

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064716.D
 Acq On : 18 Nov 2020 19:00
 Operator : JC/MD
 Sample : L4783-16 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Nov 19 14:21:42 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

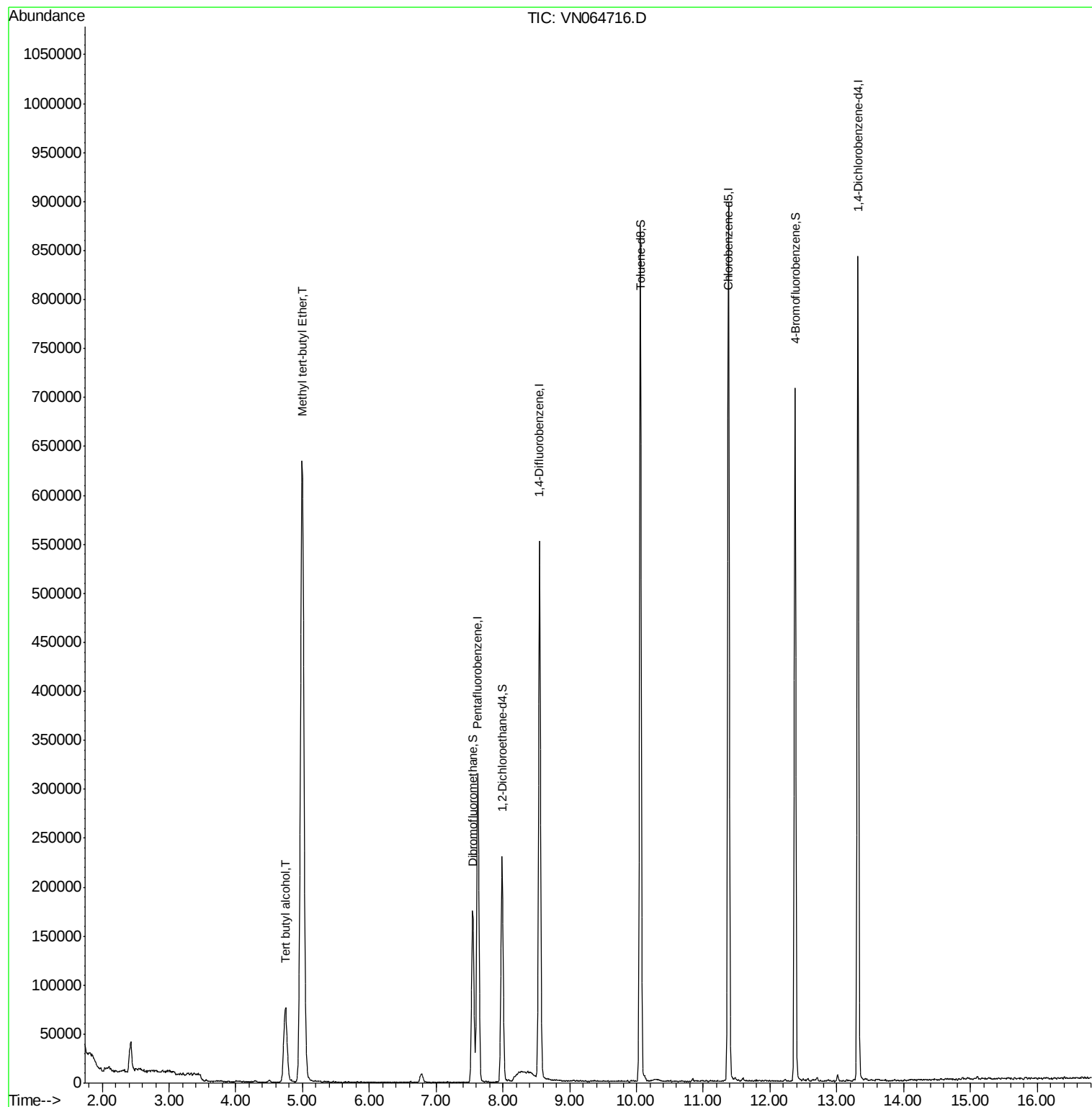
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	220914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207294	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
35) Dibromofluoromethane	7.55	113	130479	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.06	98	573007	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.38	95	237189	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
Target Compounds						
11) Tert butyl alcohol	4.75	59	133481	354.035	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1071694	134.852	ug/l	100

