

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064717.D
 Acq On : 18 Nov 2020 19:24
 Operator : JC/MD
 Sample : L4783-17 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Nov 19 02:37:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

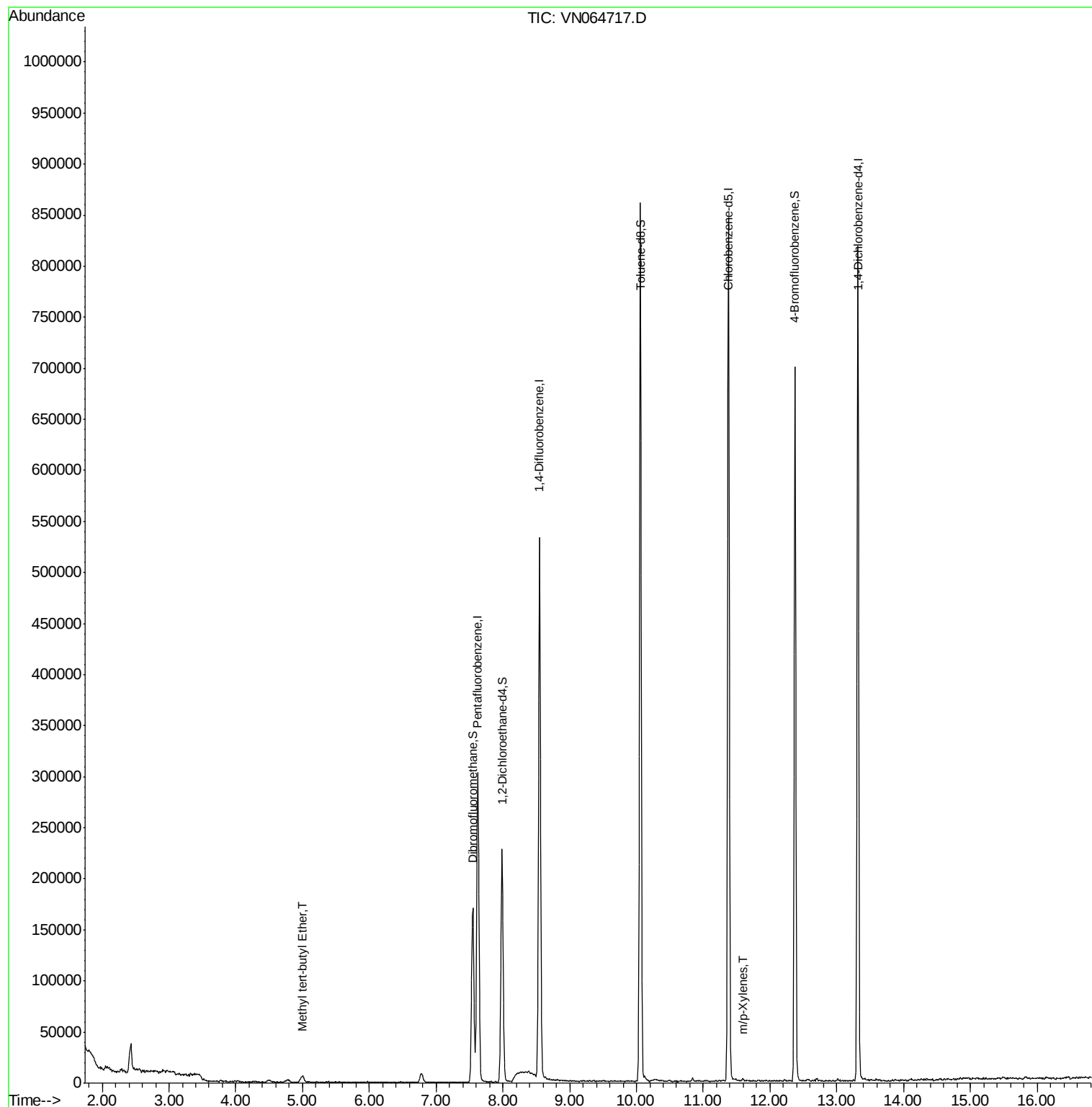
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	212513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	455236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205625	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	7.55	113	126858	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.06	98	556371	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.37	95	226802	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
Target Compounds						
19) Methyl tert-butyl Ether	4.99	73	9388	1.228	ug/l #	89
68) m/p-Xylenes	11.59	106	579	4.142	ug/l	84

