

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062431.D
 Acq On : 9 Jul 2020 1:59
 Operator : JC/MD
 Sample : L3215-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Jul 09 03:29:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

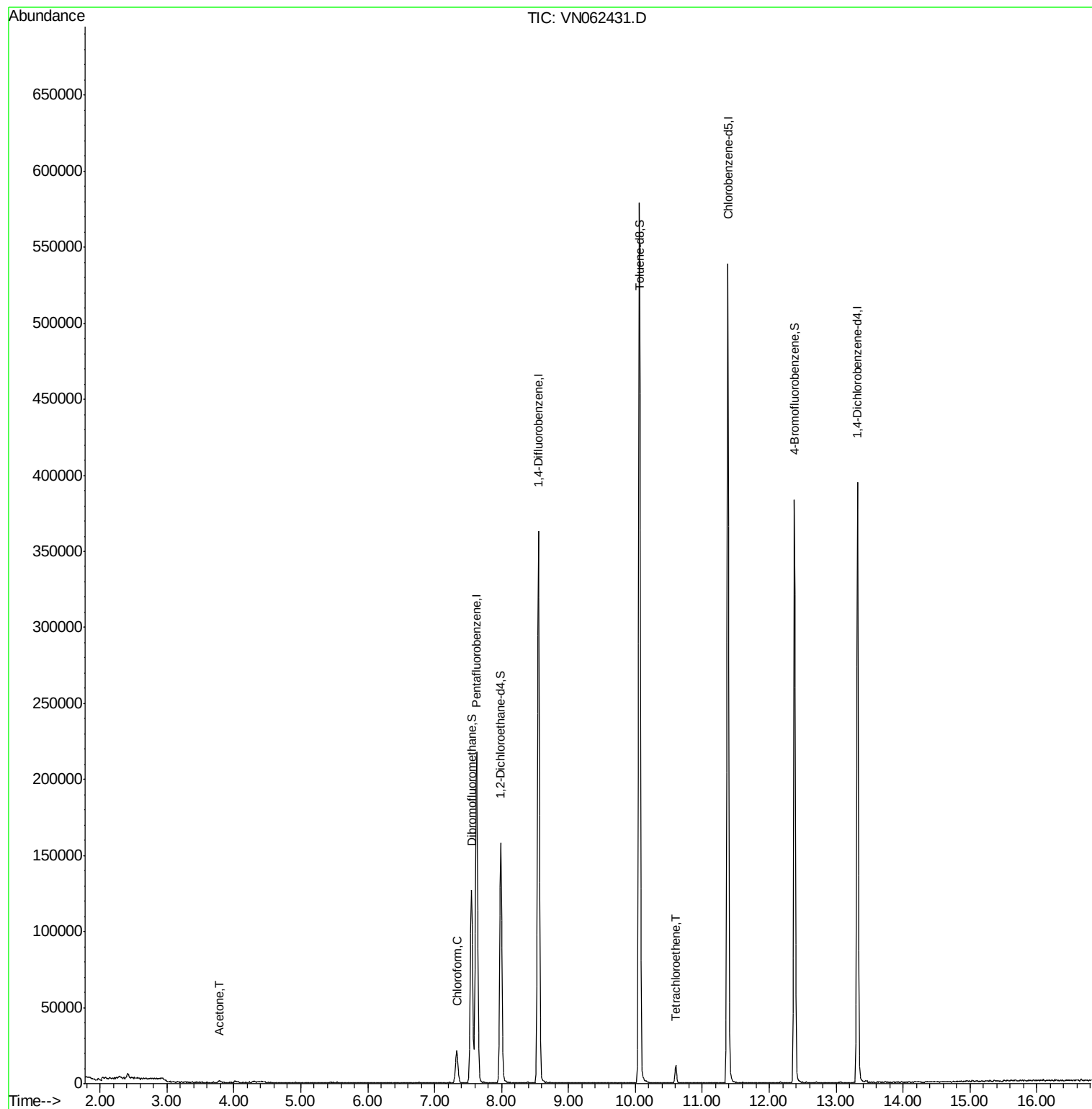
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	169316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	305011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	294094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	134591	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.55	113	98666	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	10.06	98	393599	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.38	95	138439	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
Target Compounds						
16) Acetone	3.78	43	2504	2.265	ug/l	92
30) Chloroform	7.33	83	23126	6.138	ug/l	96
64) Tetrachloroethene	10.61	164	2708	1.552	ug/l #	91

