

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080720\
 Data File : VN062778.D
 Acq On : 7 Aug 2020 10:38
 Operator : JC/MD
 Sample : VN0807MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

Quant Time: Aug 08 02:30:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	135247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82496	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	114902	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.54	113	84088	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.06	98	307464	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.38	95	104945	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	

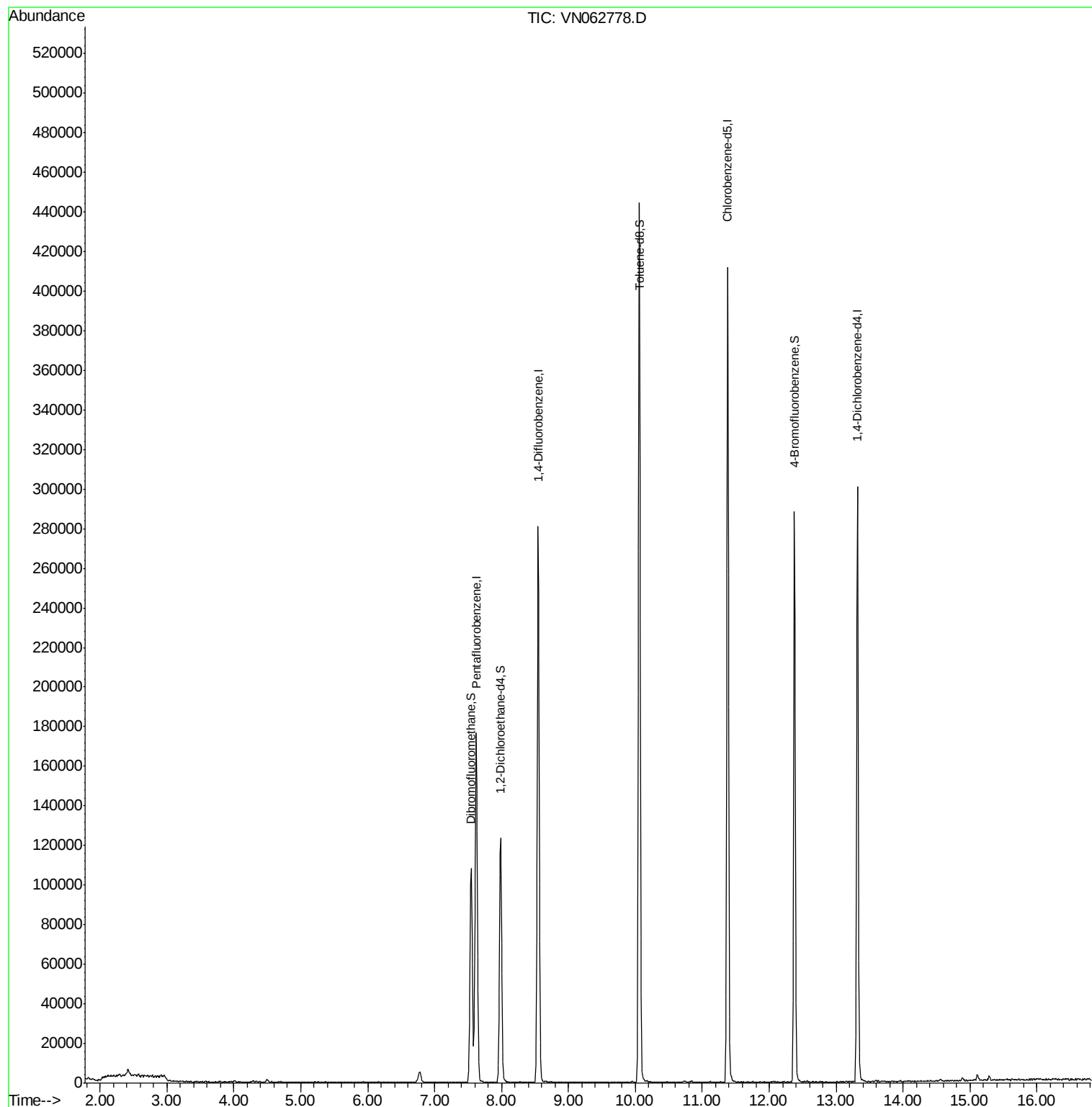
Target Compounds	Qvalue
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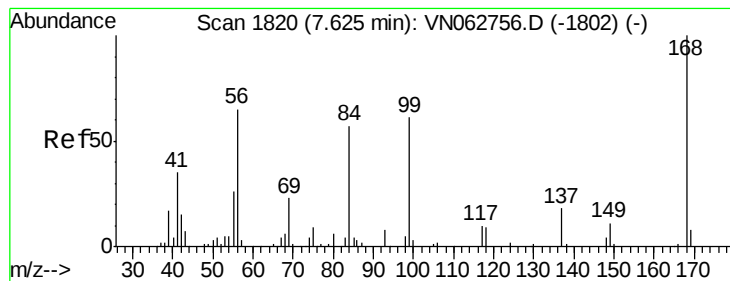
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