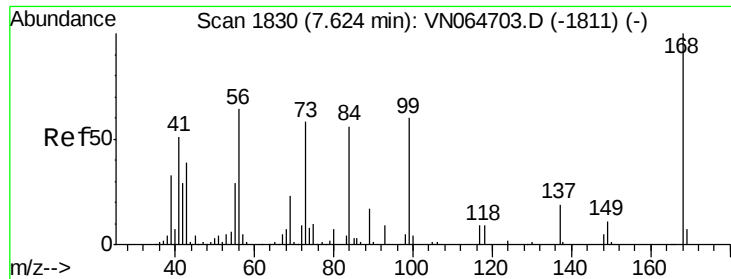
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064716.D
Acq On : 18 Nov 2020 19:00
Operator : JC/MD
Sample : L4783-16 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Time: Nov 19 14:21:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
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: VN064716.D

Acq: 18 Nov 2020 19:00

Instrument :

MSVOA_N

ClientSampled :

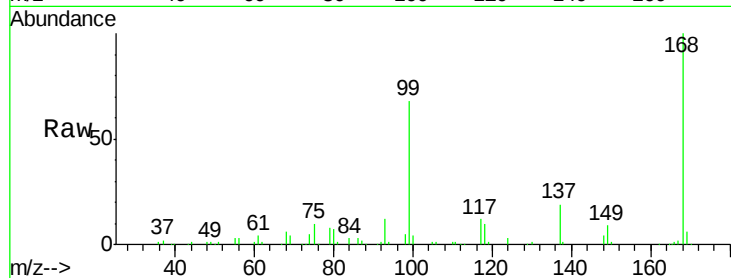
MW-6

Tot Ion:168 Resp: 220914

Ion Ratio Lower Upper

168 100

99 68.1 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

100000

80000

60000

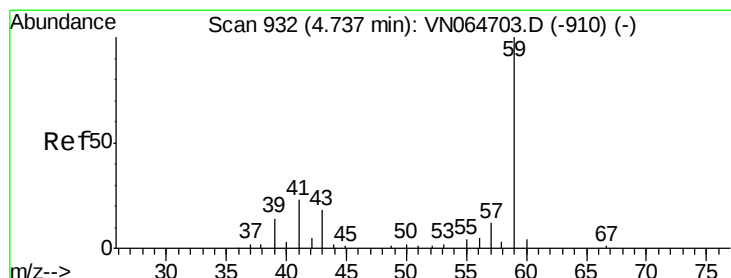
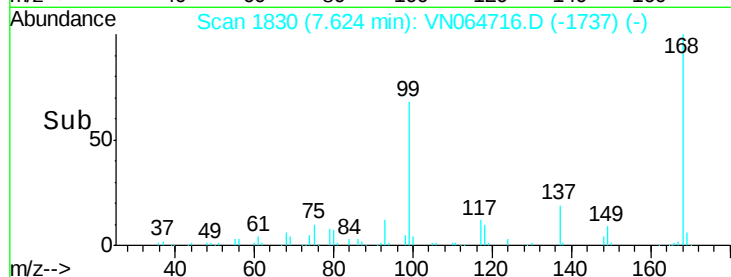
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 354.035 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN064716.D

