

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062428.D
 Acq On : 9 Jul 2020 00:47
 Operator : JC/MD
 Sample : L3215-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13D

Quant Time: Jul 09 03:23:17 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

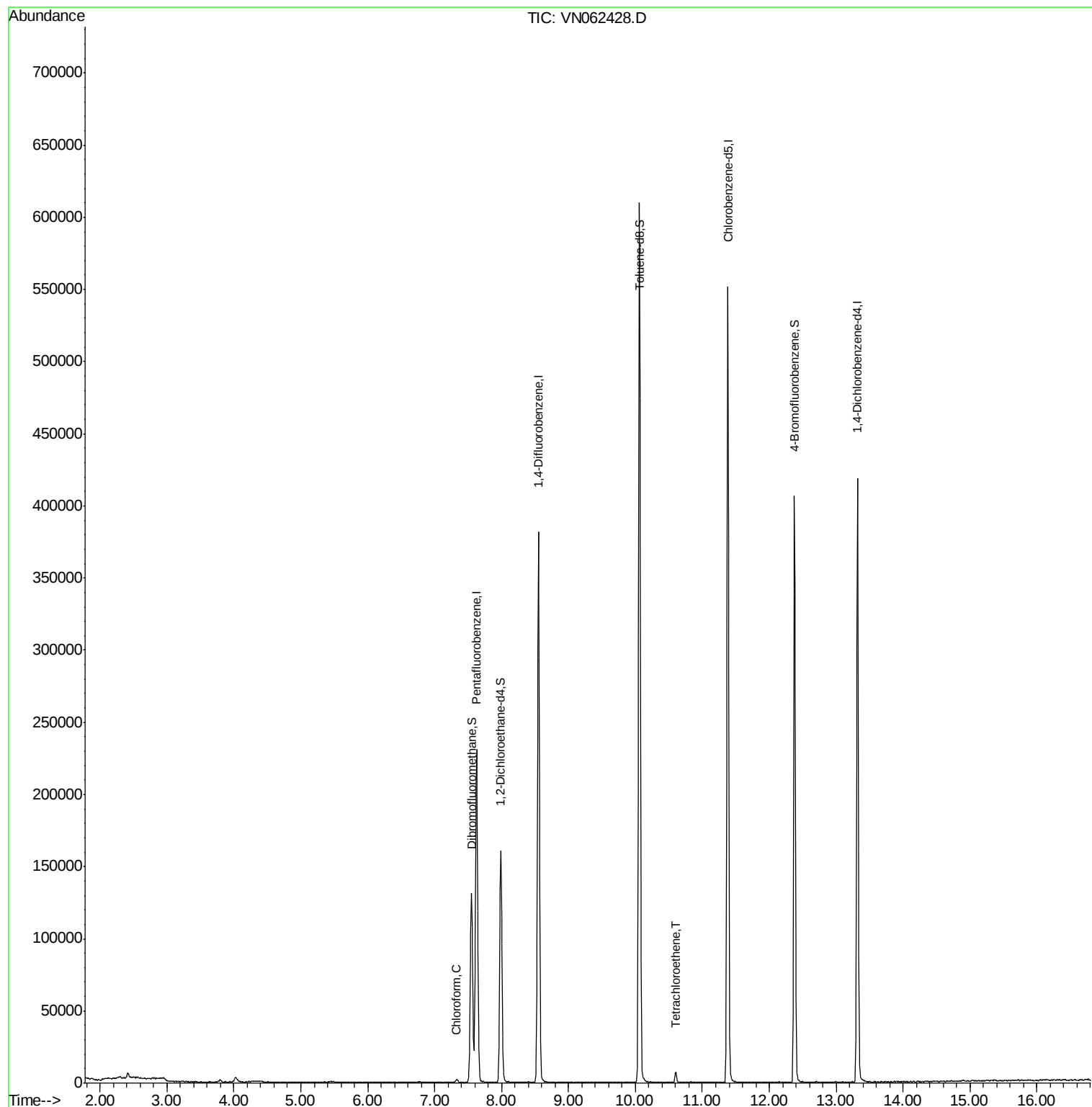
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	176712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	142010	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	101697	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	10.06	98	407749	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.38	95	145044	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
30) Chloroform	7.34	83	2504	0.637	ug/l	88
64) Tetrachloroethene	10.60	164	1798	1.004	ug/l	90

