

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064739.D
 Acq On : 19 Nov 2020 17:38
 Operator : JC/MD
 Sample : L4783-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Nov 20 05:02:44 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

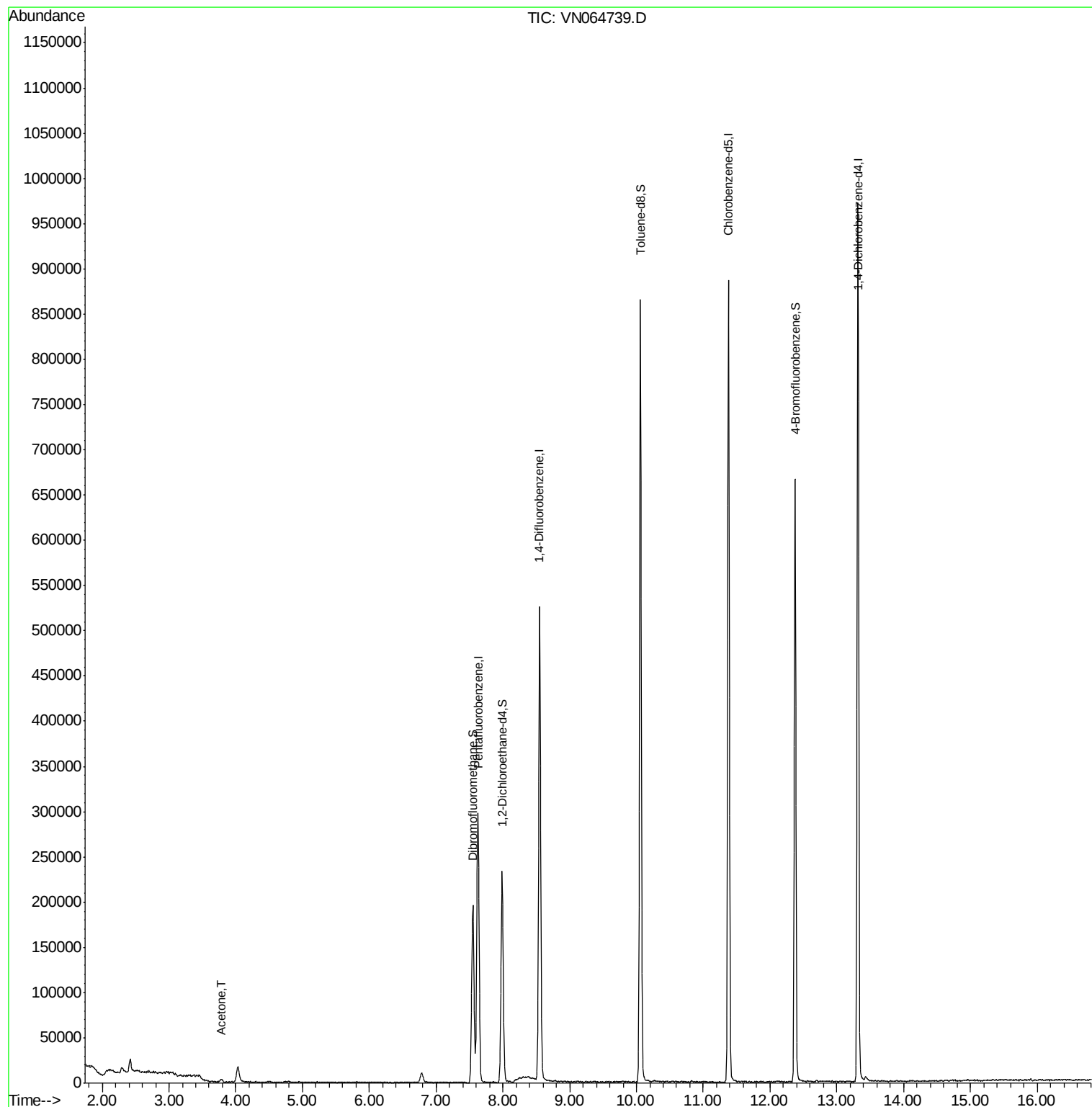
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211526	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
35) Dibromofluoromethane	7.55	113	143264	58.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.86%	
50) Toluene-d8	10.06	98	567720	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.37	95	222189	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
Target Compounds						
16) Acetone	3.78	43	4491	9.950	ug/l	Qvalue 95

