

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063546.D
 Acq On : 22 Sep 2020 20:31
 Operator : JC/MD
 Sample : L4082-13DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200915DL

Quant Time: Sep 23 05:13:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

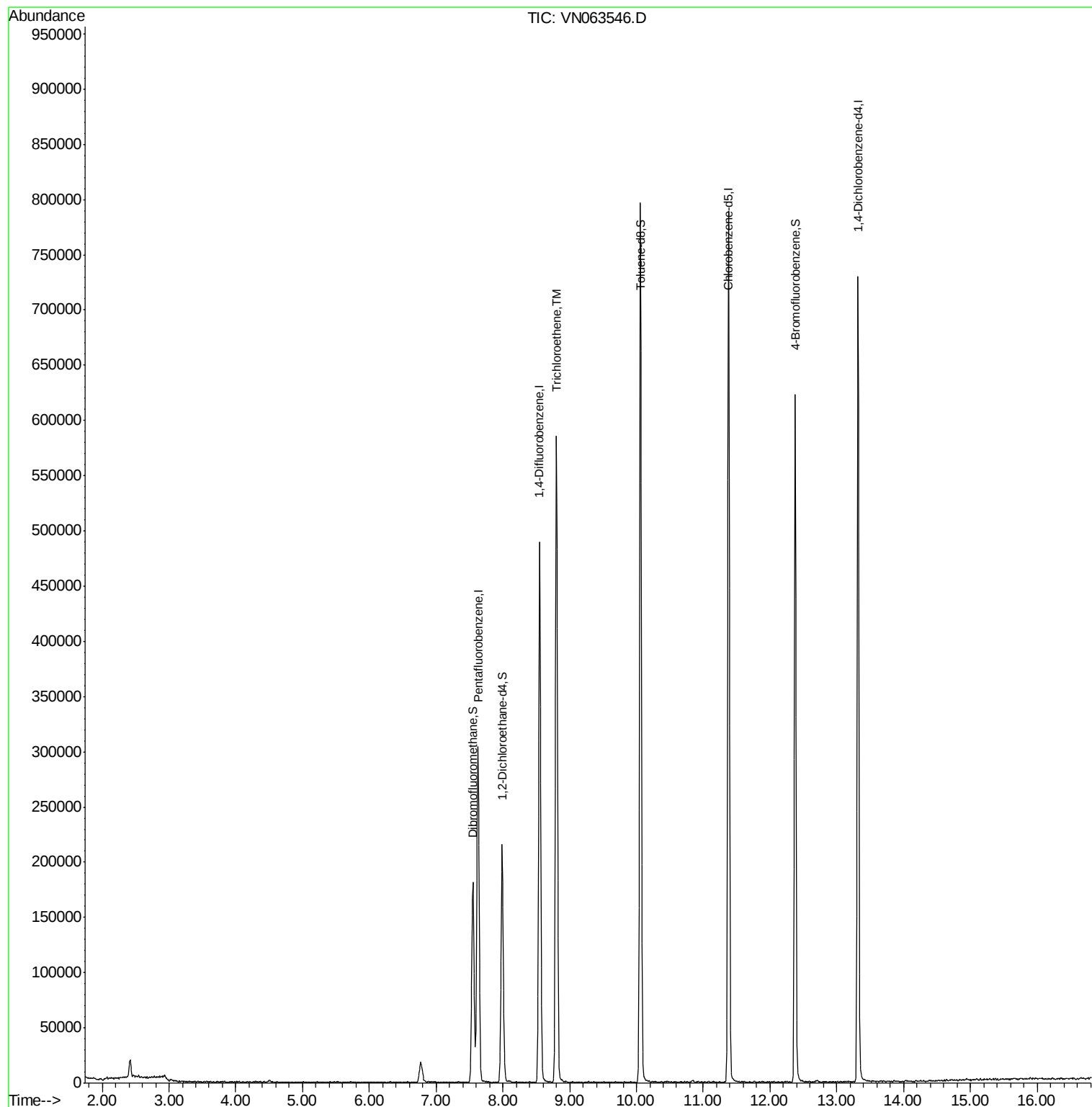
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185738	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.55	113	133103	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	10.06	98	528691	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.38	95	208381	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
44) Trichloroethene	8.80	130	196793	64.477	ug/l	Qvalue 100