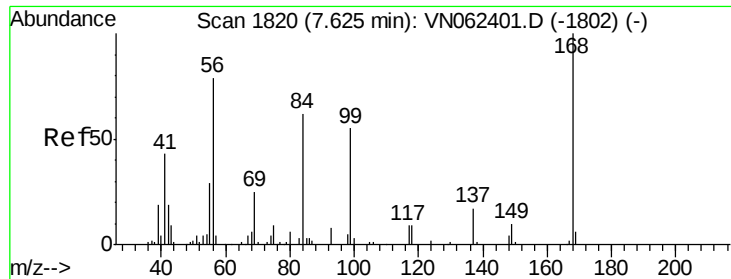
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062428.D

Acq: 9 Jul 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

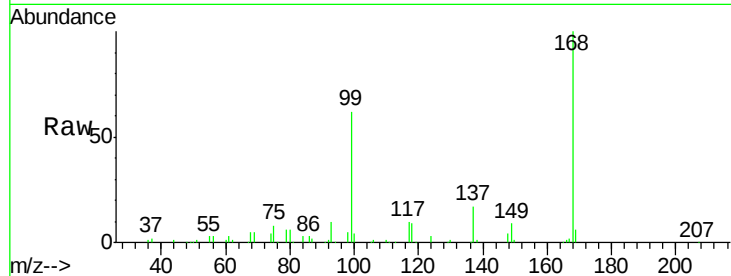
MW-13D

Tot Ion:168 Resp: 176712

Ion Ratio Lower Upper

168 100

99 62.1 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

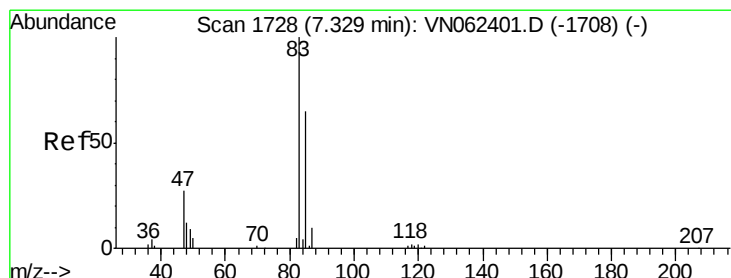
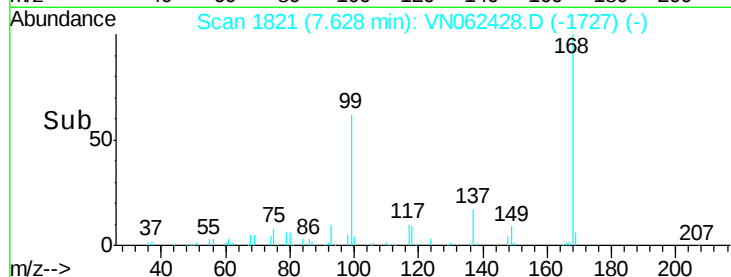
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#30