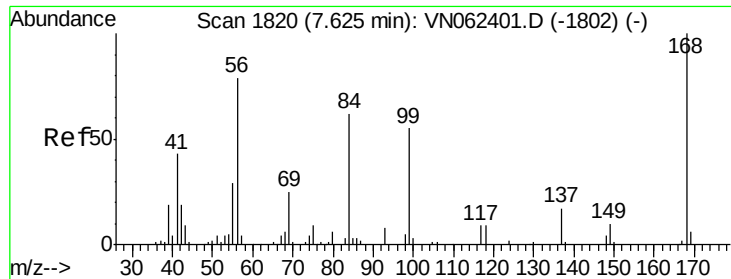
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampled :

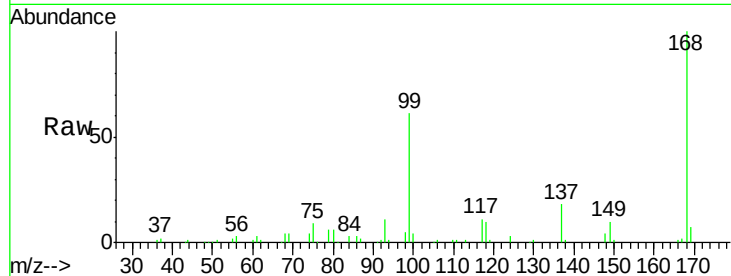
MW-8

Tot Ion:168 Resp: 169316

Ion Ratio Lower Upper

168 100

99 61.2 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

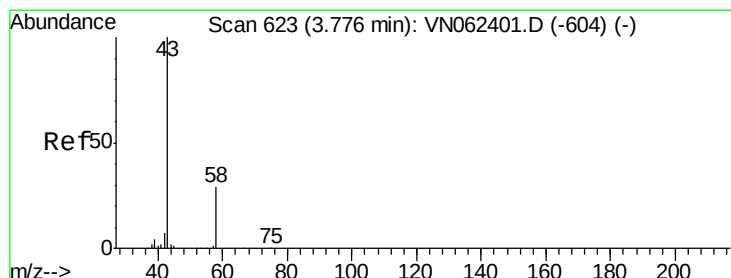
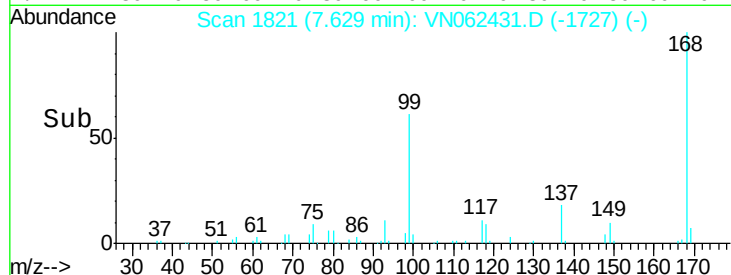
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.265 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062431.D

