

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064745.D
 Acq On : 19 Nov 2020 20:02
 Operator : JC/MD
 Sample : L4783-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6D

Quant Time: Nov 20 05:26:01 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

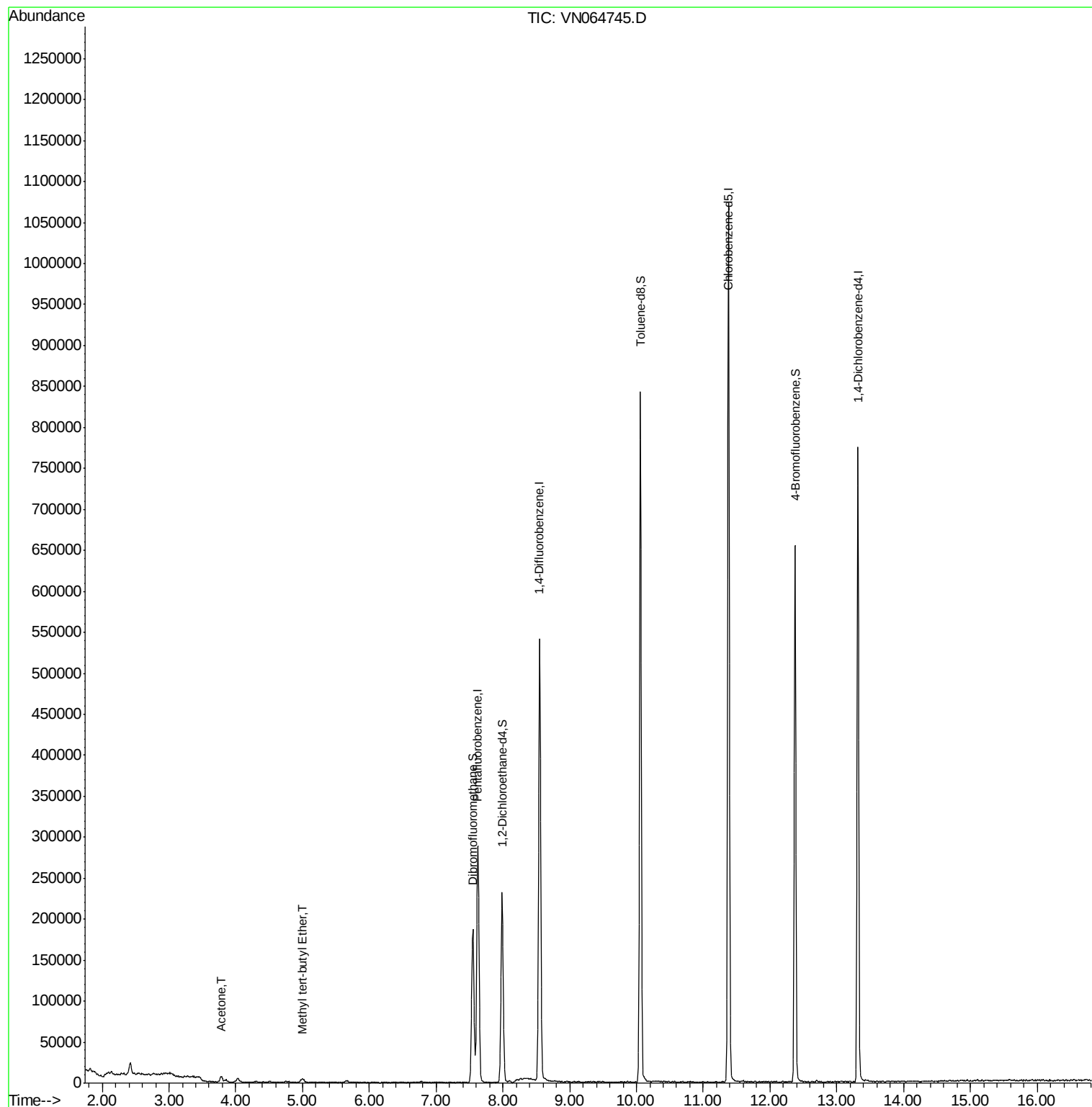
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	203001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	597233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	209646	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.42%	
35) Dibromofluoromethane	7.55	113	140362	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
50) Toluene-d8	10.06	98	549254	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	12.38	95	217253	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
16) Acetone	3.78	43	12714	19.481	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	6589	0.902	ug/l	93