Chloroform

Concen: 0.637 ug/l

RT: 7.34 min Scan# 1730

Delta R.T. 0.01 min

Lab File: VN062428.D

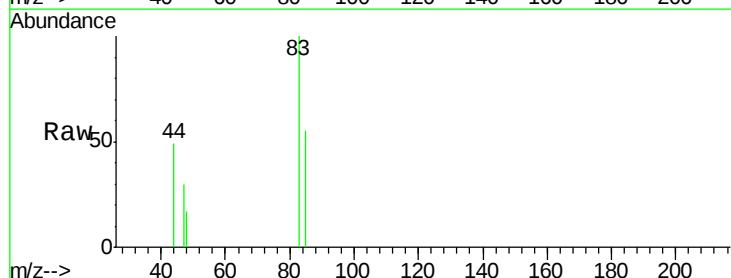
Acq: 9 Jul 2020 00:47

Tgt Ion: 83 Resp: 2504

Ion Ratio Lower Upper

83 100

85 55.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.34

1000

800

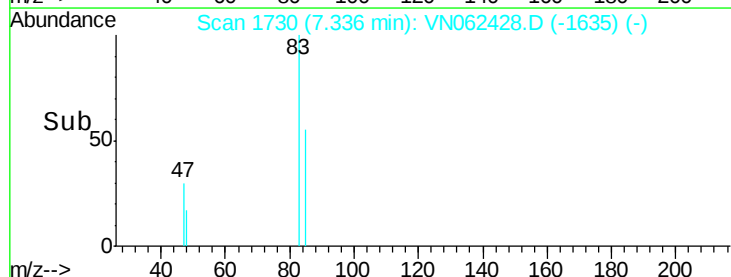
600

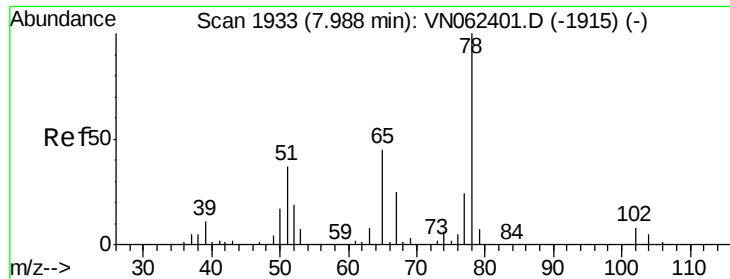
400

200

0

Time--> 7.25 7.30 7.35 7.40

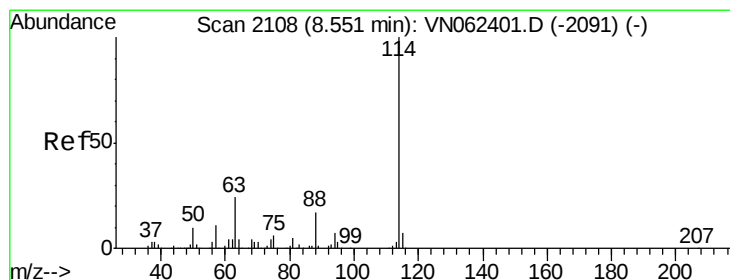
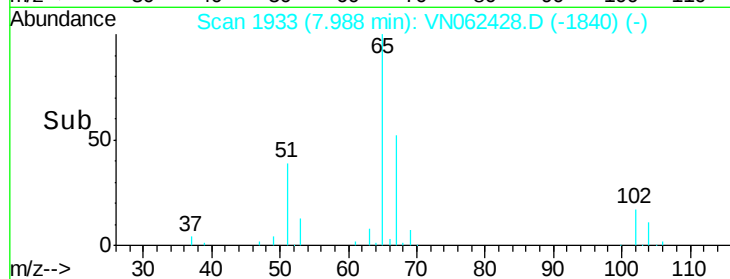
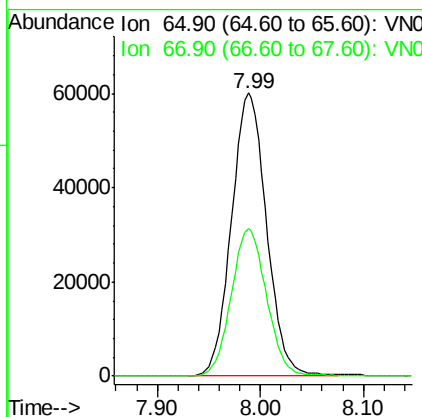
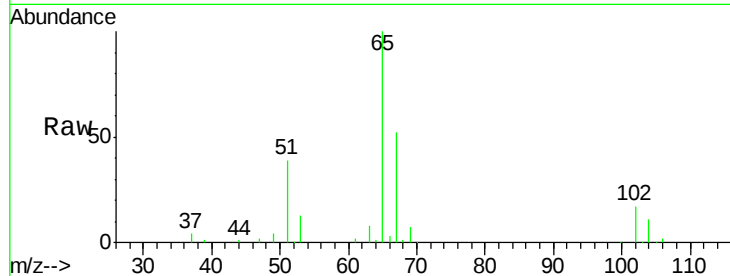




#33
 1,2-Dichloroethane-d4
 Concen: 52.247 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

