

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064796.D
 Acq On : 24 Nov 2020 1:33
 Operator : JC/MD
 Sample : L4829-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Nov 24 04:50:50 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	153531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	278452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	289395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	103200	57.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	115.64%	
35) Dibromofluoromethane	7.55	113	92603	55.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	111.16%	
50) Toluene-d8	10.06	98	343476	50.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.37	95	134947	55.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	110.78%	

Target Compounds

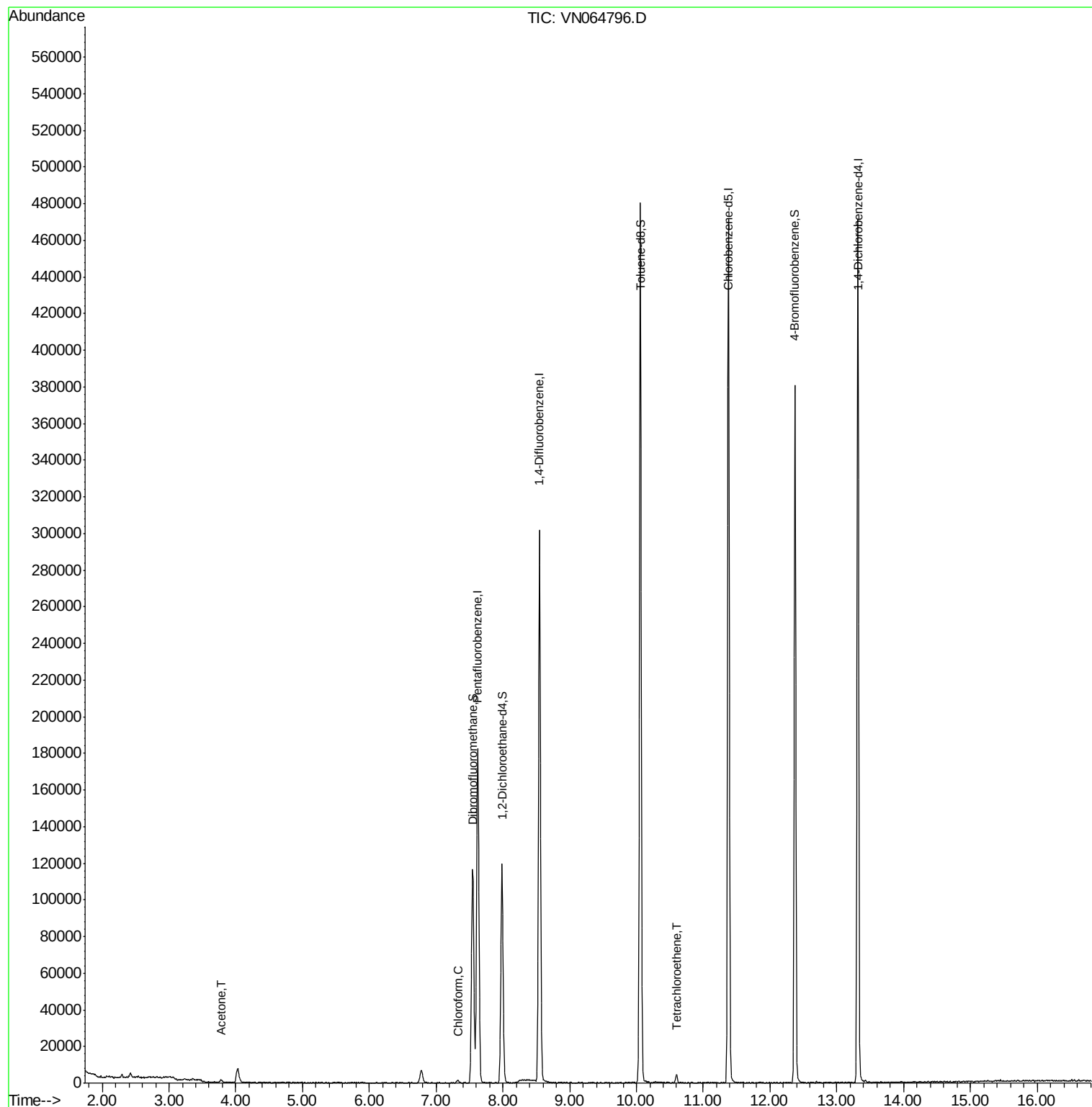
					Qvalue	
16) Acetone	3.78	43	2329	3.969	ug/l	99
30) Chloroform	7.32	83	1878	0.620	ug/l #	71
64) Tetrachloroethene	10.60	164	1398	0.497	ug/l #	79

