

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064795.D
 Acq On : 24 Nov 2020 1:09
 Operator : JC/MD
 Sample : L4829-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Quant Time: Nov 24 04:49:04 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

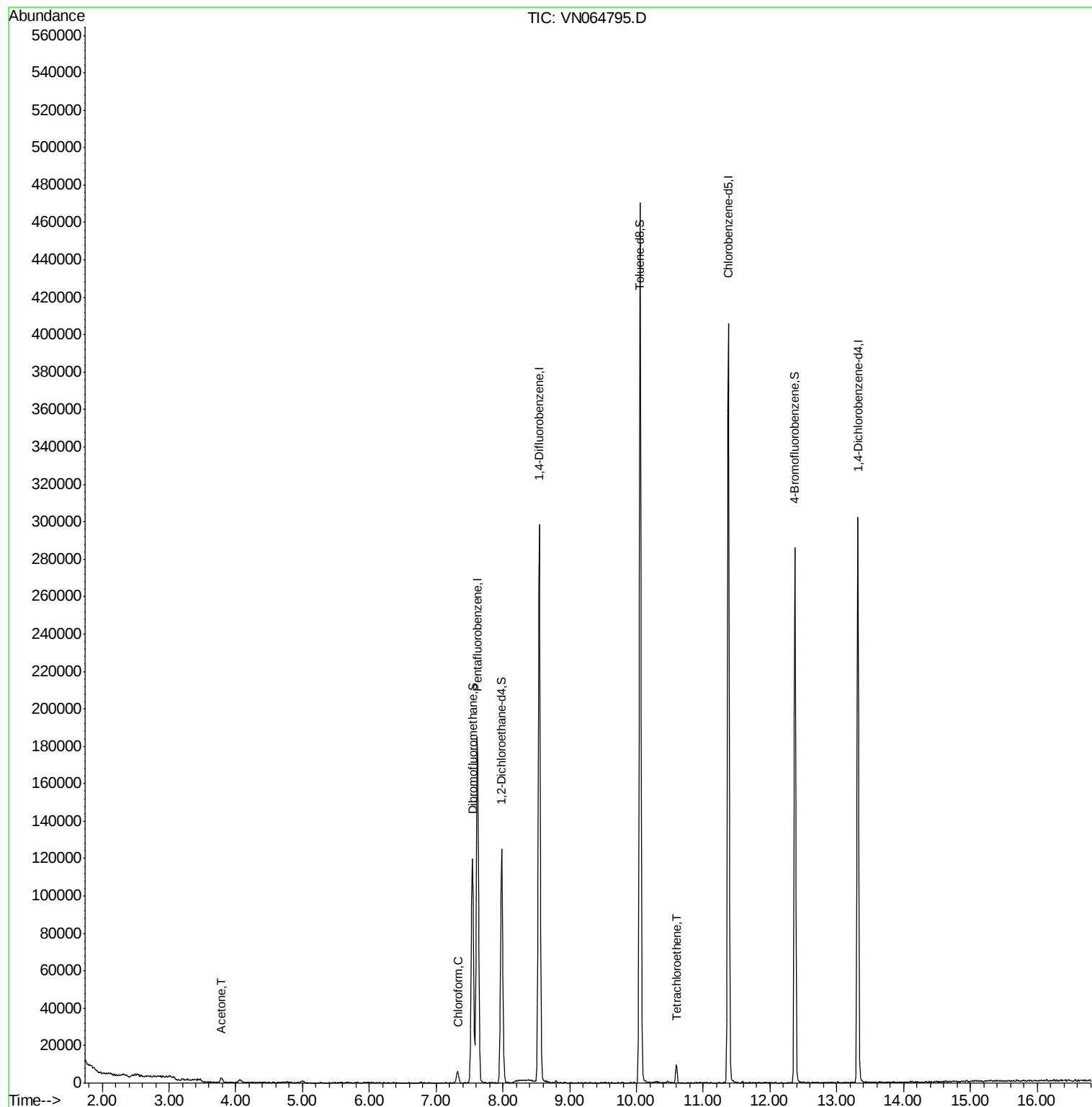
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	156712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	275241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.31	152	86271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	107291	58.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	117.78%	
35) Dibromofluoromethane	7.54	113	94393	57.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	114.62%	
50) Toluene-d8	10.05	98	337962	50.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.37	95	101436	42.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	84.24%	
Target Compounds						
16) Acetone	3.78	43	4221	7.048	ug/l	98
30) Chloroform	7.32	83	6851	2.216	ug/l	93
64) Tetrachloroethene	10.59	164	2339	0.982	ug/l	91

