

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060822.D
 Acq On : 2 Apr 2020 14:50
 Operator : JC/MD
 Sample : L2018-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Apr 03 08:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

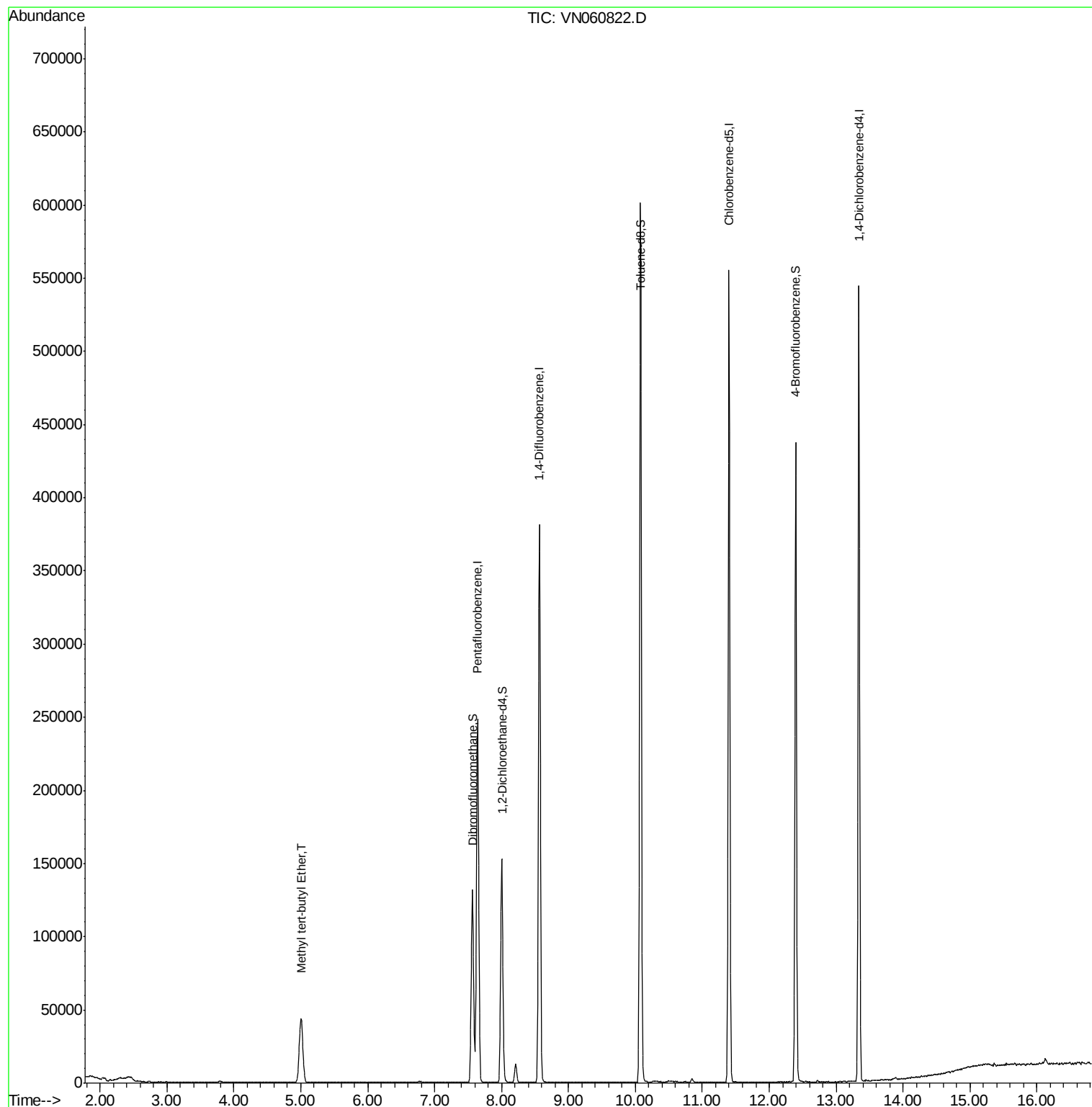
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	316071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130856	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	7.56	113	102076	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.08	98	416917	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	154517	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
Target Compounds						
19) Methyl tert-butyl Ether	5.00	73	77481	10.273	ug/l	Qvalue 96