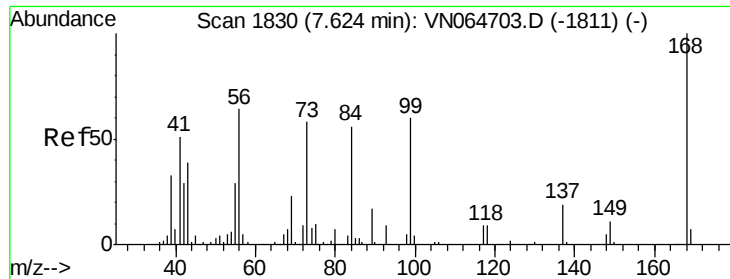
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064739.D

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Instrument :

MSVOA_N

ClientSampleId :

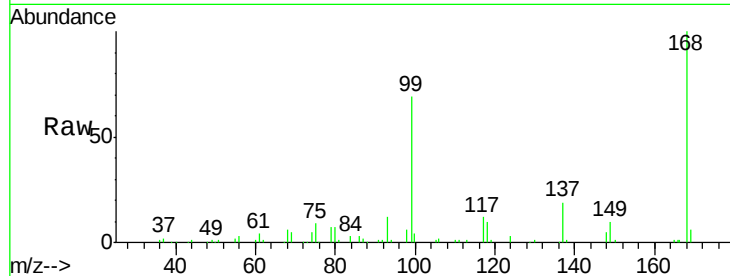
MW-11

Tot Ion:168 Resp: 211605

Ion Ratio Lower Upper

168 100

99 69.0 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

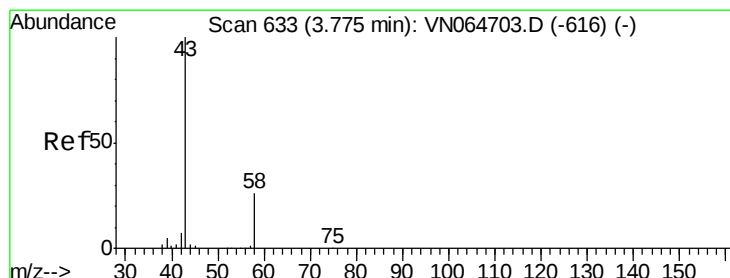
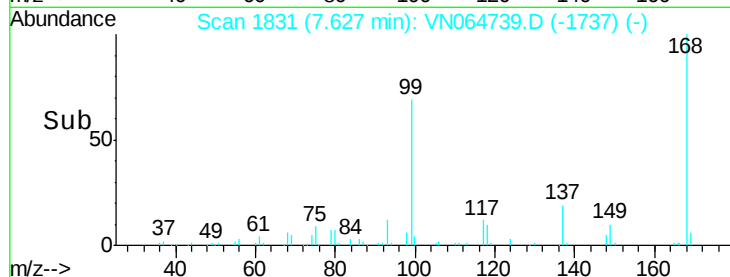
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.950 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064739.D