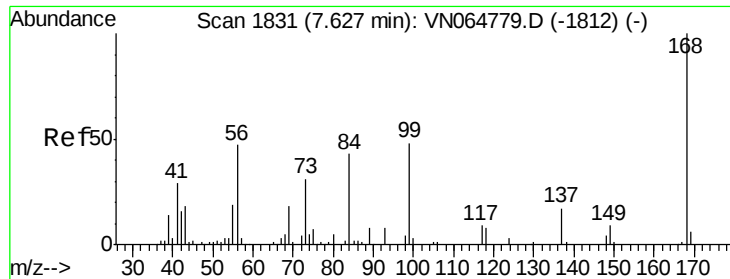
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampled :

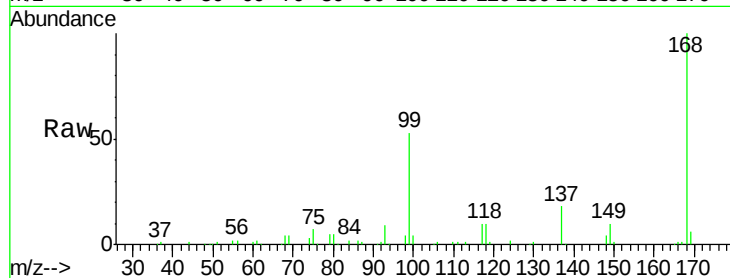
MW-17

Tot Ion:168 Resp: 156712

Ion Ratio Lower Upper

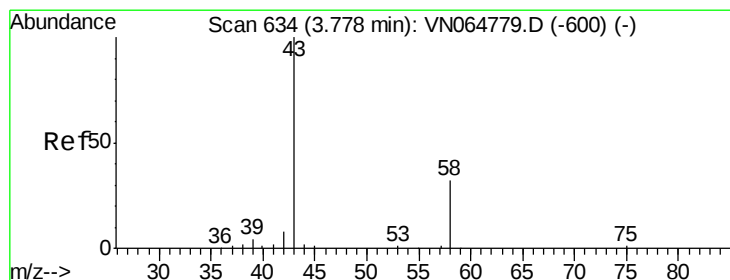
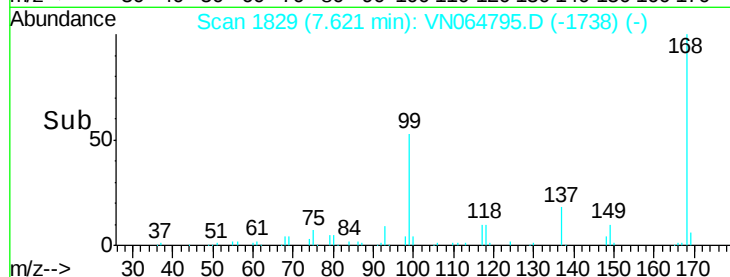
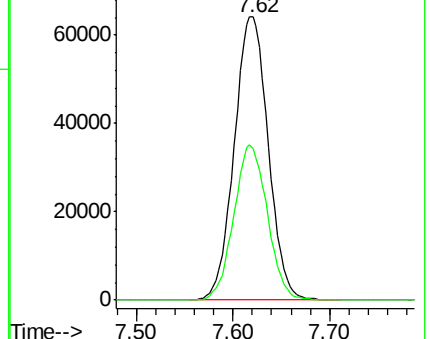
168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.048 ug/l

