

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064091.D
 Acq On : 12 Oct 2020 20:38
 Operator : JC/MD
 Sample : L4333-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OH-WC-C-C1

Quant Time: Oct 13 10:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

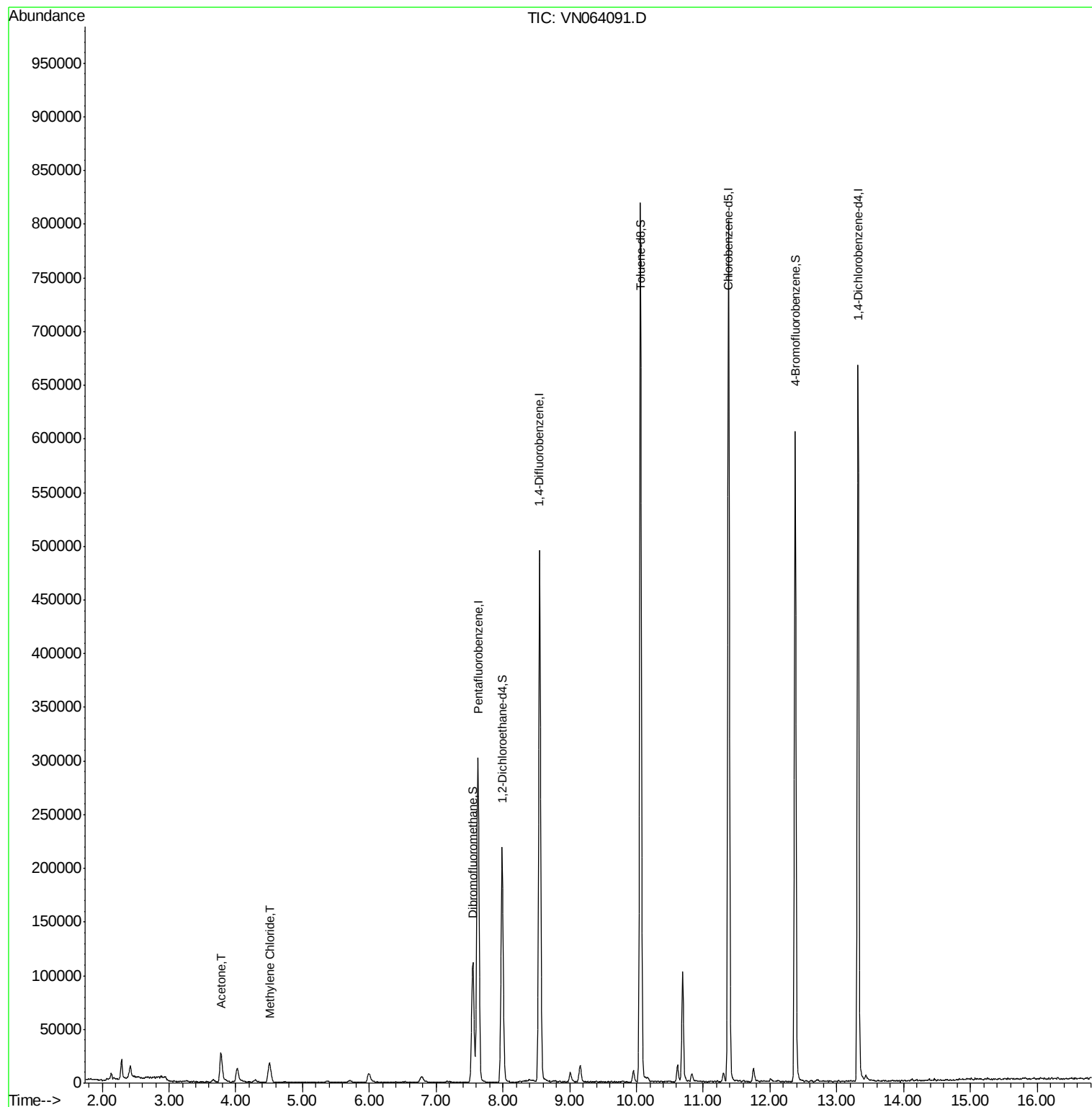
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	192482	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	7.55	113	86661	30.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.24%	
50) Toluene-d8	10.06	98	537304	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	207213	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
Target Compounds						
16) Acetone	3.78	43	49342	42.876	ug/l	98
20) Methylene Chloride	4.50	84	12060	4.664	ug/l	92