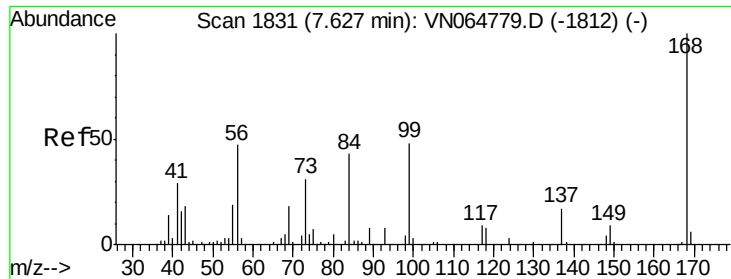
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064796.D

Acq: 24 Nov 2020 1:33

Instrument :

MSVOA_N

ClientSampled :

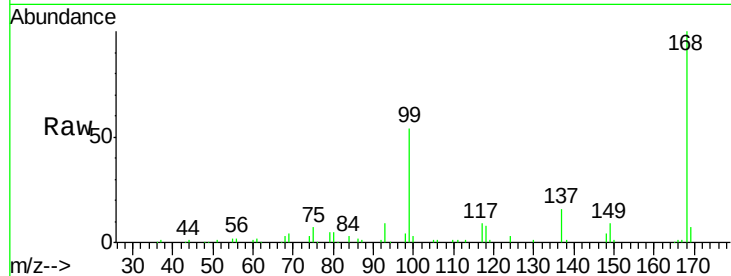
MW-4

Tot Ion:168 Resp: 153531

Ion Ratio Lower Upper

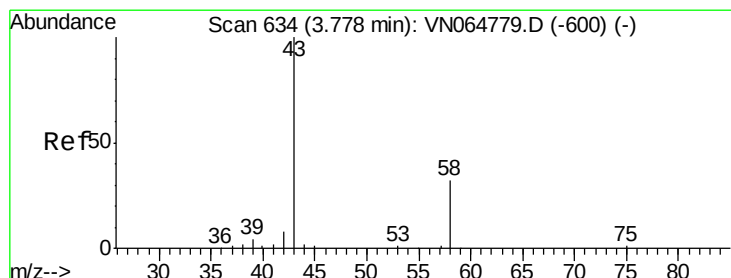
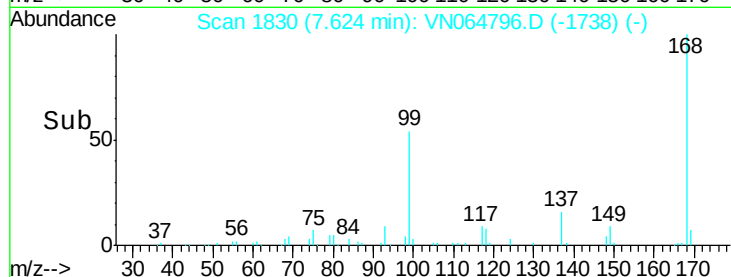
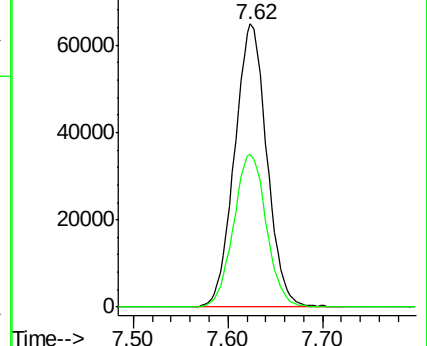
168 100

99 54.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 3.969 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064796.D