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Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

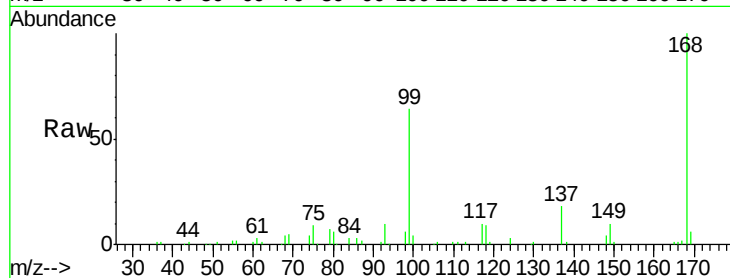
VN0807MBL01

Tot Ion:168 Resp: 135247

Ion Ratio Lower Upper

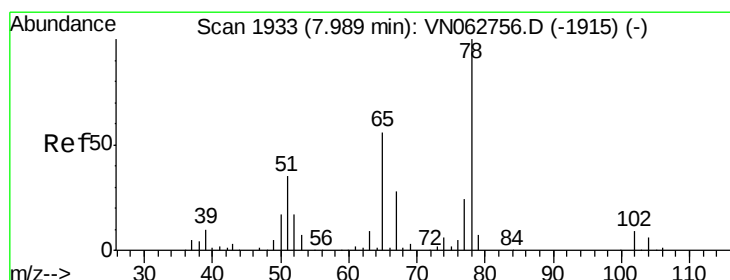
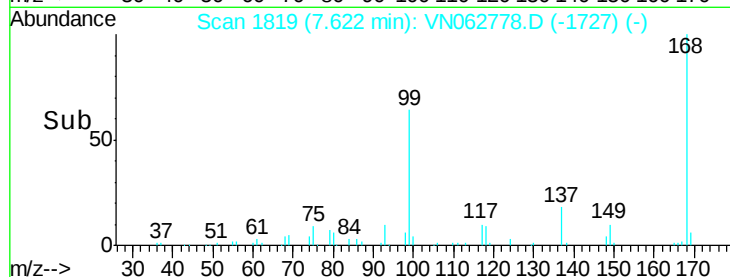
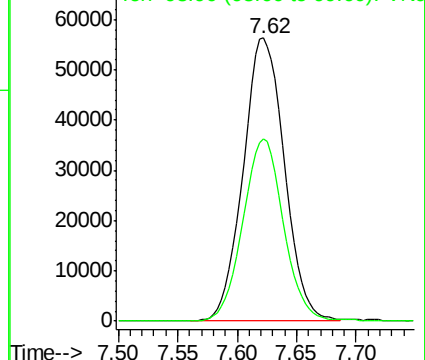
168 100

99 64.3 52.9 79.3



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: 51.374 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062778.D

