

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063769.D
 Acq On : 1 Oct 2020 14:10
 Operator : JC/MD
 Sample : L4168-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 02 02:48:31 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	226960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175895	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	191226	51.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.00%	
35) Dibromofluoromethane	7.55	113	137506	48.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.68%	
50) Toluene-d8	10.06	98	525944	48.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.38	95	210651	51.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.94%	

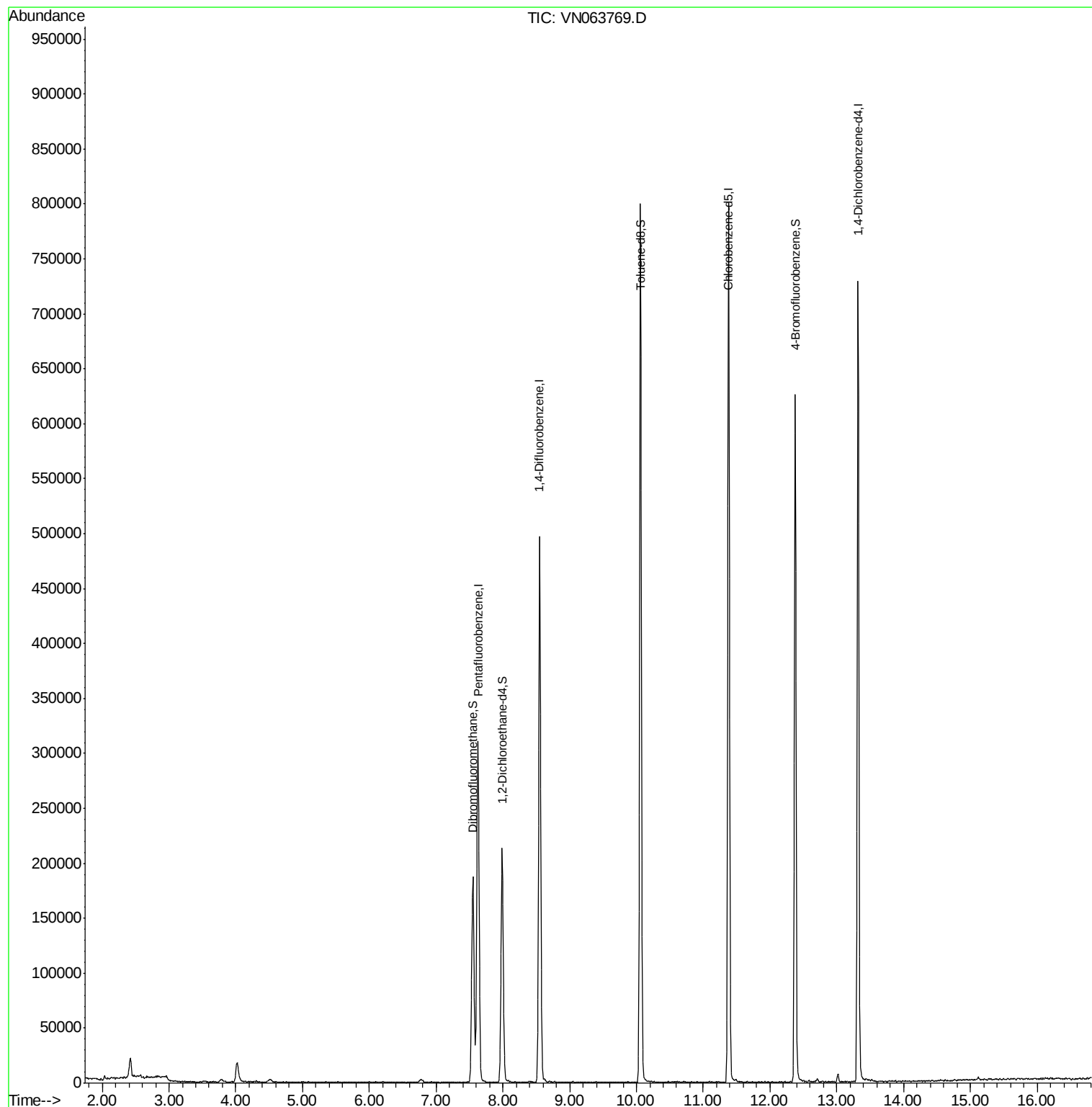
Target Compounds	Qvalue

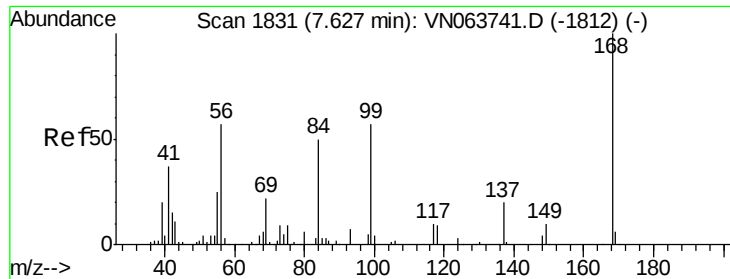
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063769.D

Acq: 1 Oct 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

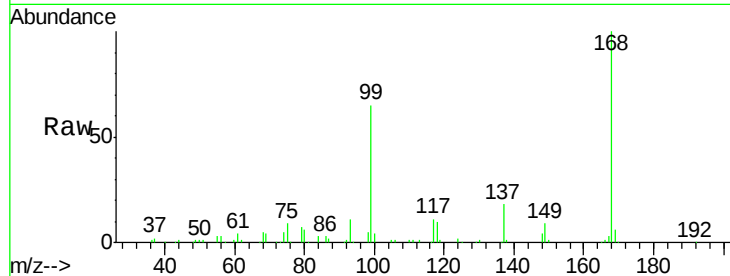
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 226960

Ion Ratio Lower Upper

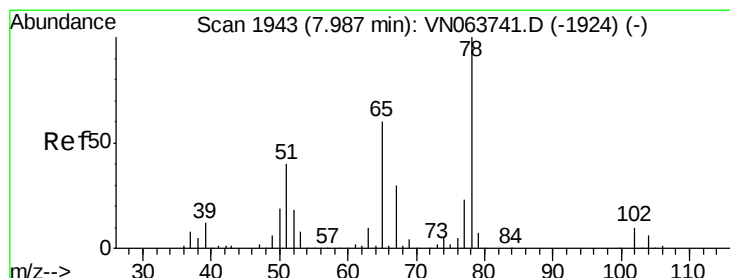
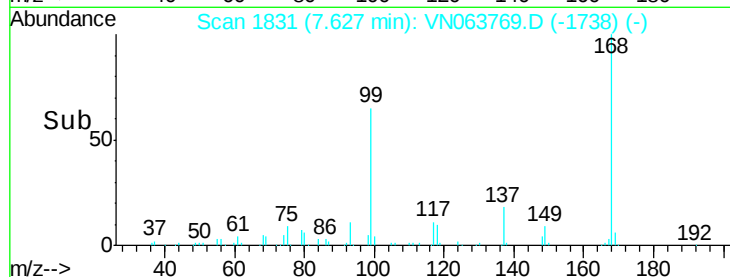
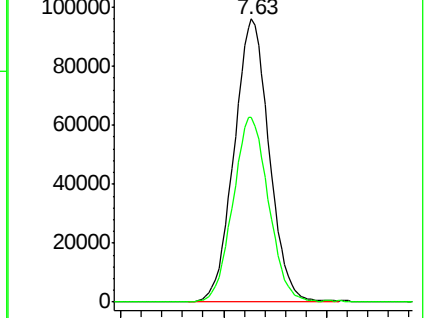
168 100

99 65.3 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: 51.000 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063769.D