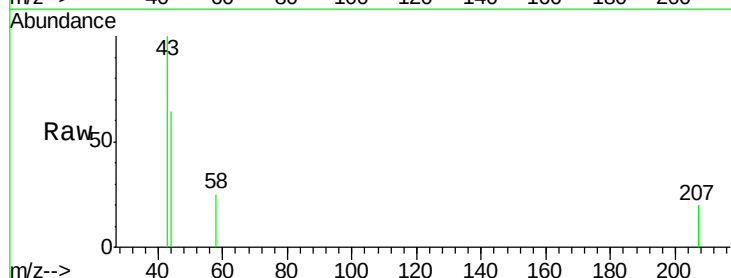
Acq: 9 Jul 2020 1:59

Tgt Ion: 43 Resp: 2504

Ion Ratio Lower Upper

43 100

58 24.8 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

1000

800

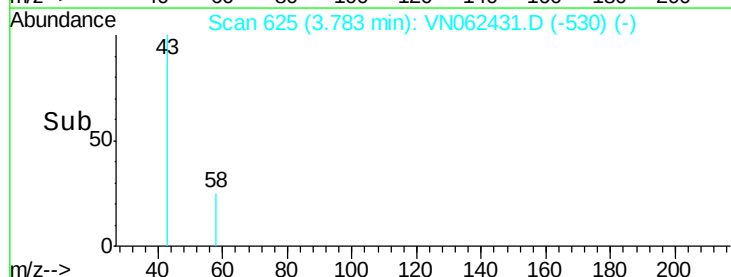
600

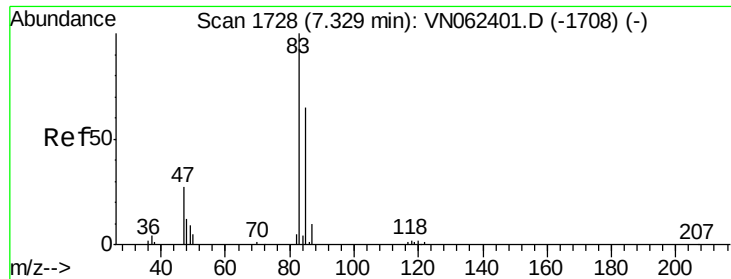
400

200

0

Time-->

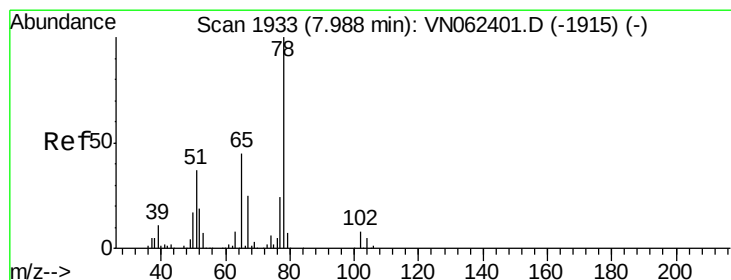
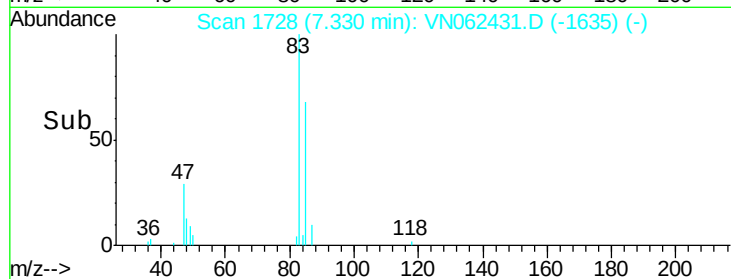
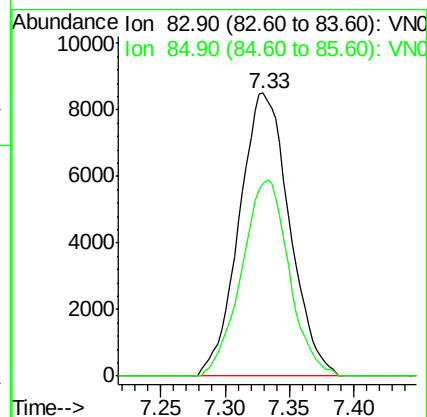
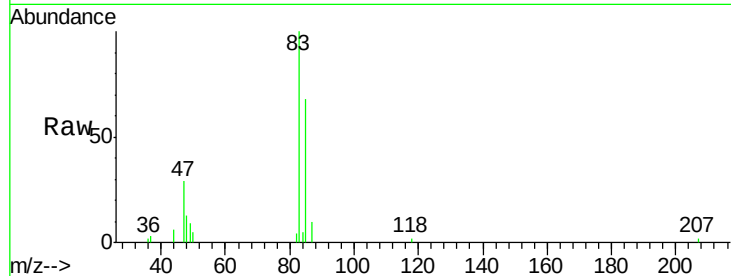




