

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111820\
 Data File : VN064709.D
 Acq On : 18 Nov 2020 16:09
 Operator : JC/MD
 Sample : VN1118MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBL01

Quant Time: Nov 18 18:05:21 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	212817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	452008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	205142	54.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.60%	
35) Dibromofluoromethane	7.55	113	134708	53.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.00%	
50) Toluene-d8	10.05	98	560597	48.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.37	95	218601	51.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.22%	

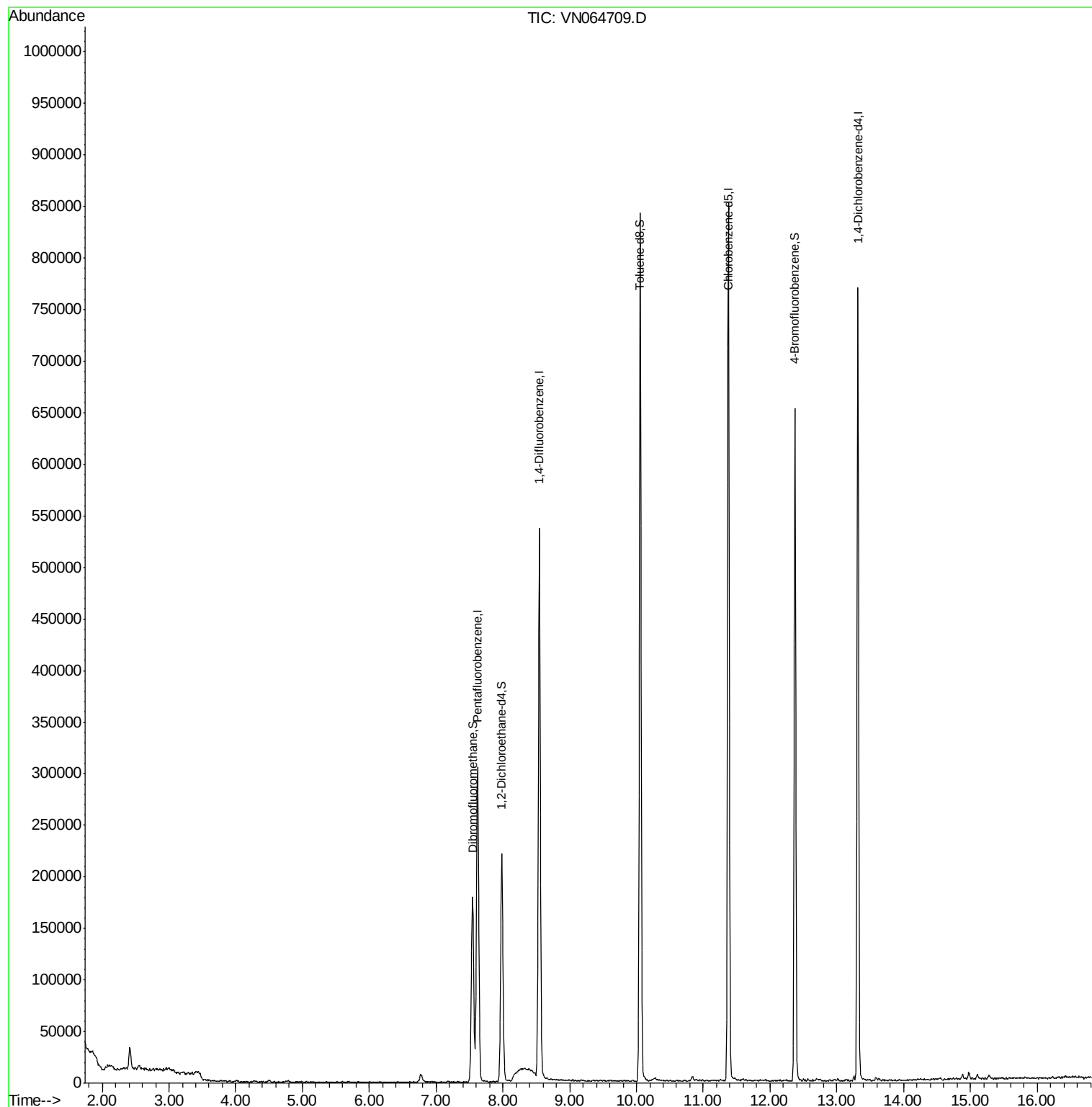
Target Compounds	Qvalue

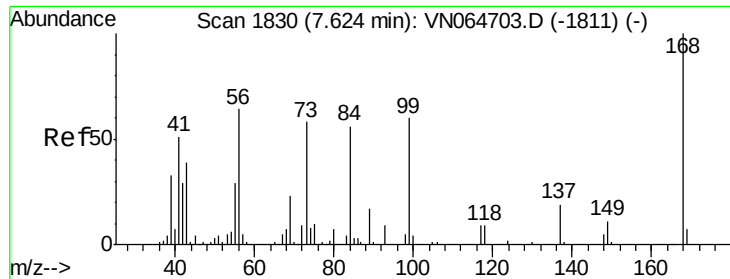
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064709.D

Acq: 18 Nov 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

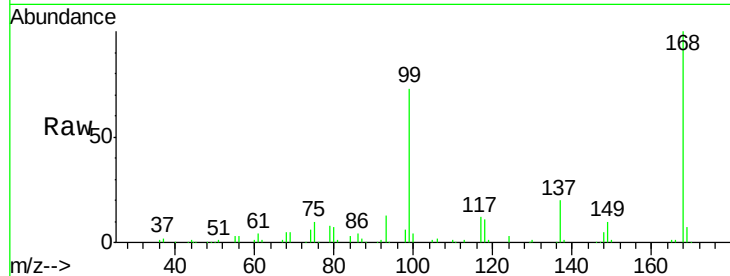
VN1118MBL01

Tot Ion:168 Resp: 212817

Ion Ratio Lower Upper

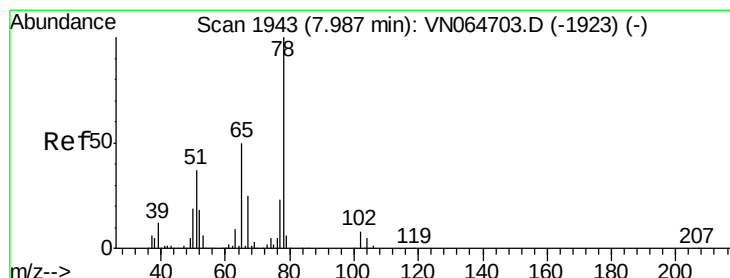
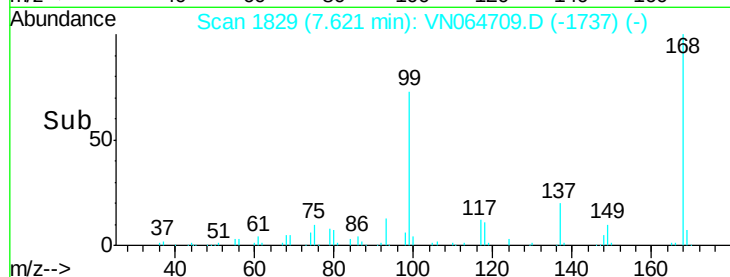
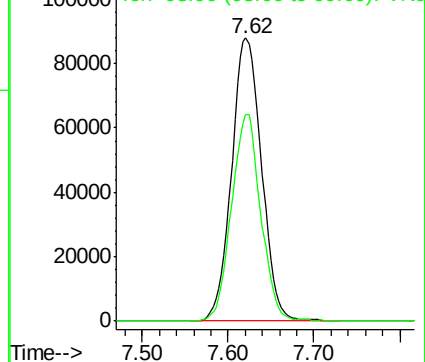
168 100