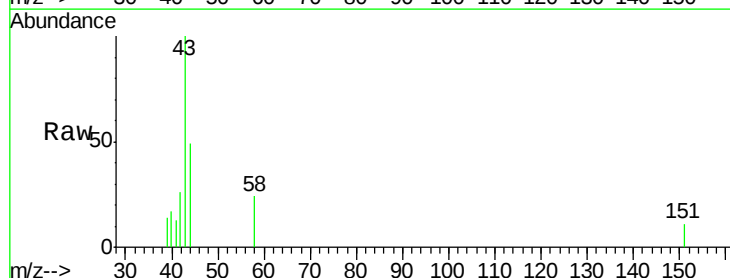
Acq: 19 Nov 2020 17:38

Tgt Ion: 43 Resp: 4491

Ion Ratio Lower Upper

43 100

58 23.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

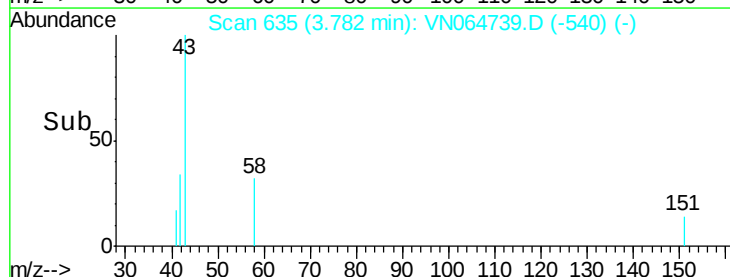
1500

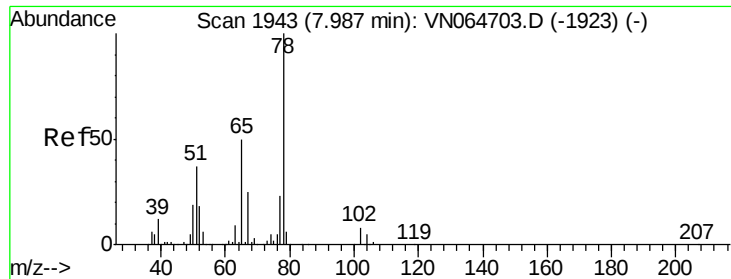
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 56.824 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064739.D

Acq: 19 Nov 2020 17:38

Instrument :

MSVOA_N

ClientSampleId :

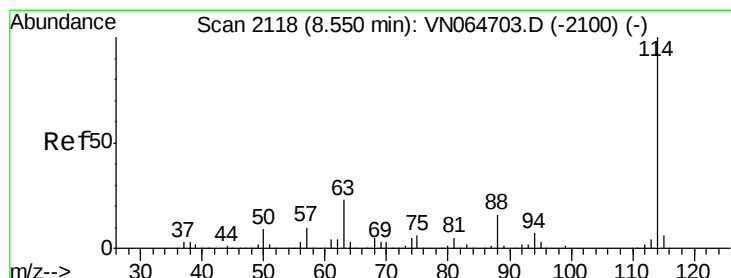
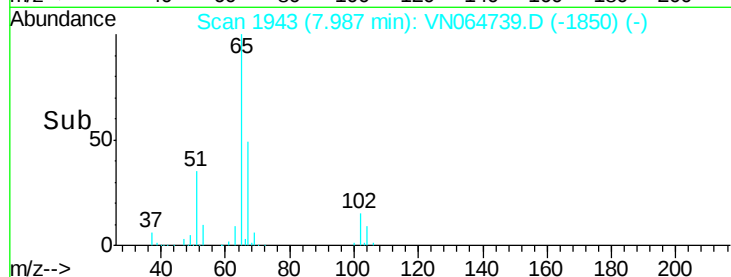
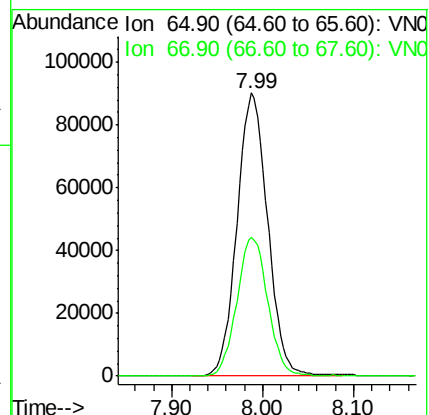
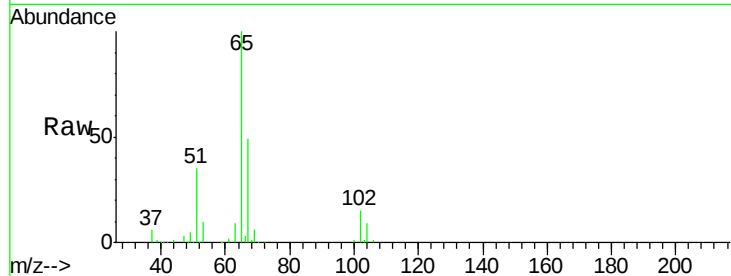
MW-11