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060822.D

Acq: 2 Apr 2020 14:50

Instrument :

MSVOA_N

ClientSampled :

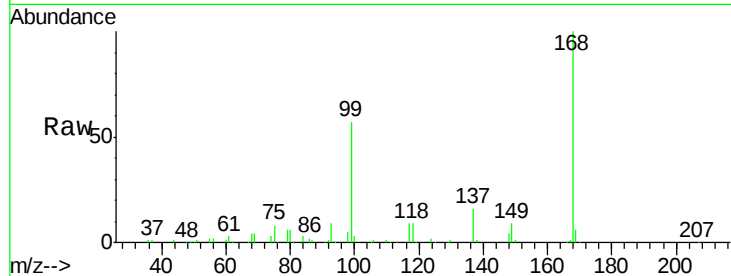
MW-4

Tot Ion:168 Resp: 202626

Ion Ratio Lower Upper

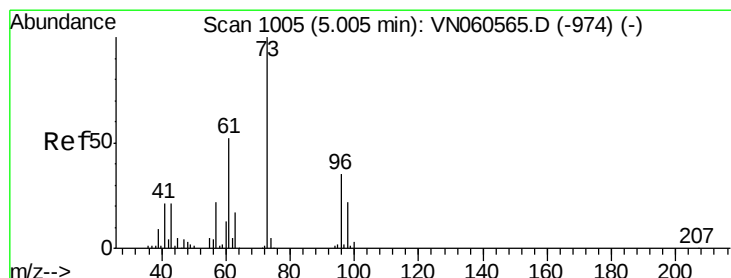
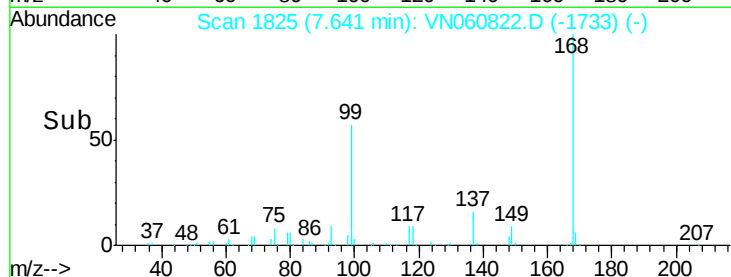
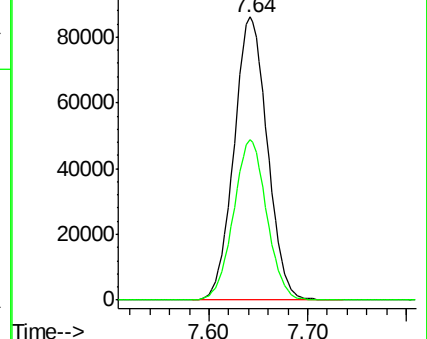
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#19