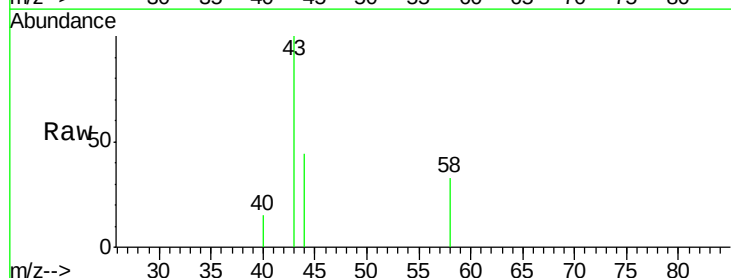
Acq: 24 Nov 2020 1:33

Tgt Ion: 43 Resp: 2329

Ion Ratio Lower Upper

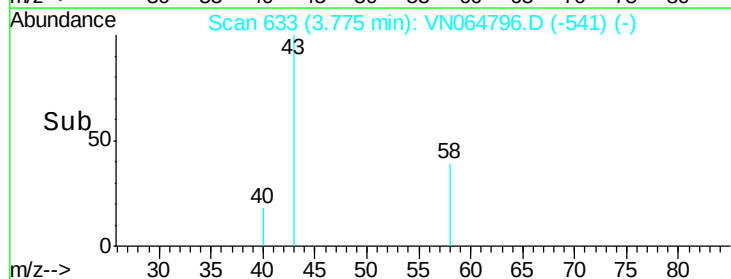
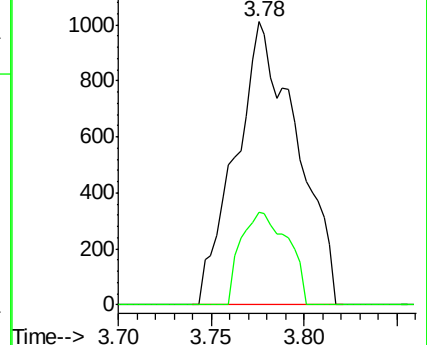
43 100

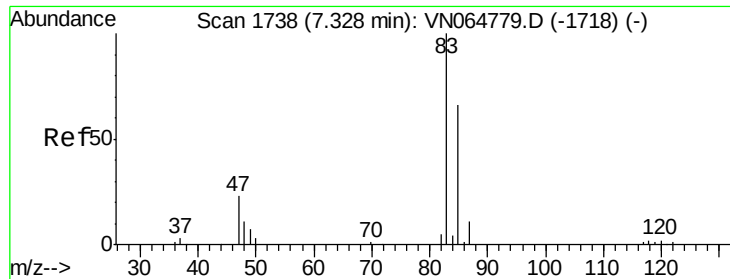
58 32.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

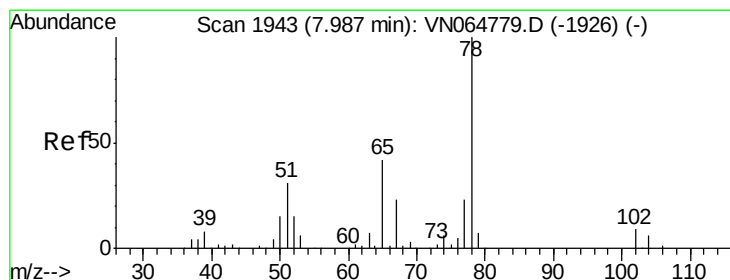
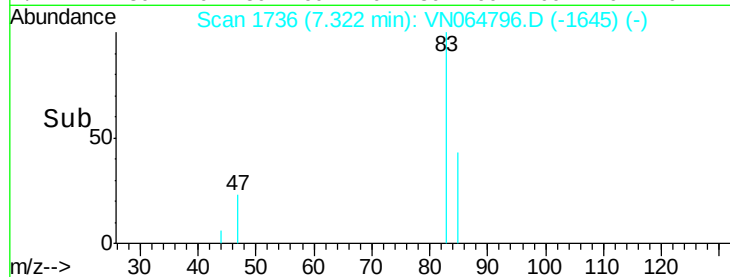
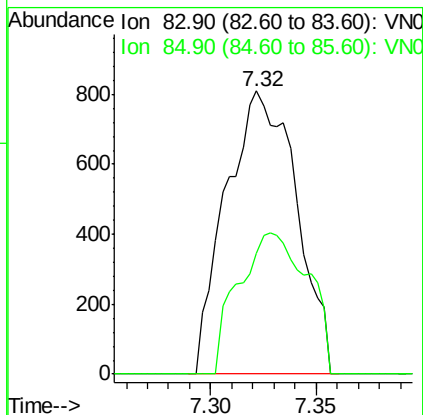
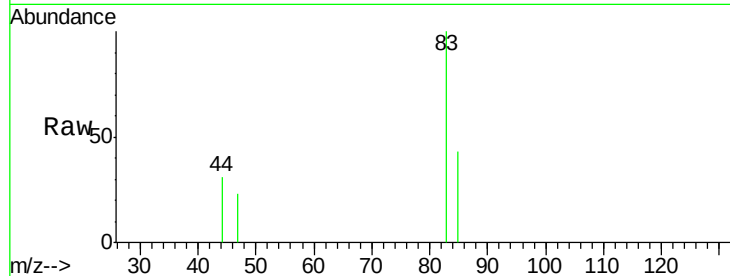