(#) = 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: VN064091.D

Acq: 12 Oct 2020 20:38

Instrument :

MSVOA_N

ClientSampled :

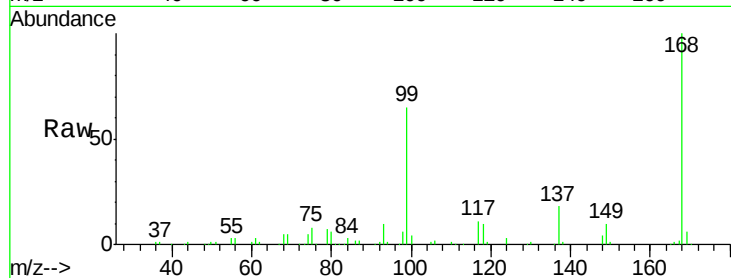
OH-WC-C-C1

Tot Ion:168 Resp: 226286

Ion Ratio Lower Upper

168 100

99 64.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

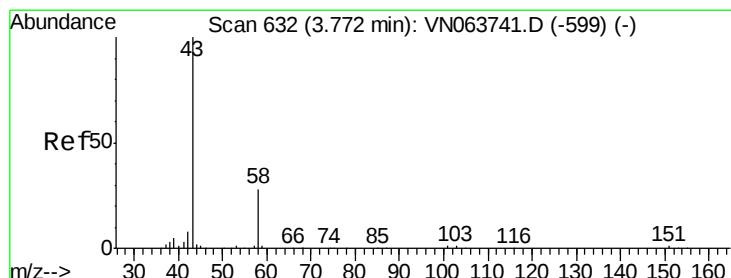
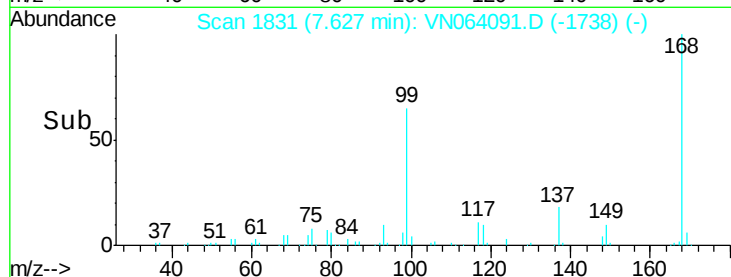
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 42.876 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064091.D

