

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064740.D
 Acq On : 19 Nov 2020 18:02
 Operator : JC/MD
 Sample : L4783-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: Nov 20 05:04:58 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

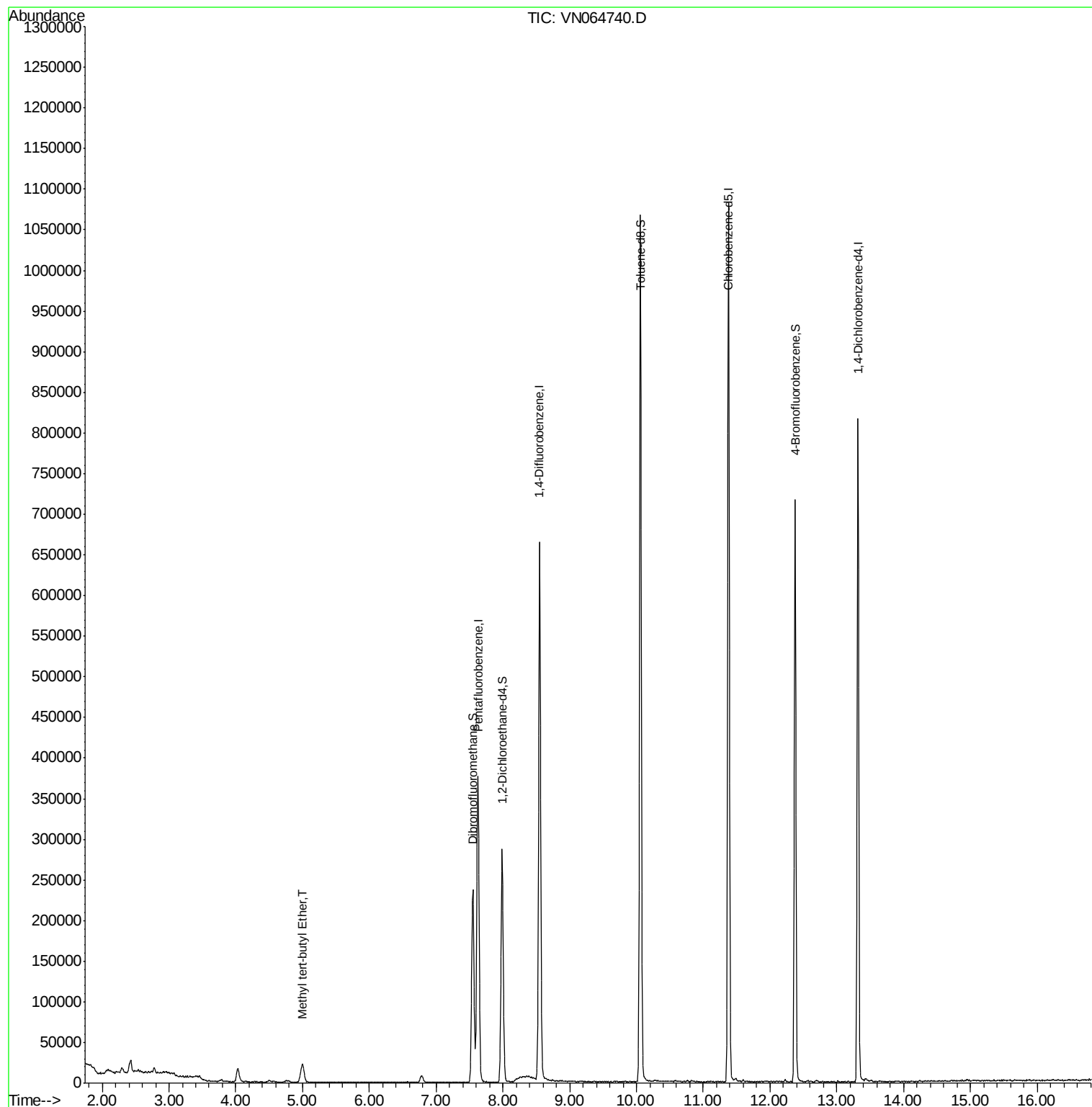
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	282359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	597103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	246596	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	7.55	113	184491	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
50) Toluene-d8	10.06	98	729707	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.38	95	237596	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
19) Methyl tert-butyl Ether	5.00	73	33599	3.308	ug/l	Qvalue 100