(#) = 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063546.D

Acq: 22 Sep 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

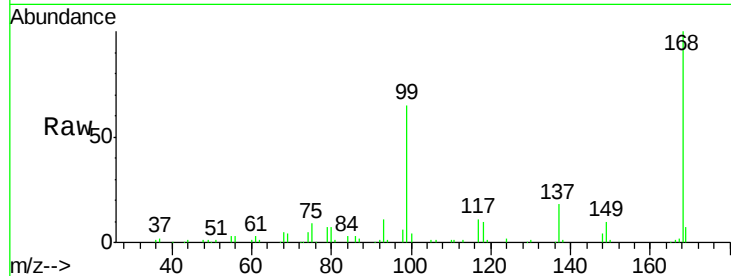
RE108D2-20200915DL

Tot Ion:168 Resp: 220430

Ion Ratio Lower Upper

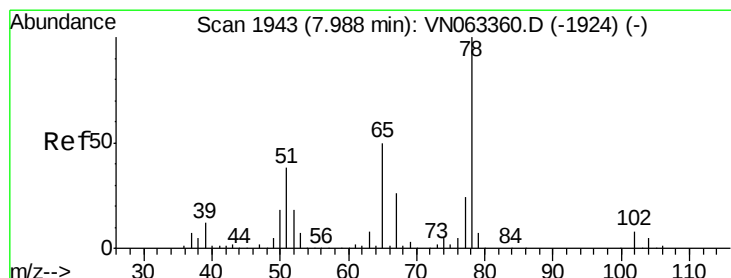
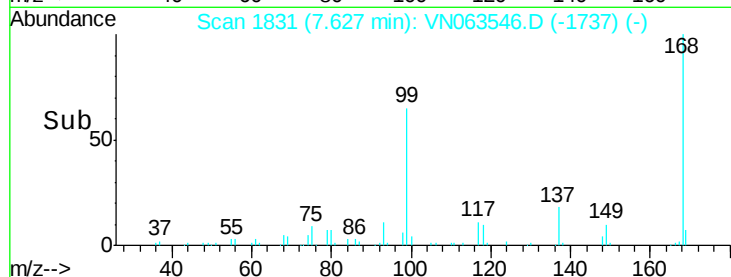
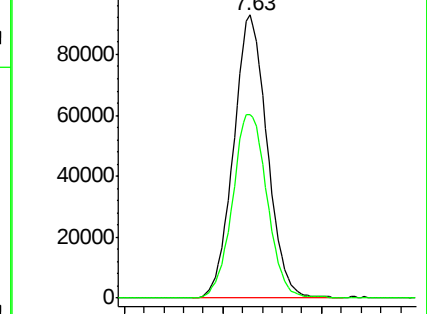
168 100

99 65.0 53.0 79.6



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: 49.500 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063546.D

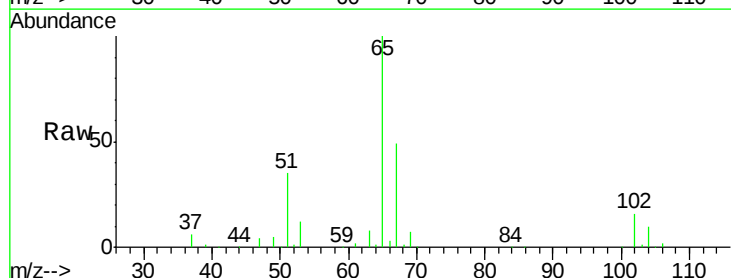
Acq: 22 Sep 2020 20:31

Tgt Ion: 65 Resp: 185738

Ion Ratio Lower Upper

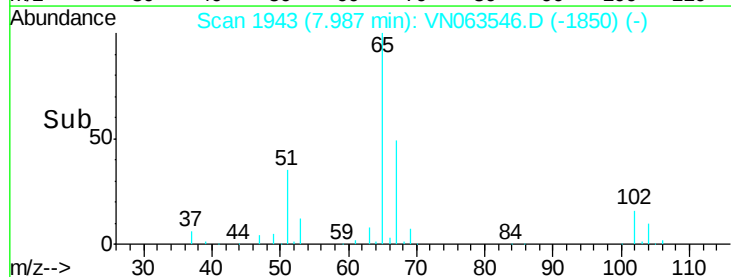
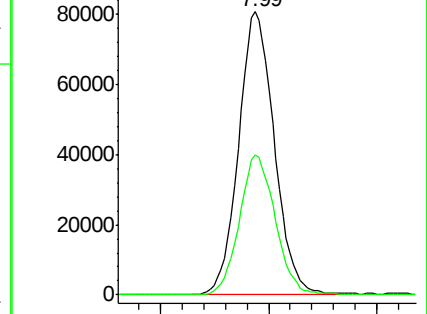
65 100