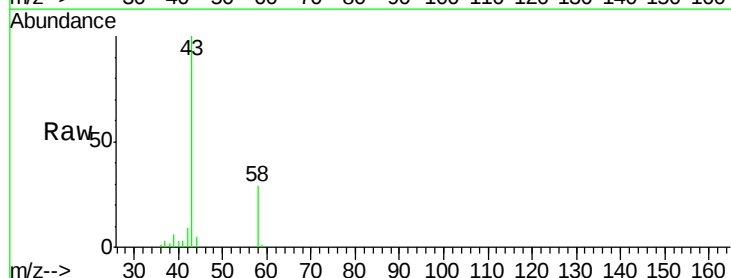
Acq: 12 Oct 2020 20:38

Tgt Ion: 43 Resp: 49342

Ion Ratio Lower Upper

43 100

58 29.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

20000

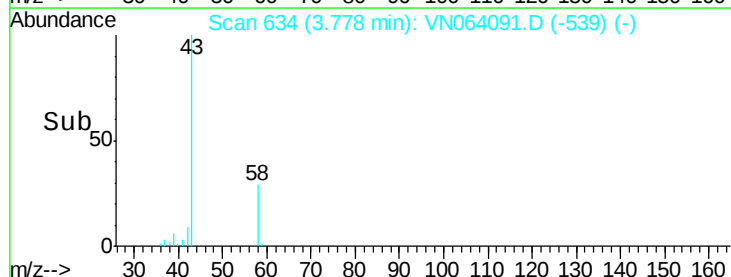
15000

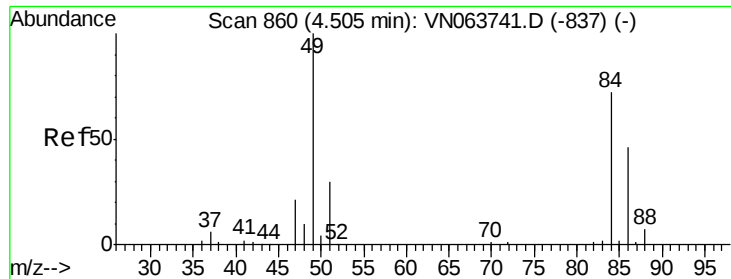
10000

5000

0

Time-->

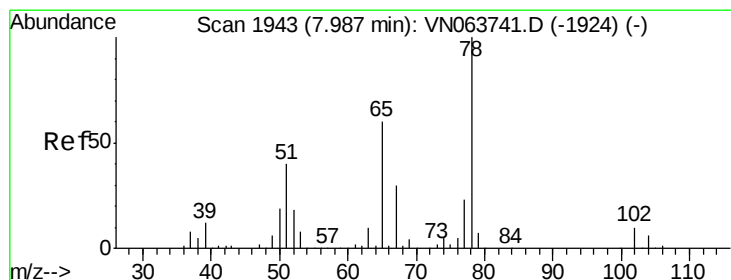
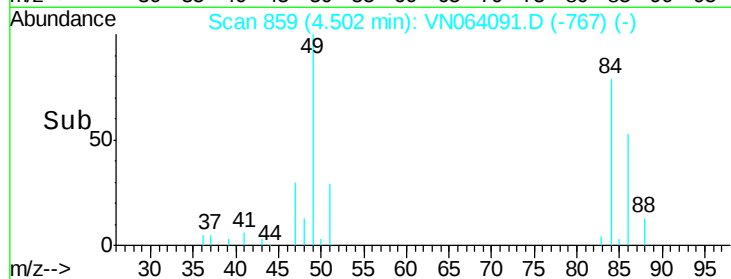
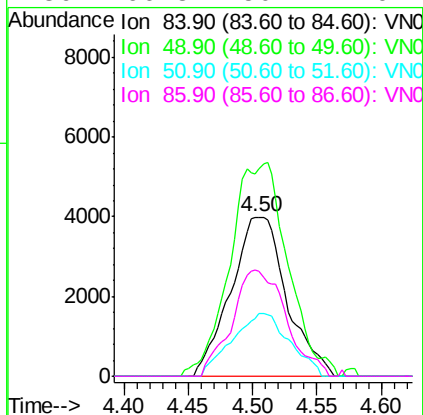
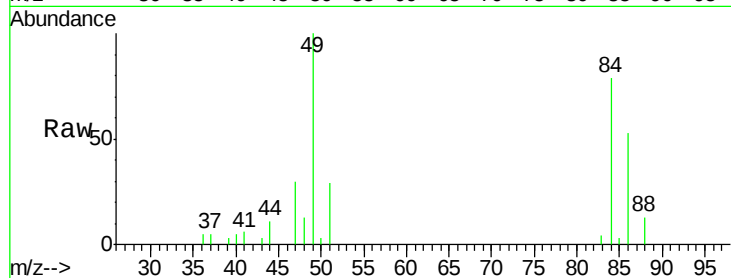




#20
Methvlene Chloride
Concen: 4.664 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064091.D
Acq: 12 Oct 2020 20:38