RT: 3.78 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN064795.D

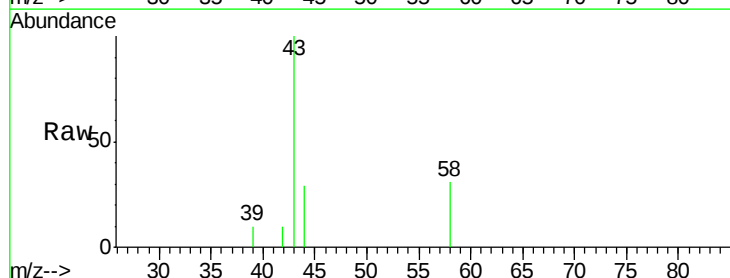
Acq: 24 Nov 2020 1:09

Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

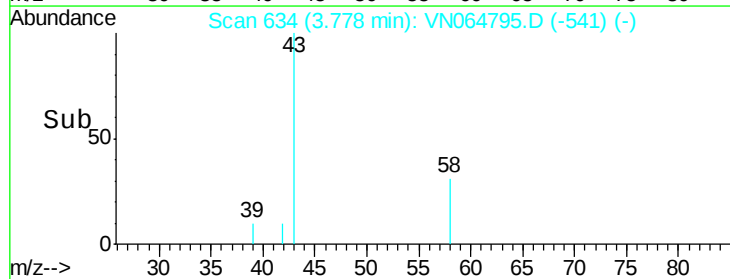
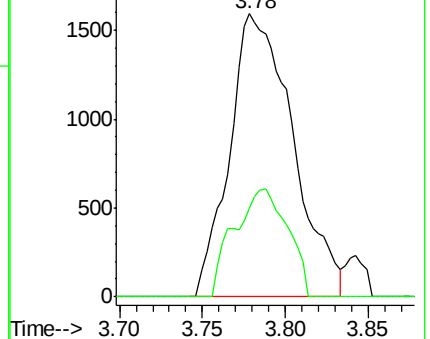
43 100

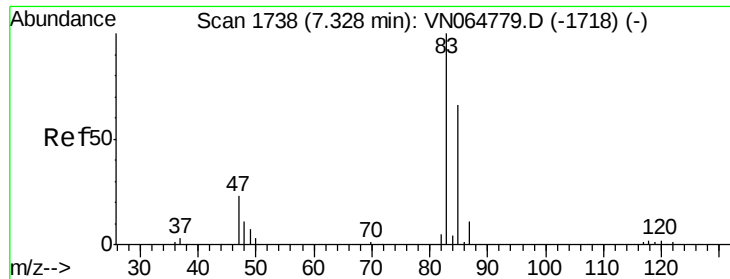
58 31.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

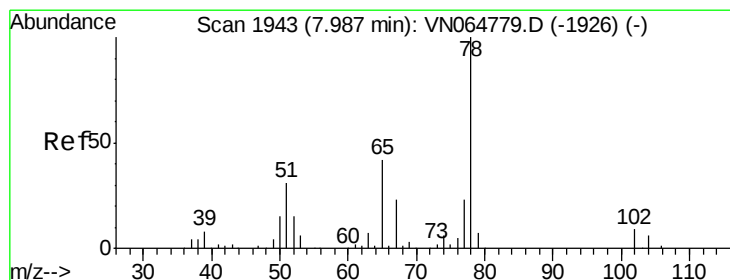
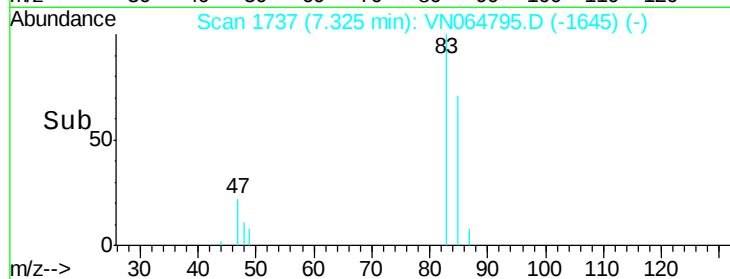
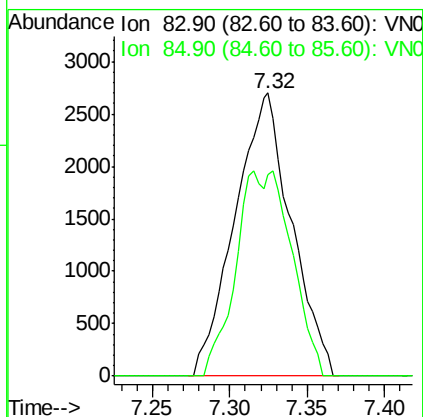
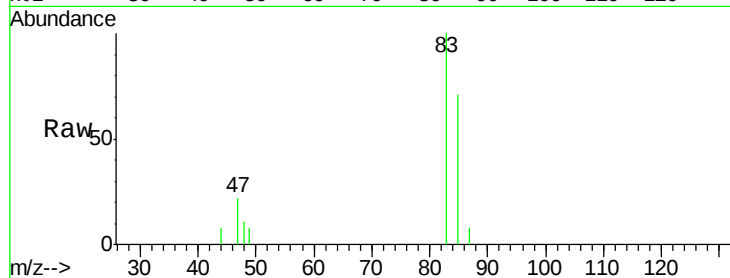