#30
Chloroform
Concen: 0.620 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN064796.D
Acq: 24 Nov 2020 1:33

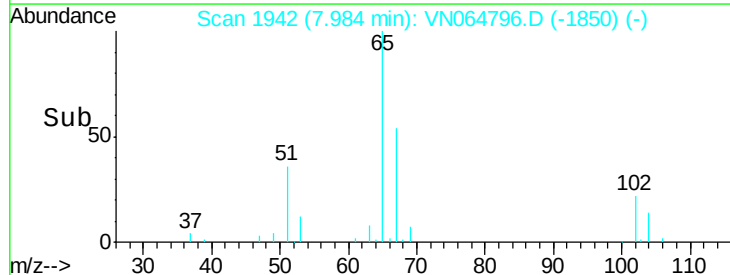
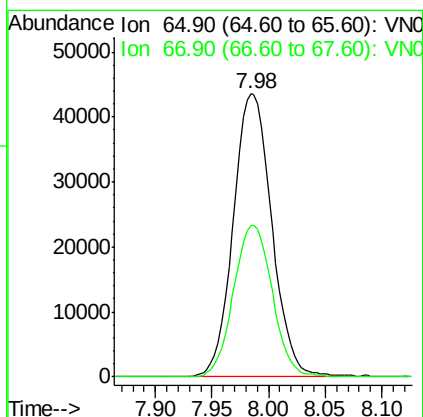
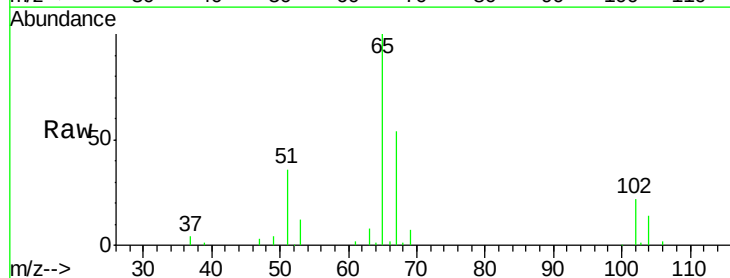
Instrument :
MSVOA_N
ClientSampled :
MW-4

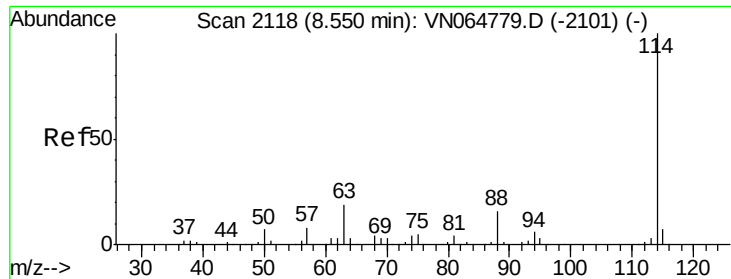
Tot Ion: 83 Resp: 1878
Ion Ratio Lower Upper
83 100
85 42.9 52.6 78.8#



#33
1,2-Dichloroethane-d4
Concen: 57.818 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064796.D
Acq: 24 Nov 2020 1:33