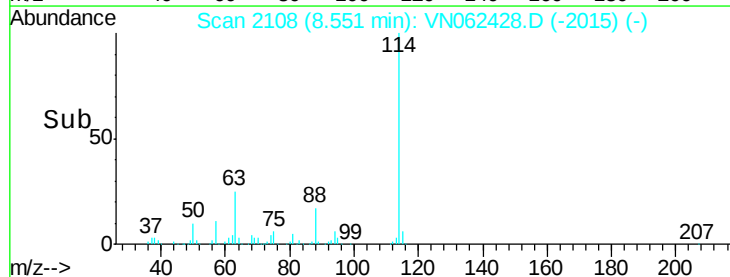
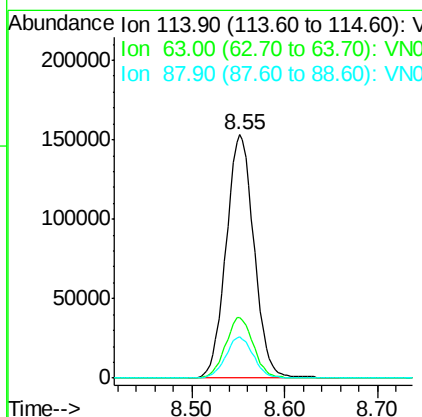
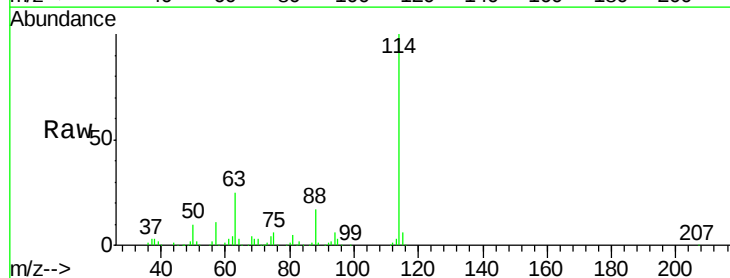
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13D

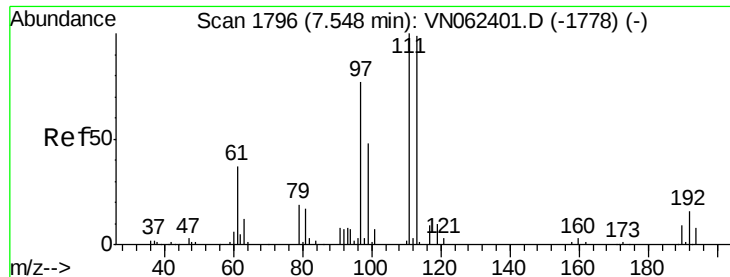
Tot Ion: 65 Resp: 142010
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

Tgt Ion: 114 Resp: 319283
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.4
 88 16.8 0.0 33.8

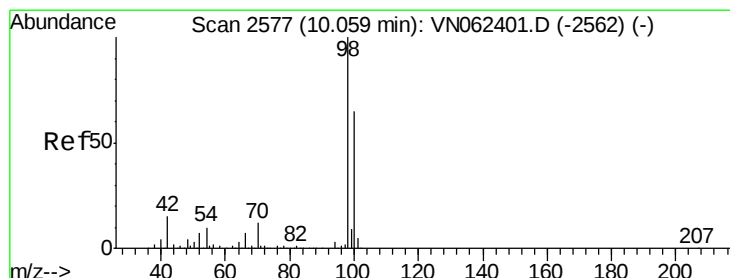
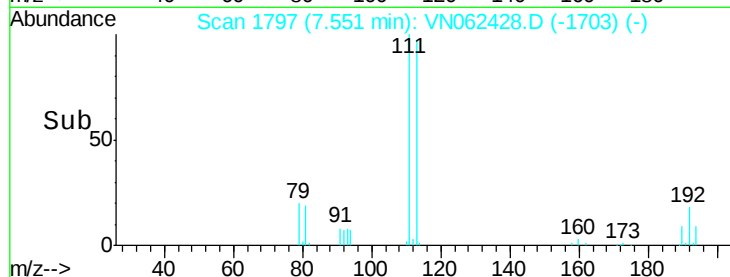
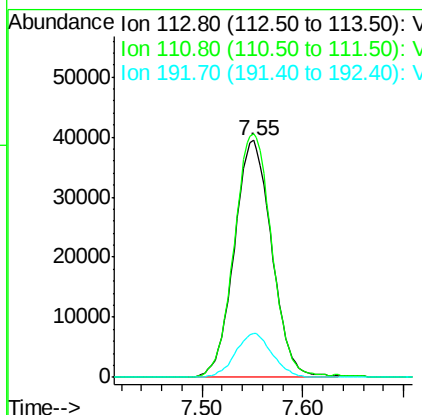
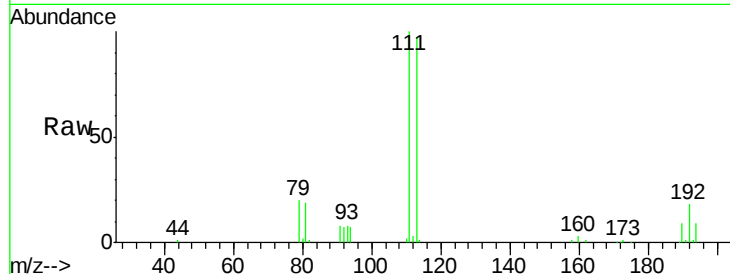




