

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063973.D
 Acq On : 8 Oct 2020 4:53
 Operator : JC/MD
 Sample : L4292-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 08 06:55:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	436076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178380	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	203740	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.55	113	147156	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.06	98	553920	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.38	95	211203	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	

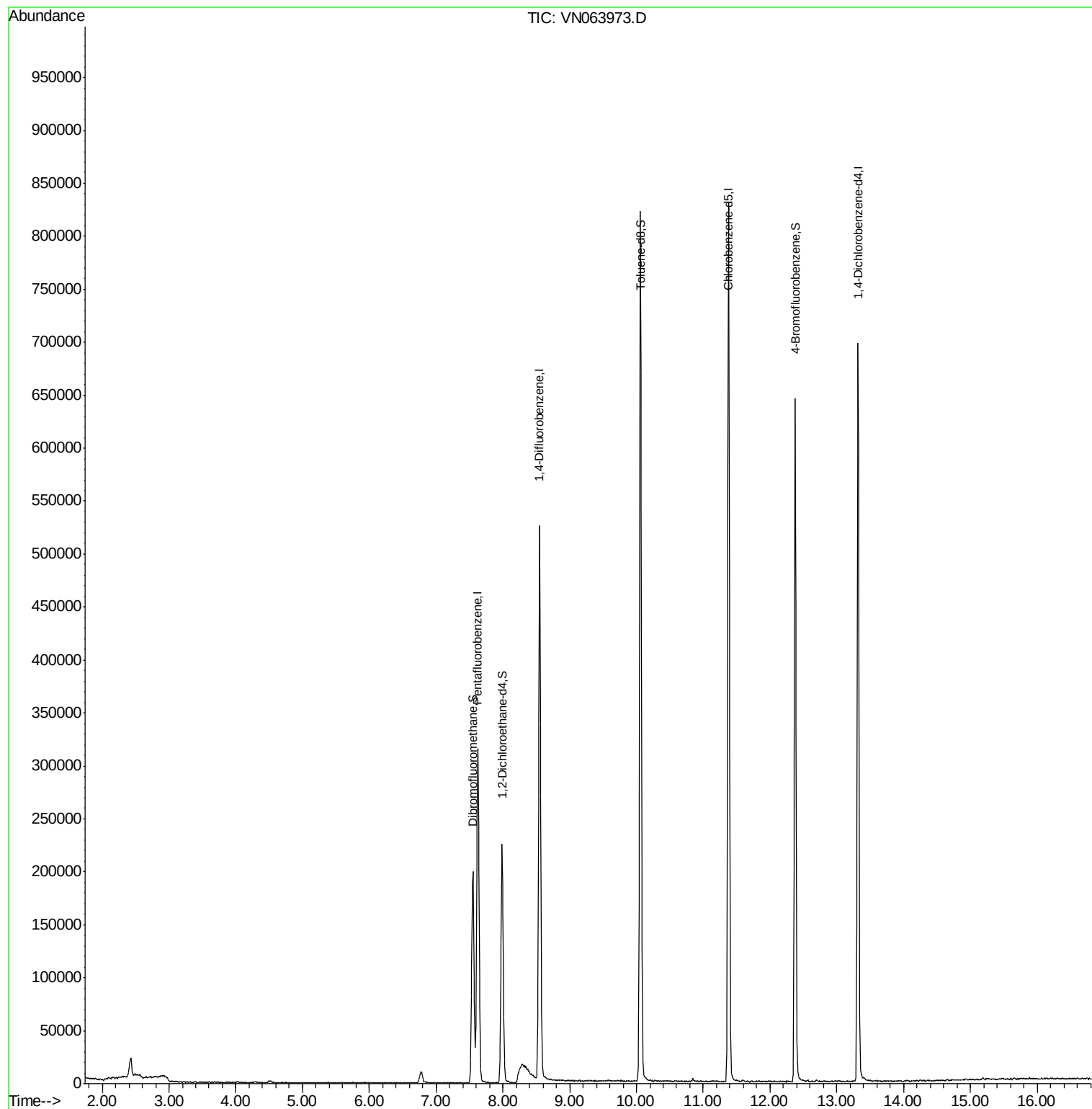
Target Compounds	Qvalue
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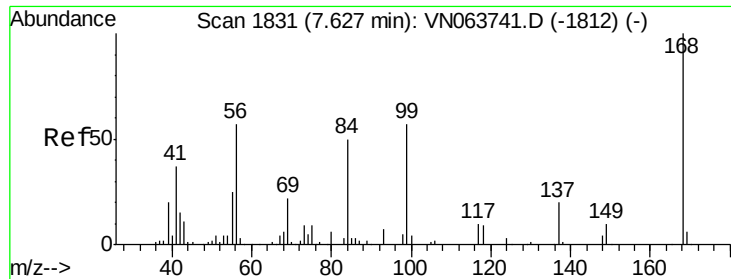
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063973.D

