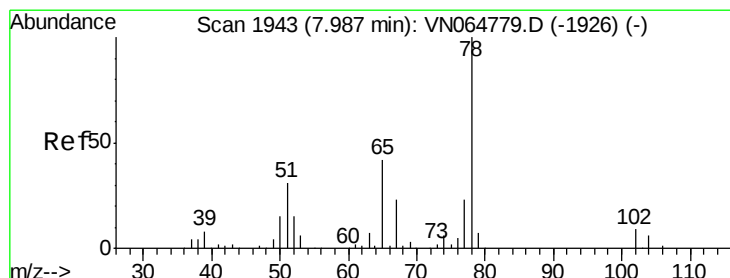
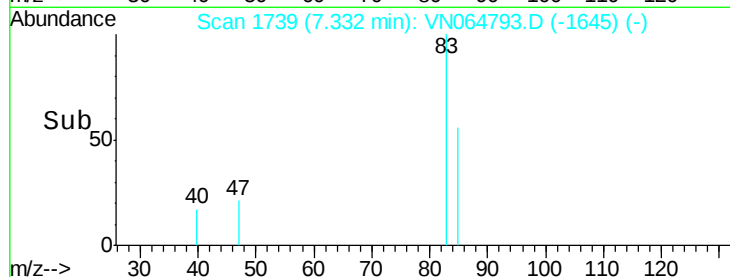
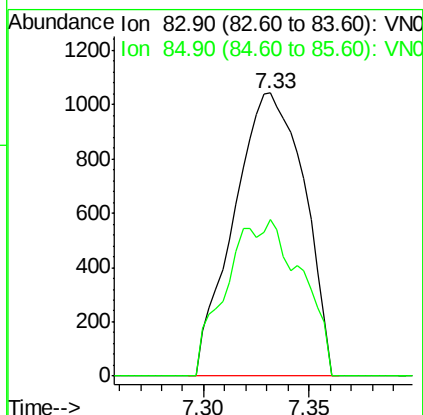
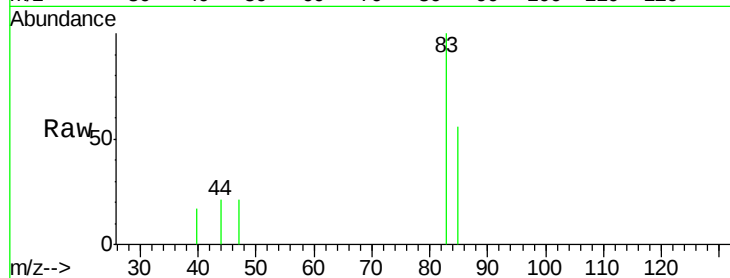




#30
 Chloroform
 Concen: 0.809 ug/l
 RT: 7.33 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: VN064793.D
 Acq: 23 Nov 2020 19:11

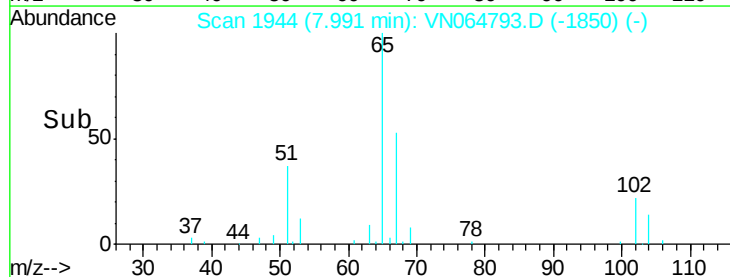
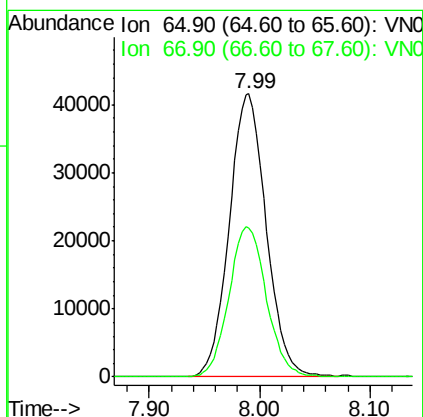
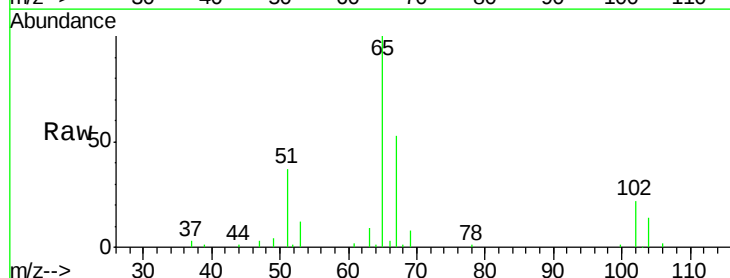
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