#35
 Dibromofluoromethane
 Concen: 51.529 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

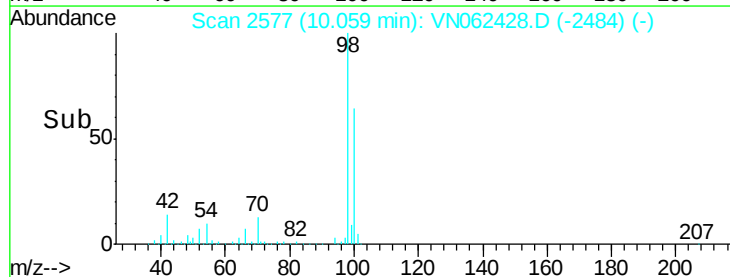
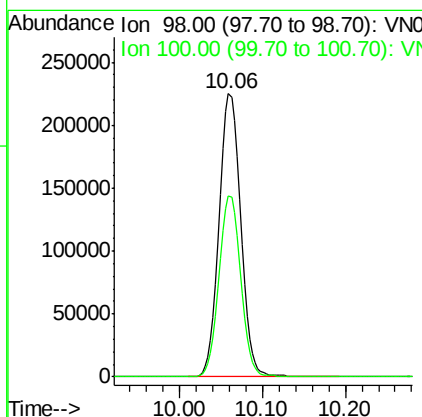
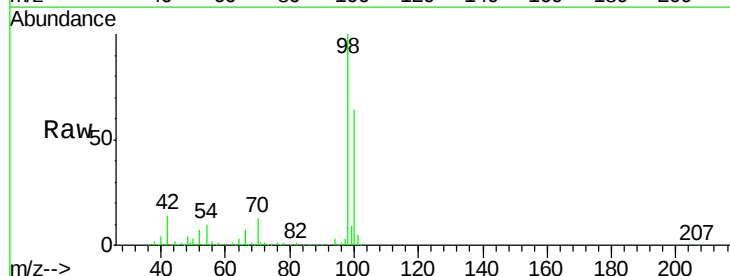
Instrument :
 MSVOA_N
 ClientSampled :
 MW-13D

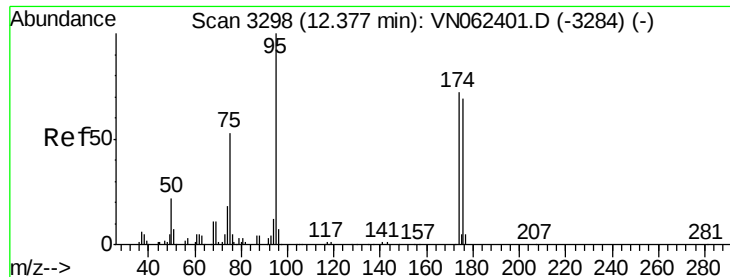
Tot Ion	113	Resp	101697
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	18.2	14.1	21.1



#50
 Toluene-d8
 Concen: 52.335 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062428.D
 Acq: 9 Jul 2020 00:47

Tgt Ion	98	Resp	407749
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3





#62

4-Bromofluorobenzene

Concen: 50.944 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

Instrument :

MSVOA_N

ClientSampled :