Acq: 8 Oct 2020 4:53

Instrument :

MSVOA_N

ClientSampled :

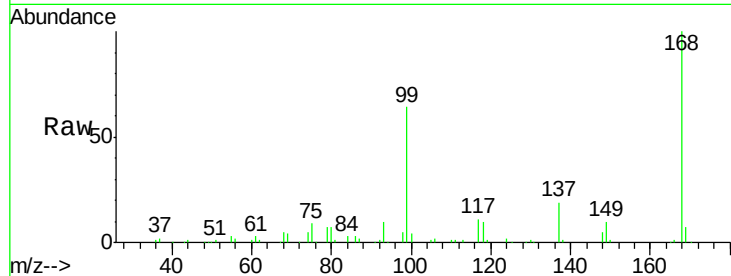
TRIP-BLANK

Tot Ion:168 Resp: 236836

Ion Ratio Lower Upper

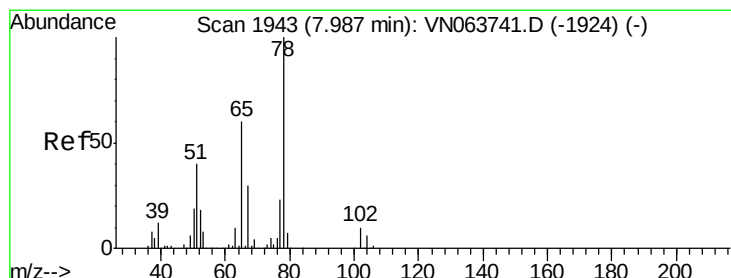
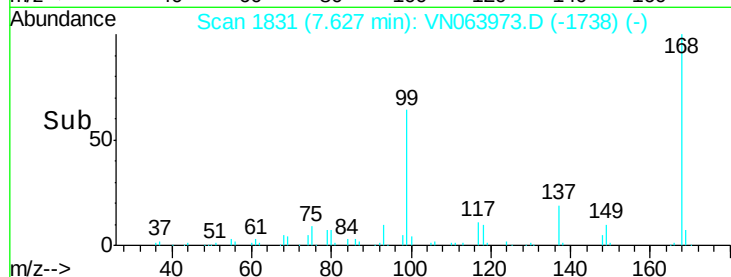
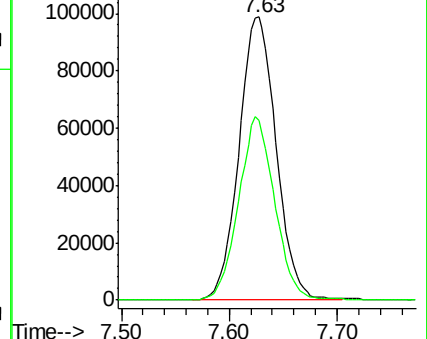
168 100

99 63.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.072 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063973.D