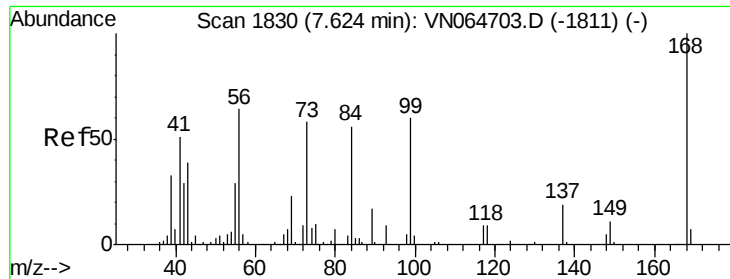
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064717.D

Acq: 18 Nov 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

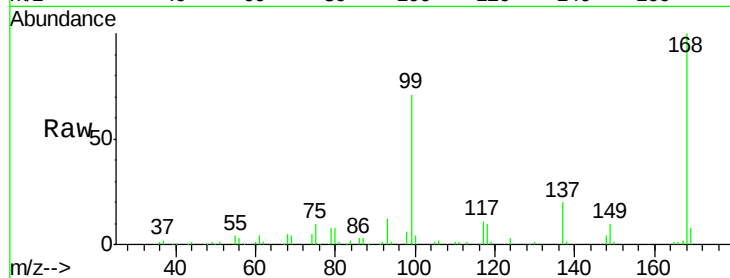
MW-14

Tot Ion:168 Resp: 212513

Ion Ratio Lower Upper

168 100

99 70.6 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

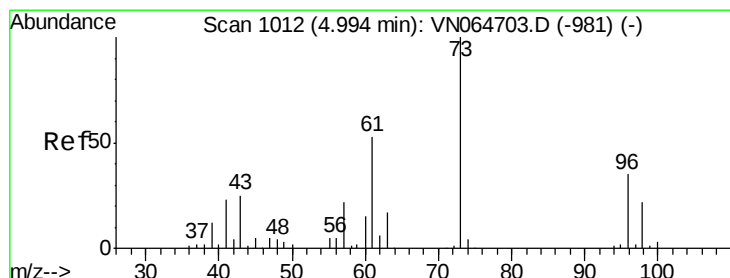
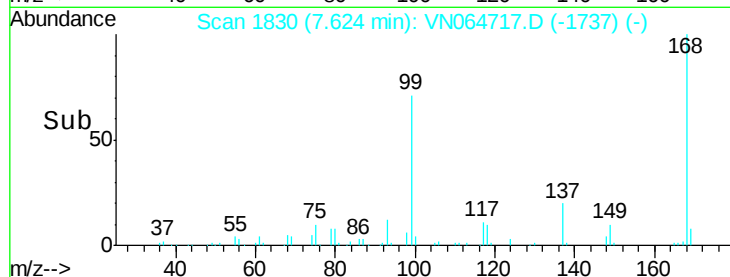
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#19