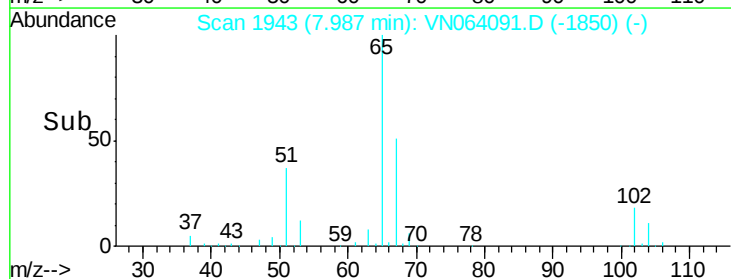
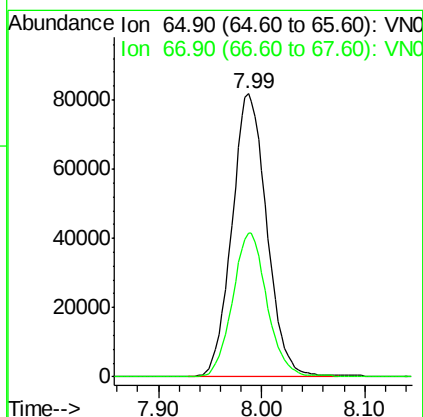
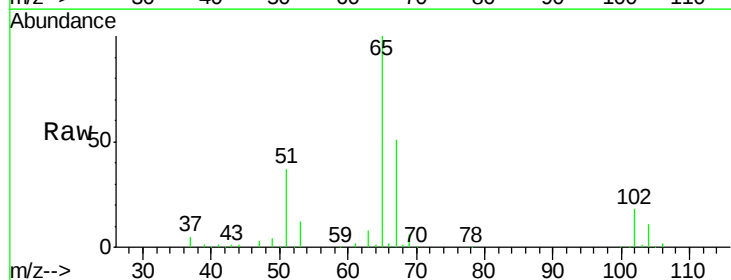
Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-C1

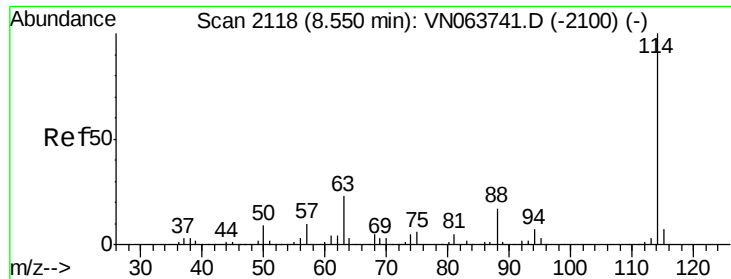
Tot Ion: 84 Resp: 12060
Ion Ratio Lower Upper
84 100
49 127.1 110.4 165.6
51 36.4 33.3 49.9
86 66.8 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 51.488 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064091.D
Acq: 12 Oct 2020 20:38

Tgt Ion: 65 Resp: 192482
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.6

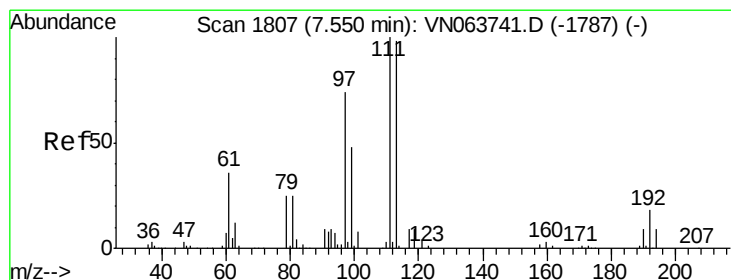
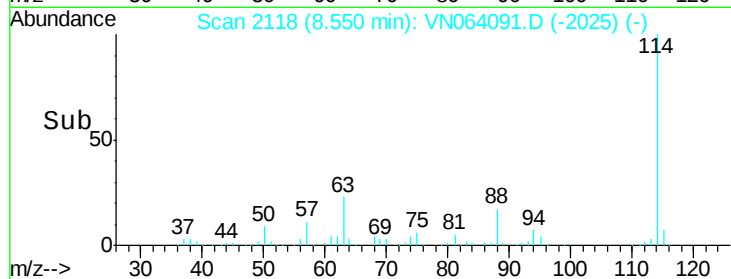
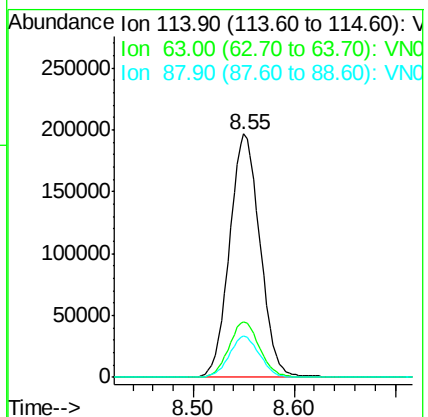
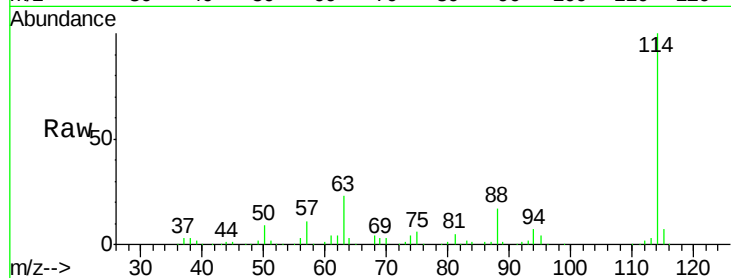