99 73.1 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.795 ug/l

RT: 7.98 min Scan# 1941

Delta R.T. -0.01 min

Lab File: VN064709.D

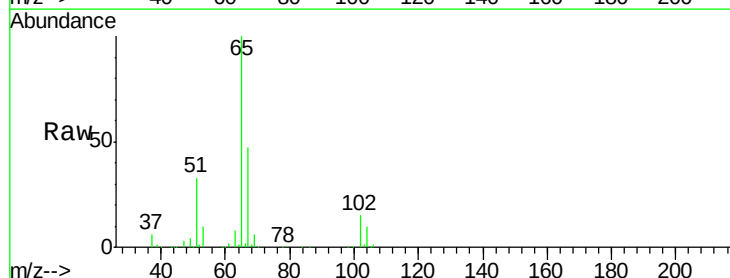
Acq: 18 Nov 2020 16:09

Tgt Ion: 65 Resp: 205142

Ion Ratio Lower Upper

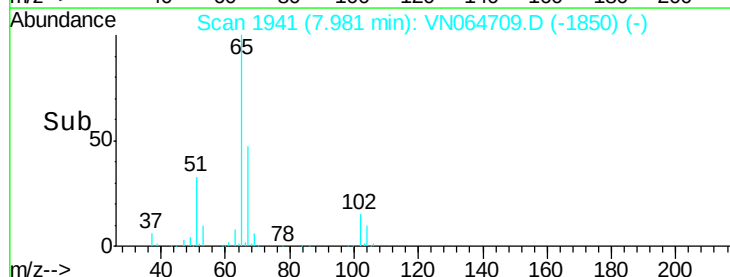
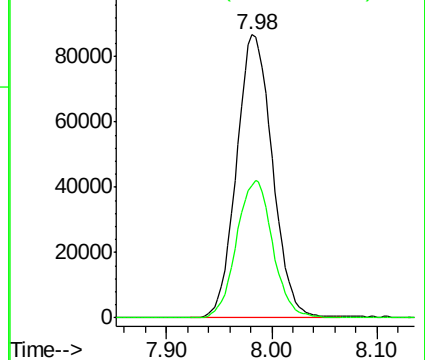
65 100

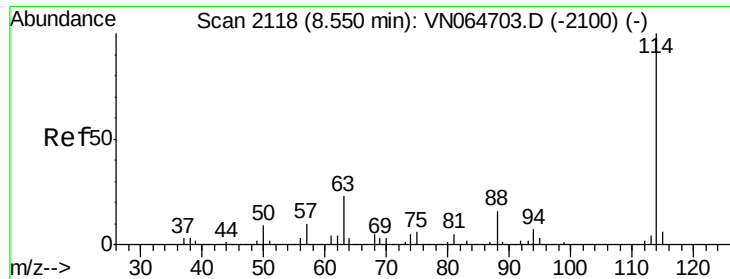
67 48.9 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064709.D