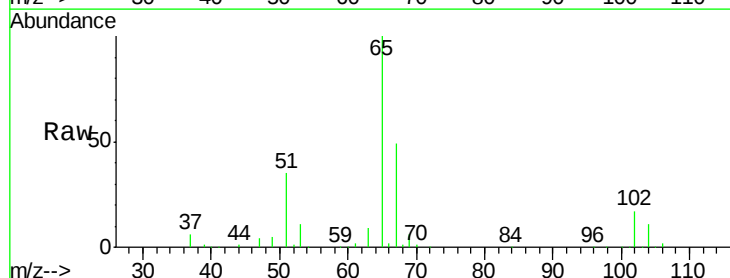
Acq: 1 Oct 2020 14:10

Tgt Ion: 65 Resp: 191226

Ion Ratio Lower Upper

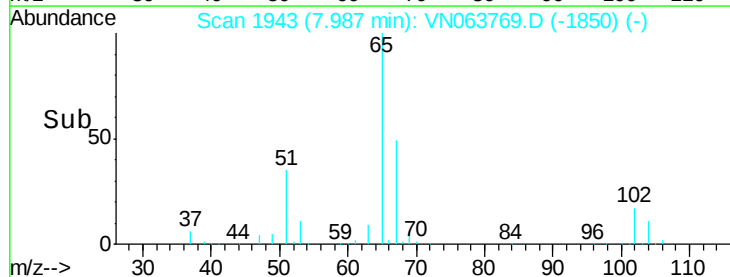
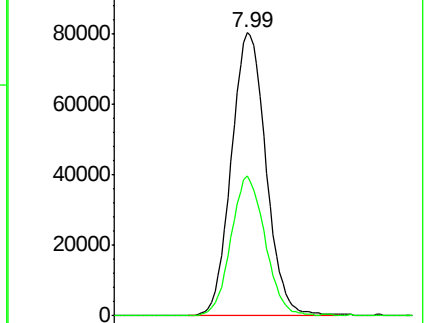
65 100