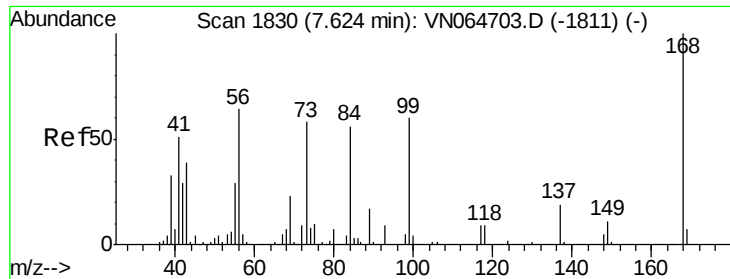
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064745.D

Acq: 19 Nov 2020 20:02

Instrument :

MSVOA_N

ClientSampleId :

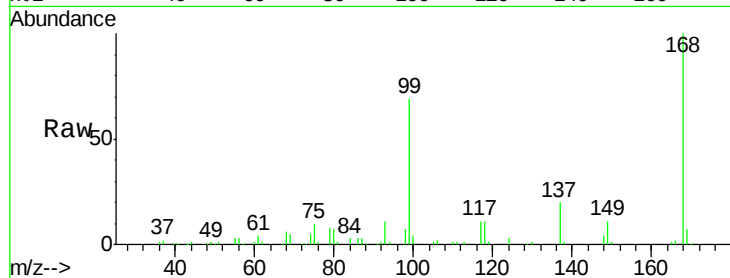
MW-6D

Tot Ion:168 Resp: 203001

Ion Ratio Lower Upper

168 100

99 69.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

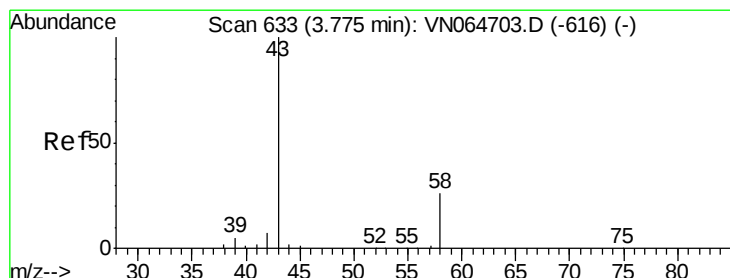
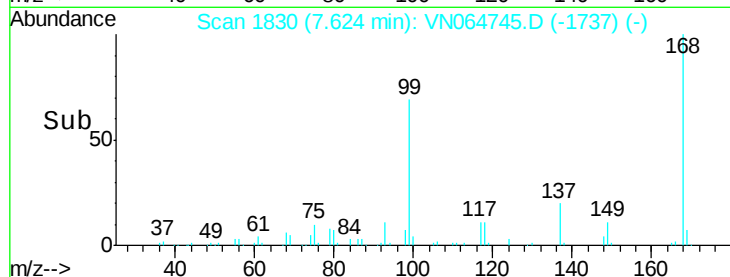
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 19.481 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064745.D