#30
Chloroform
Concen: 2.216 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

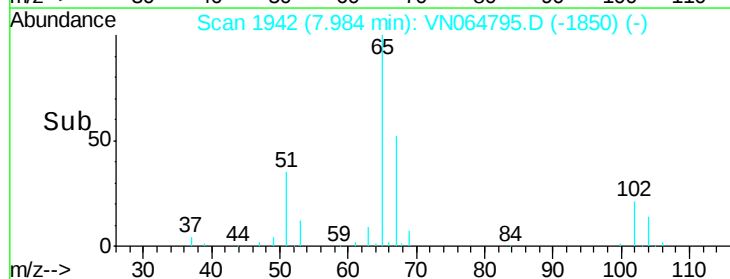
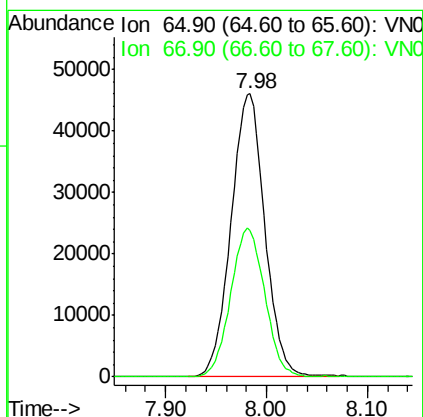
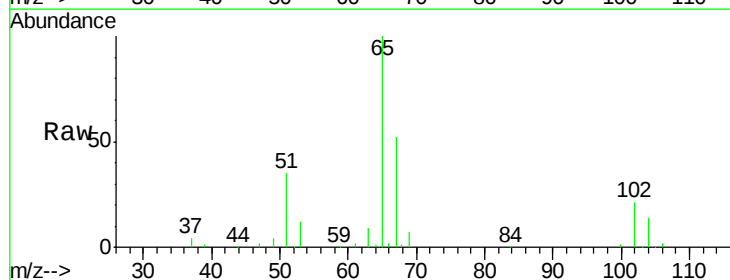
Instrument :
MSVOA_N
ClientSampleId :
MW-17

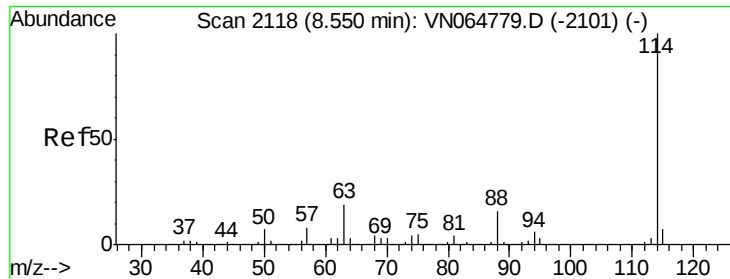
Tot Ion: 83 Resp: 6851
Ion Ratio Lower Upper
83 100
85 71.1 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 58.890 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Tgt Ion: 65 Resp: 107291
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2