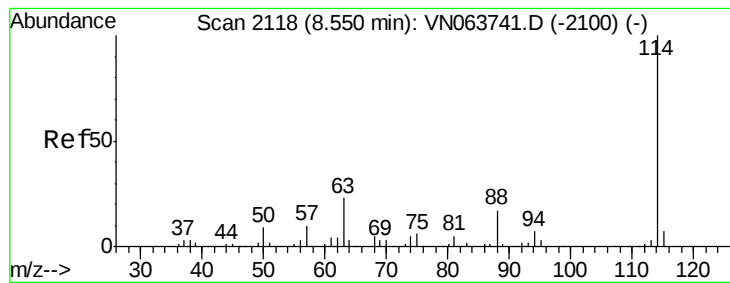
67 48.6 0.0 99.6



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: VN063769.D

Acq: 1 Oct 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

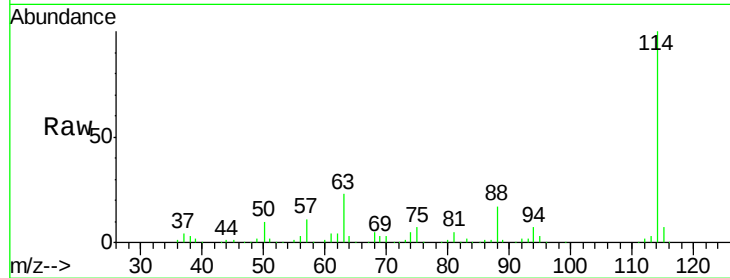
Tot Ion:114 Resp: 409944

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

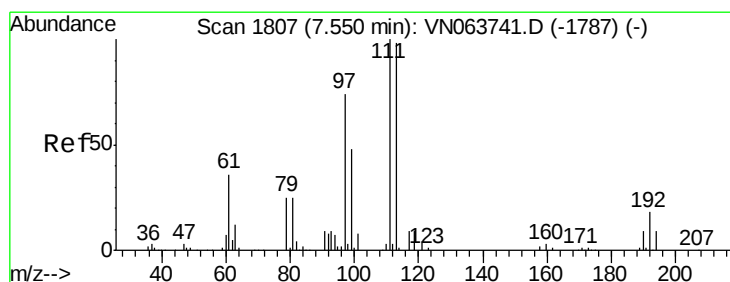
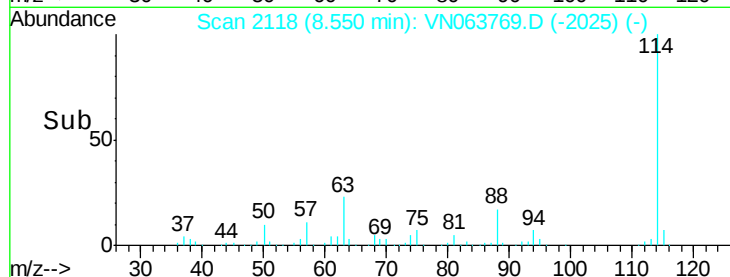
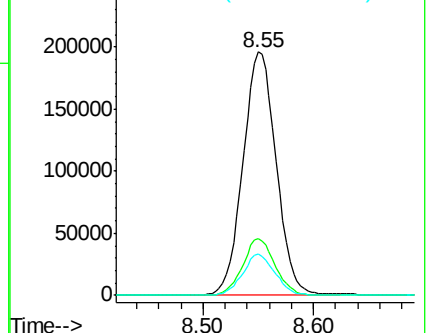
88 16.8 0.0 34.0



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: 48.341 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063769.D

Acq: 1 Oct 2020 14:10

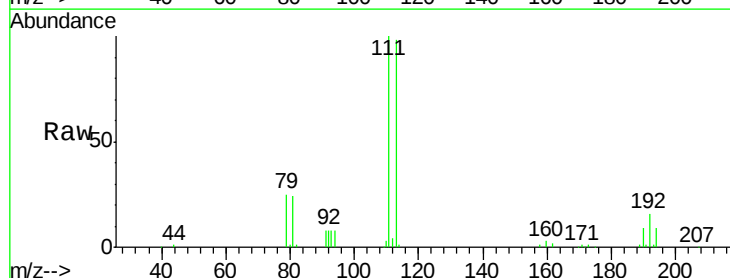
Tgt Ion:113 Resp: 137506

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.8

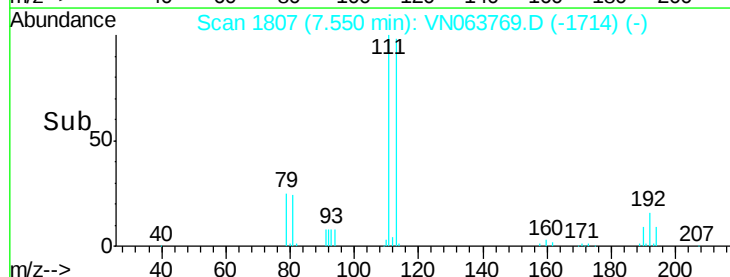
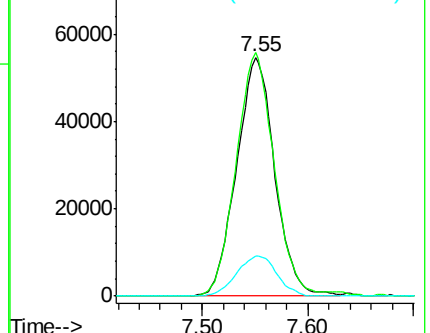
192 17.8 14.2 21.2

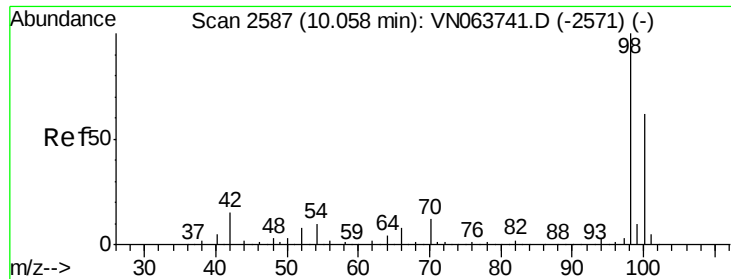


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.774 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063769.D