Methyl tert-butyl Ether

Concen: 1.228 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN064717.D

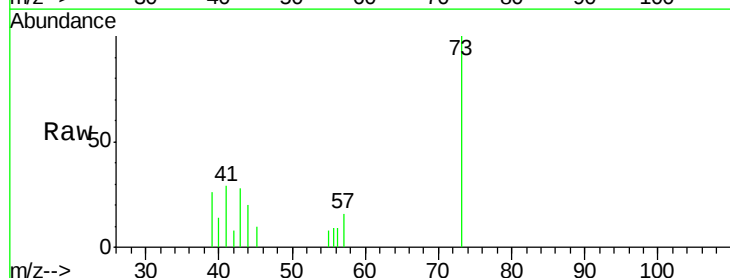
Acq: 18 Nov 2020 19:24

Tgt Ion: 73 Resp: 9388

Ion Ratio Lower Upper

73 100

57 16.4 17.3 25.9#



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.99

2500

2000

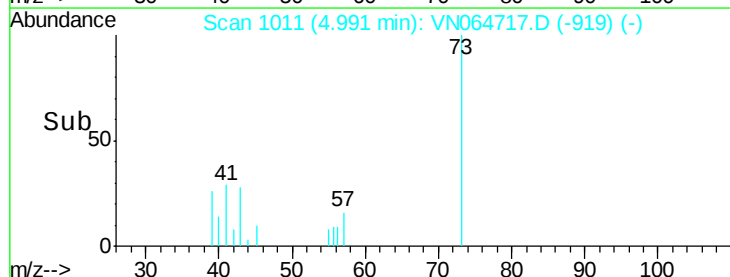
1500

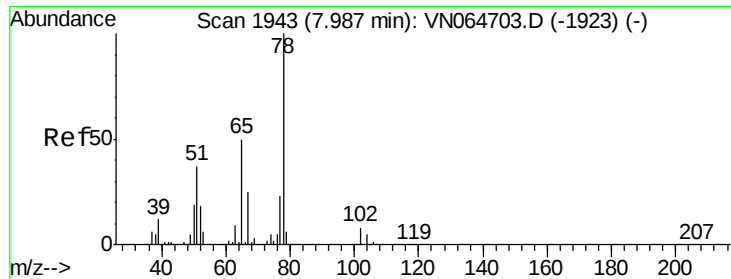
1000

500

0

Time--> 4.90 5.00 5.10

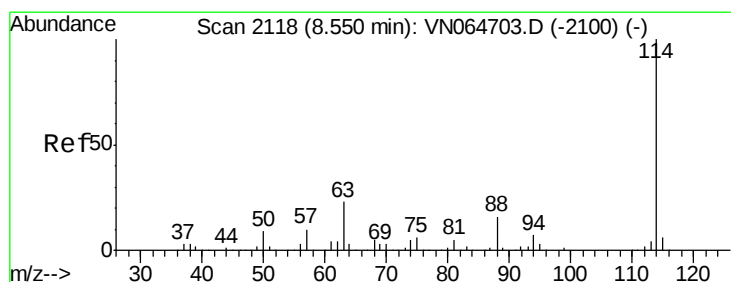
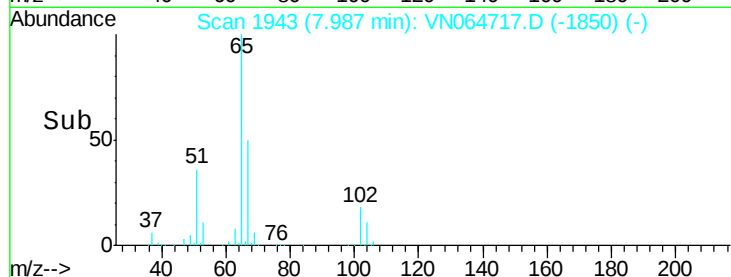
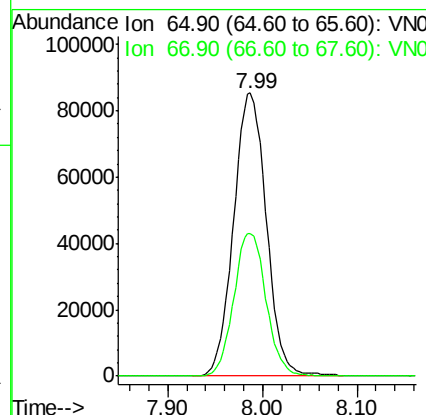
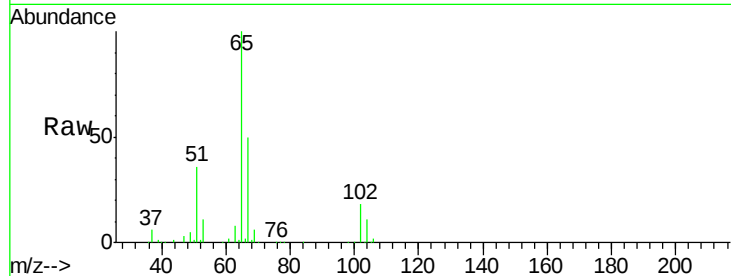




#33
 1,2-Dichloroethane-d4
 Concen: 55.003 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064717.D
 Acq: 18 Nov 2020 19:24