MW-13D

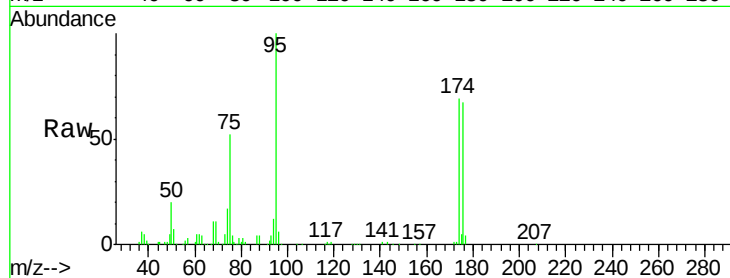
Tot Ion: 95 Resp: 145044

Ion Ratio Lower Upper

95 100

174 71.0 0.0 141.6

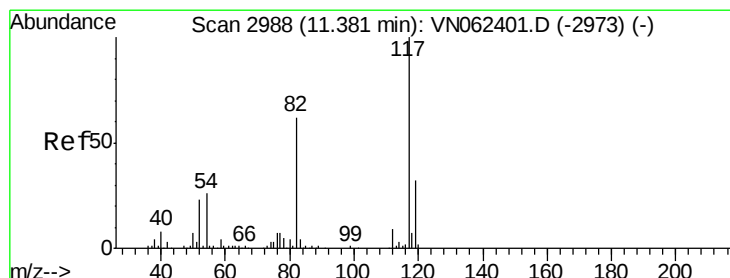
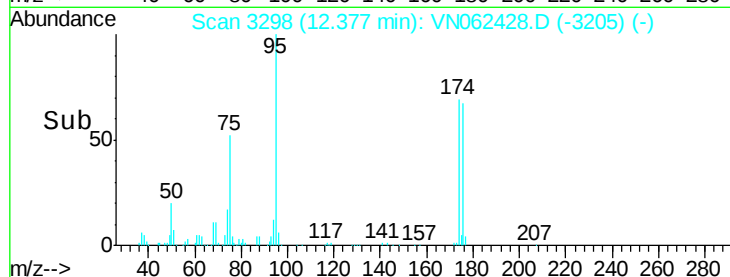
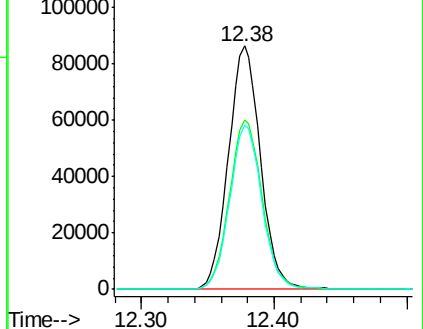
176 68.0 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062428.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062428.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062428.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062428.D

Acq: 9 Jul 2020 00:47

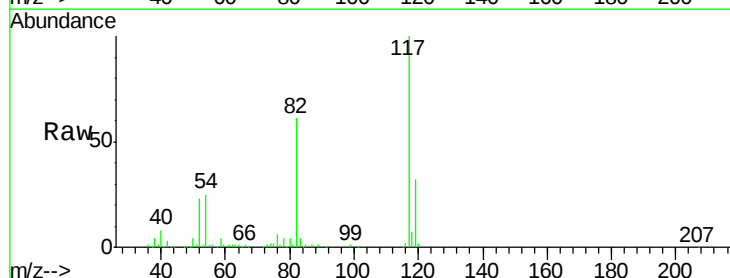
Tgt Ion: 117 Resp: 301782

Ion Ratio Lower Upper

117 100

82 61.2 49.6 74.4

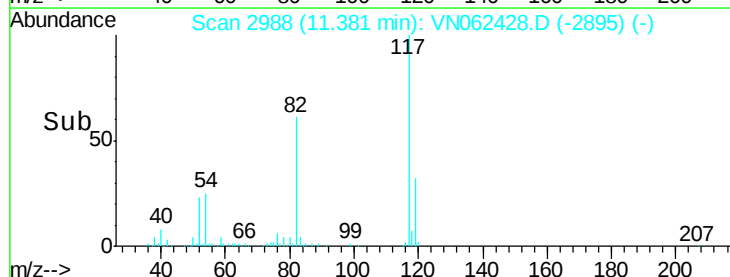
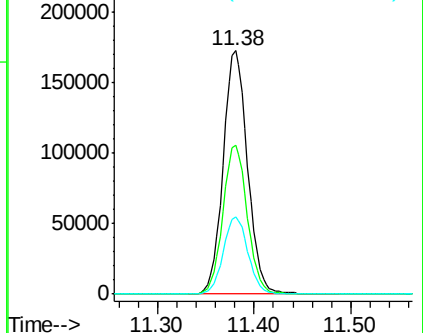
119 31.6 25.4 38.0