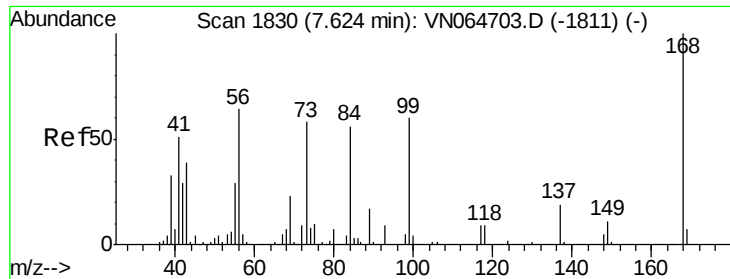
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064740.D

Acq: 19 Nov 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

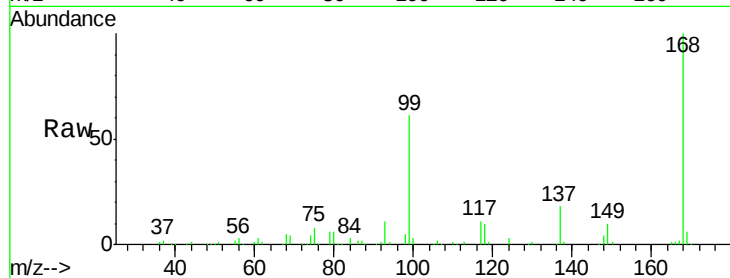
MW-16

Tot Ion:168 Resp: 282359

Ion Ratio Lower Upper

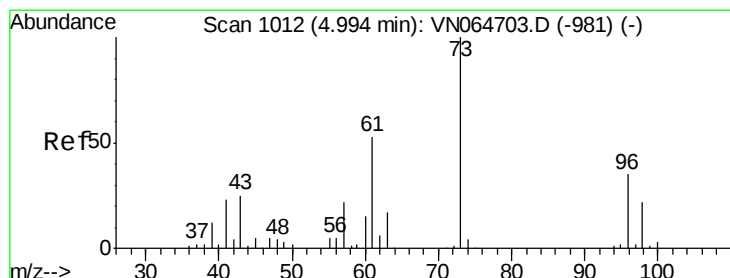
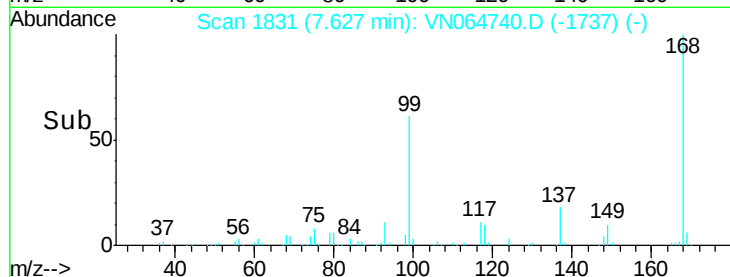
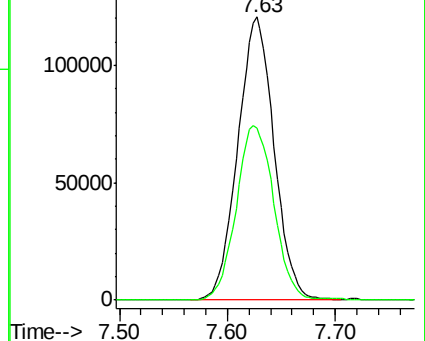
168 100