#30
Chloroform
Concen: 6.138 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

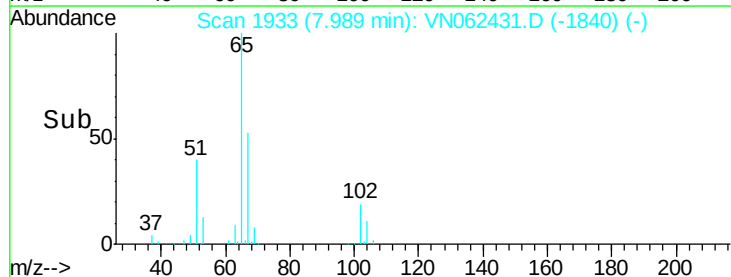
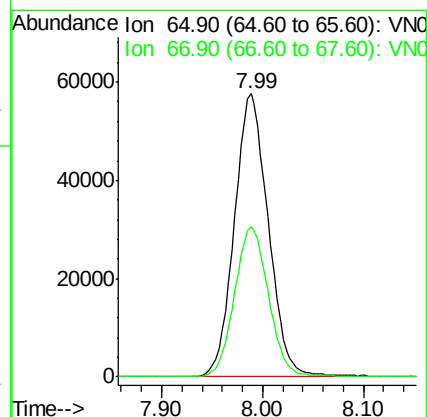
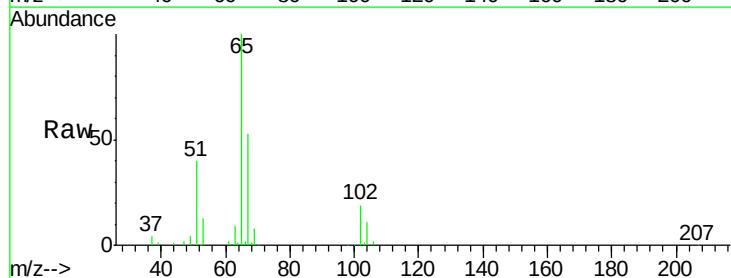
Instrument :
MSVOA_N
ClientSampleId :
MW-8

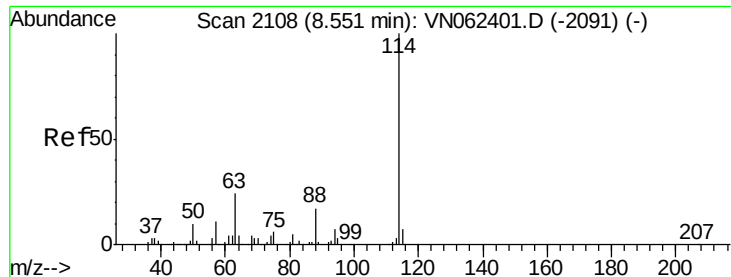
Tot Ion: 83 Resp: 23126
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 51.680 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion: 65 Resp: 134591
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampleId :