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064091.D
 Acq: 12 Oct 2020 20:38

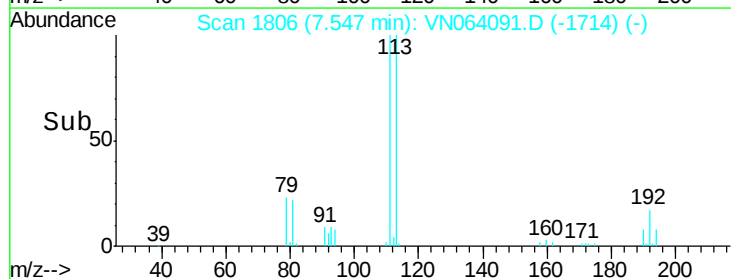
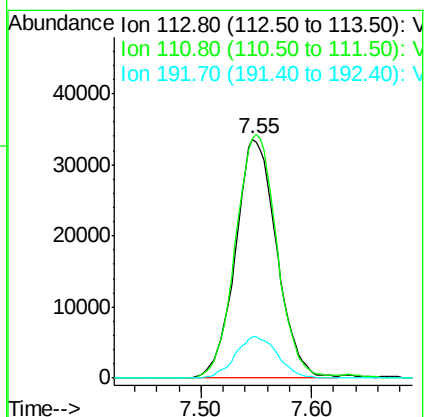
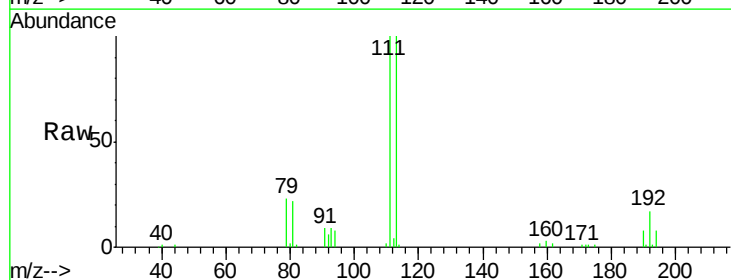
Instrument :
 MSVOA_N
 ClientSampleId :
 OH-WC-C-C1

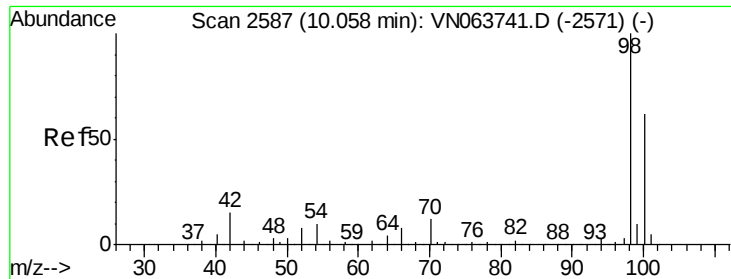
Tot Ion:114 Resp: 414617
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 17.2 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 30.123 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064091.D
 Acq: 12 Oct 2020 20:38

Tgt Ion:113 Resp: 86661
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 17.7 14.2 21.2