99 60.6 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#19

Methyl tert-butyl Ether

Concen: 3.308 ug/l

RT: 5.00 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VN064740.D

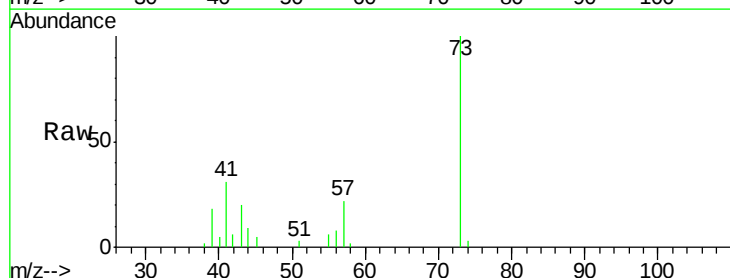
Acq: 19 Nov 2020 18:02

Tgt Ion: 73 Resp: 33599

Ion Ratio Lower Upper

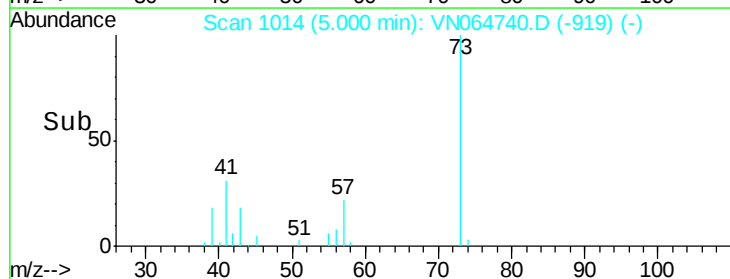
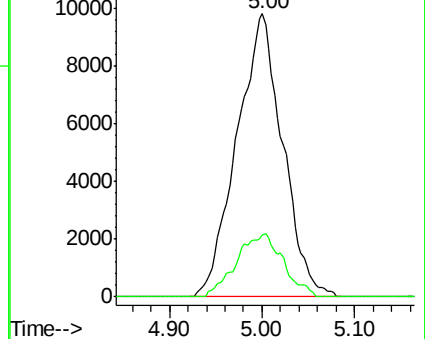
73 100

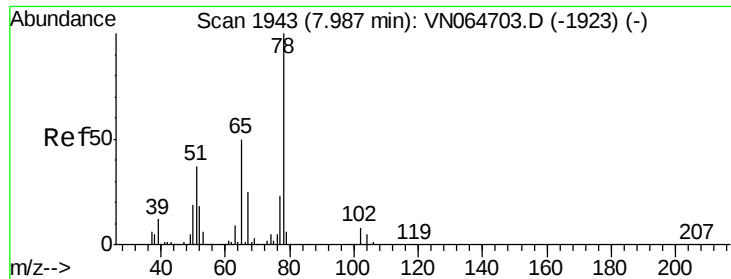
57 21.8 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