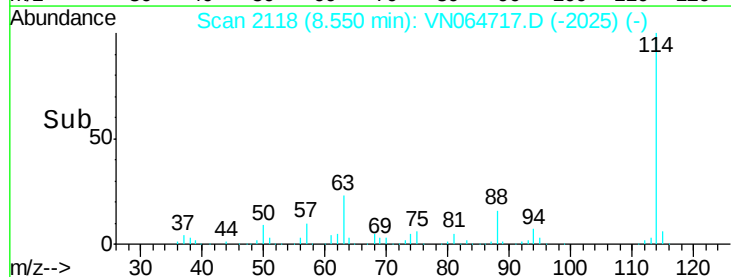
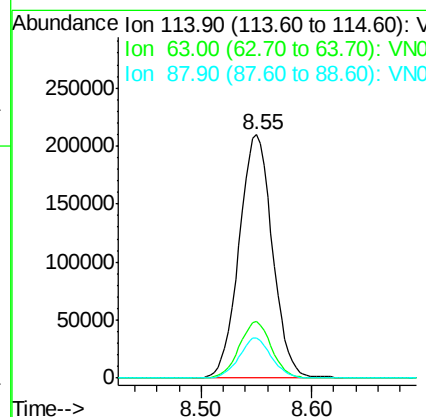
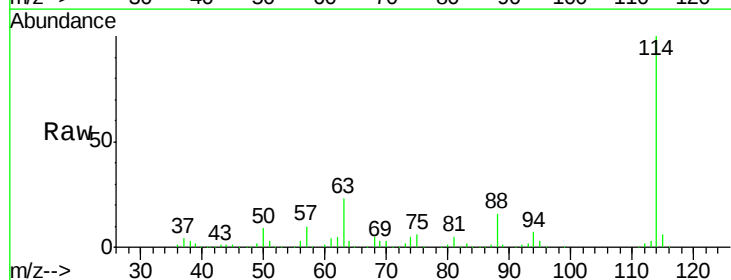
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

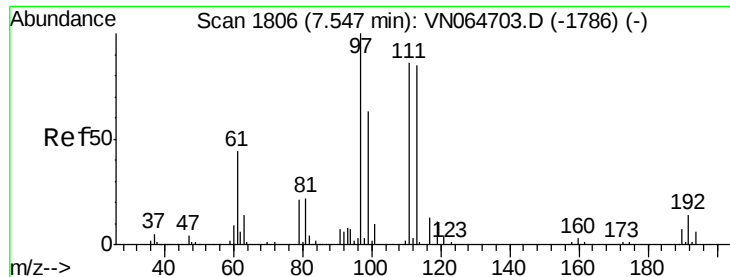
Tot Ion: 65 Resp: 205625
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064717.D
 Acq: 18 Nov 2020 19:24

Tgt Ion: 114 Resp: 438465
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 16.3 0.0 31.2

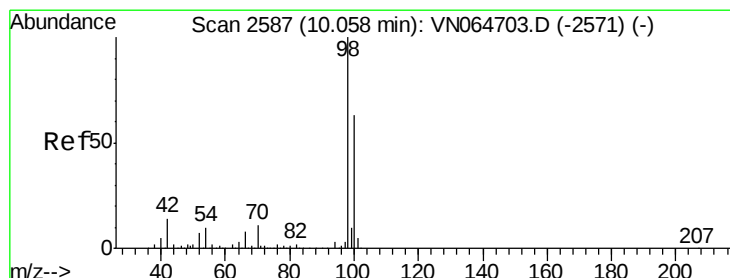
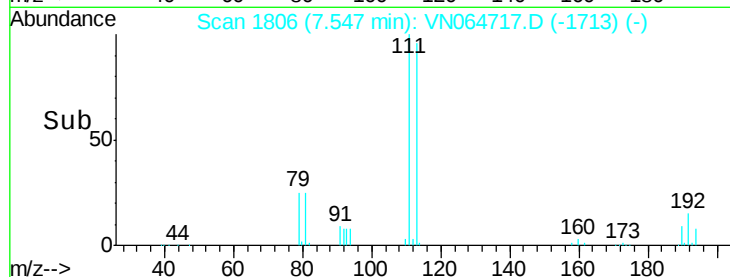
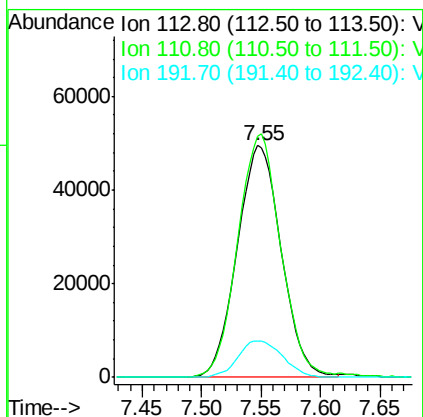
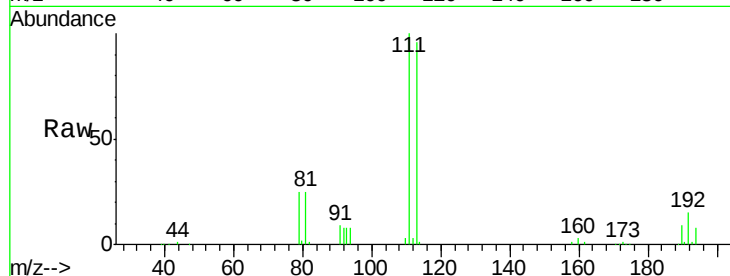