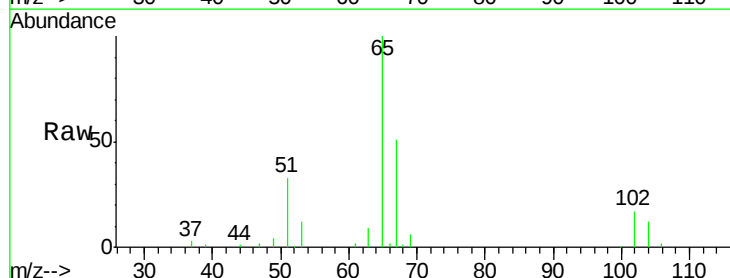
Acq: 7 Aug 2020 10:38

Tgt Ion: 65 Resp: 114902

Ion Ratio Lower Upper

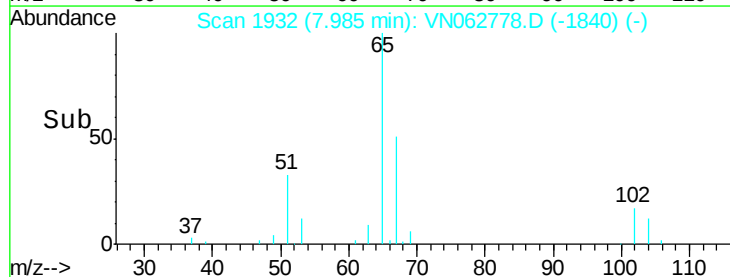
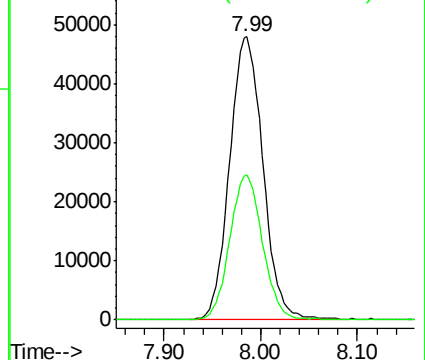
65 100