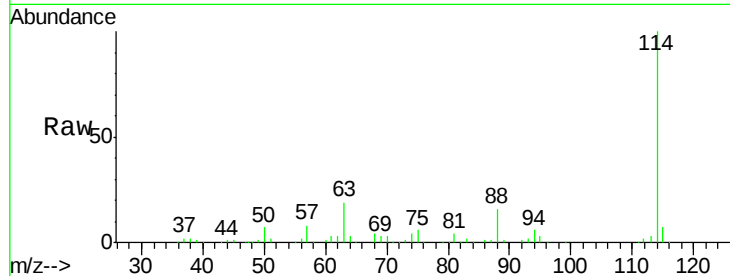




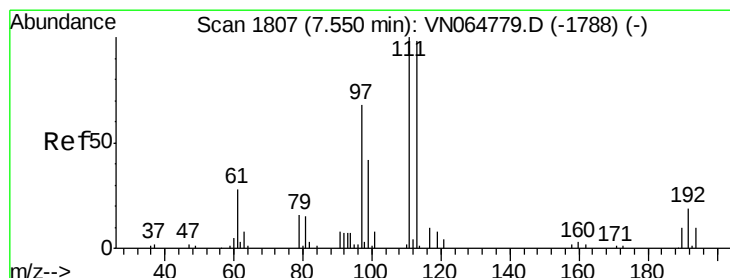
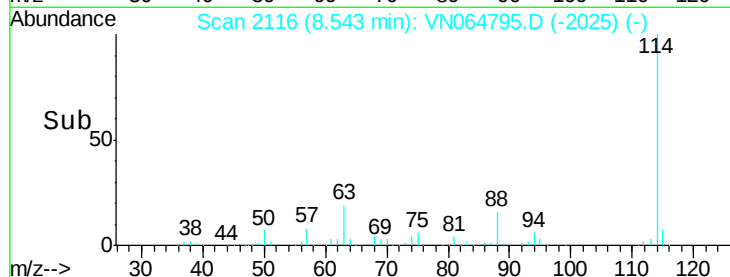
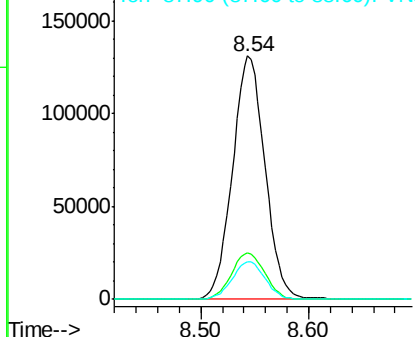
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.54 min Scan# 2116
Delta R.T. -0.01 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
MW-17

Tot Ion:114 Resp: 275241
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.7 0.0 32.6

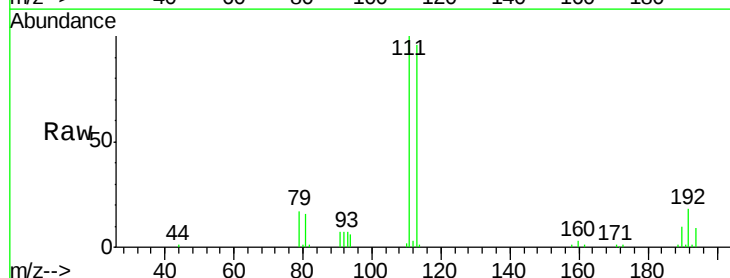


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

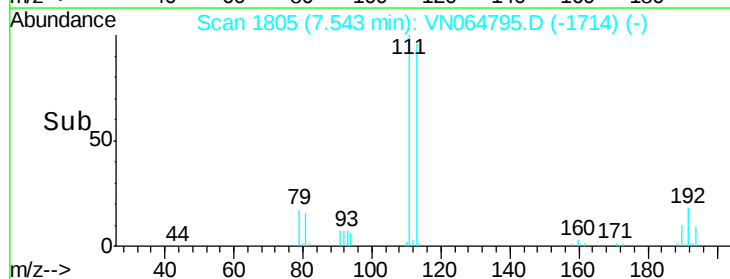
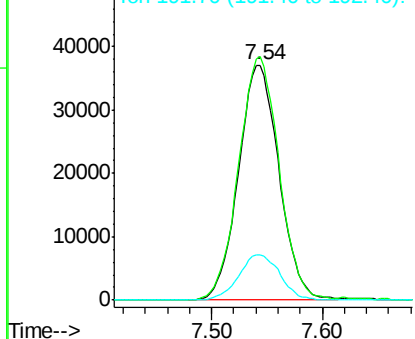