Tot Ion: 65 Resp: 211526

Ion Ratio Lower Upper

65 100

67 49.2 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: VN064739.D

Acq: 19 Nov 2020 17:38

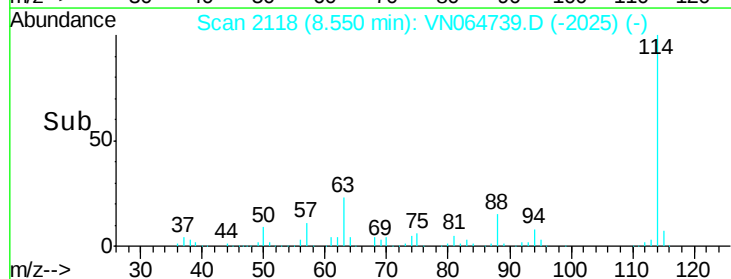
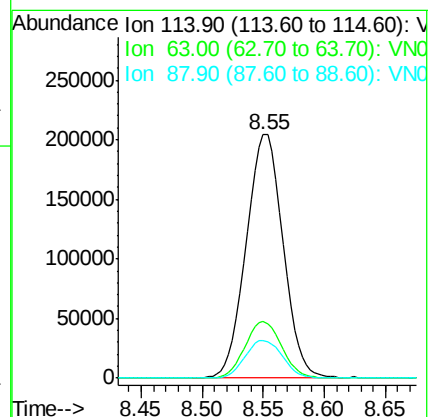
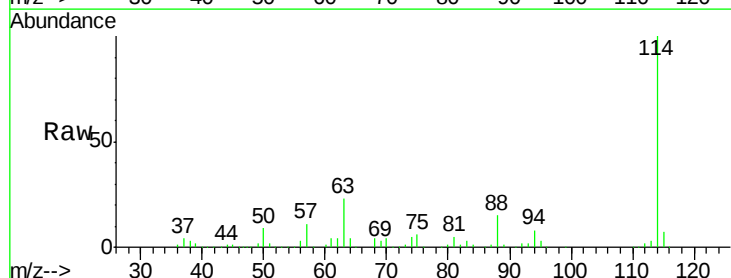
Tgt Ion: 114 Resp: 427133

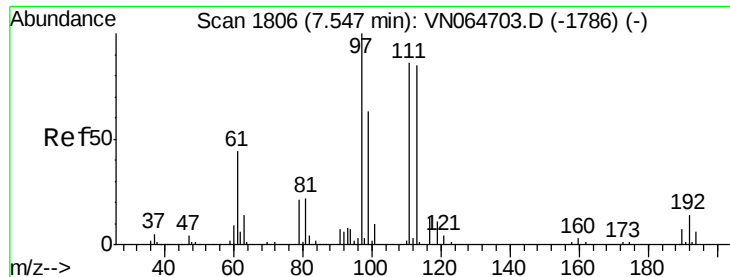
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.0

88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 58.929 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064739.D

Acq: 19 Nov 2020 17:38

Instrument :

MSVOA_N

ClientSampleId :