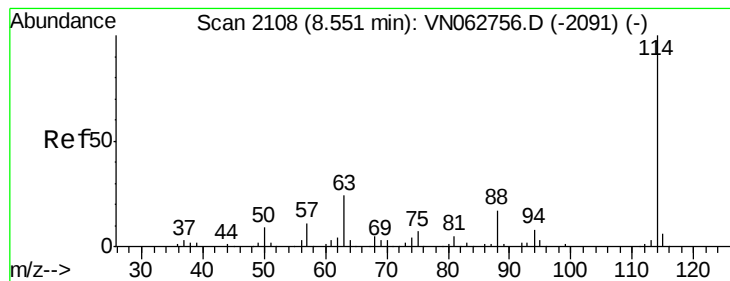
67 50.3 0.0 101.4



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# 2107

Delta R.T. -0.00 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBL01

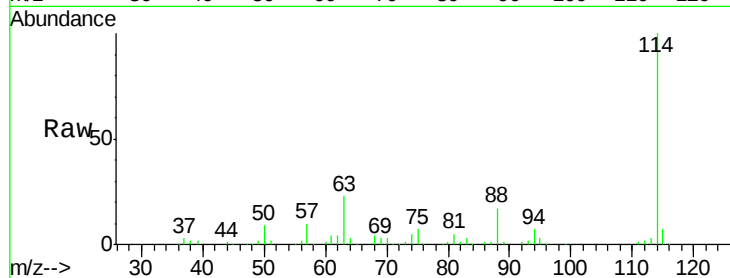
Tot Ion:114 Resp: 237996

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.6

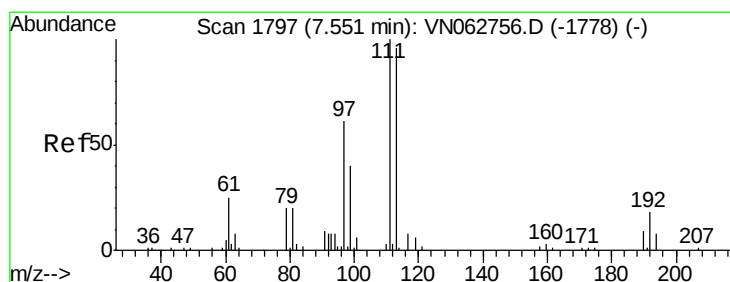
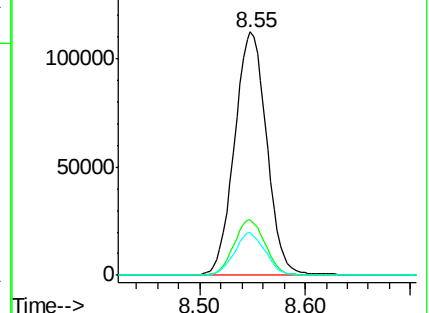
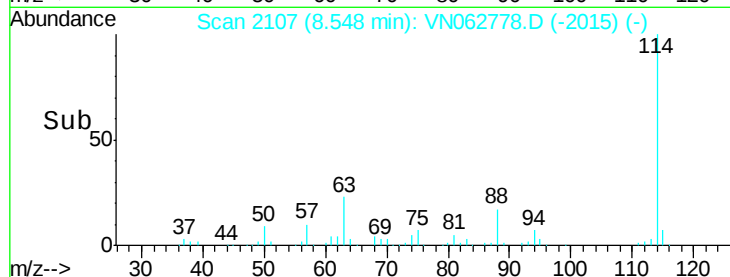
88 17.3 0.0 34.4



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: 51.650 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

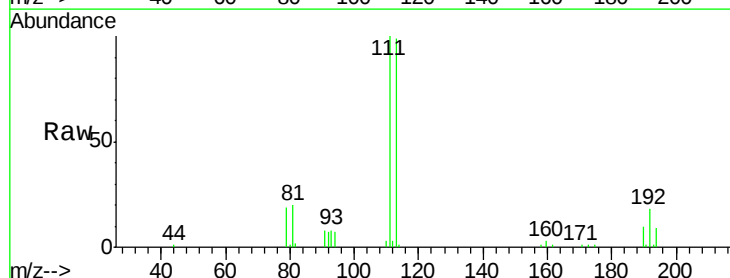
Tgt Ion:113 Resp: 84088

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

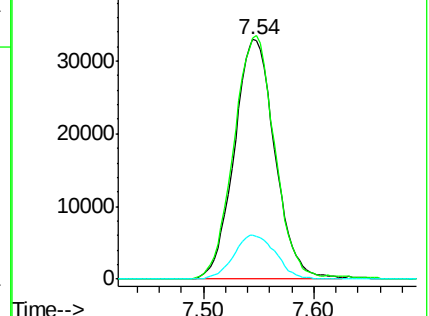
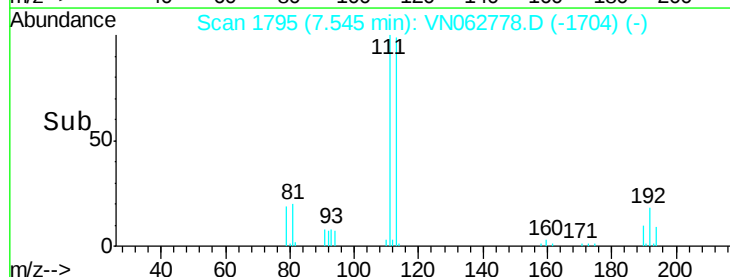
192 18.9 15.0 22.4