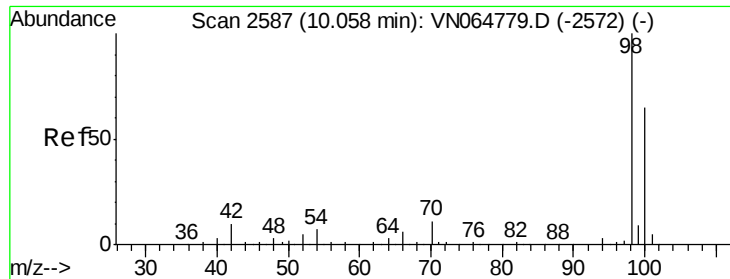
#35
Dibromofluoromethane
Concen: 57.314 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.01 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Tgt Ion:113 Resp: 94393
Ion Ratio Lower Upper
113 100
111 103.1 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: 50.222 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

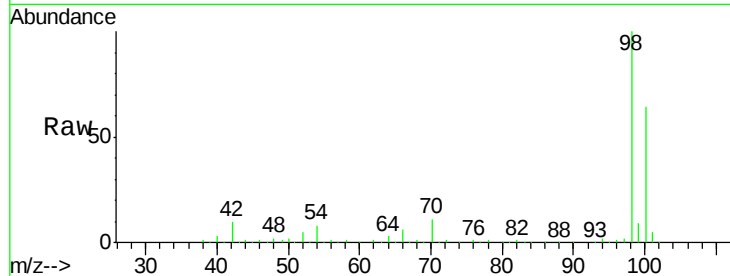
MW-17

Tot Ion: 98 Resp: 337962

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.05

200000

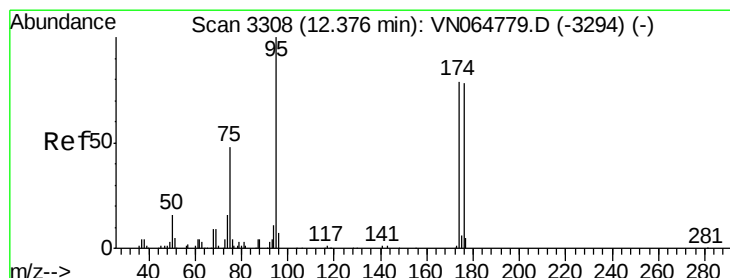
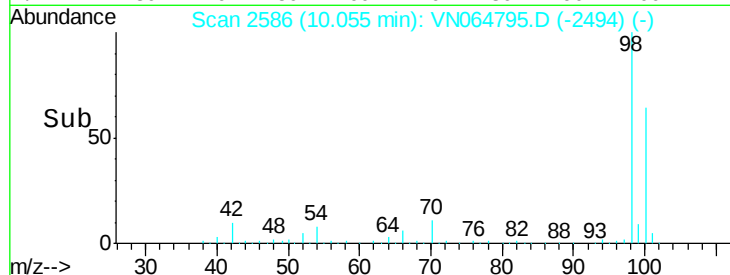
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.119 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