Tgt Ion: 65 Resp: 103200
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2

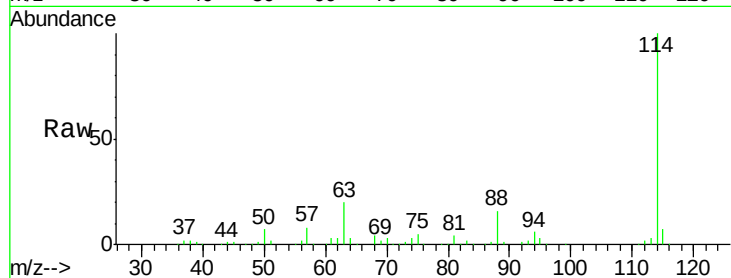




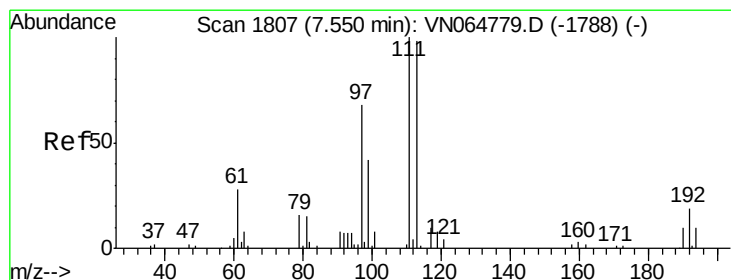
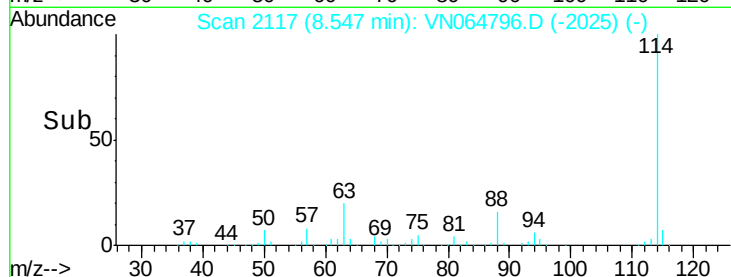
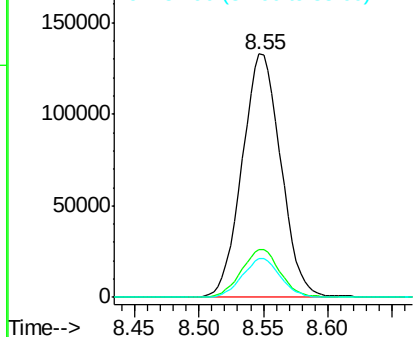
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN064796.D
Acq: 24 Nov 2020 1:33

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tot Ion:114 Resp: 278452
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.7 0.0 32.6

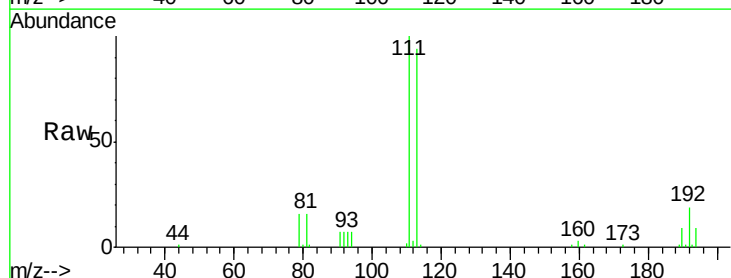


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

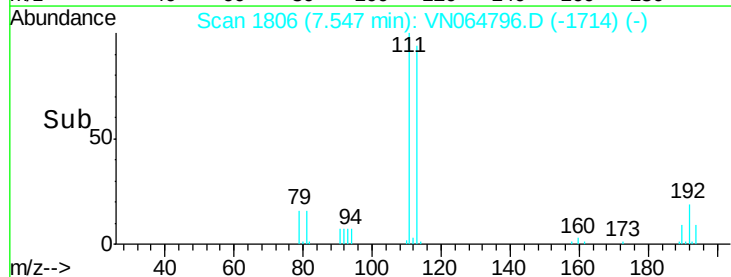
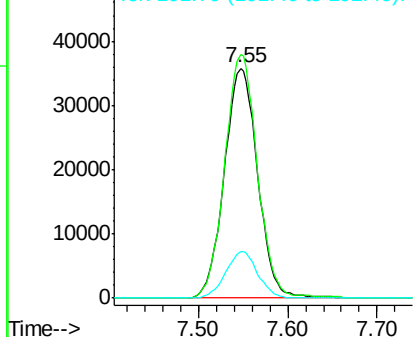