#50

Toluene-d8

Concen: 49.266 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064091.D

Acq: 12 Oct 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

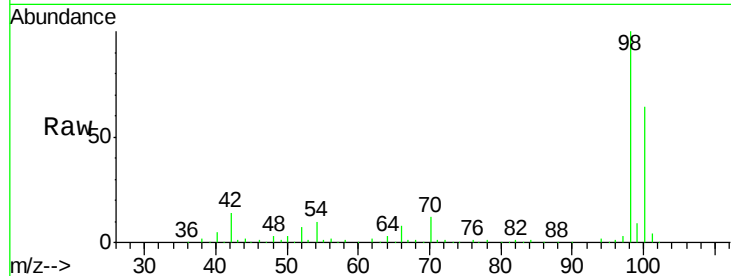
OH-WC-C-C1

Tot Ion: 98 Resp: 537304

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

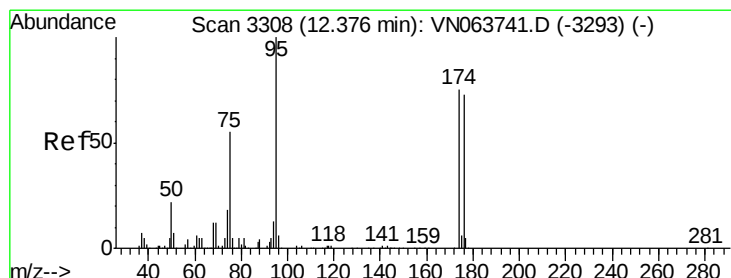
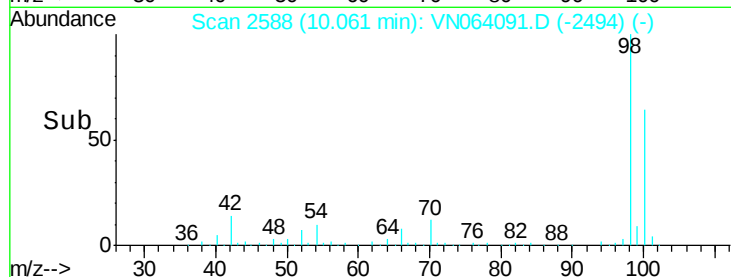
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.543 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064091.D

Acq: 12 Oct 2020 20:38

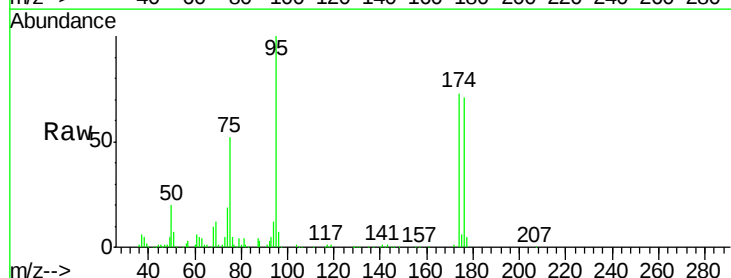
Tgt Ion: 95 Resp: 207213

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.6

176 71.7 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

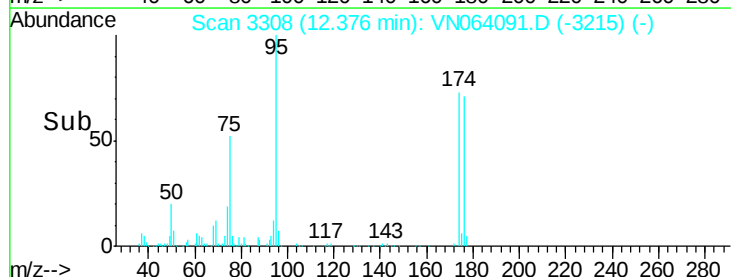
150000

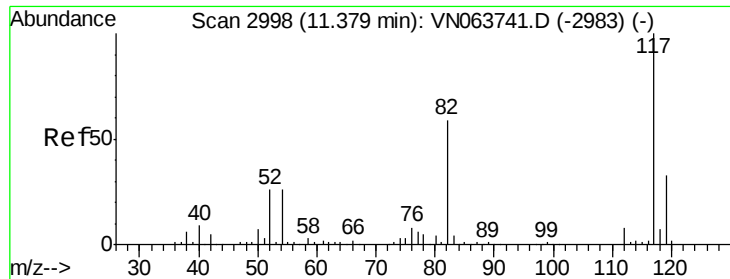
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064091.D