Methyl tert-butyl Ether

Concen: 10.273 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060822.D

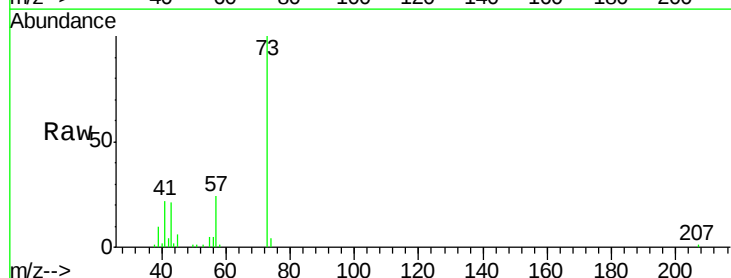
Acq: 2 Apr 2020 14:50

Tgt Ion: 73 Resp: 77481

Ion Ratio Lower Upper

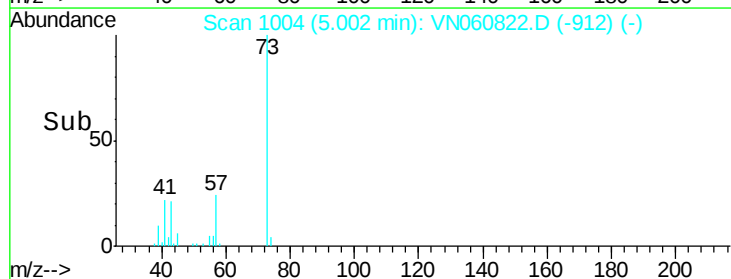
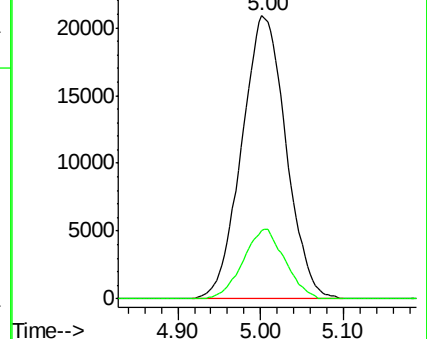
73 100

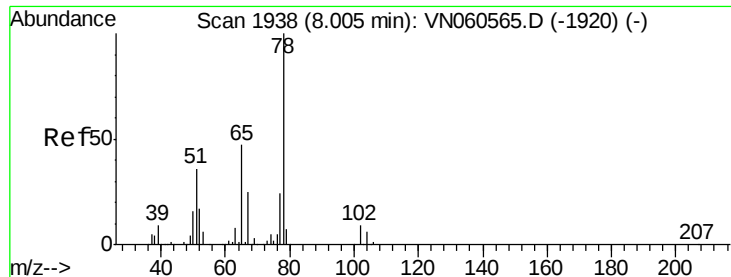
57 24.0 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN





#33

1,2-Dichloroethane-d4

Concen: 47.044 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060822.D

Acq: 2 Apr 2020 14:50

Instrument :

MSVOA_N

ClientSampled :

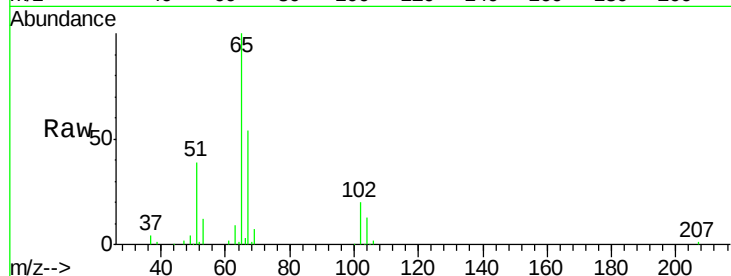
MW-4

Tot Ion: 65 Resp: 130856

Ion Ratio Lower Upper

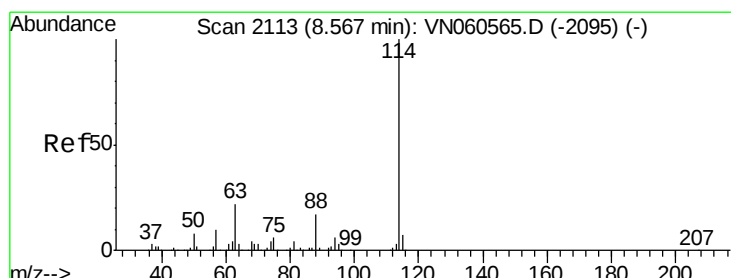
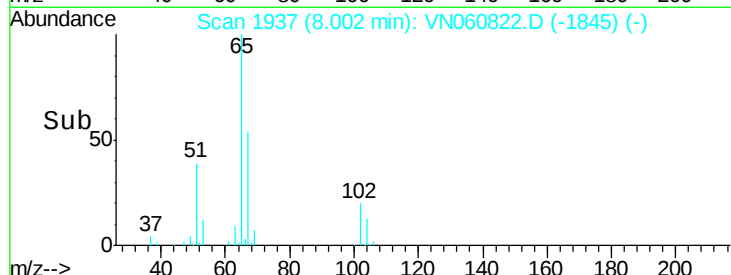
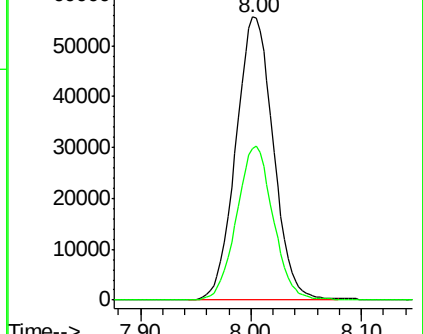
65 100