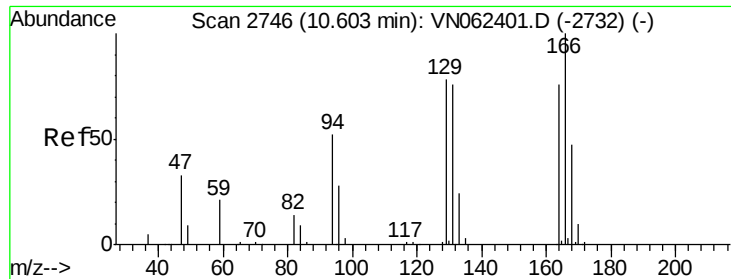


Abundance Ion 116.90 (116.60 to 117.60): VN062428.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062428.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062428.D (-2895) (-)

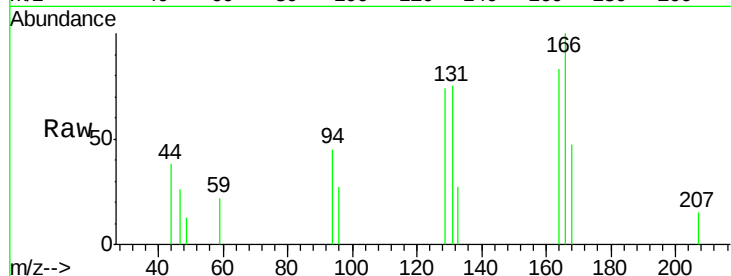




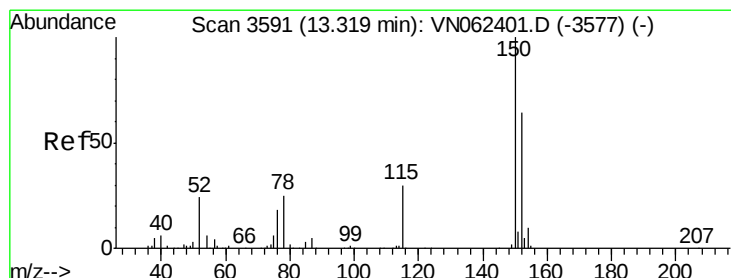
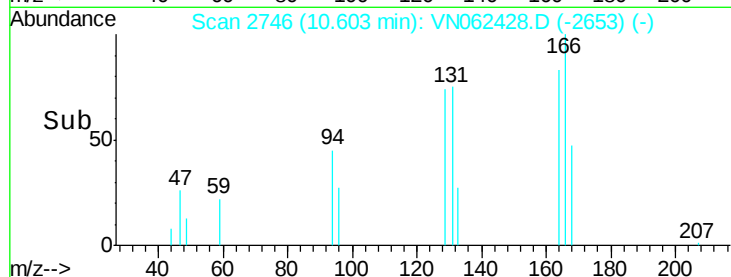
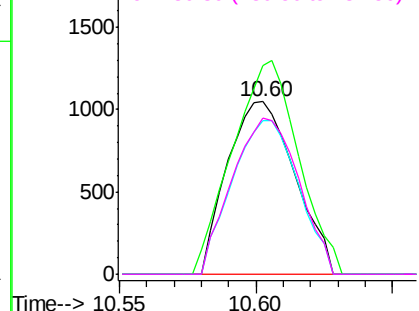
#64
Tetrachloroethene
Concen: 1.004 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062428.D
Acq: 9 Jul 2020 00:47

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tot Ion:164 Resp: 1798
Ion Ratio Lower Upper
164 100
166 120.9 104.9 157.3
129 89.3 81.8 122.6
131 90.5 79.3 118.9

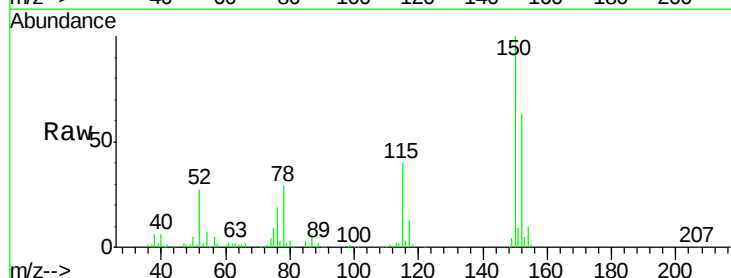


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062428.D
Acq: 9 Jul 2020 00:47

Tgt Ion:152 Resp: 106737
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.2
150 158.9 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