MW-8

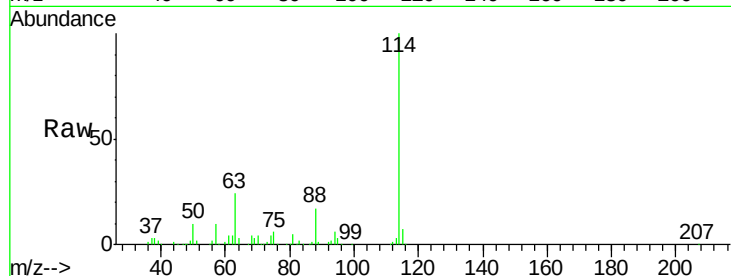
Tot Ion:114 Resp: 305011

Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.4

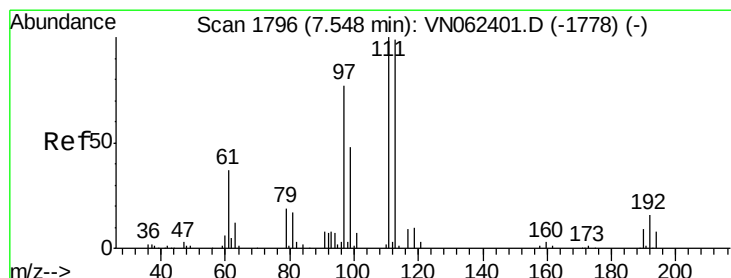
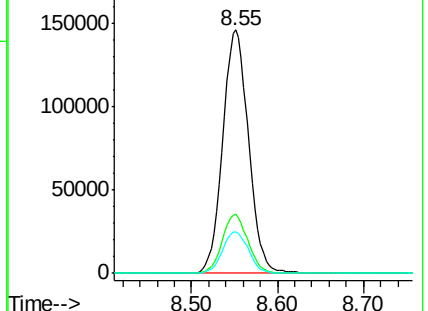
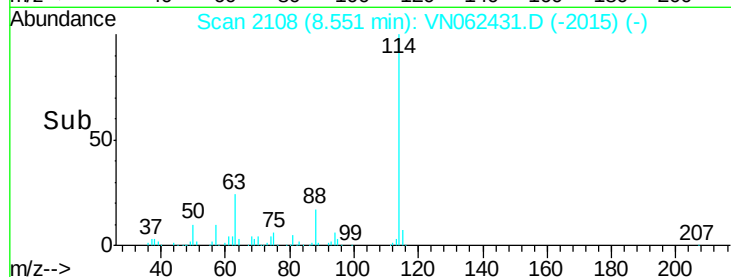
88 17.0 0.0 33.8



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: 52.332 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

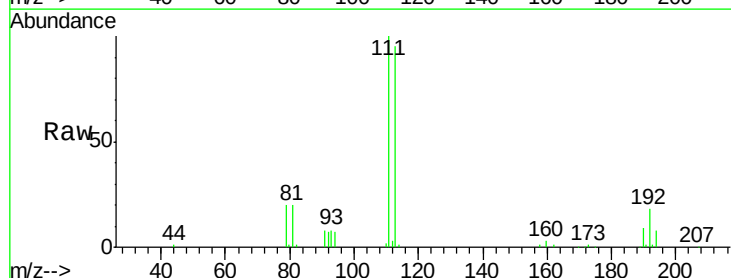
Tgt Ion:113 Resp: 98666

Ion Ratio Lower Upper

113 100

111 103.7 83.1 124.7

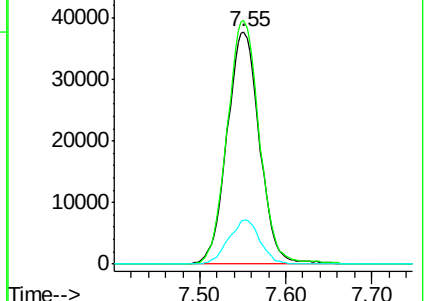
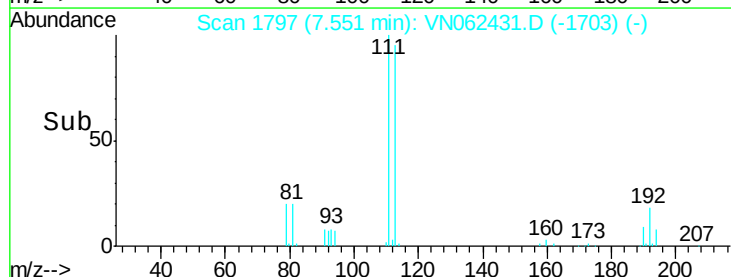
192 18.4 14.1 21.1

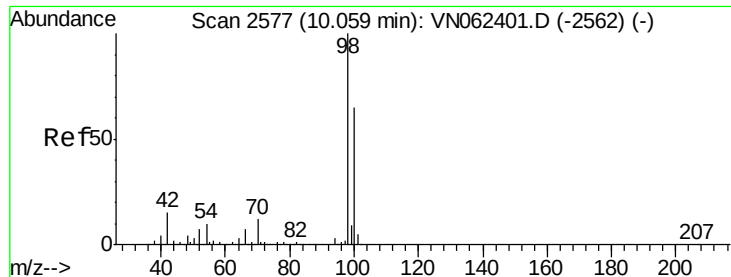


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.882 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampleId :