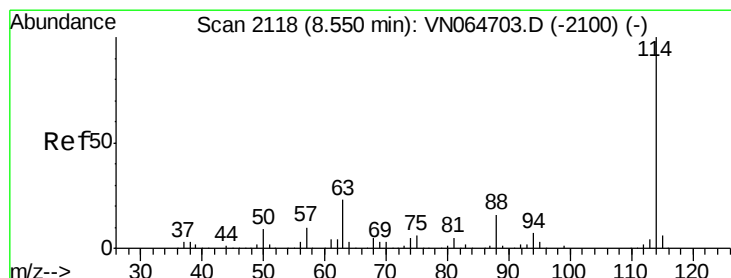
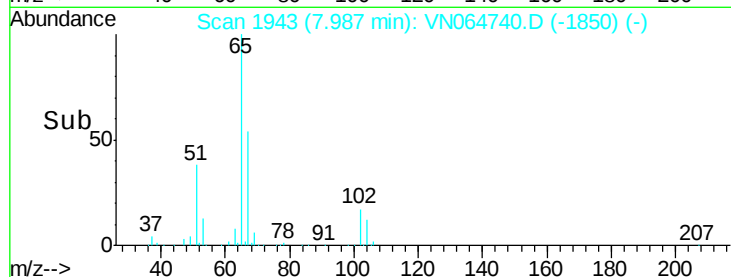
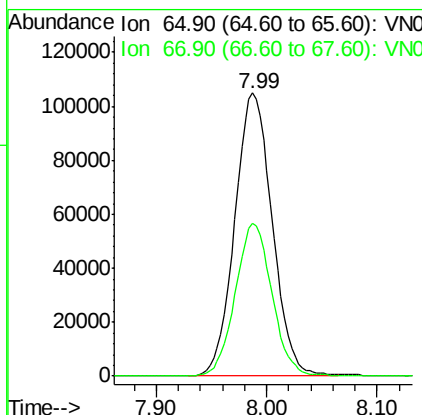
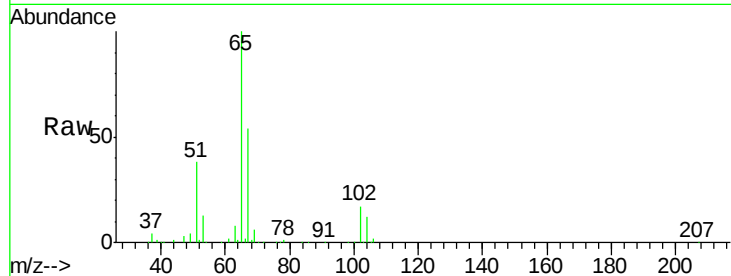




#33
 1,2-Dichloroethane-d4
 Concen: 49.645 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064740.D
 Acq: 19 Nov 2020 18:02

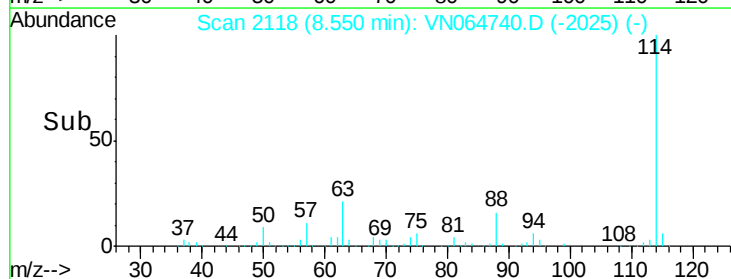
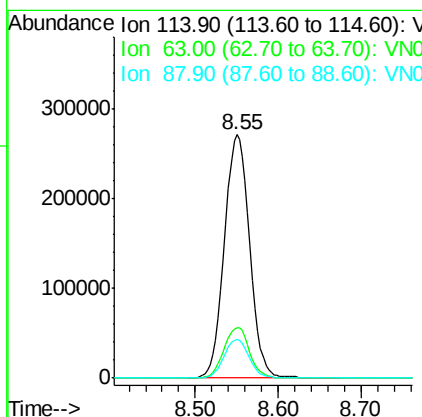
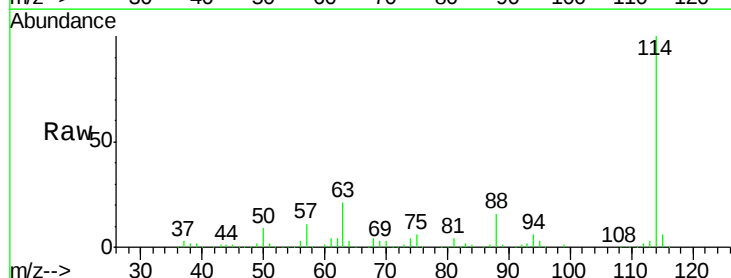
Instrument :
 MSVOA_N
 ClientSampled :
 MW-16