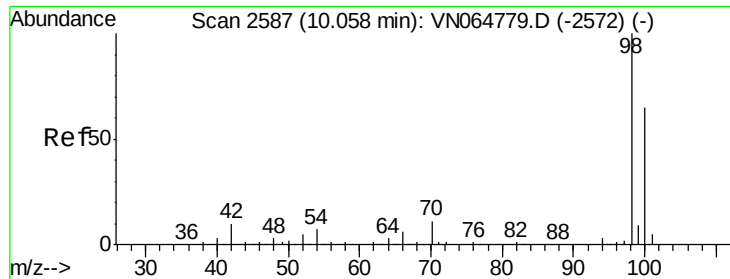
#35
Dibromofluoromethane
Concen: 55.578 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064796.D
Acq: 24 Nov 2020 1:33

Tgt Ion:113 Resp: 92603
Ion Ratio Lower Upper
113 100
111 104.2 81.6 122.4
192 19.3 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: 50.453 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064796.D

Acq: 24 Nov 2020 1:33

Instrument :

MSVOA_N

ClientSampled :

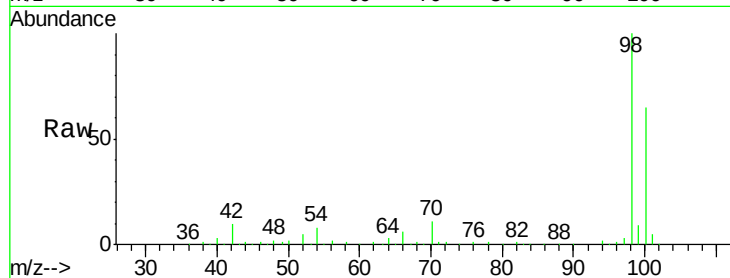
MW-4

Tot Ion: 98 Resp: 343476

Ion Ratio Lower Upper

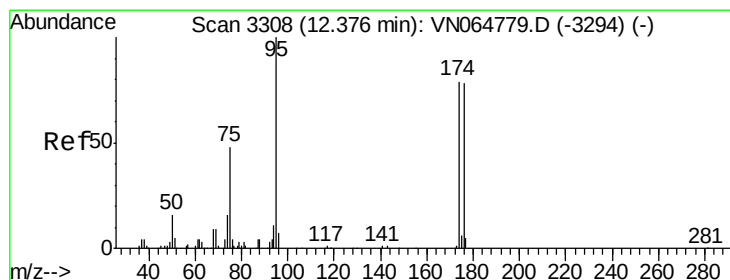
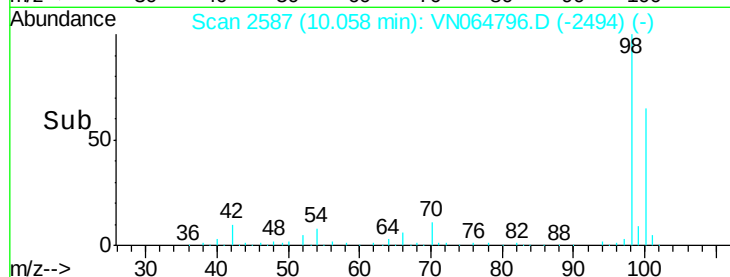
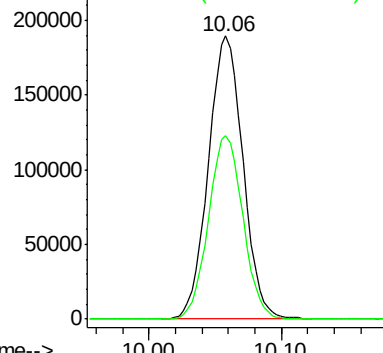
98 100

100 64.7 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: 55.388 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064796.D