MW-11

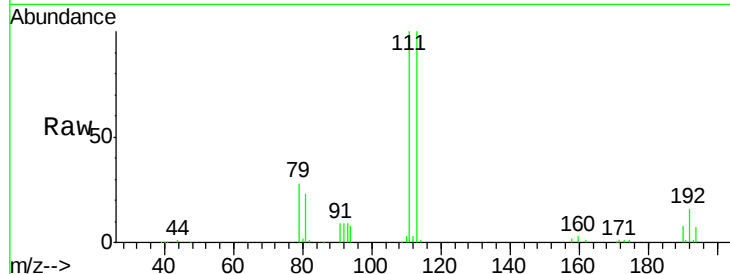
Tot Ion:113 Resp: 143264

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

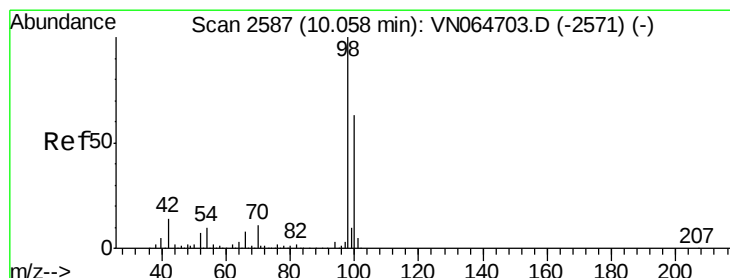
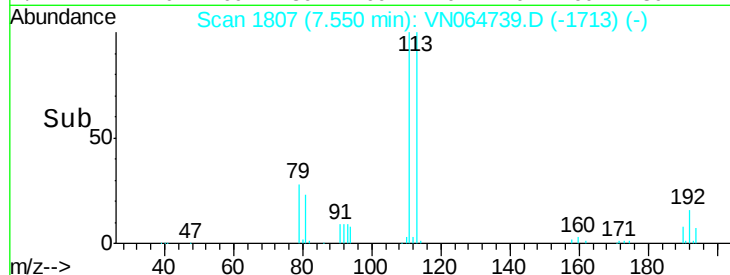
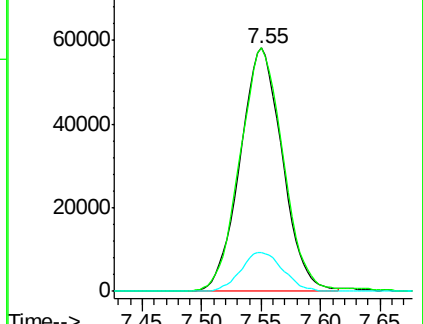
192 16.2 12.7 19.1



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: 51.382 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064739.D

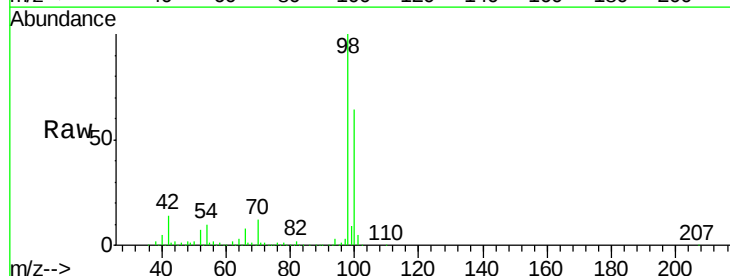
Acq: 19 Nov 2020 17:38

Tgt Ion: 98 Resp: 567720

Ion Ratio Lower Upper

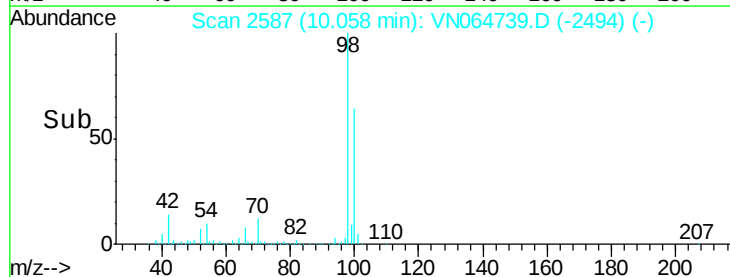
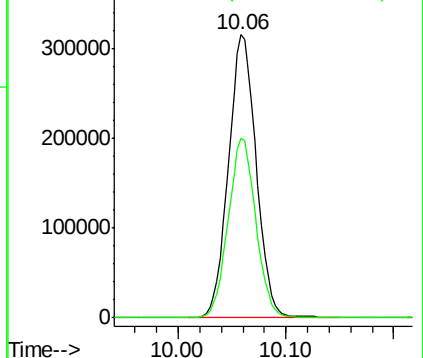
98 100