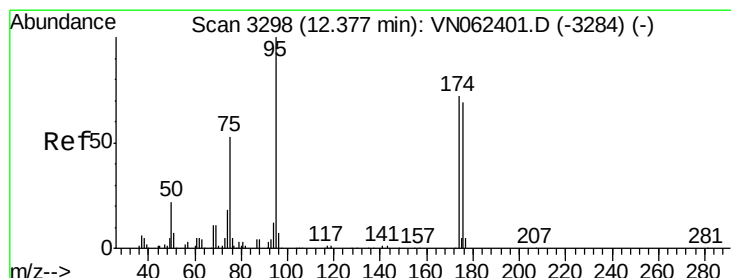
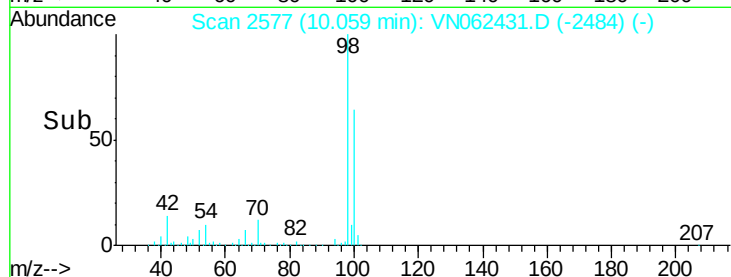
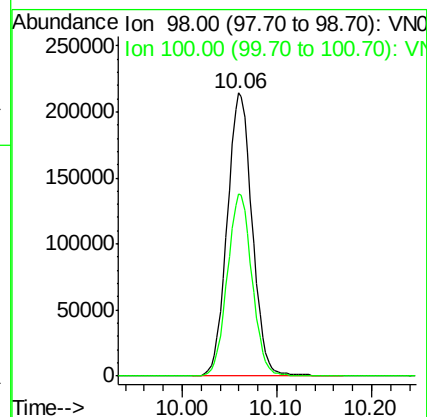
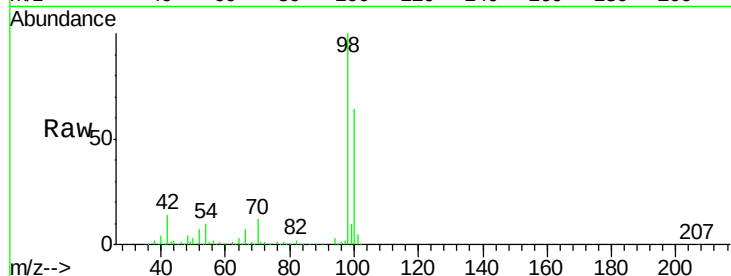
MW-8

Tot Ion: 98 Resp: 393599

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 50.899 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

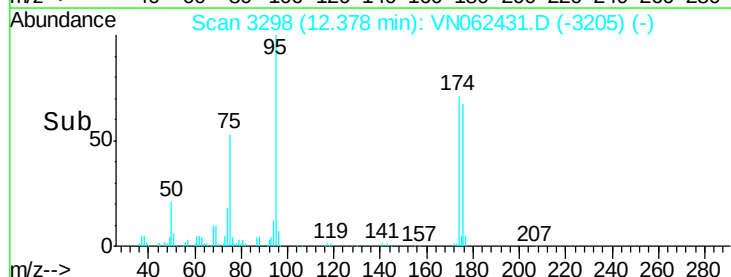
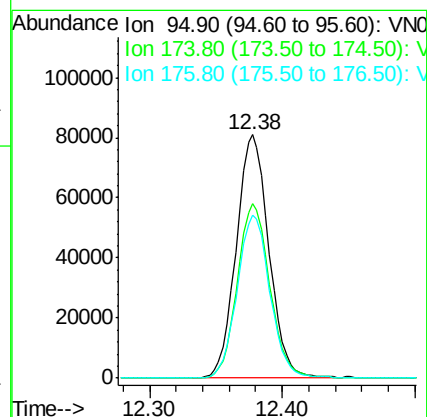
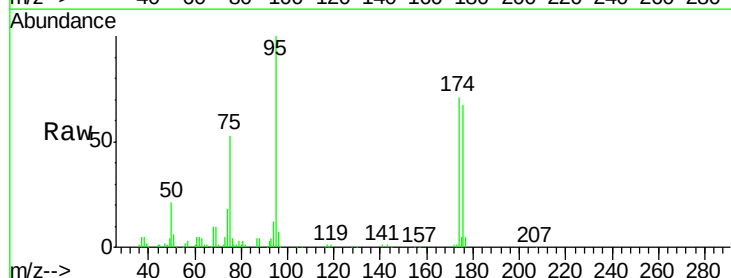
Tgt Ion: 95 Resp: 138439