67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060822.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060822.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060822.D

Acq: 2 Apr 2020 14:50

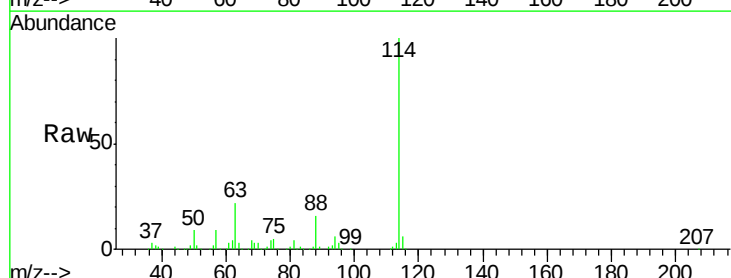
Tgt Ion: 114 Resp: 338429

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

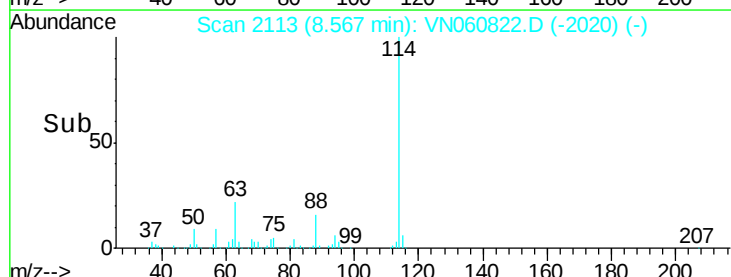
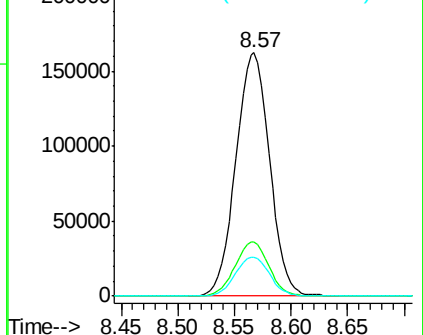
88 16.2 0.0 33.0

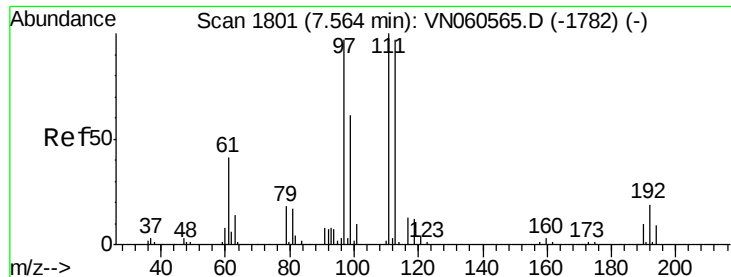


Abundance Ion 113.90 (113.60 to 114.60): VN060822.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060822.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060822.D (-2020) (-)