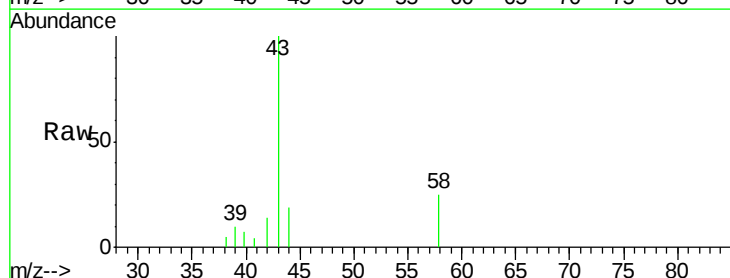
Acq: 19 Nov 2020 20:02

Tgt Ion: 43 Resp: 12714

Ion Ratio Lower Upper

43 100

58 24.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

5000

4000

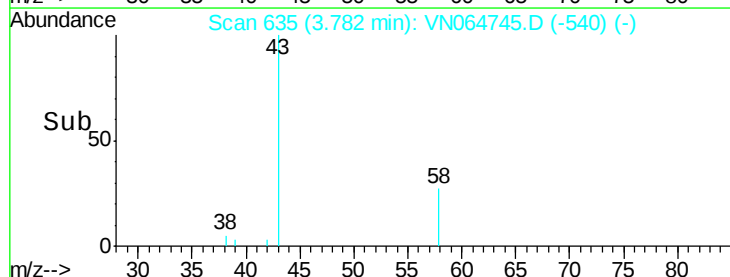
3000

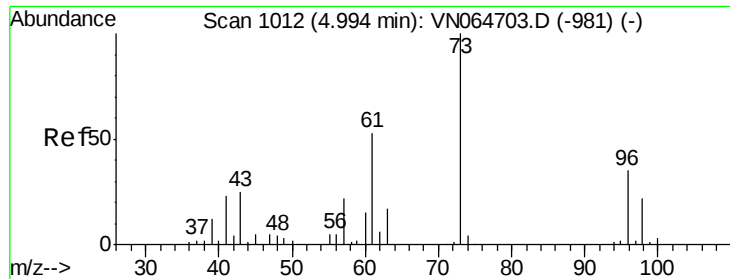
2000

1000

0

Time-->

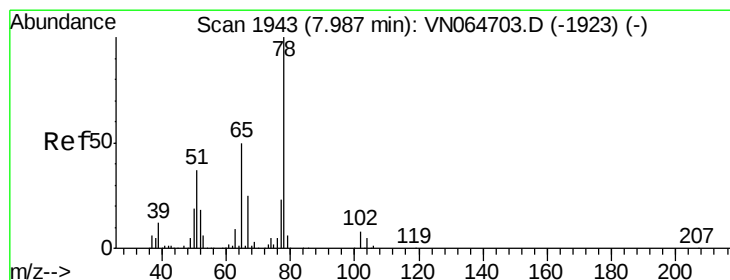
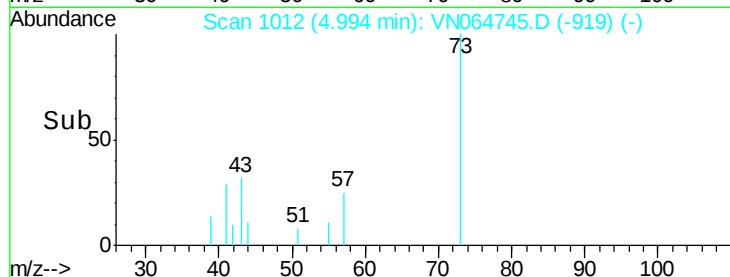
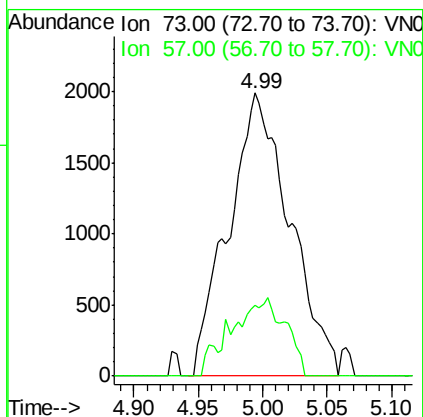
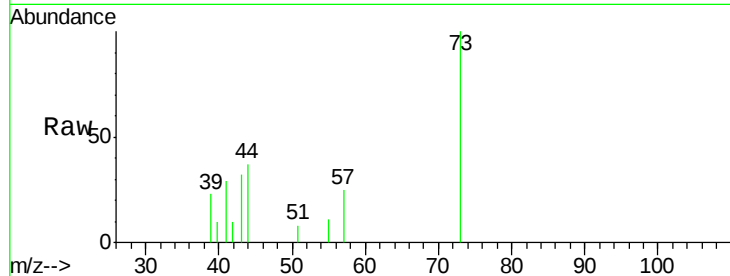




#19
Methvl tert-butvl Ether
Concen: 0.902 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064745.D
Acq: 19 Nov 2020 20:02