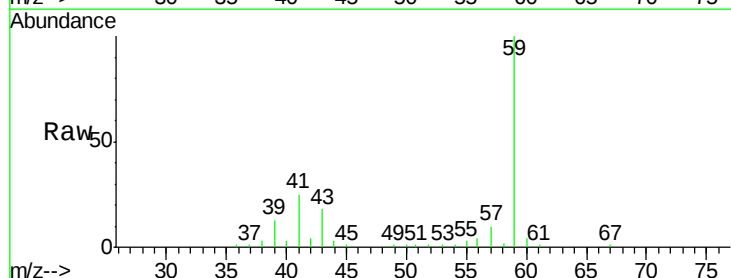
Acq: 18 Nov 2020 19:00

Tgt Ion: 59 Resp: 133481

Ion Ratio Lower Upper

59 100

57 10.7 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.75

40000

30000

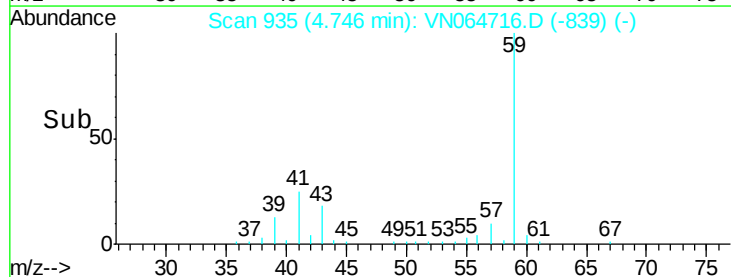
20000

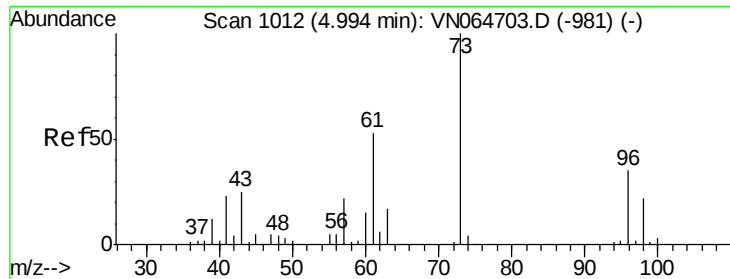
10000

0

Time-->

4.60 4.70 4.80

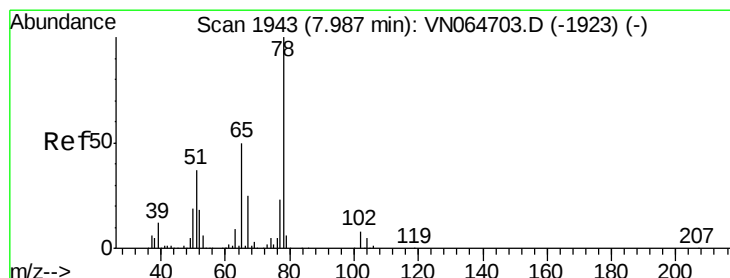
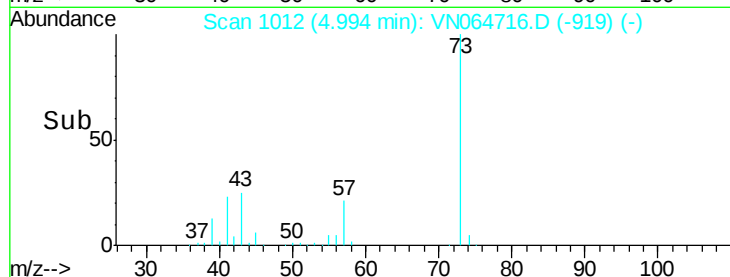
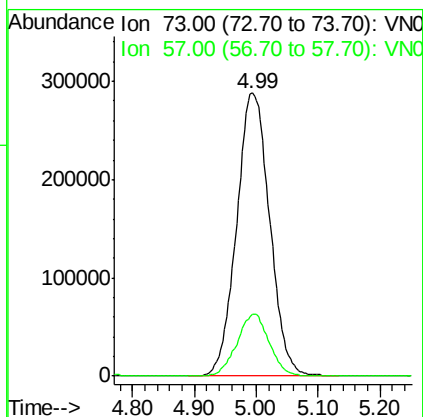
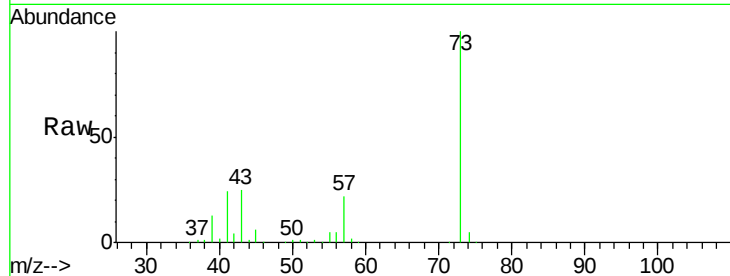




#19
Methvl tert-butvl Ether
Concen: 134.852 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