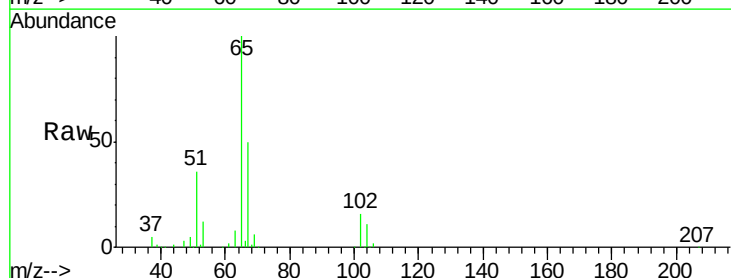
Acq: 8 Oct 2020 4:53

Tgt Ion: 65 Resp: 203740

Ion Ratio Lower Upper

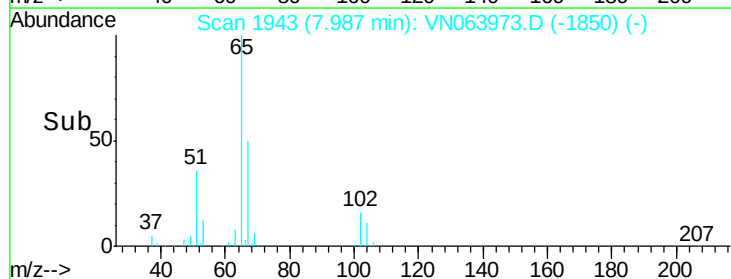
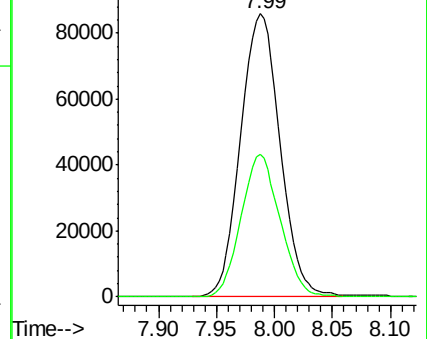
65 100

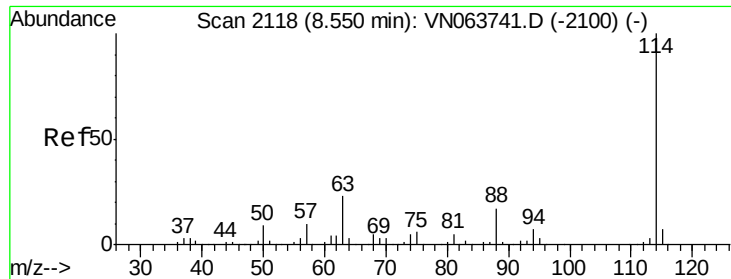
67 49.7 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

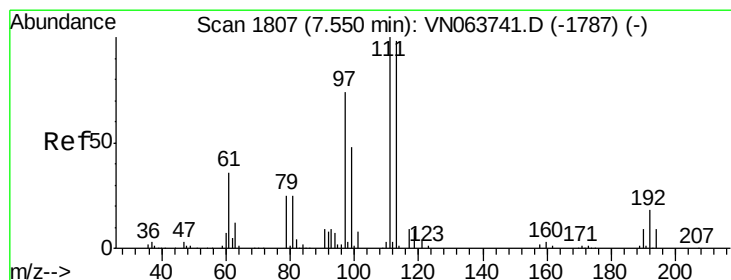
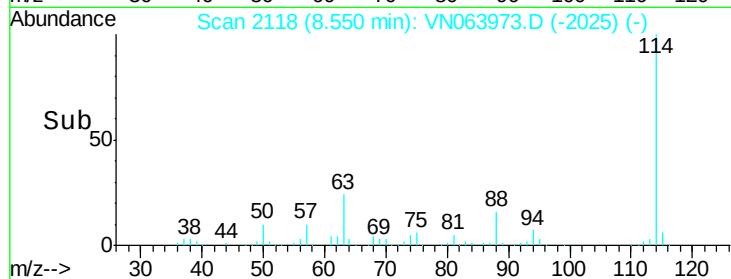
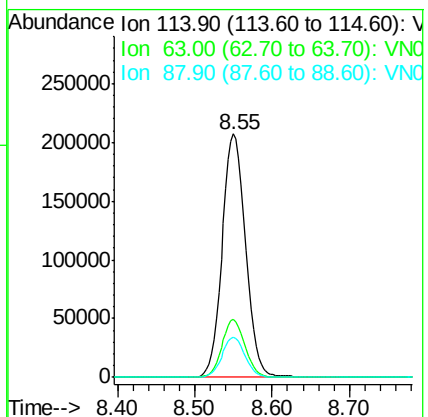
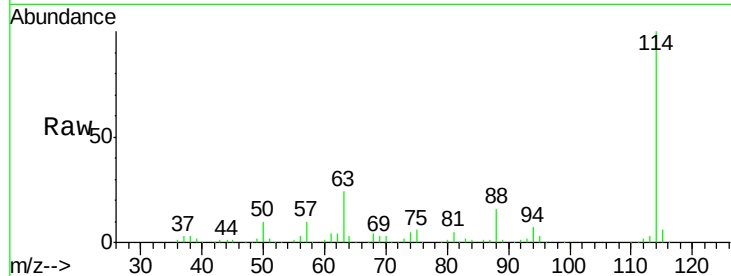