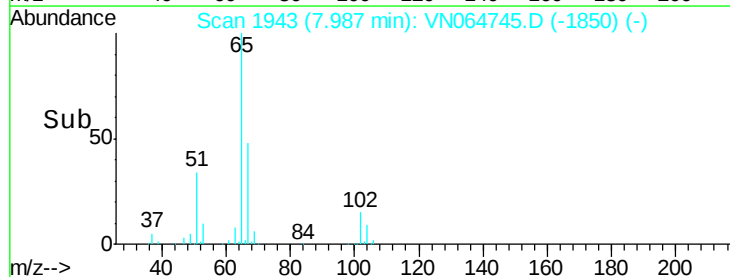
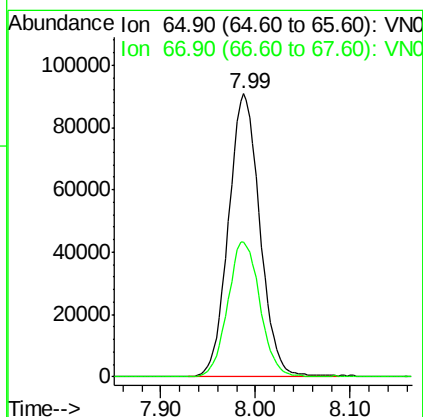
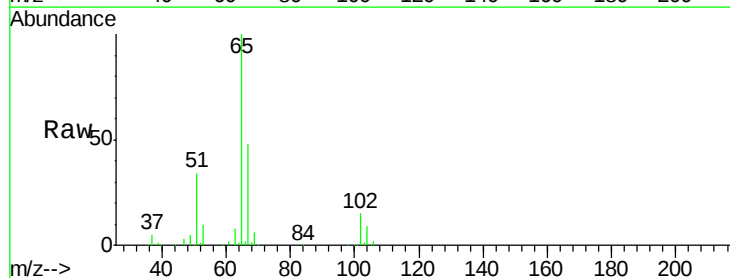
Instrument :
MSVOA_N
ClientSampled :
MW-6D

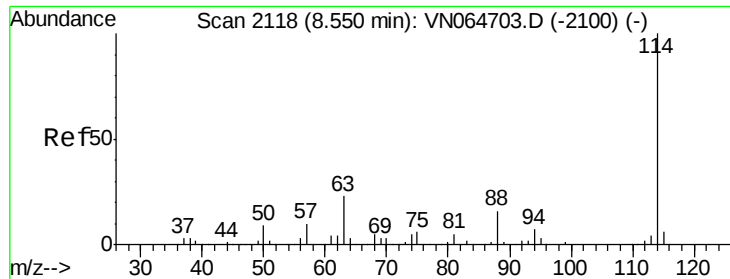
Tot Ion: 73 Resp: 6589
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 58.706 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064745.D
Acq: 19 Nov 2020 20:02

Tgt Ion: 65 Resp: 209646
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.8

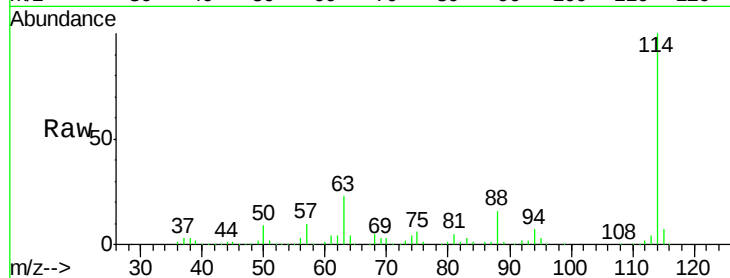




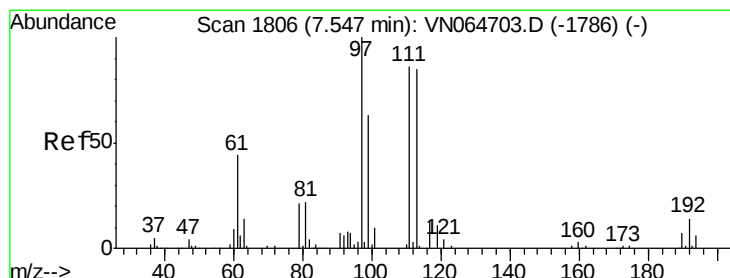
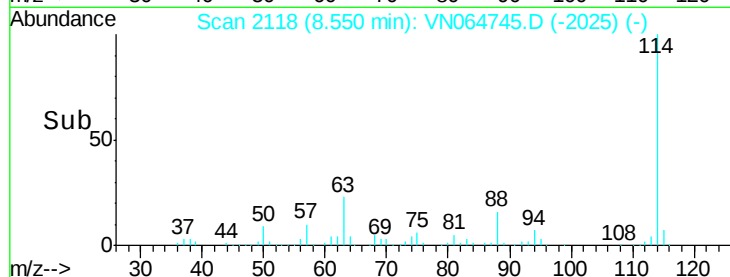
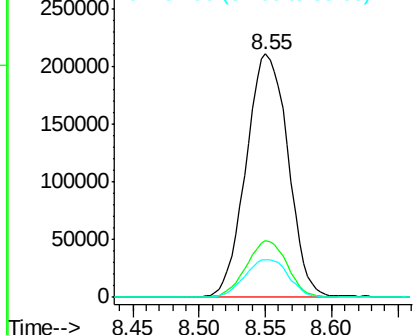
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064745.D
Acq: 19 Nov 2020 20:02