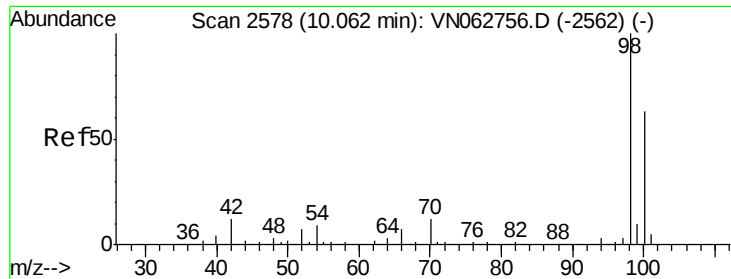


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.374 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

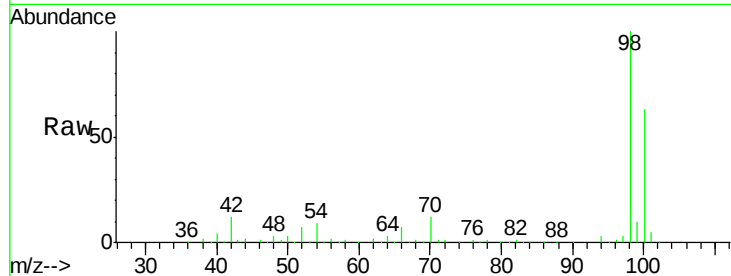
VN0807MBL01

Tot Ion: 98 Resp: 307464

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

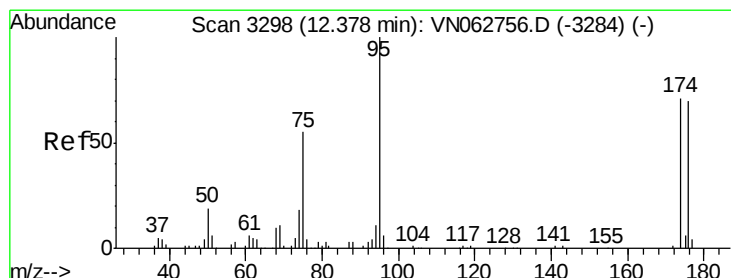
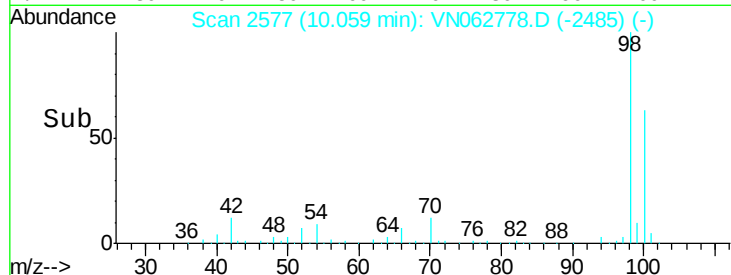
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.692 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