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063973.D
Acq: 8 Oct 2020 4:53

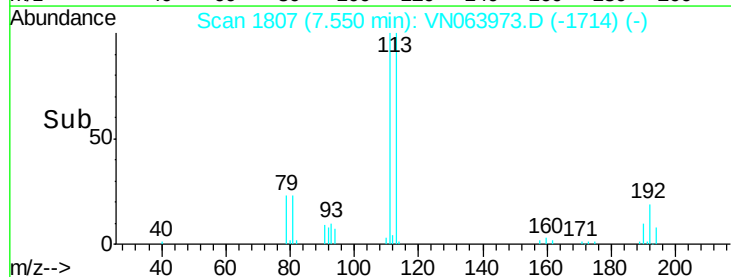
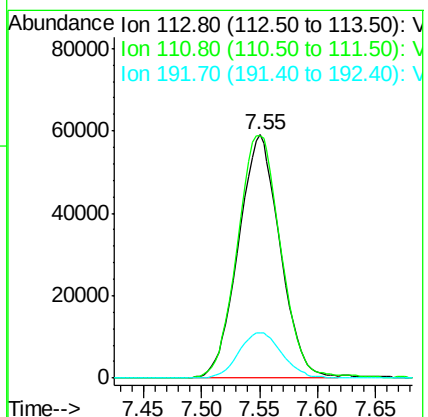
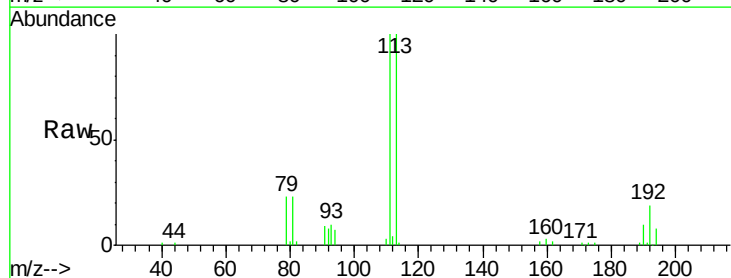
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

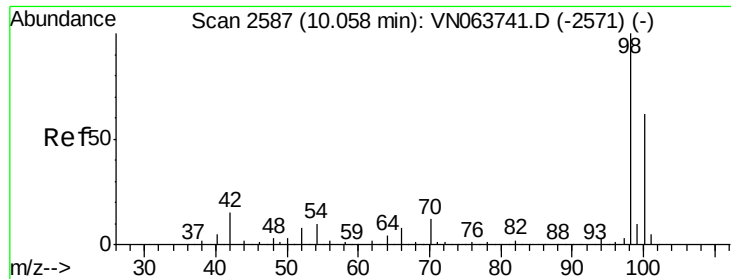
Tot Ion:114 Resp: 436076
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 16.3 0.0 34.0



#35
Dibromofluoromethane
Concen: 48.633 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063973.D
Acq: 8 Oct 2020 4:53

Tgt Ion:113 Resp: 147156
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 19.4 14.2 21.2