Acq: 1 Oct 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

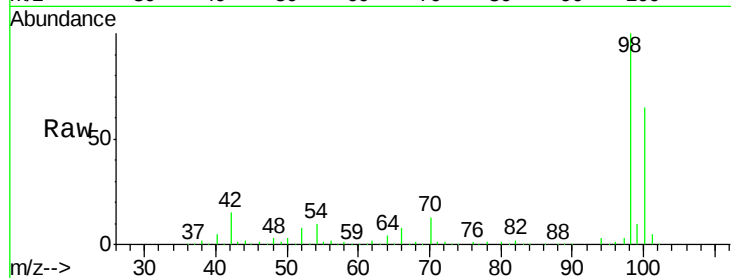
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 525944

Ion Ratio Lower Upper

98 100

100 63.3 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

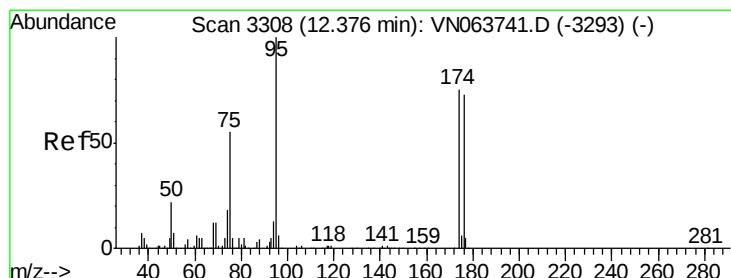
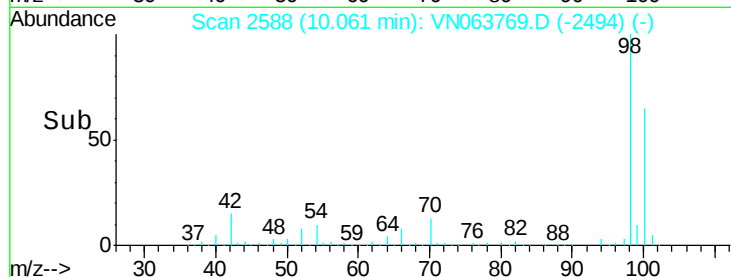
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.967 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063769.D