#35
 Dibromofluoromethane
 Concen: 50.832 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064717.D
 Acq: 18 Nov 2020 19:24

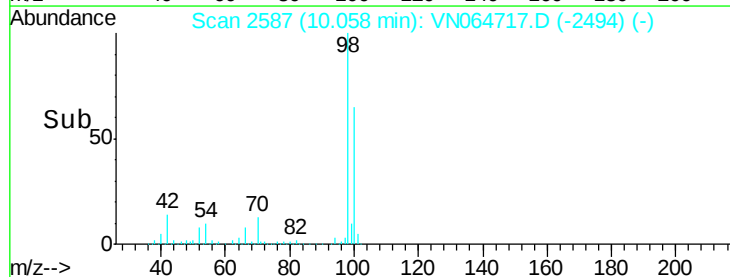
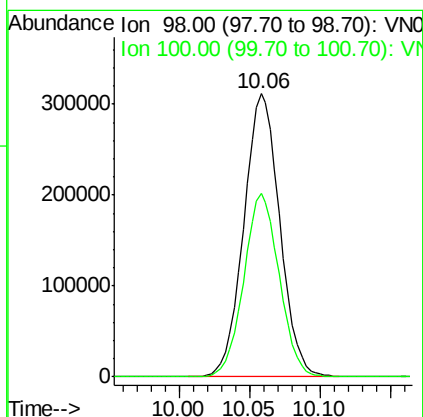
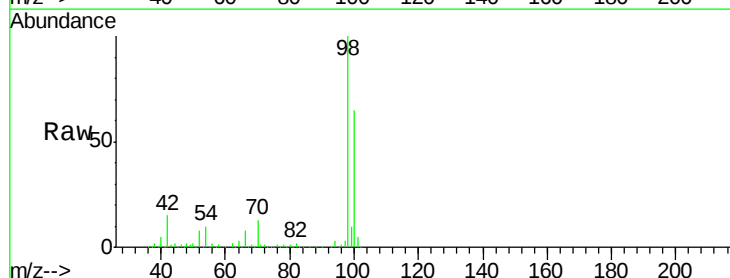
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

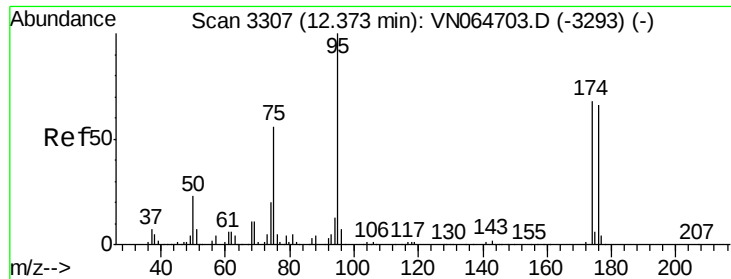
Tot Ion:113 Resp: 126858
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 15.9 12.7 19.1



#50
 Toluene-d8
 Concen: 49.053 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064717.D
 Acq: 18 Nov 2020 19:24

Tgt Ion: 98 Resp: 556371
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 53.498 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN064717.D