#50

Toluene-d8

Concen: 48.290 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063973.D

Acq: 8 Oct 2020 4:53

Instrument :

MSVOA_N

ClientSampled :

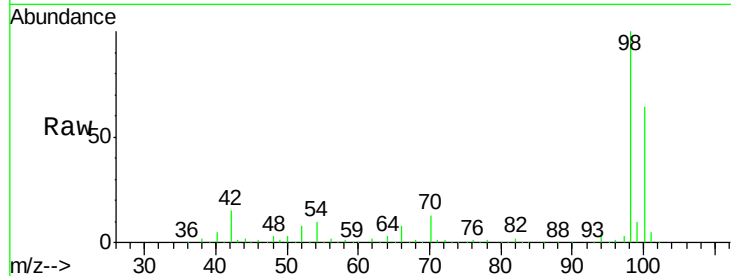
TRIP-BLANK

Tot Ion: 98 Resp: 553920

Ion Ratio Lower Upper

98 100

100 62.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

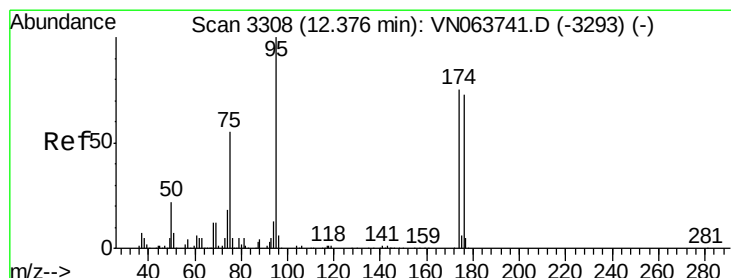
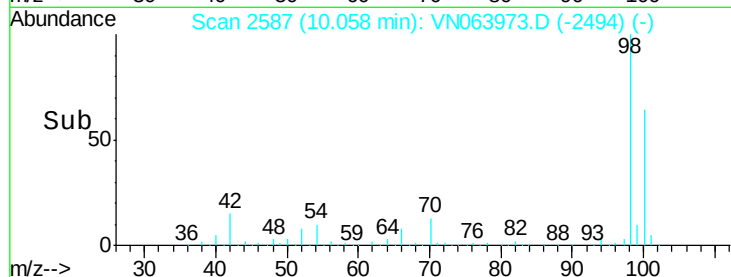
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.981 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063973.D