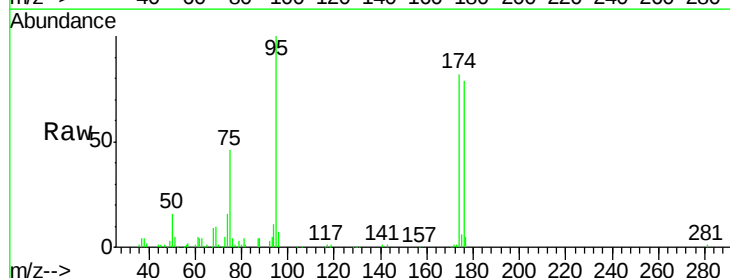
Tgt Ion: 95 Resp: 101436

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.4

176 79.7 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.37

80000

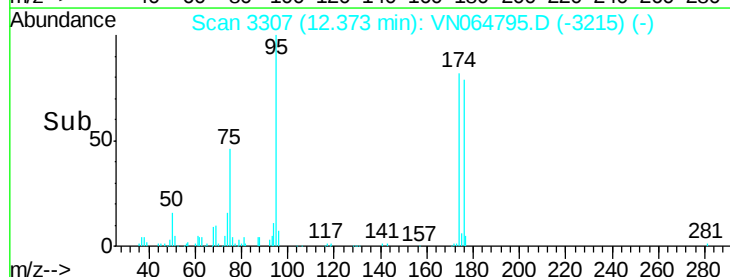
60000

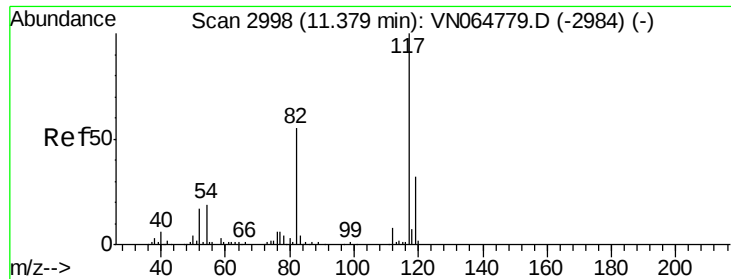
40000

20000

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Time-->

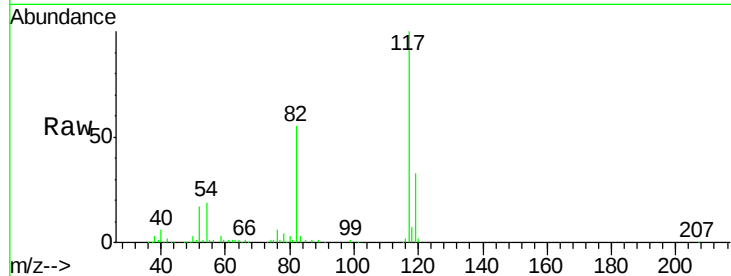




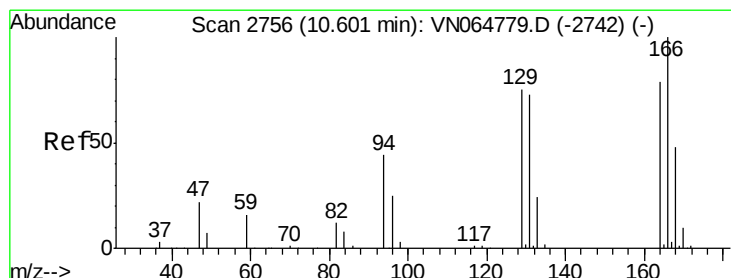
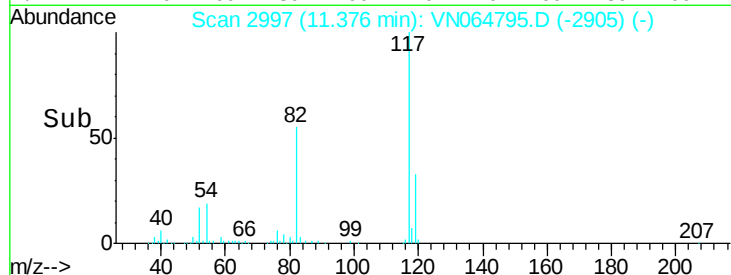
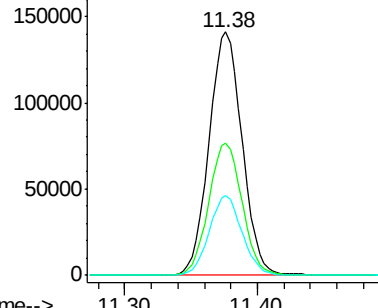
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Instrument :
MSVOA_N
ClientSampleId :
MW-17