Instrument :
MSVOA_N
ClientSampled :
MW-6D

Tot Ion:114 Resp: 464441
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.0
88 15.6 0.0 31.2

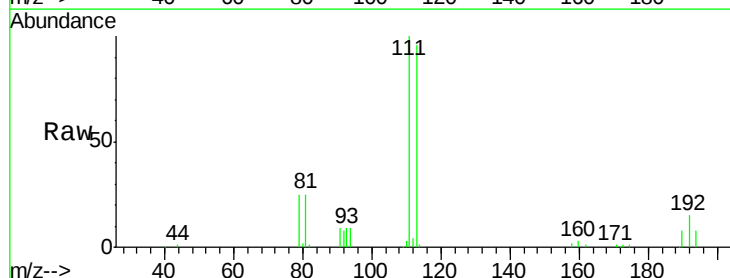


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

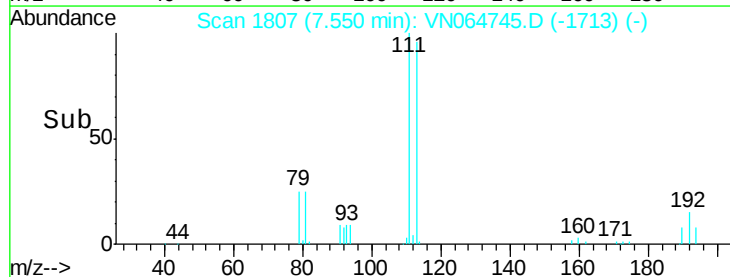
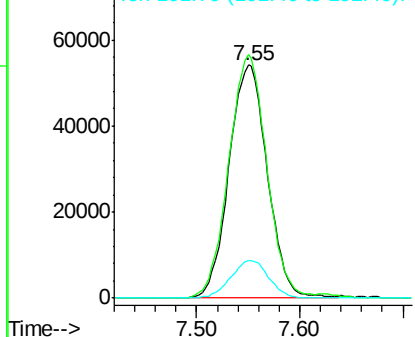


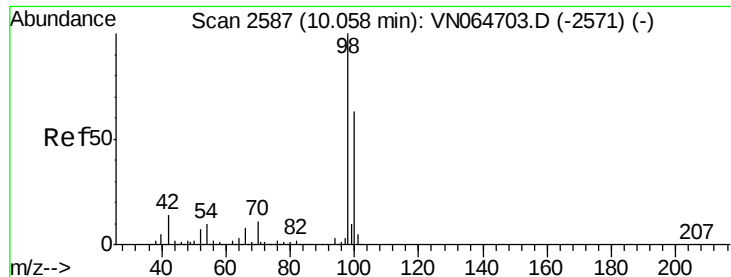
#35
Dibromofluoromethane
Concen: 53.098 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064745.D
Acq: 19 Nov 2020 20:02

Tgt Ion:113 Resp: 140362
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 15.8 12.7 19.1



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: 45.717 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064745.D

Acq: 19 Nov 2020 20:02

Instrument :

MSVOA_N

ClientSampleId :