Acq: 18 Nov 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN1118MBL01

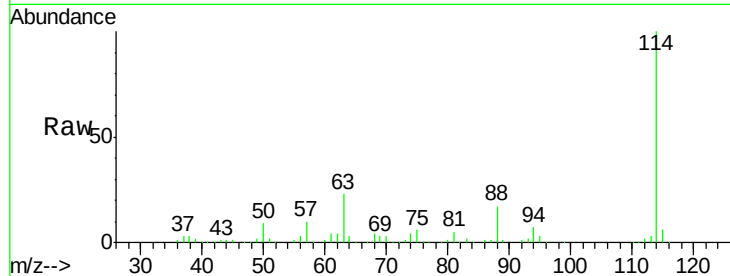
Tot Ion:114 Resp: 442356

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.0

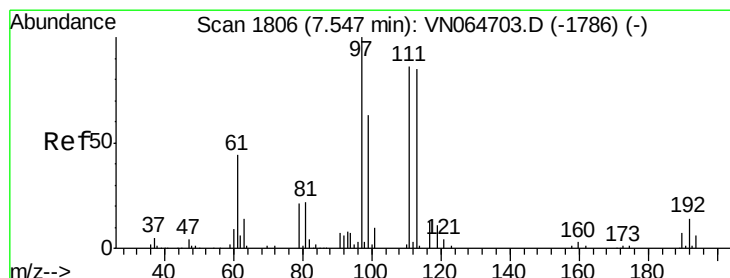
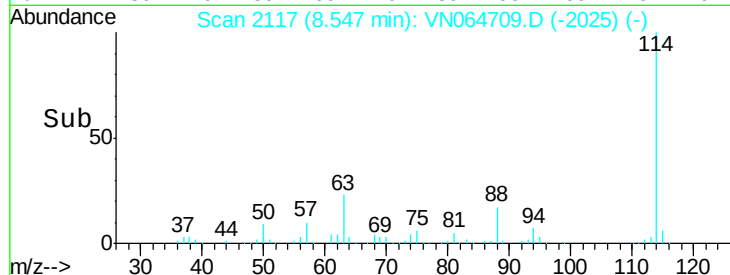
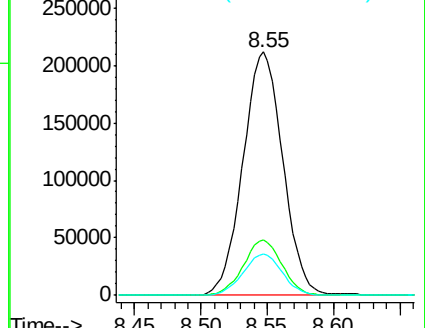
88 16.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.503 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN064709.D

Acq: 18 Nov 2020 16:09

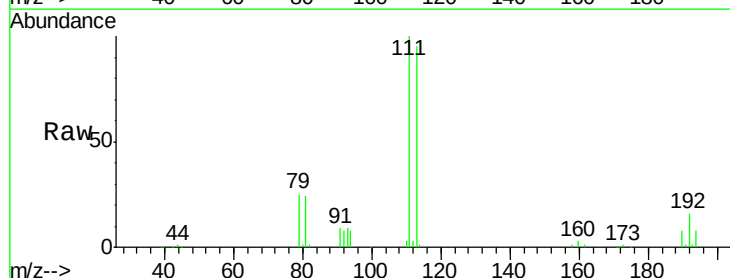
Tgt Ion:113 Resp: 134708

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

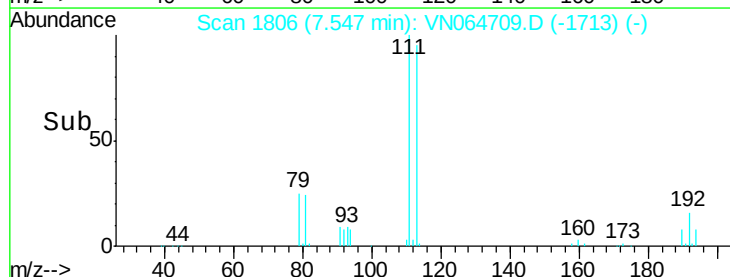
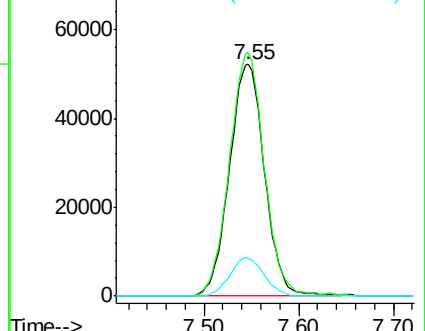
192 16.0 12.7 19.1

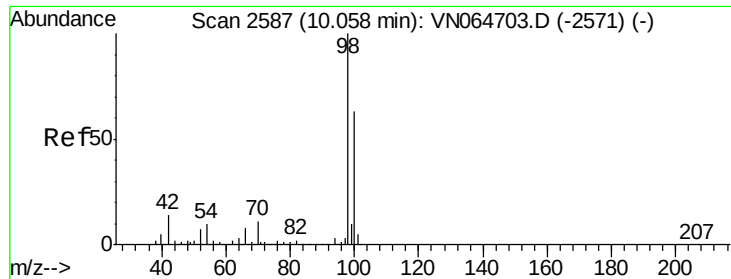


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.991 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN064709.D