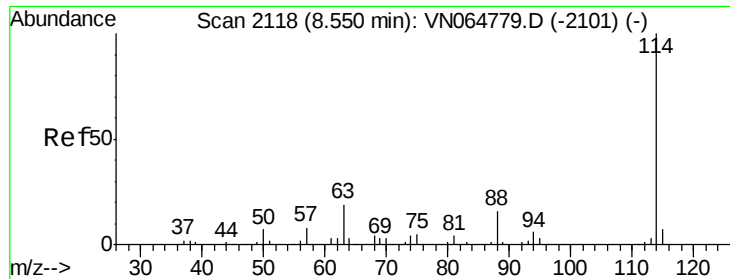
Tot Ion: 83 Resp: 2416
 Ion Ratio Lower Upper
 83 100
 85 55.6 52.6 78.8



#33
 1,2-Dichloroethane-d4
 Concen: 54.955 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064793.D
 Acq: 23 Nov 2020 19:11

Tgt Ion: 65 Resp: 96674
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2

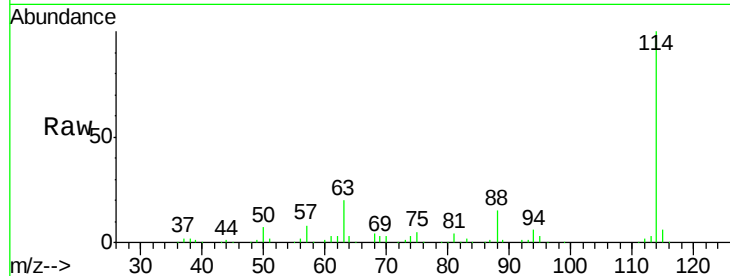




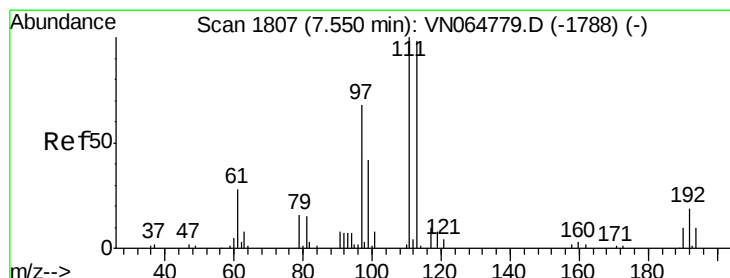
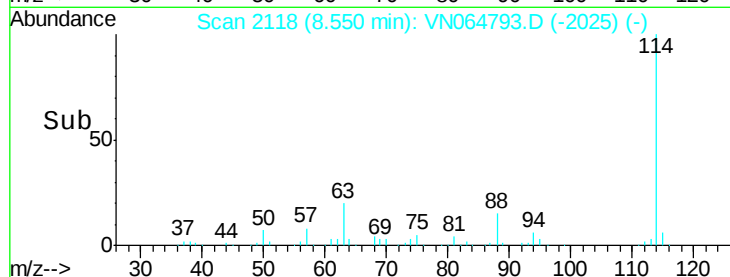
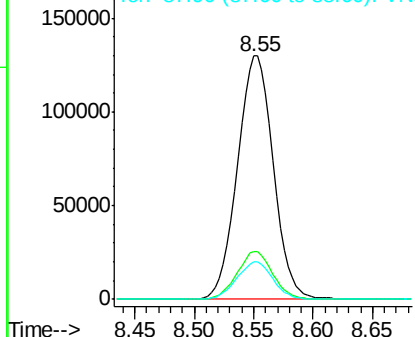
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064793.D
Acq: 23 Nov 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Tot Ion:114 Resp: 271310
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.2 0.0 32.6