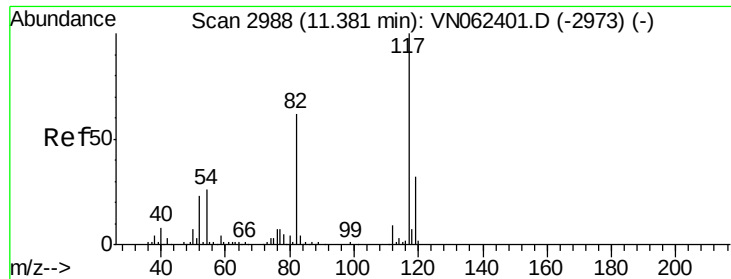
Ion Ratio Lower Upper

95 100

174 71.7 0.0 141.6

176 67.2 0.0 137.2

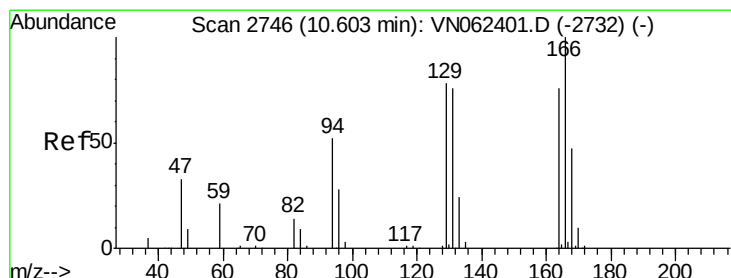
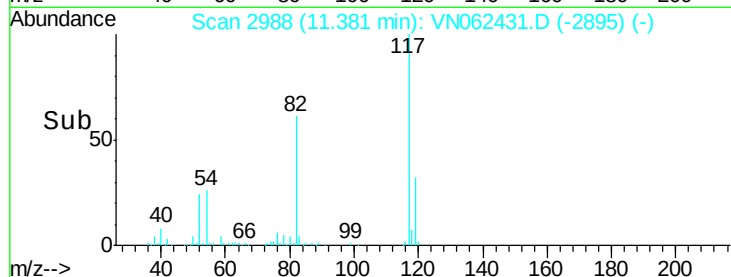
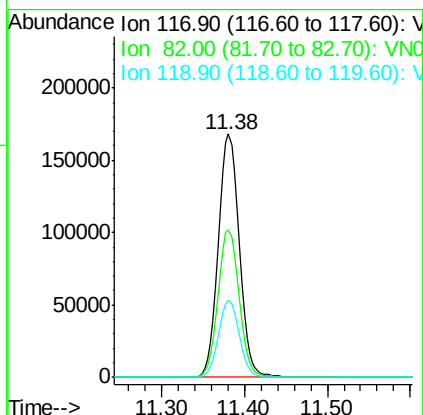
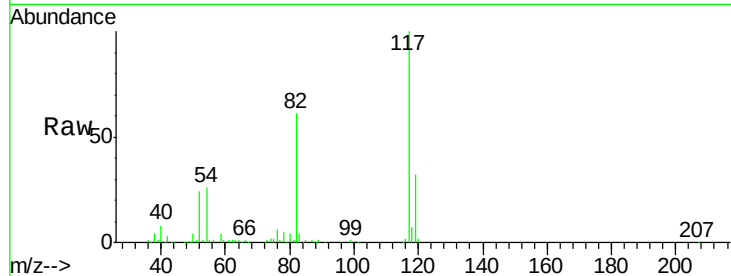