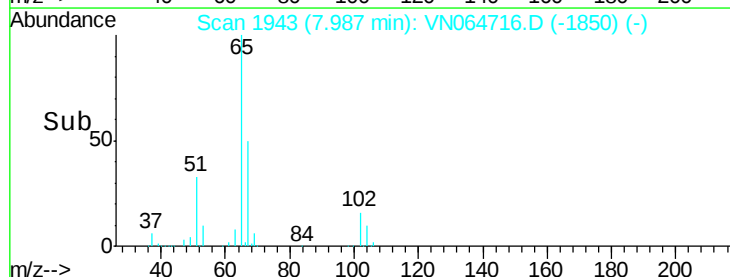
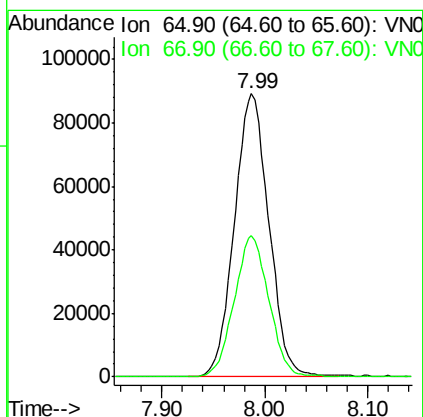
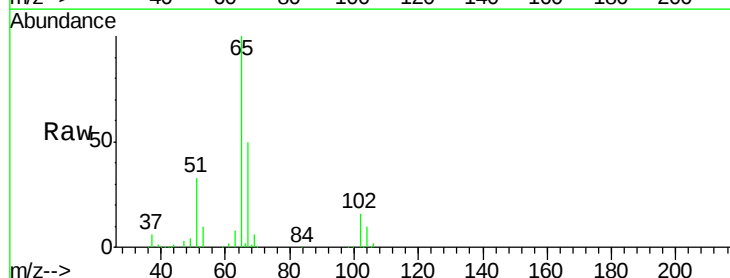
Instrument :
MSVOA_N
ClientSampleId :
MW-6

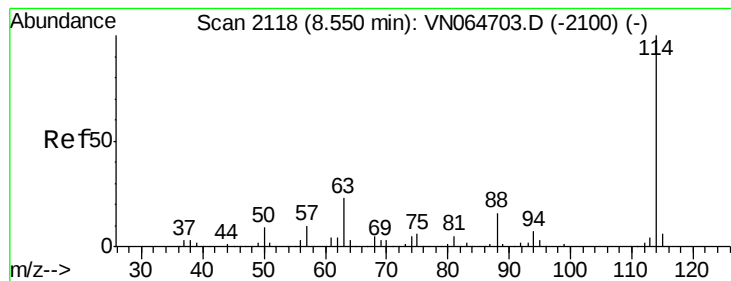
Tot Ion: 73 Resp: 1071694
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 53.341 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 65 Resp: 207294
Ion Ratio Lower Upper
65 100
67 50.0 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: VN064716.D

Acq: 18 Nov 2020 19:00

Instrument :

MSVOA_N

ClientSampled :