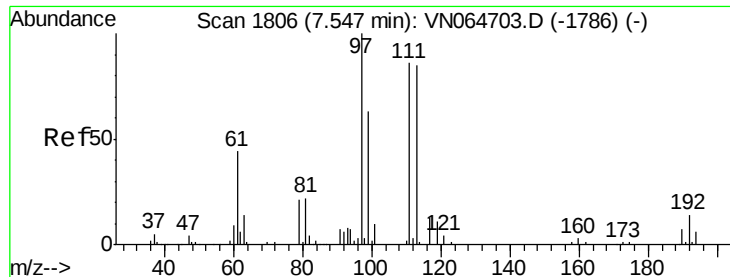
Tot Ion: 65 Resp: 246596
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064740.D
 Acq: 19 Nov 2020 18:02

Tgt Ion: 114 Resp: 575127
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 46.0
 88 15.8 0.0 31.2

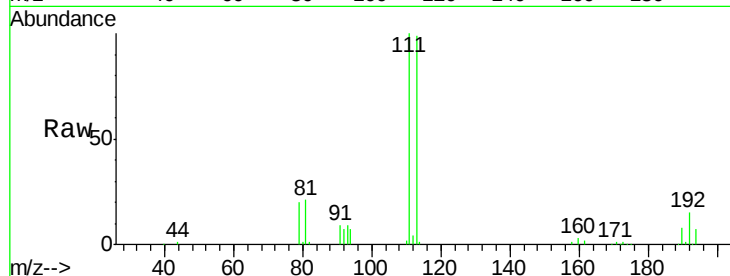




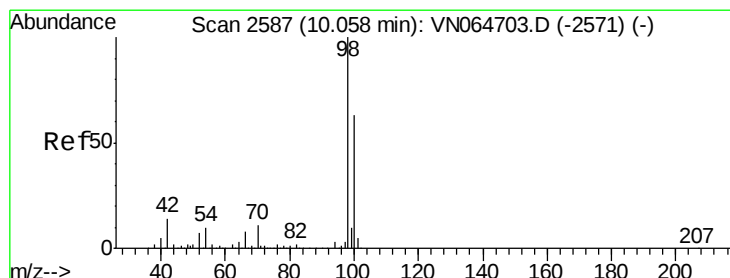
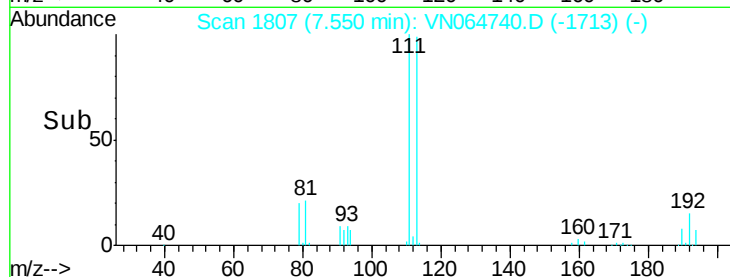
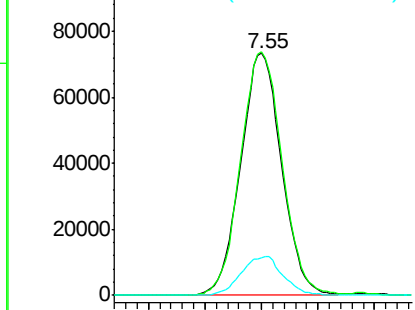
#35
 Dibromofluoromethane
 Concen: 56.359 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064740.D
 Acq: 19 Nov 2020 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Tot Ion:113 Resp: 184491
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 16.5 12.7 19.1