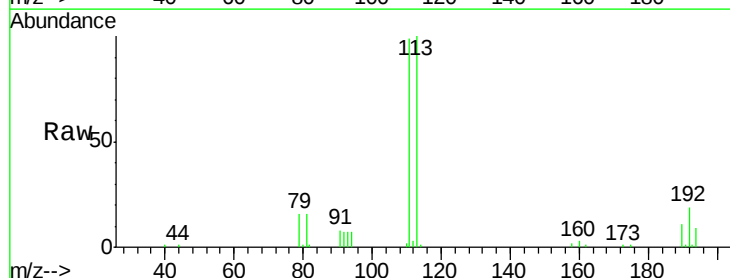


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

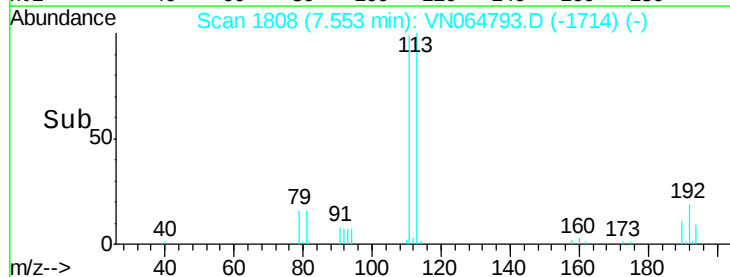
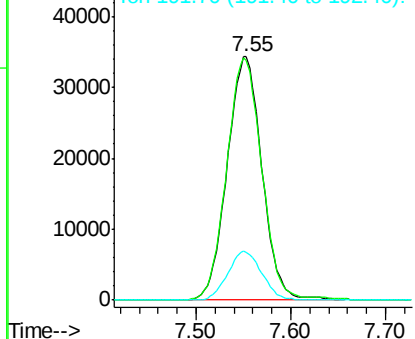


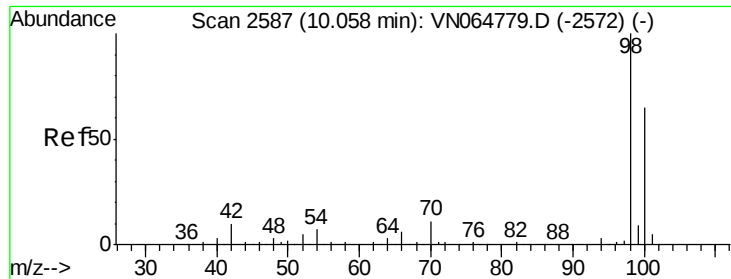
#35
Dibromofluoromethane
Concen: 53.859 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN064793.D
Acq: 23 Nov 2020 19:11

Tgt Ion:113 Resp: 87437
Ion Ratio Lower Upper
113 100
111 100.7 81.6 122.4
192 19.5 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





#50

Toluene-d8

Concen: 51.011 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064793.D

Acq: 23 Nov 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

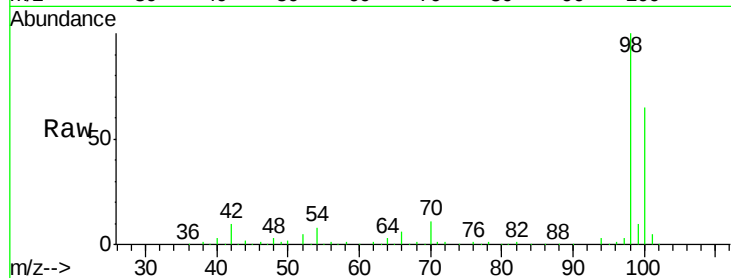
MW-15

Tot Ion: 98 Resp: 338364

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

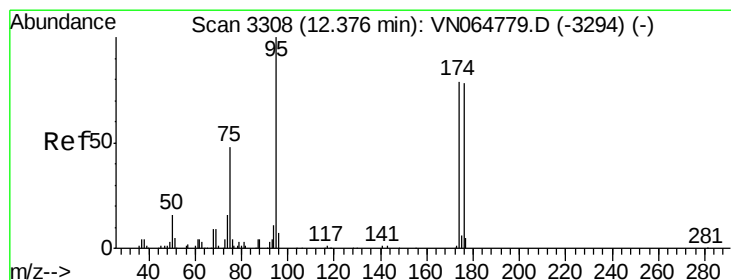
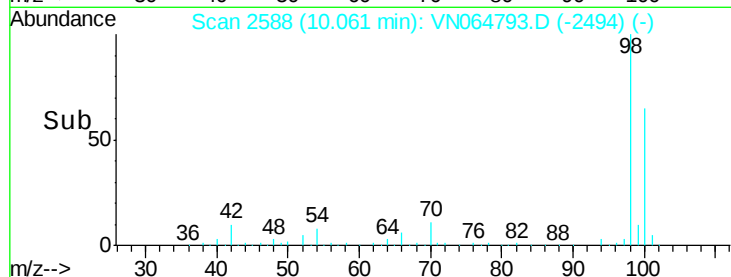
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.244 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064793.D