Acq: 18 Nov 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

MW-14

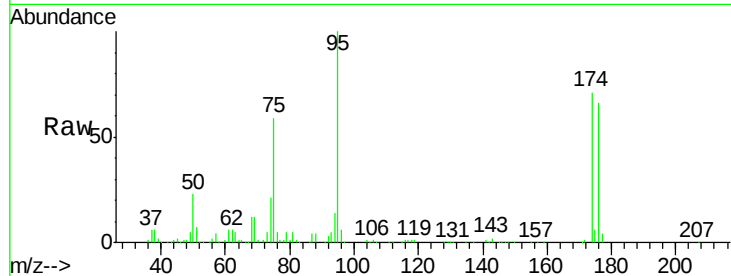
Tot Ion: 95 Resp: 226802

Ion Ratio Lower Upper

95 100

174 70.1 0.0 136.8

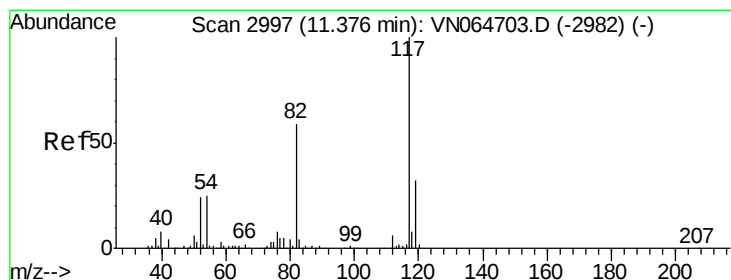
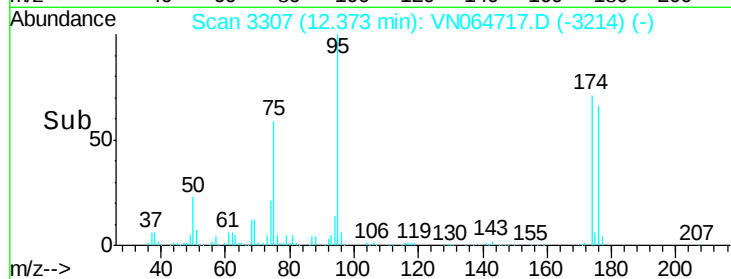
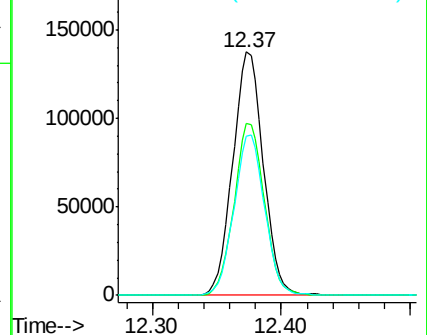
176 65.8 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064717.D (-3214) (-)

Ion 173.80 (173.50 to 174.50): VN064717.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064717.D (-3214) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064717.D

Acq: 18 Nov 2020 19:24

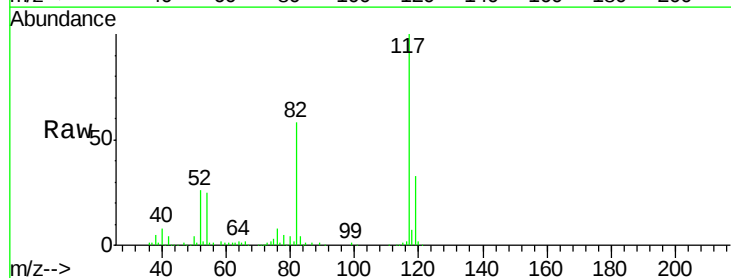
Tgt Ion: 117 Resp: 455236

Ion Ratio Lower Upper

117 100

82 58.3 47.0 70.6

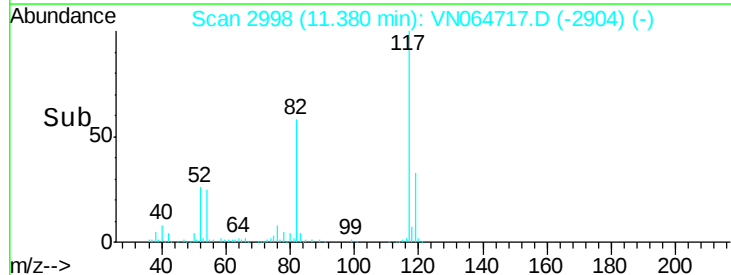
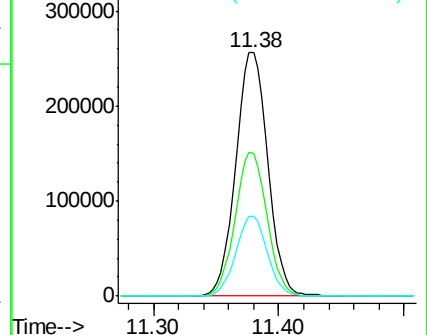
119 33.0 25.4 38.2