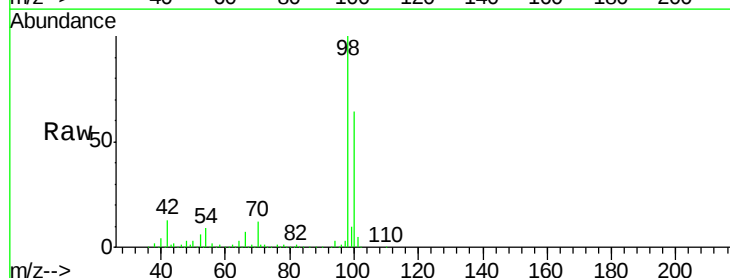


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

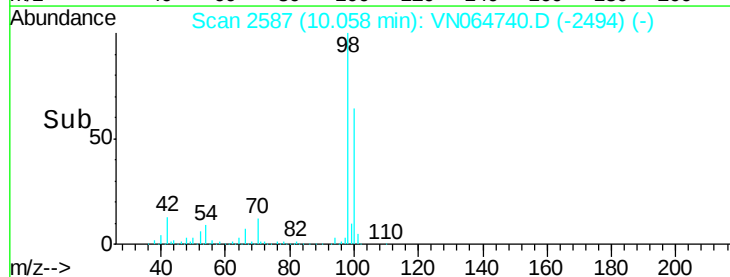
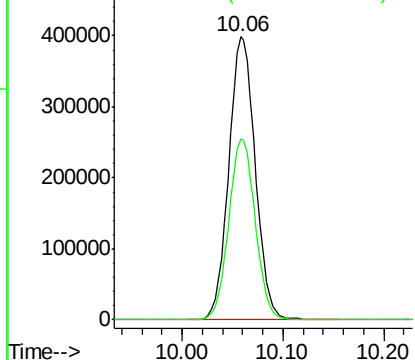


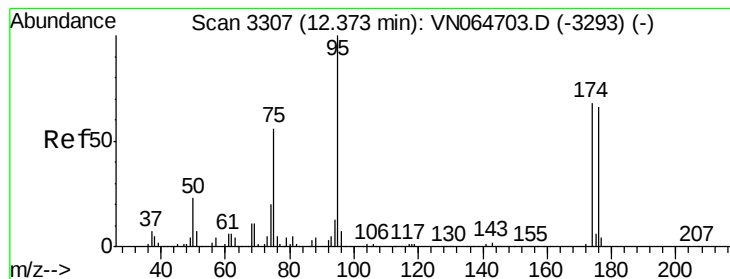
#50
 Toluene-d8
 Concen: 49.048 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064740.D
 Acq: 19 Nov 2020 18:02

Tgt Ion: 98 Resp: 729707
 Ion Ratio Lower Upper
 98 100
 100 63.8 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: 42.727 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064740.D

Acq: 19 Nov 2020 18:02

Instrument :

MSVOA_N

ClientSampled :

MW-16

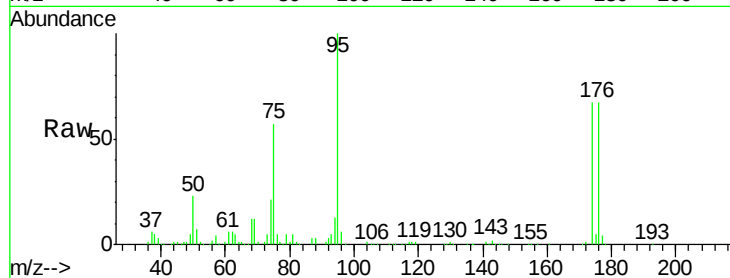
Tot Ion: 95 Resp: 237596

Ion Ratio Lower Upper

95 100

174 69.2 0.0 136.8

176 66.9 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064740.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064740.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064740.D (-3293) (-)

12.38

150000

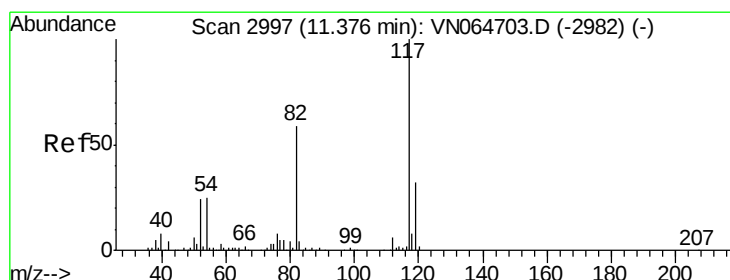
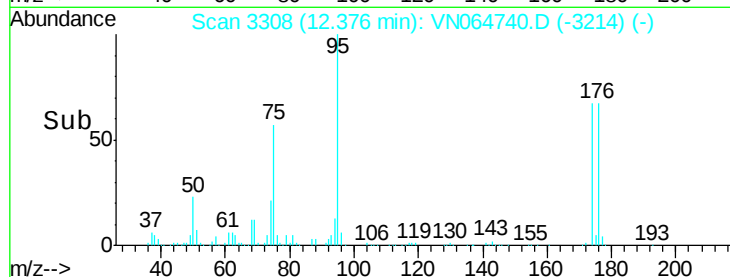
100000