MW-6

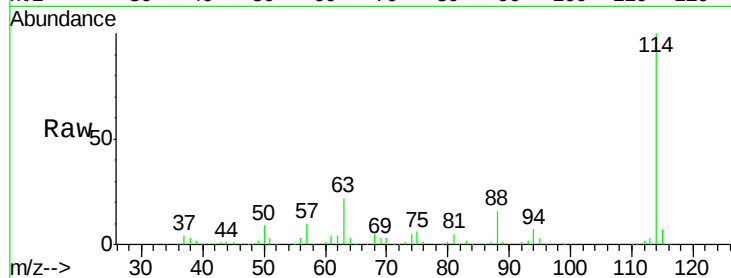
Tot Ion:114 Resp: 454371

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.0

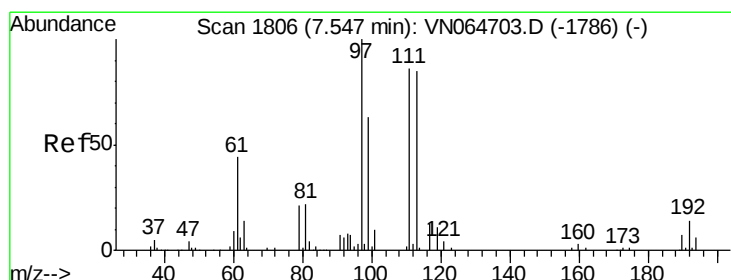
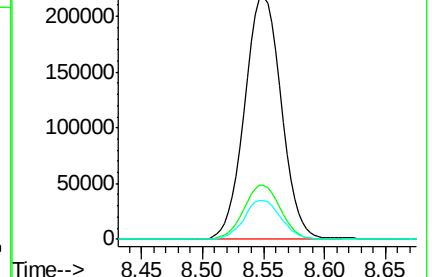
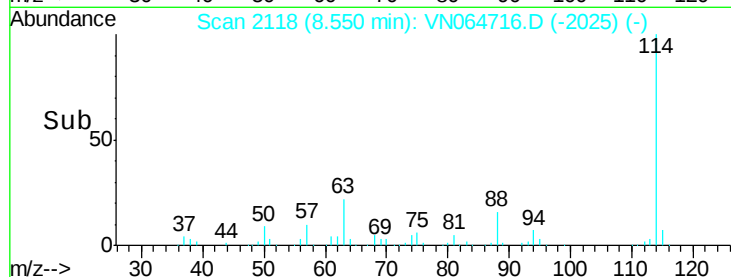
88 16.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.453 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064716.D

Acq: 18 Nov 2020 19:00

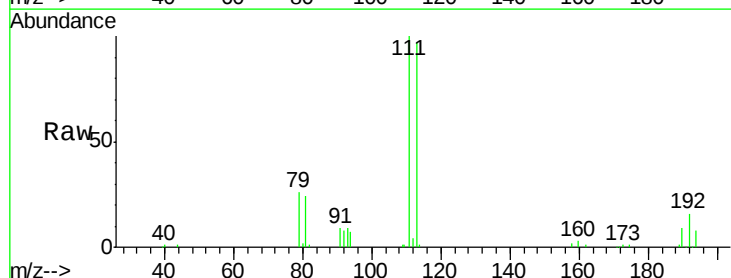
Tgt Ion:113 Resp: 130479

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

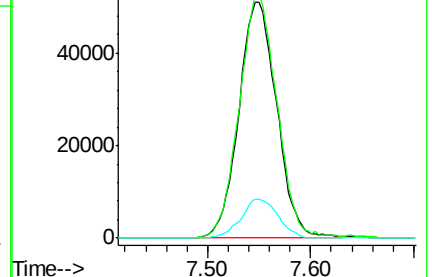
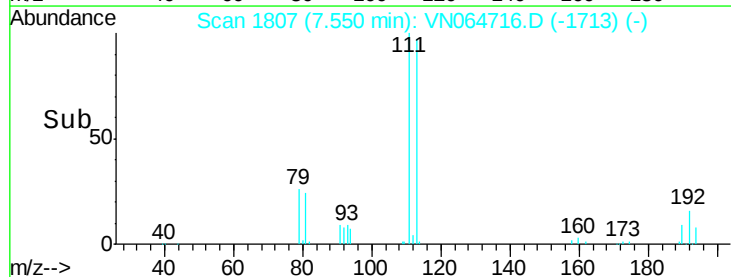
192 16.1 12.7 19.1

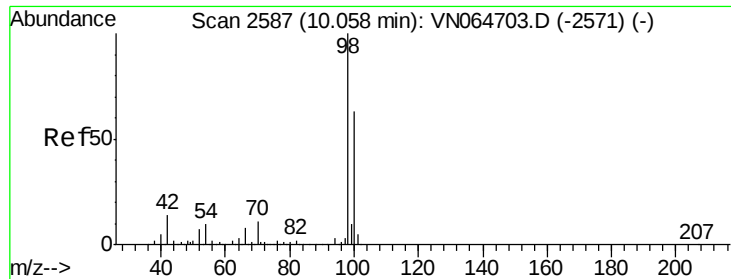


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.751 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064716.D

Acq: 18 Nov 2020 19:00

Instrument :

MSVOA_N

ClientSampled :