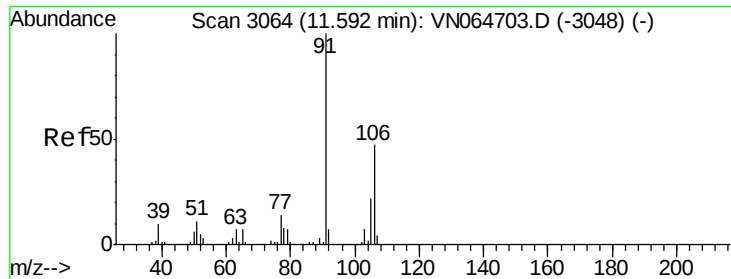


Abundance Ion 116.90 (116.60 to 117.60): VN064717.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN064717.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN064717.D (-2904) (-)

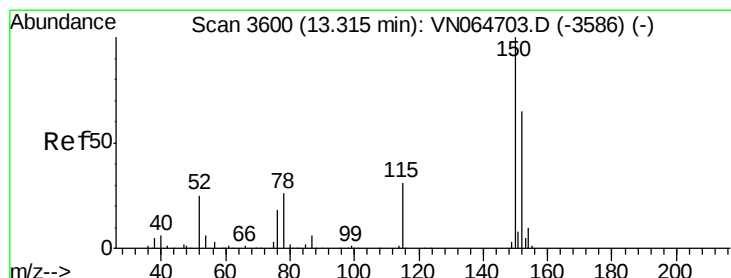
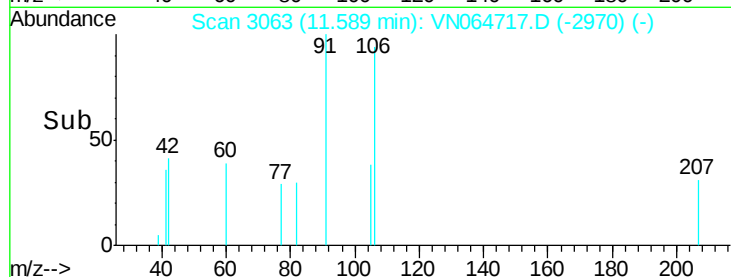
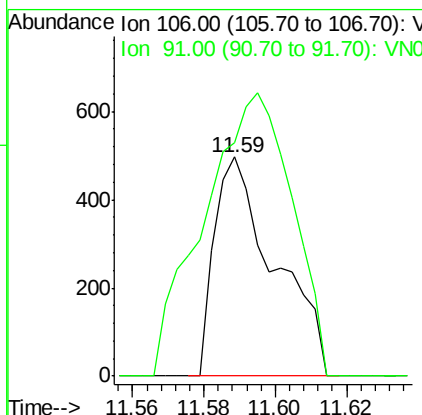
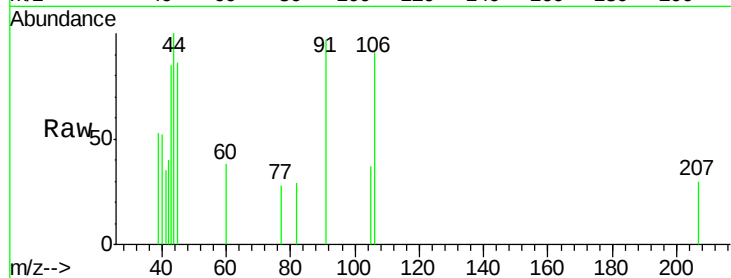




#68
m/p-Xvlenes
Concen: 4.142 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampled :
MW-14

Tot Ion:106 Resp: 579
Ion Ratio Lower Upper
106 100
91 189.1 171.9 257.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion:152 Resp: 192996
Ion Ratio Lower Upper
152 100
115 65.9 32.1 96.3
150 159.2 0.0 344.8