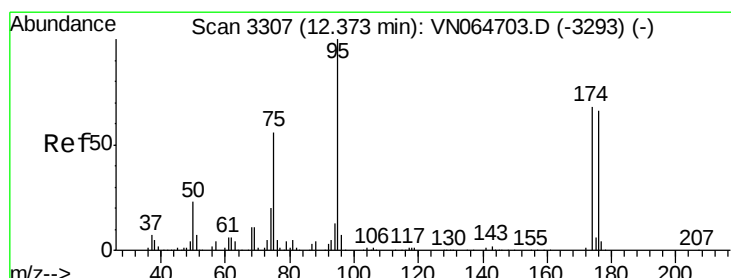
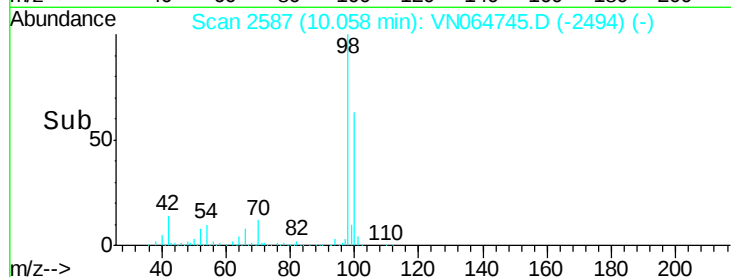
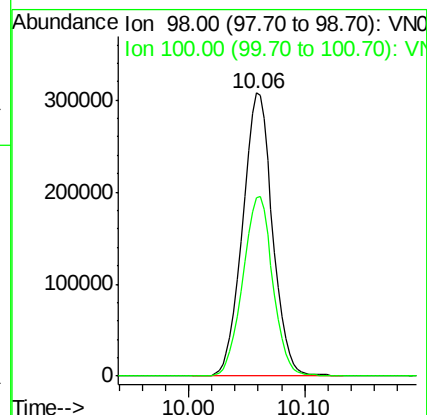
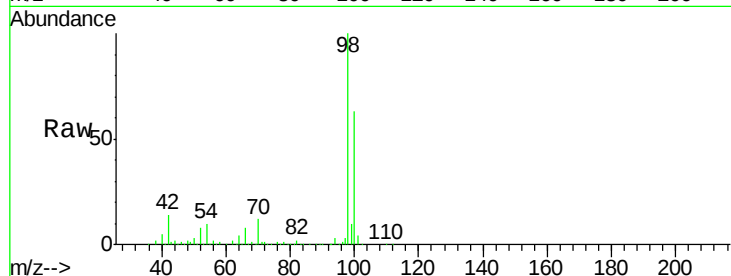
MW-6D

Tot Ion: 98 Resp: 549254

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 48.379 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064745.D

Acq: 19 Nov 2020 20:02

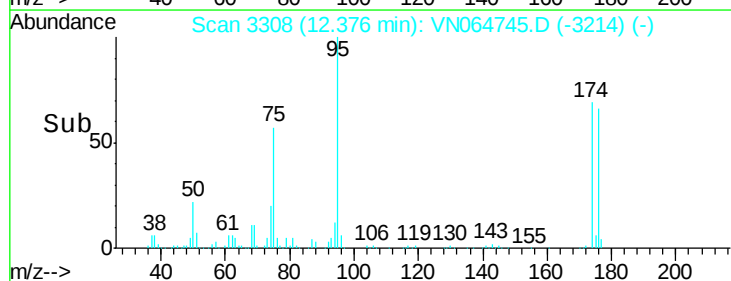
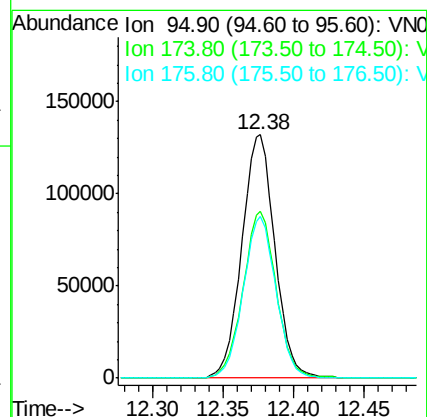
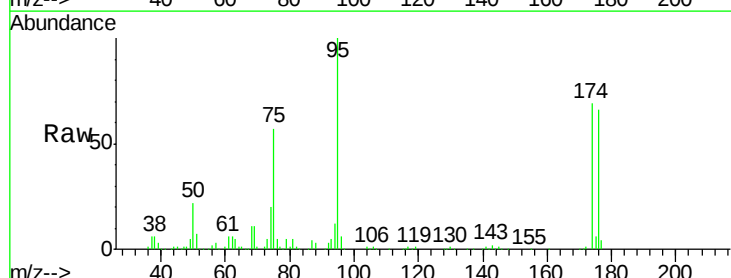
Tgt Ion: 95 Resp: 217253