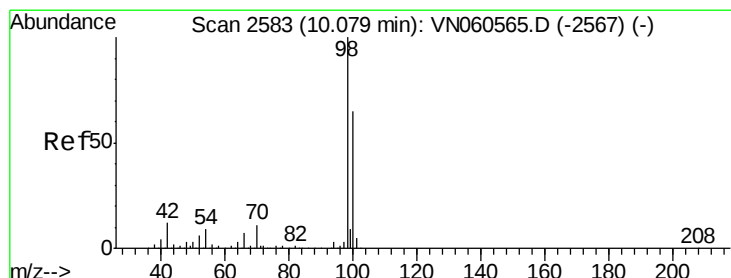
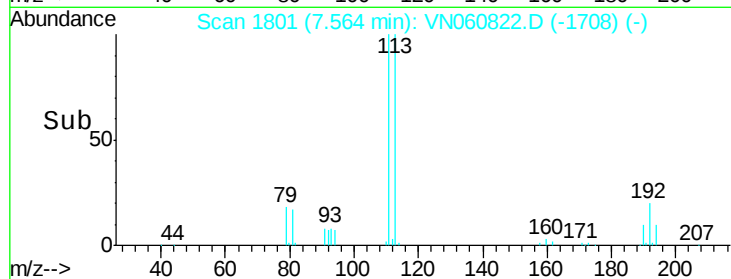
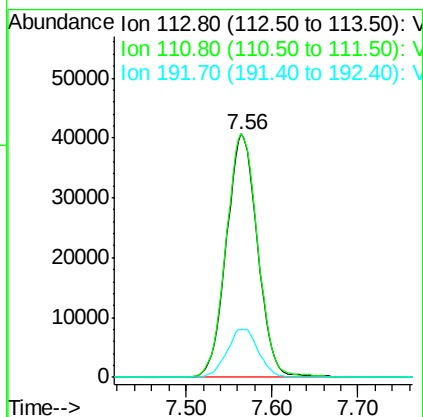
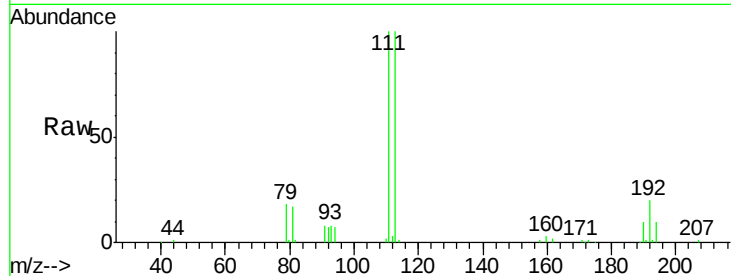




#35
 Dibromofluoromethane
 Concen: 49.881 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060822.D
 Acq: 2 Apr 2020 14:50

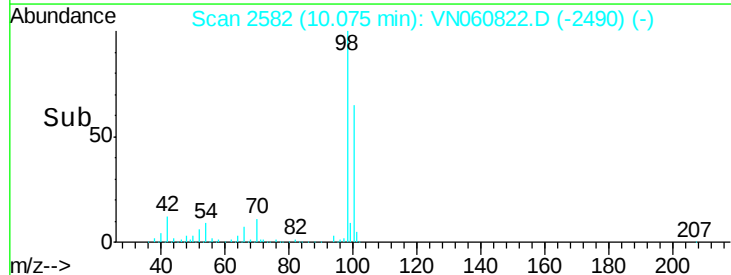
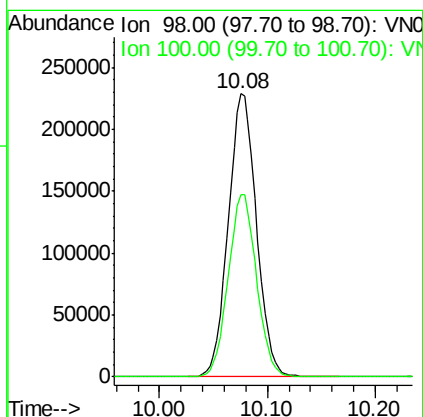
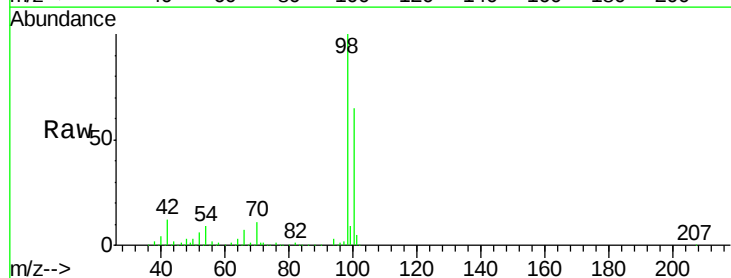
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