Acq: 18 Nov 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

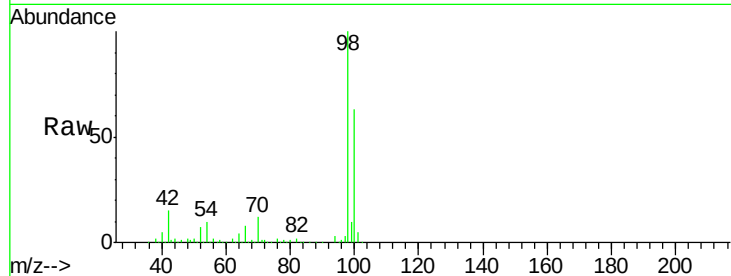
VN1118MBL01

Tot Ion: 98 Resp: 560597

Ion Ratio Lower Upper

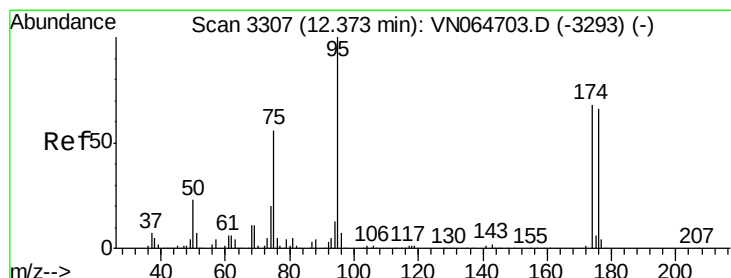
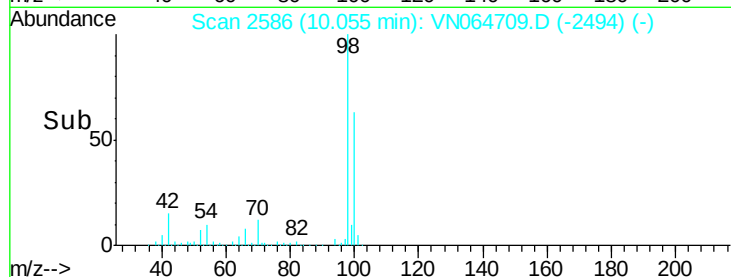
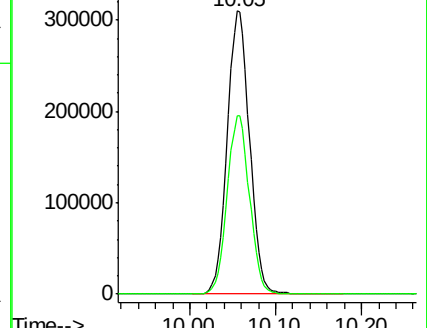
98 100

100 63.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064703.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064703.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 51.110 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN064709.D

Acq: 18 Nov 2020 16:09

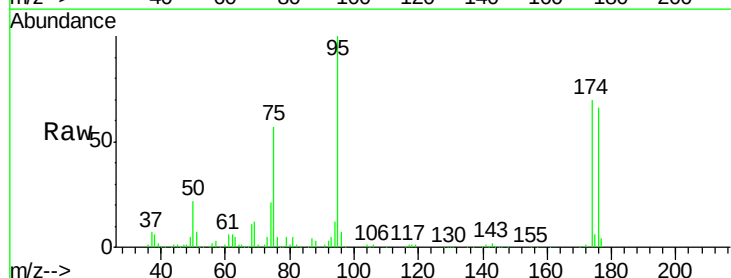
Tgt Ion: 95 Resp: 218601

Ion Ratio Lower Upper

95 100

174 69.8 0.0 136.8

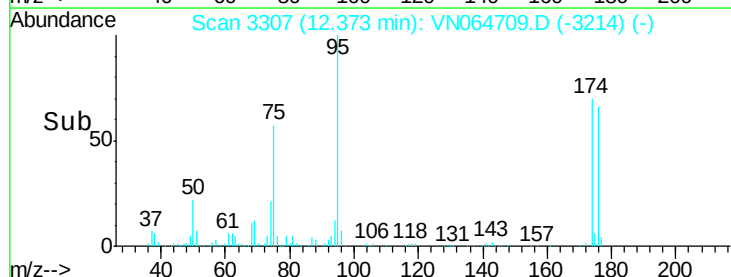
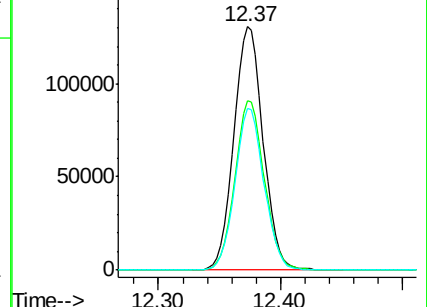
176 65.7 0.0 134.2