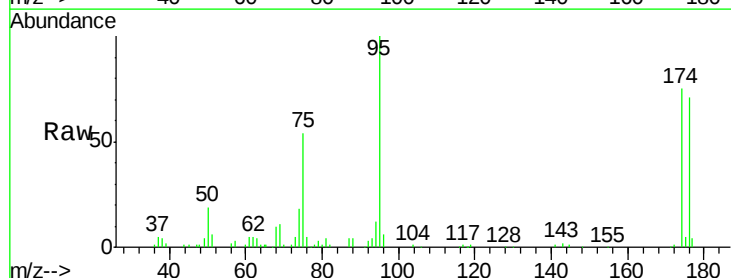
Tgt Ion: 95 Resp: 104945

Ion Ratio Lower Upper

95 100

174 74.8 0.0 144.8

176 70.2 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

12.38

80000

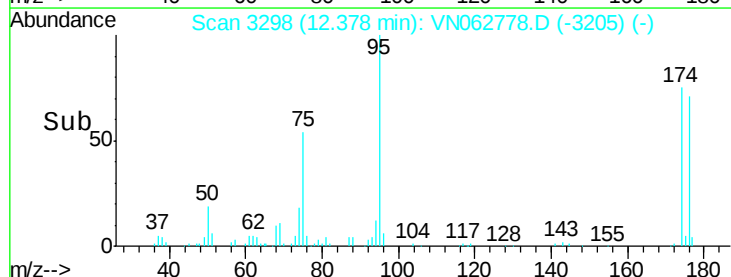
60000

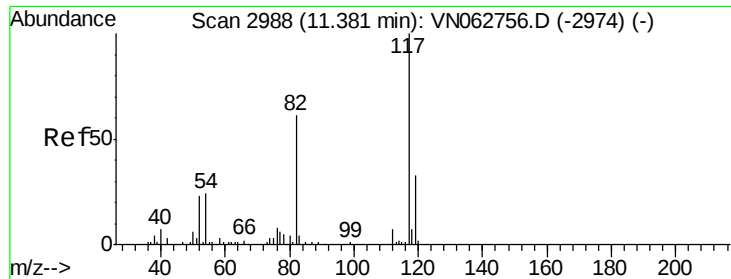
40000

20000

0

Time-->

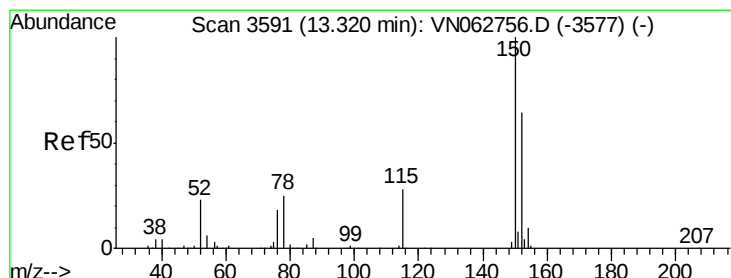
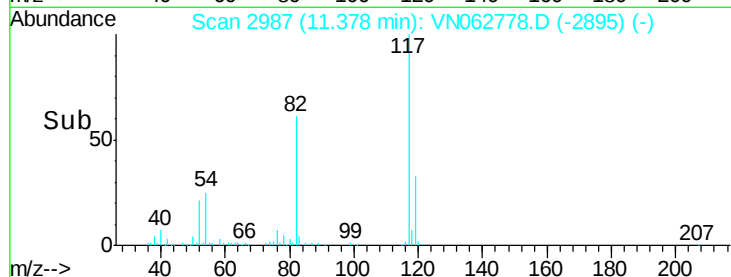
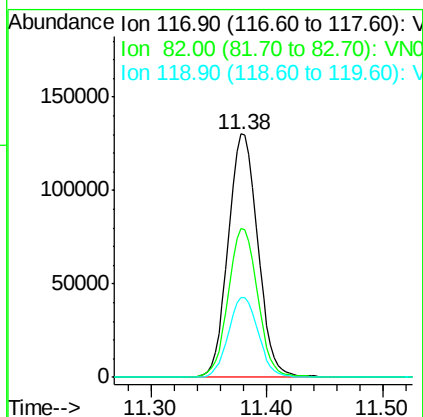
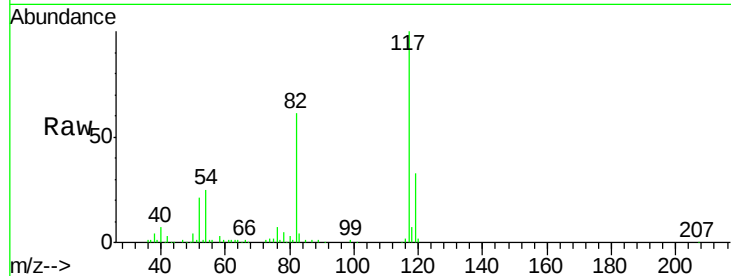




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062778.D
Acq: 7 Aug 2020 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN0807MBL01

Tot Ion:117 Resp: 230271
Ion Ratio Lower Upper
117 100
82 61.0 49.0 73.4
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062778.D
Acq: 7 Aug 2020 10:38

Tgt Ion:152 Resp: 82496
Ion Ratio Lower Upper
152 100
115 61.1 31.6 94.8
150 153.8 0.0 349.2