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

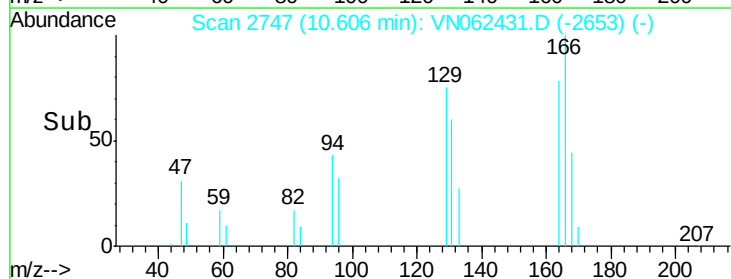
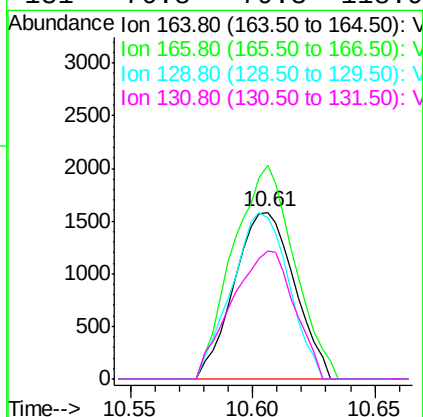
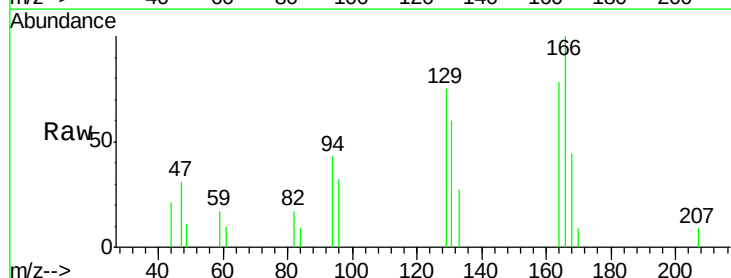
Instrument :
MSVOA_N
ClientSampleId :
MW-8

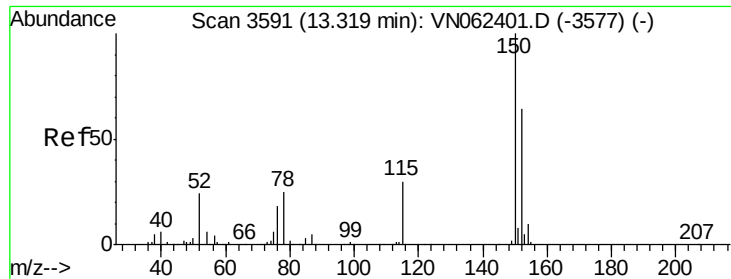
Tot Ion:117 Resp: 294094
Ion Ratio Lower Upper
117 100
82 60.9 49.6 74.4
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 1.552 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062431.D
Acq: 9 Jul 2020 1:59

Tgt Ion:164 Resp: 2708
Ion Ratio Lower Upper
164 100
166 128.0 104.9 157.3
129 96.5 81.8 122.6
131 76.8 79.3 118.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062431.D

Acq: 9 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampleId :

MW-8

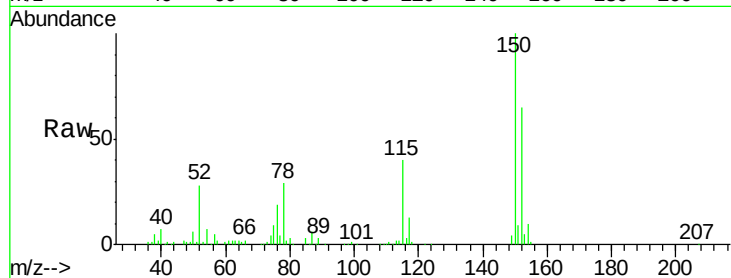
Tot Ion:152 Resp: 101160

Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.2

150 159.1 0.0 347.4



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