Acq: 24 Nov 2020 1:33

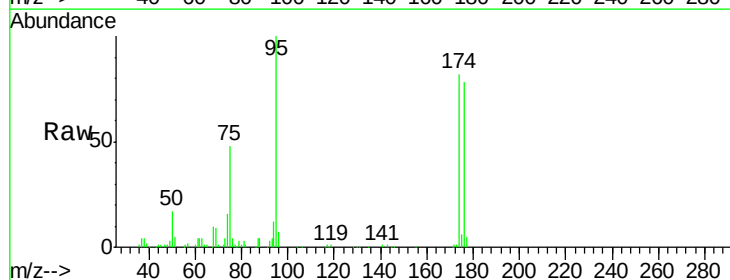
Tgt Ion: 95 Resp: 134947

Ion Ratio Lower Upper

95 100

174 82.8 0.0 160.4

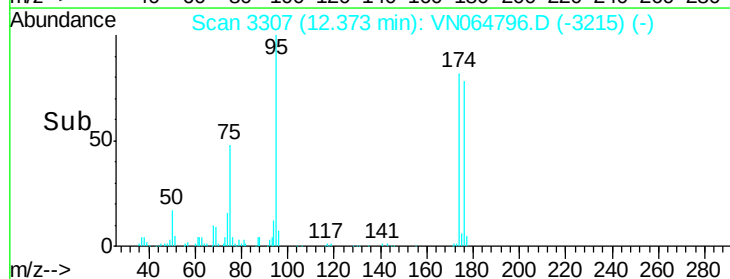
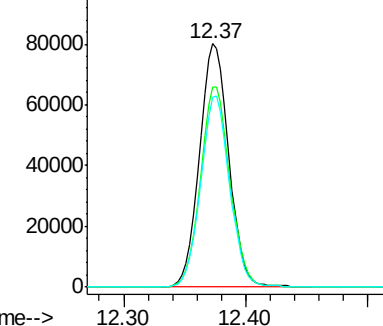
176 77.7 0.0 158.4

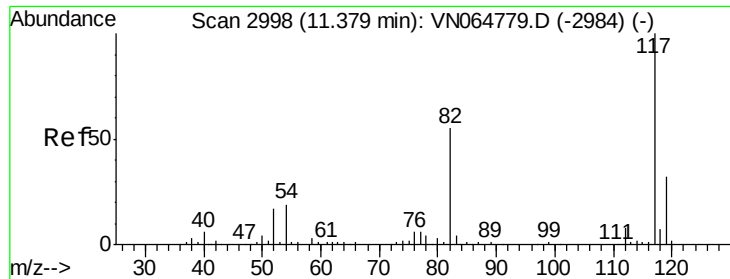


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN064796.D

Acq: 24 Nov 2020 1:33

Instrument :

MSVOA_N

ClientSampled :

MW-4

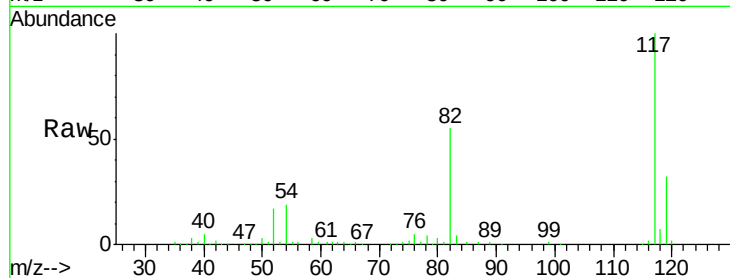
Tot Ion:117 Resp: 289395

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

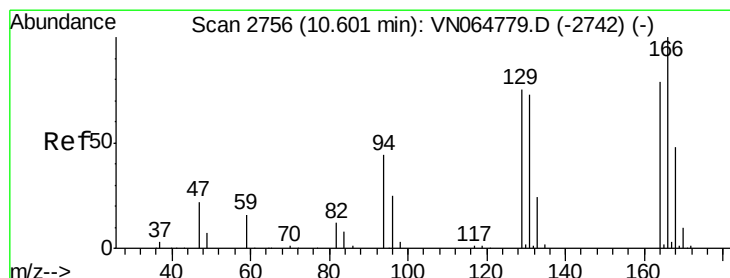
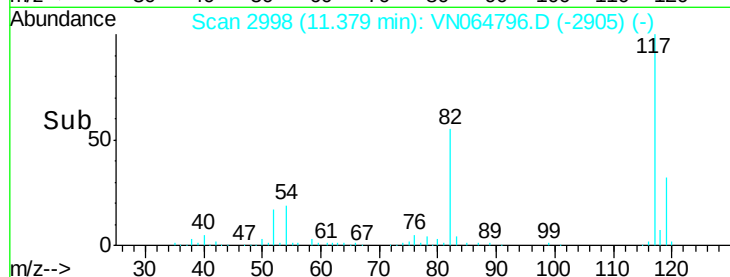
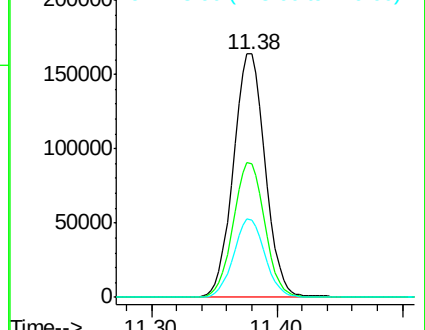
119 31.7 25.8 38.6