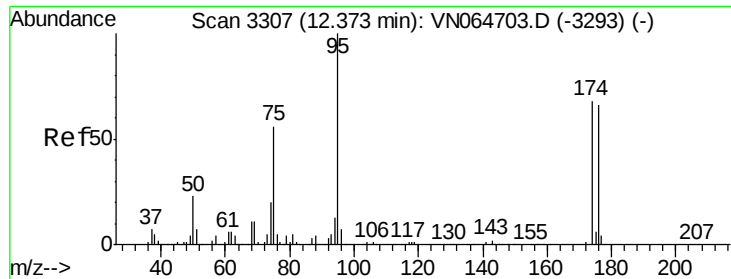
100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

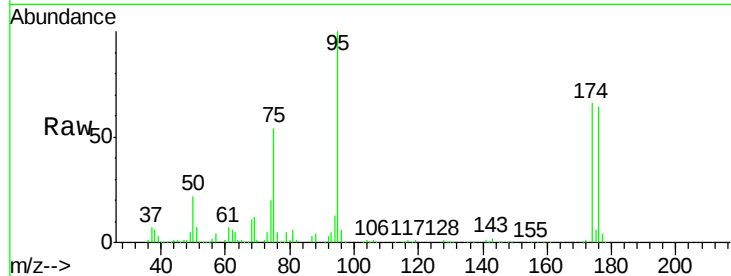




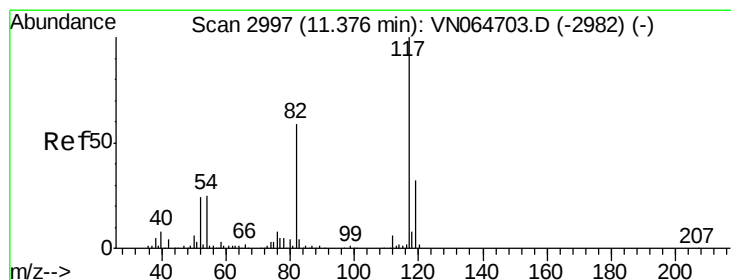
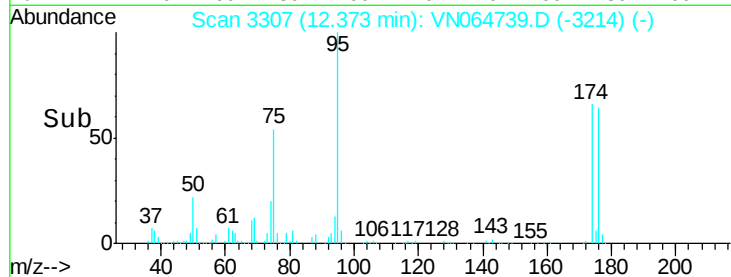
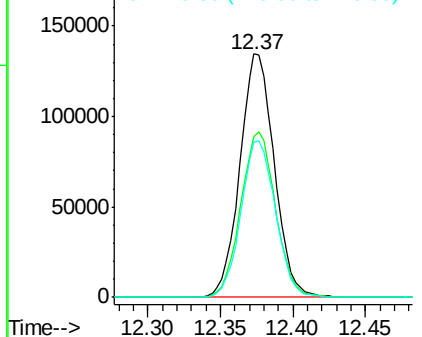
#62
 4-Bromofluorobenzene
 Concen: 53.800 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064739.D
 Acq: 19 Nov 2020 17:38

Instrument :
 MSVOA_N
 ClientSampled :
 MW-11

Tot Ion: 95 Resp: 222189
 Ion Ratio Lower Upper
 95 100
 174 69.0 0.0 136.8
 176 64.6 0.0 134.2