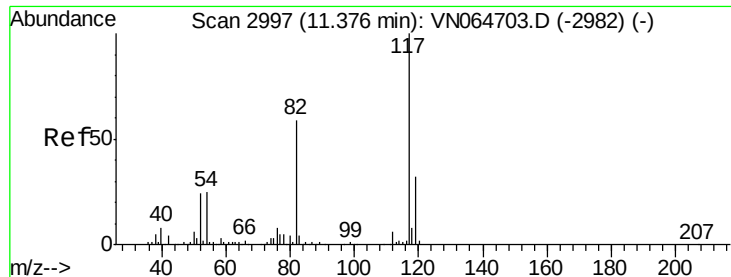


Abundance Ion 94.90 (94.60 to 95.60): VN064703.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064703.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064703.D (-3293) (-)

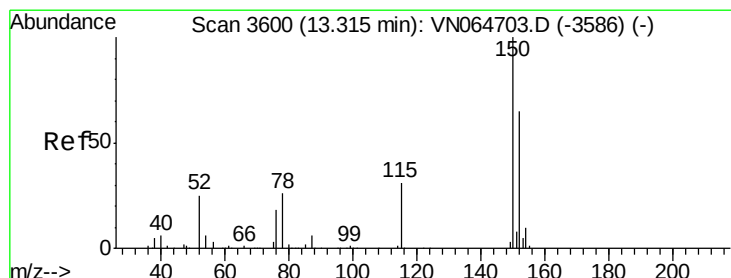
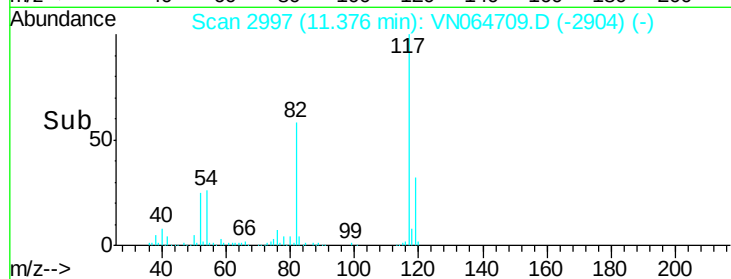
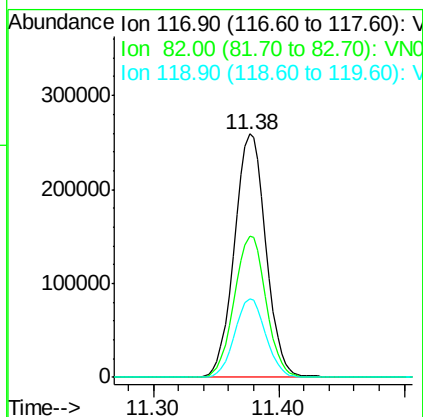
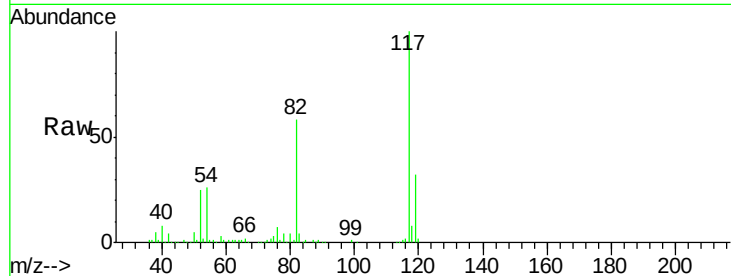




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN064709.D
Acq: 18 Nov 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN1118MBL01

Tot Ion:117 Resp: 452008
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.6
119 32.5 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: VN064709.D
Acq: 18 Nov 2020 16:09

Tgt Ion:152 Resp: 179686
Ion Ratio Lower Upper
152 100
115 66.0 32.1 96.3
150 156.8 0.0 344.8