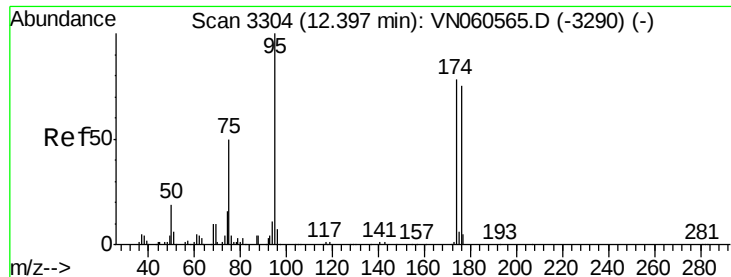
Tot Ion:113 Resp: 102076
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.9 124.3
 192 19.9 15.8 23.8



#50
 Toluene-d8
 Concen: 49.879 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060822.D
 Acq: 2 Apr 2020 14:50

Tgt Ion: 98 Resp: 416917
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.8 77.8

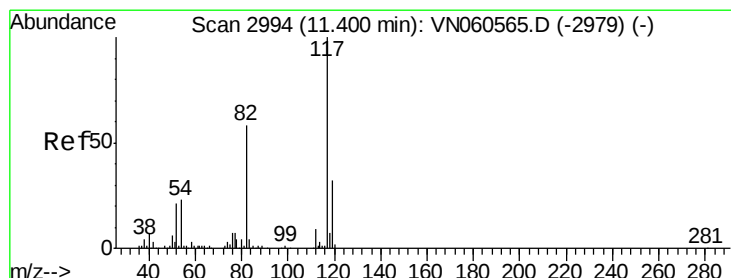
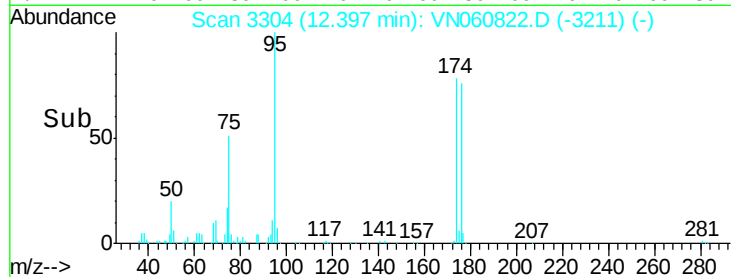
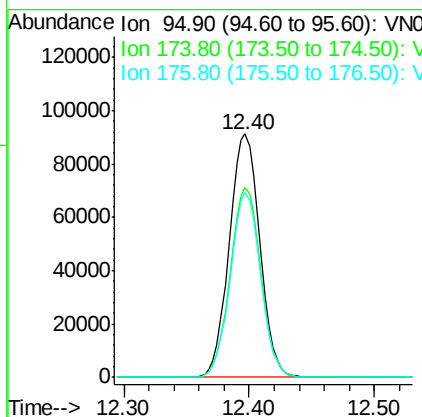
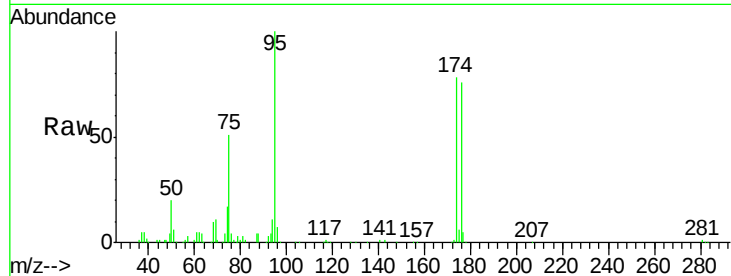