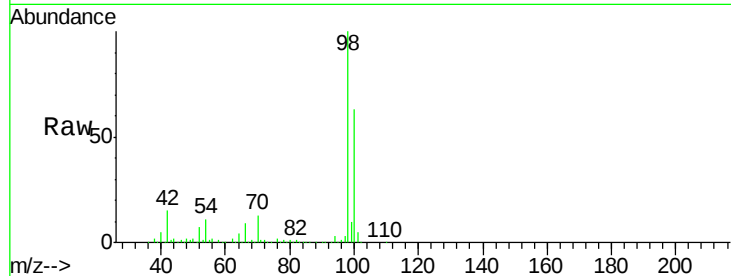
MW-6

Tot Ion: 98 Resp: 573007

Ion Ratio Lower Upper

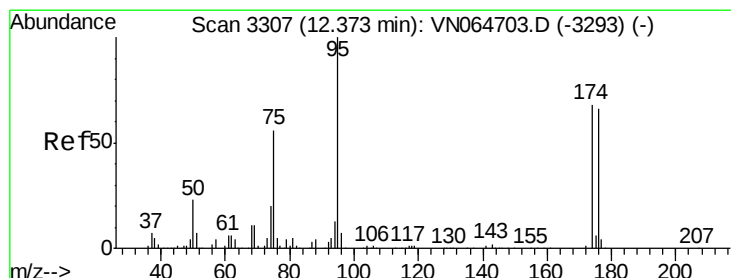
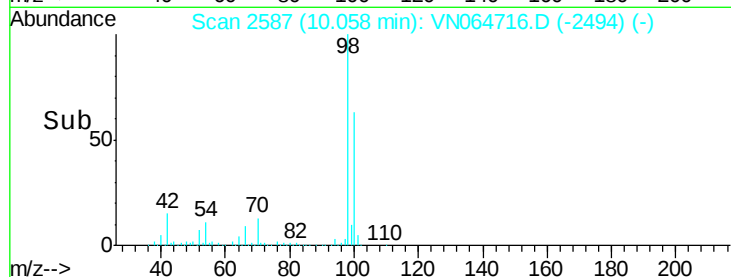
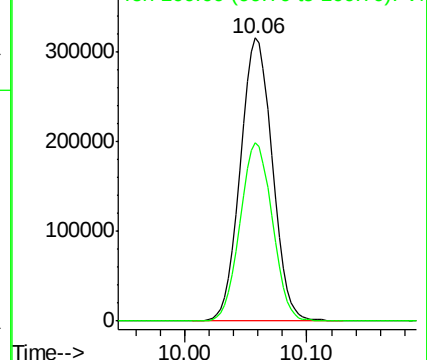
98 100

100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 53.989 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064716.D

Acq: 18 Nov 2020 19:00

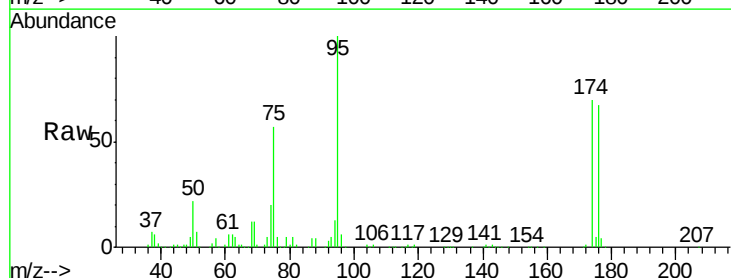
Tgt Ion: 95 Resp: 237189

Ion Ratio Lower Upper

95 100

174 67.9 0.0 136.8

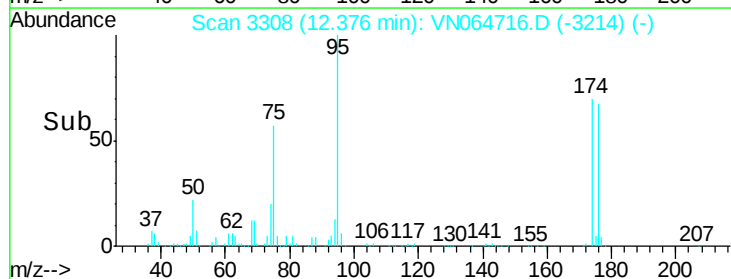
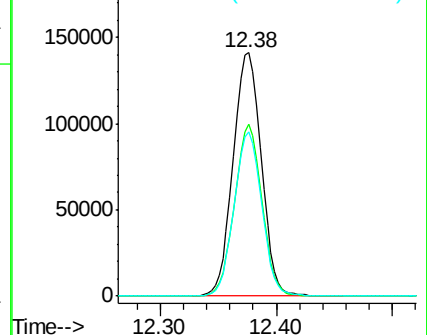
176 65.8 0.0 134.2