Acq: 12 Oct 2020 20:38

Instrument :

MSVOA_N

ClientSampleId :

OH-WC-C-C1

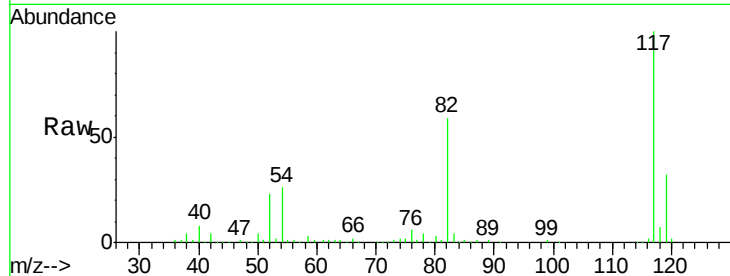
Tot Ion:117 Resp: 434245

Ion Ratio Lower Upper

117 100

82 59.5 47.4 71.2

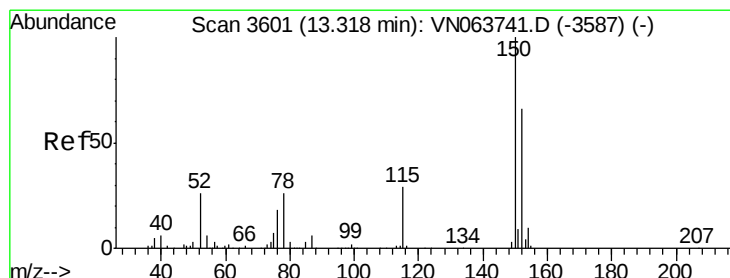
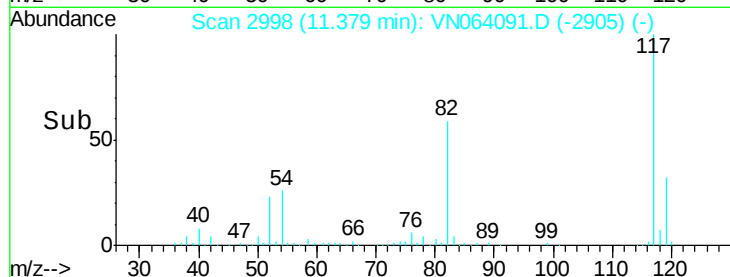
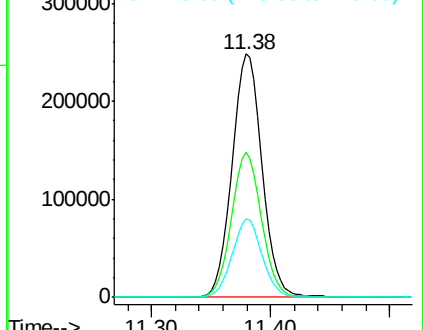
119 32.4 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN064091.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): 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: VN064091.D

Acq: 12 Oct 2020 20:38

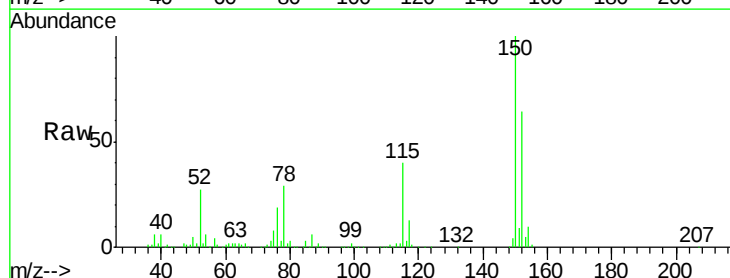
Tgt Ion:152 Resp: 171406

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

150 155.5 0.0 341.8



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