Acq: 23 Nov 2020 19:11

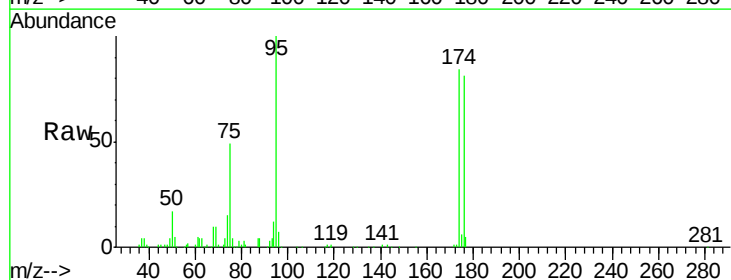
Tgt Ion: 95 Resp: 128770

Ion Ratio Lower Upper

95 100

174 83.2 0.0 160.4

176 79.6 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

12.38

100000

80000

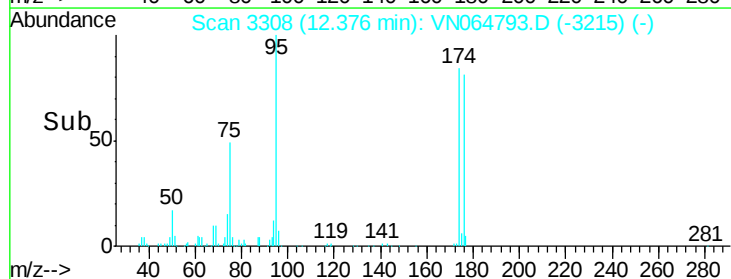
60000

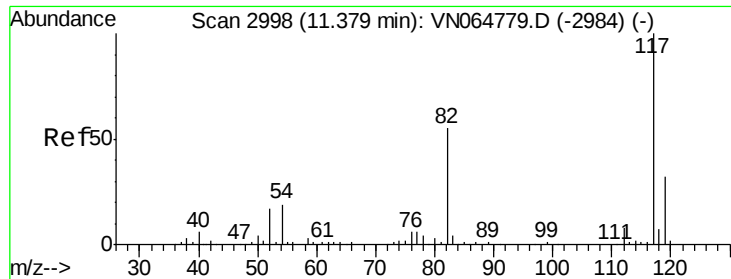
40000

20000

0

Time-->

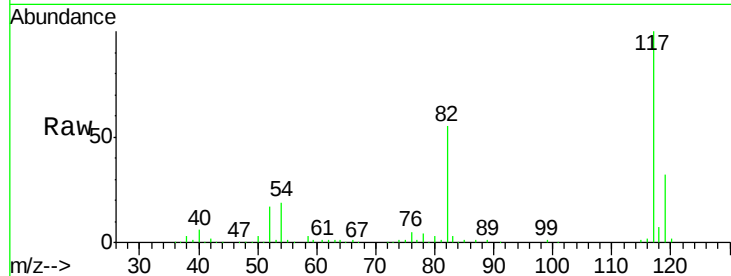




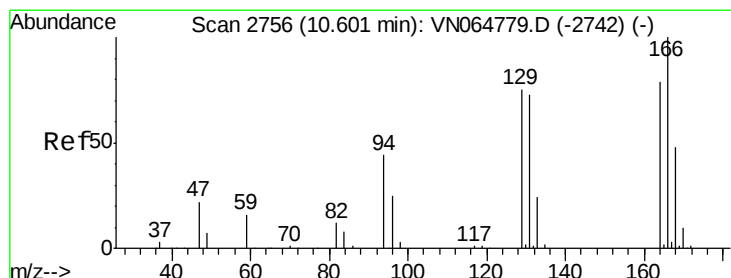
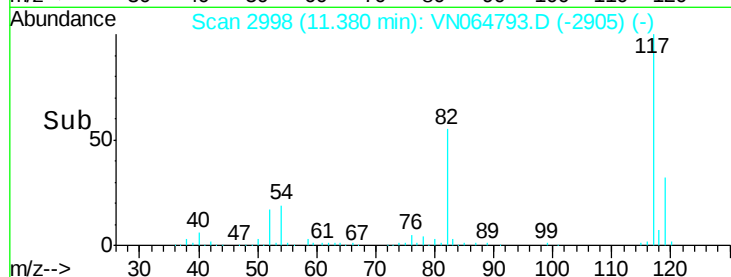
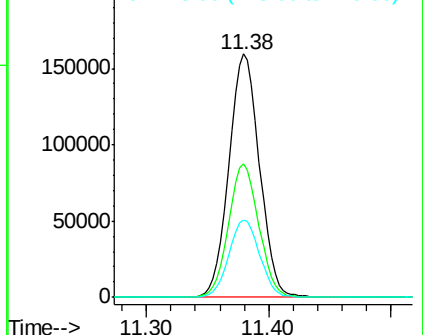
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064793.D
Acq: 23 Nov 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Tot Ion:117 Resp: 278871
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.9 25.8 38.6