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: 0.497 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064796.D

Acq: 24 Nov 2020 1:33

Tgt Ion:164 Resp: 1398

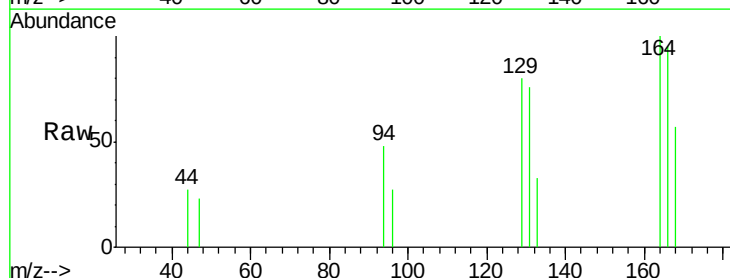
Ion Ratio Lower Upper

164 100

166 94.5 101.4 152.0#

129 80.0 76.1 114.1

131 76.1 74.2 111.2

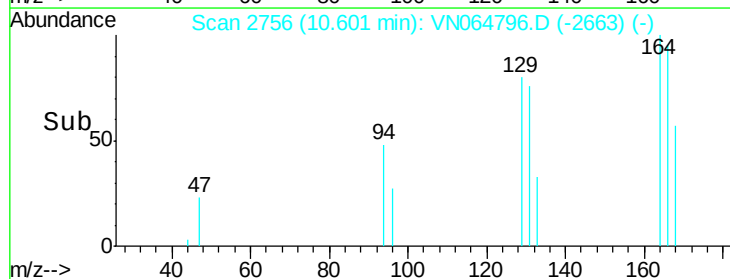
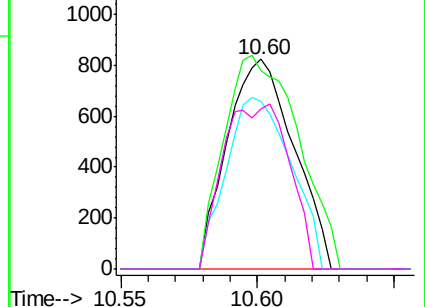


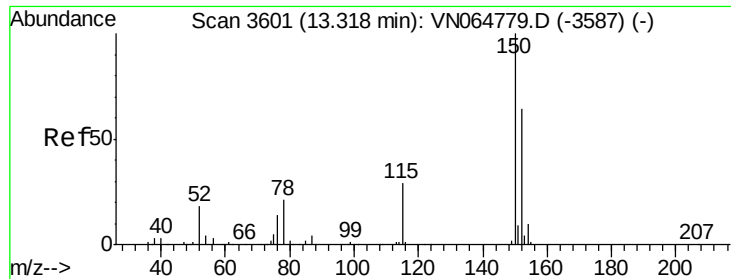
Abundance Ion 163.80 (163.50 to 164.50): V

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# 3600

Delta R.T. -0.00 min

Lab File: VN064796.D

Acq: 24 Nov 2020 1:33

Instrument :

MSVOA_N

ClientSampleId :

MW-4

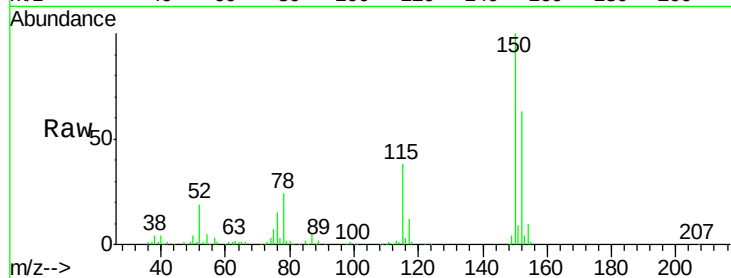
Tot Ion:152 Resp: 132827

Ion Ratio Lower Upper

152 100

115 59.3 29.7 89.1

150 158.1 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