Acq: 8 Oct 2020 4:53

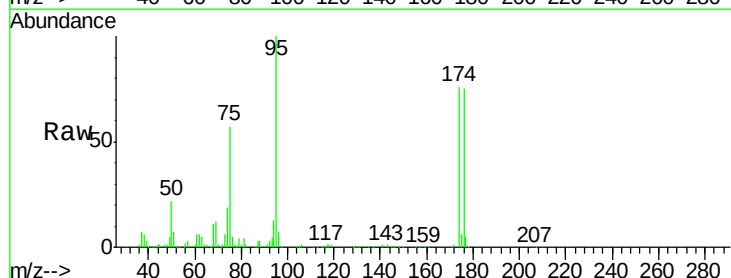
Tgt Ion: 95 Resp: 211203

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

176 74.7 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

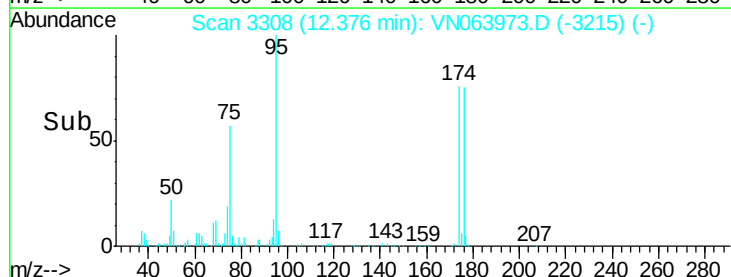
150000

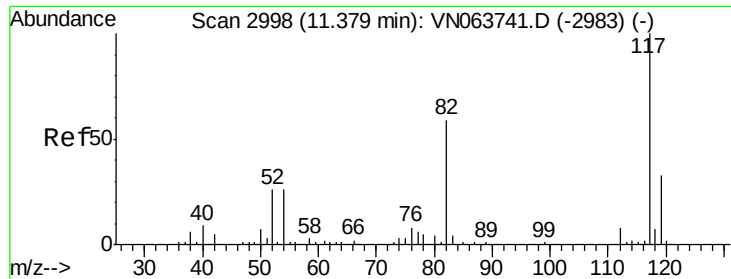
100000

50000

0

Time-->

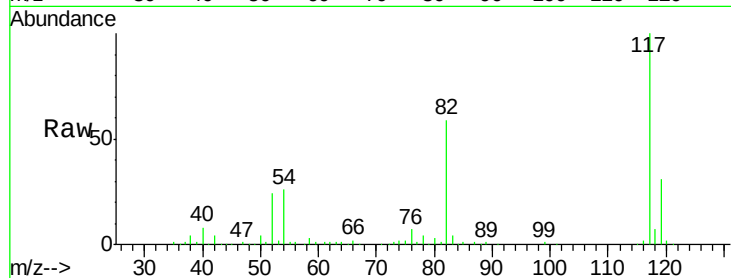




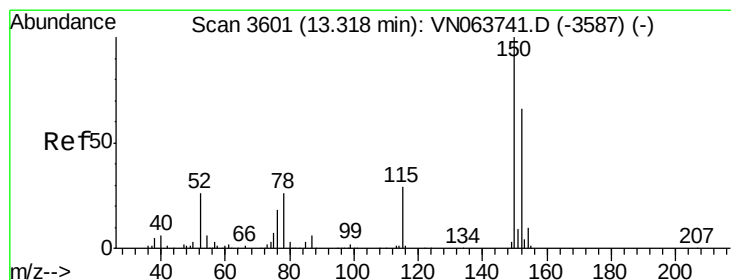
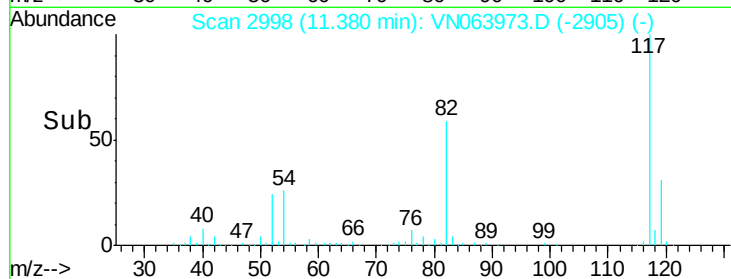
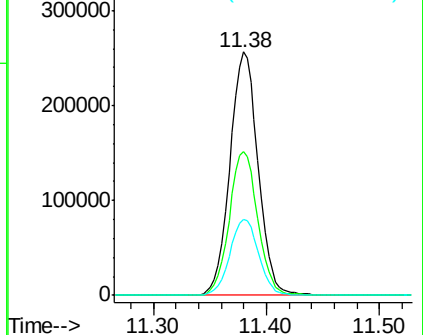
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063973.D
Acq: 8 Oct 2020 4:53

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 444525
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.2 26.4 39.6

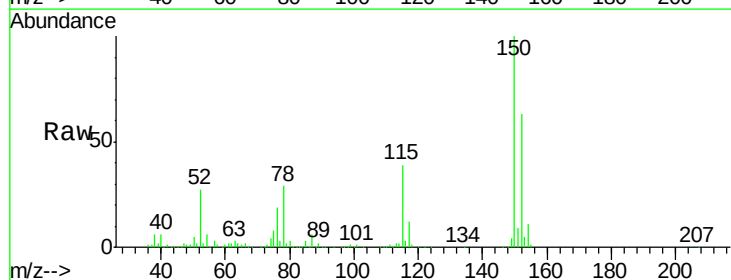


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063973.D
Acq: 8 Oct 2020 4:53

Tgt Ion:152 Resp: 178380
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 157.0 0.0 341.8



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