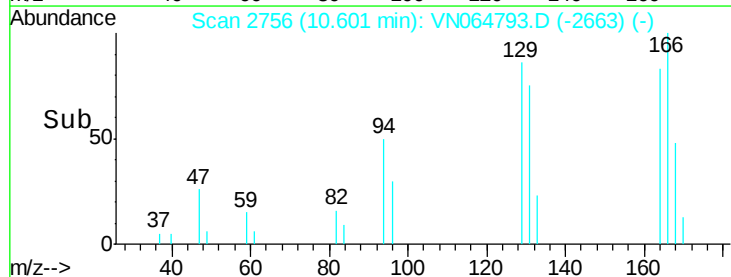
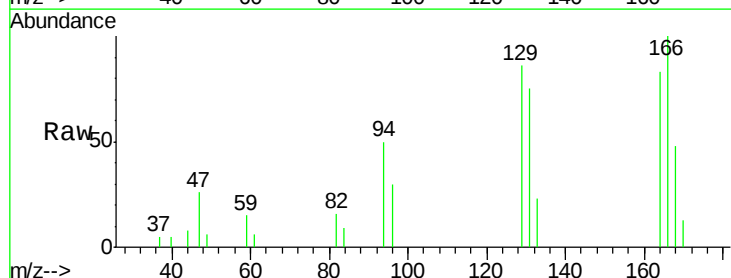
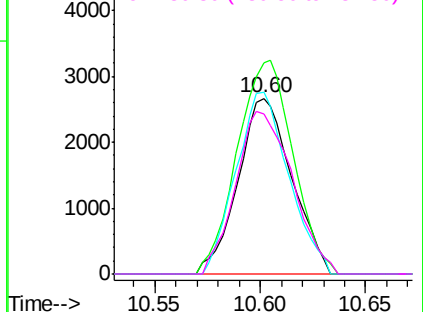
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 1.740 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064793.D
Acq: 23 Nov 2020 19:11

Tgt Ion:164 Resp: 4721
Ion Ratio Lower Upper
164 100
166 120.3 101.4 152.0
129 103.6 76.1 114.1
131 90.7 74.2 111.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064793.D

Acq: 23 Nov 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

MW-15

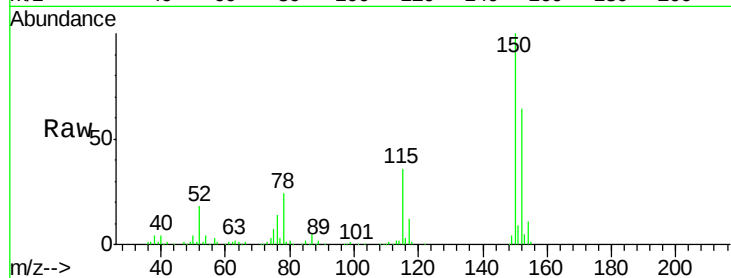
Tot Ion:152 Resp: 122826

Ion Ratio Lower Upper

152 100

115 59.2 29.7 89.1

150 159.0 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