Acq: 1 Oct 2020 14:10

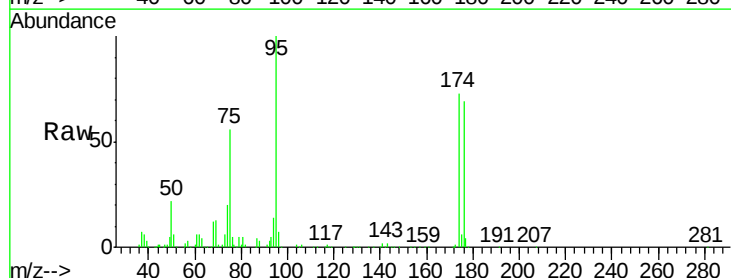
Tgt Ion: 95 Resp: 210651

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

176 69.8 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

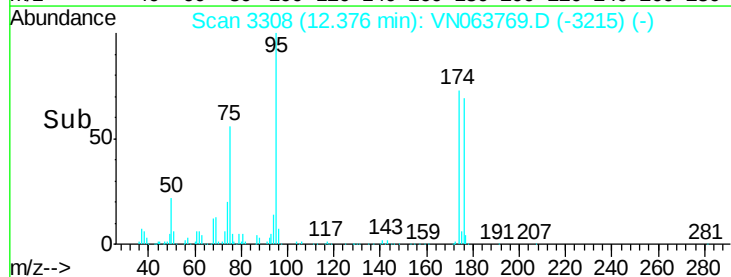
150000

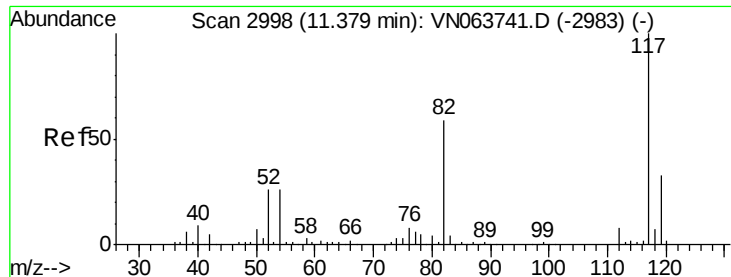
100000

50000

0

Time-->

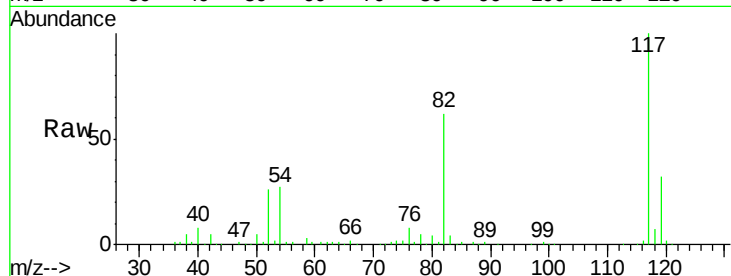




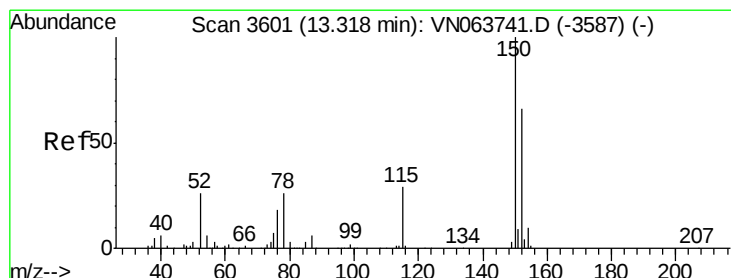
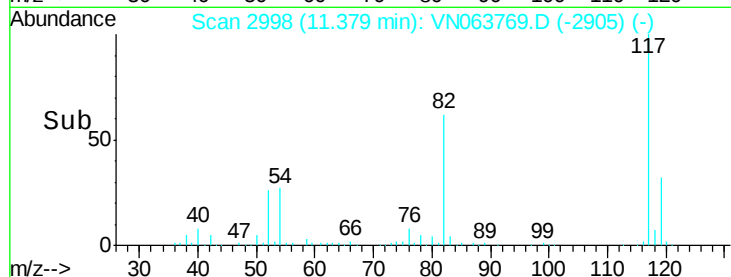
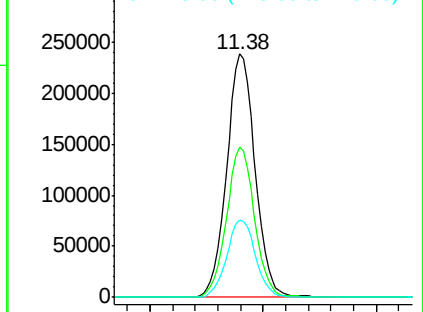
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063769.D
Acq: 1 Oct 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 416185
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.9 26.4 39.6

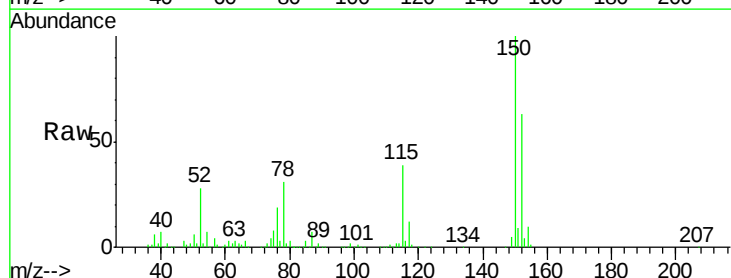


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063769.D
Acq: 1 Oct 2020 14:10

Tgt Ion:152 Resp: 175895
Ion Ratio Lower Upper
152 100
115 65.4 31.3 93.8
150 159.5 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