#62
4-Bromofluorobenzene
Concen: 50.441 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060822.D
Acq: 2 Apr 2020 14:50

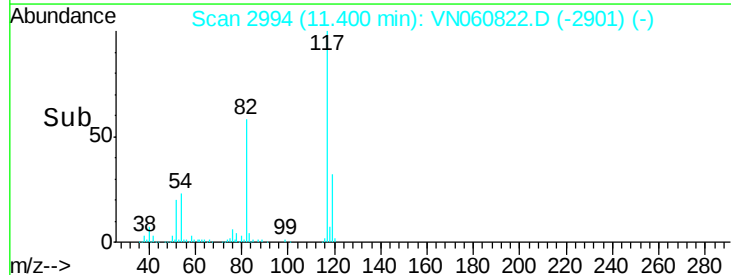
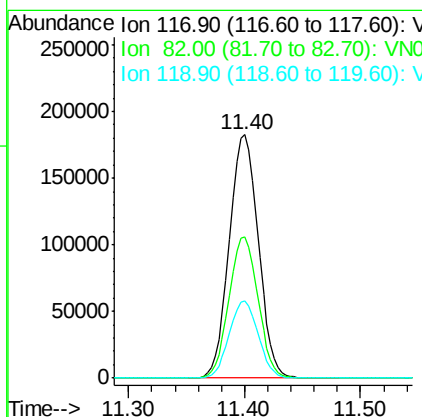
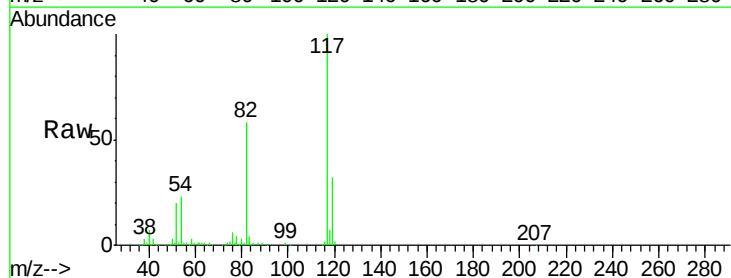
Instrument :
MSVOA_N
ClientSampleId :
MW-4

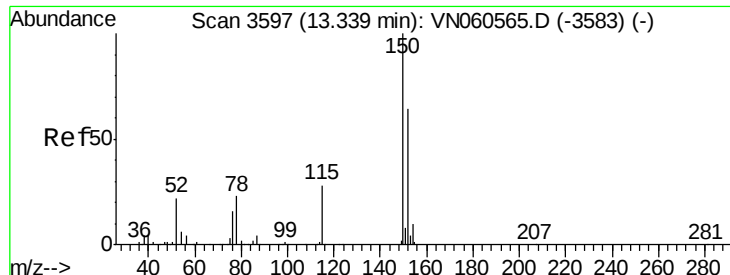
Tot Ion	95	Resp	154517
Ion Ratio	Lower	Upper	
95	100		
174	77.8	0.0	157.6
176	75.4	0.0	150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060822.D
Acq: 2 Apr 2020 14:50

Tgt Ion	117	Resp	316071
Ion Ratio	Lower	Upper	
117	100		
82	57.7	46.7	70.1
119	31.6	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060822.D

Acq: 2 Apr 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

MW-4

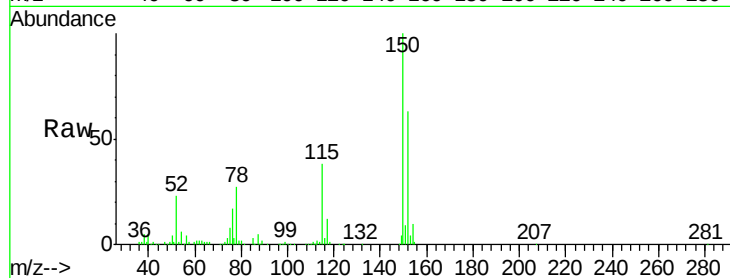
Tot Ion:152 Resp: 142339

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 158.1 0.0 350.2



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