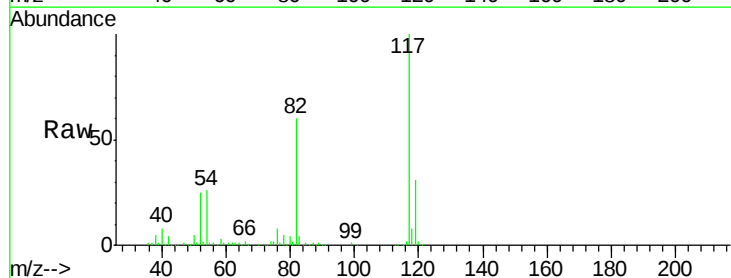


Abundance Ion 94.90 (94.60 to 95.60): VN064739.D (-3214) (-)
 Ion 173.80 (173.50 to 174.50): VN064739.D (-3214) (-)
 Ion 175.80 (175.50 to 176.50): VN064739.D (-3214) (-)

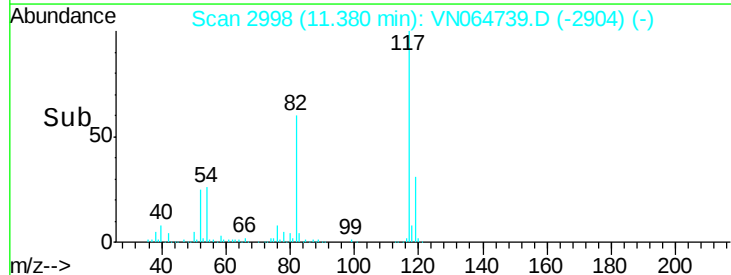
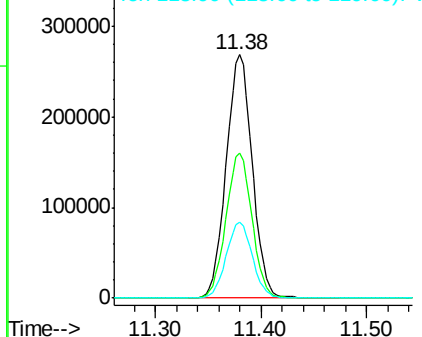


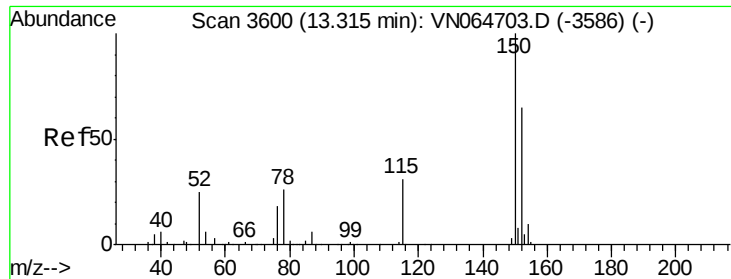
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064739.D
 Acq: 19 Nov 2020 17:38

Tgt Ion: 117 Resp: 459075
 Ion Ratio Lower Upper
 117 100
 82 59.7 47.0 70.6
 119 31.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN064739.D (-2904) (-)
 Ion 82.00 (81.70 to 82.70): VN064739.D (-2904) (-)
 Ion 118.90 (118.60 to 119.60): VN064739.D (-2904) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064739.D

Acq: 19 Nov 2020 17:38

Instrument :

MSVOA_N

ClientSampleId :

MW-11

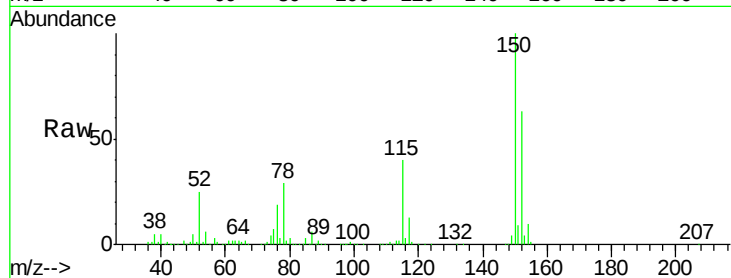
Tot Ion:152 Resp: 245127

Ion Ratio Lower Upper

152 100

115 66.0 32.1 96.3

150 157.8 0.0 344.8



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