50000

0

Time-->

12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064740.D

Acq: 19 Nov 2020 18:02

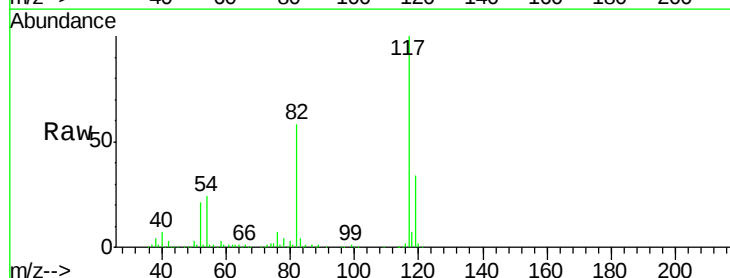
Tgt Ion: 117 Resp: 597103

Ion Ratio Lower Upper

117 100

82 58.2 47.0 70.6

119 33.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN064740.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN064740.D (-2982) (-)

Ion 118.90 (118.60 to 119.60): VN064740.D (-2982) (-)

11.38

400000

300000

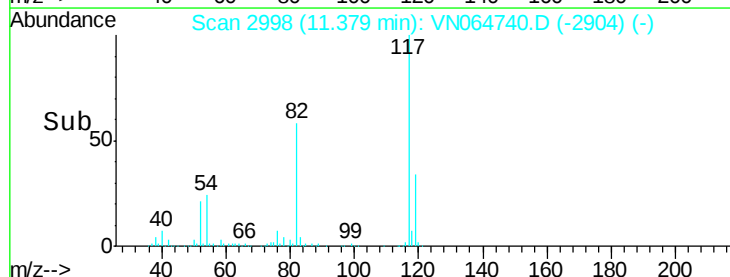
200000

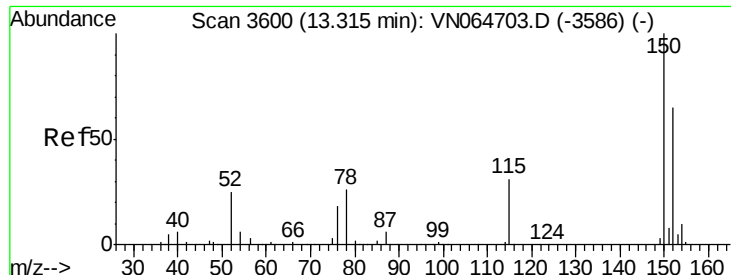
100000

0

Time-->

11.30 11.40

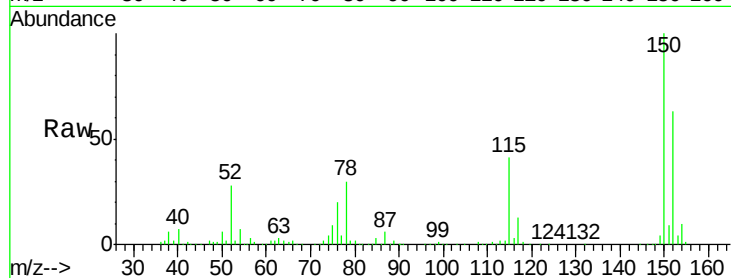




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN064740.D
 Acq: 19 Nov 2020 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.1	32.1	96.3
150	156.3	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