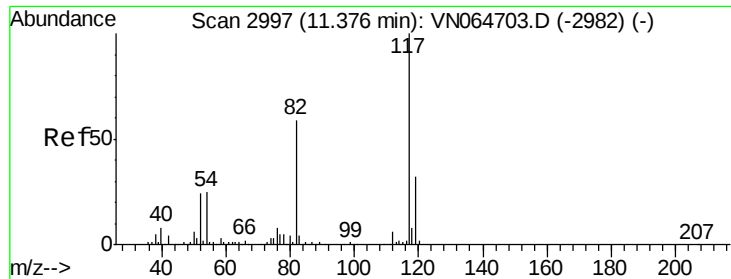


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

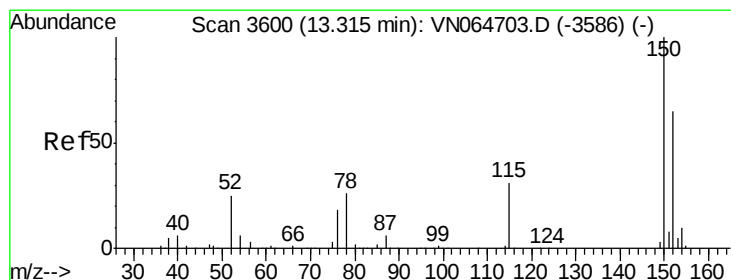
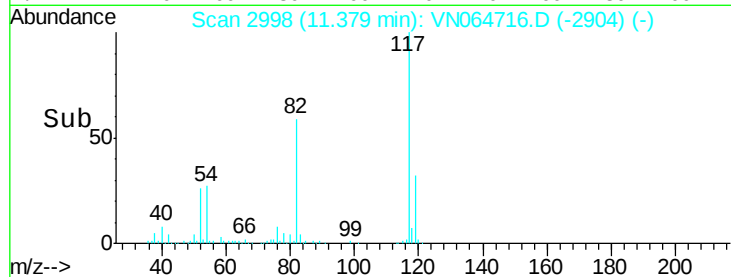
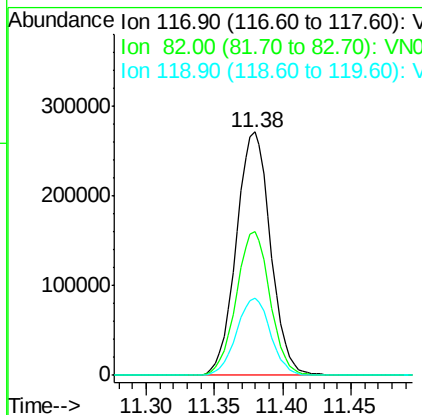
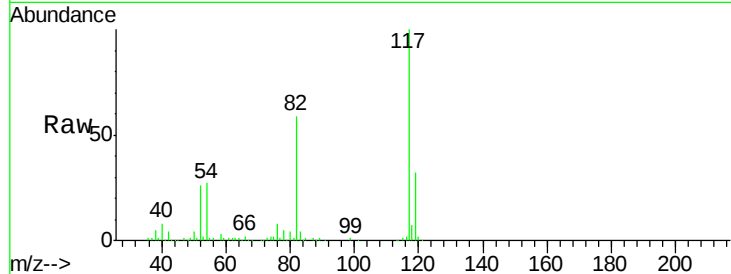




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampled :
MW-6

Tot Ion:117 Resp: 473146
Ion Ratio Lower Upper
117 100
82 59.2 47.0 70.6
119 31.8 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: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion:152 Resp: 203830
Ion Ratio Lower Upper
152 100
115 65.4 32.1 96.3
150 154.2 0.0 344.8