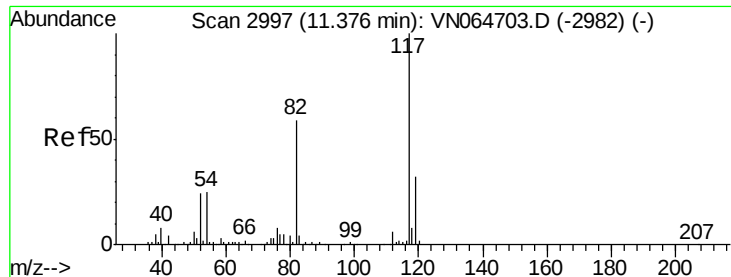
Ion Ratio Lower Upper

95 100

174 68.7 0.0 136.8

176 65.6 0.0 134.2

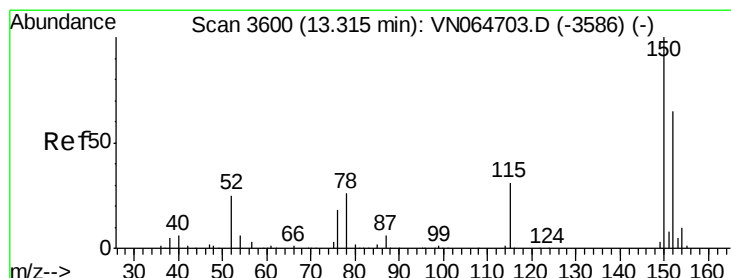
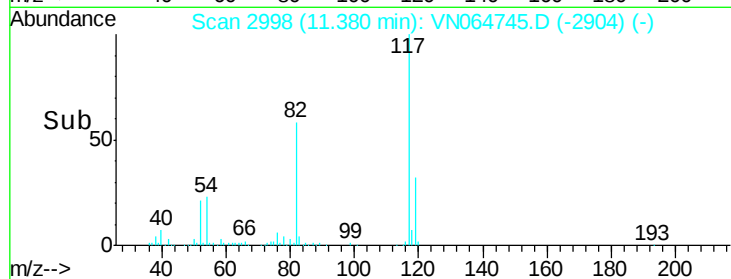
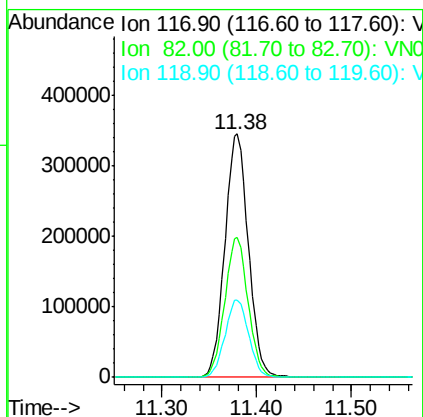
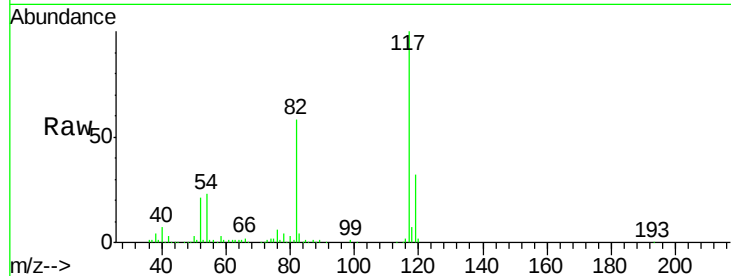




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064745.D
Acq: 19 Nov 2020 20:02

Instrument :
MSVOA_N
ClientSampleId :
MW-6D

Tot Ion:117 Resp: 597233
Ion Ratio Lower Upper
117 100
82 57.5 47.0 70.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064745.D
Acq: 19 Nov 2020 20:02

Tgt Ion:152 Resp: 182421
Ion Ratio Lower Upper
152 100
115 67.1 32.1 96.3
150 160.0 0.0 344.8