Tot Ion:117 Resp: 244733
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.9 25.8 38.6

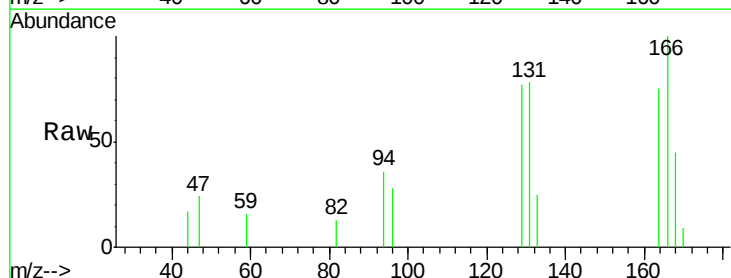


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

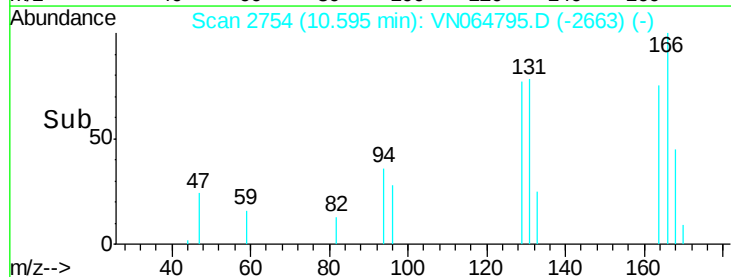
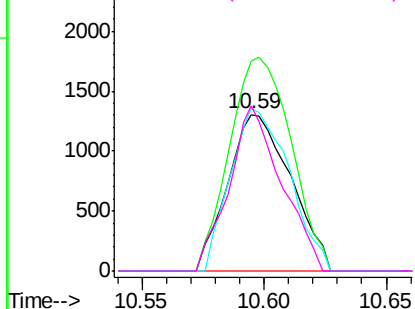


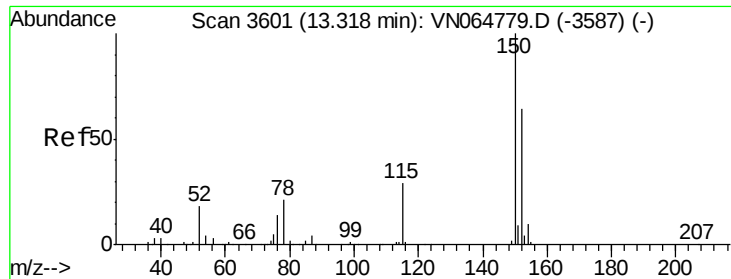
#64
Tetrachloroethene
Concen: 0.982 ug/l
RT: 10.59 min Scan# 2754
Delta R.T. -0.01 min
Lab File: VN064795.D
Acq: 24 Nov 2020 1:09

Tgt Ion:164 Resp: 2339
Ion Ratio Lower Upper
164 100
166 134.2 101.4 152.0
129 103.6 76.1 114.1
131 105.2 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: 13.31 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064795.D

Acq: 24 Nov 2020 1:09

Instrument :

MSVOA_N

ClientSampleId :

MW-17

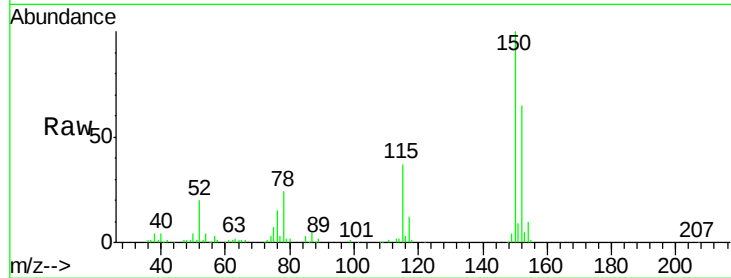
Tot Ion:152 Resp: 86271

Ion Ratio Lower Upper

152 100

115 58.3 29.7 89.1

150 155.0 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