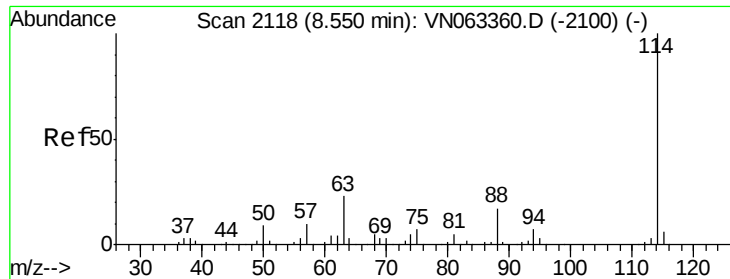
67 49.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

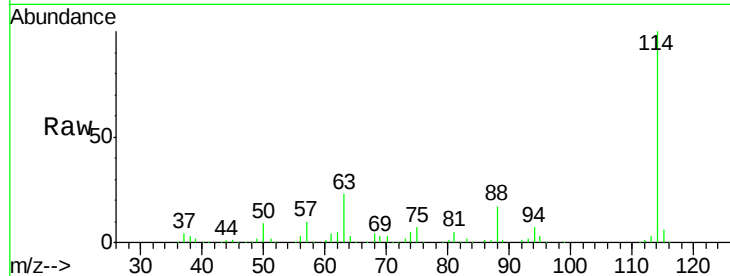




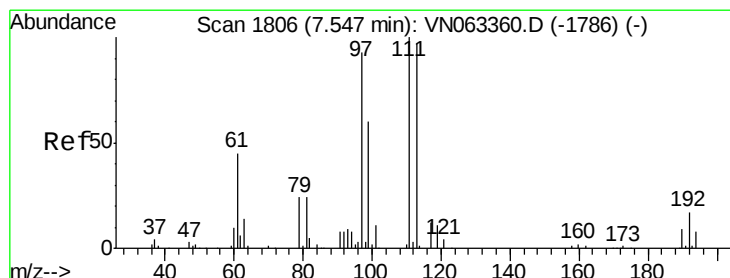
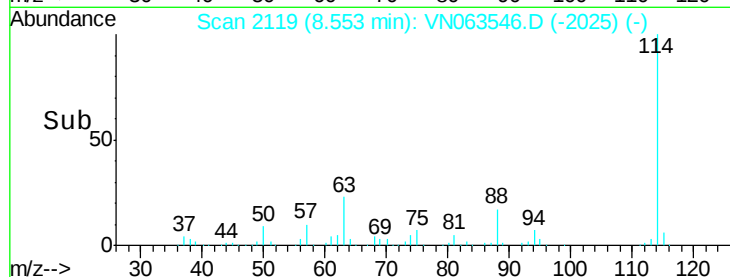
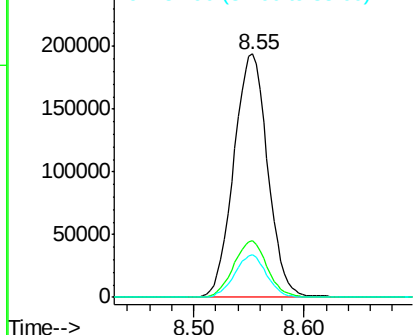
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063546.D
 Acq: 22 Sep 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200915DL

Tot Ion:114 Resp: 413773
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 17.3 0.0 33.2

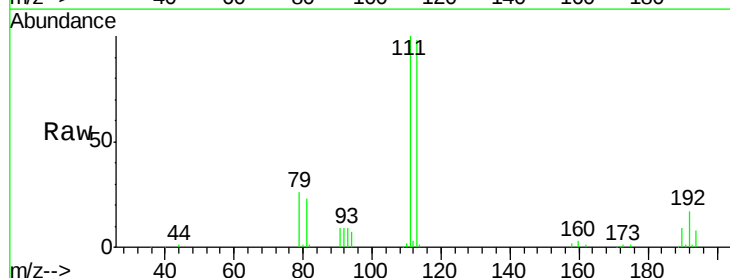


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

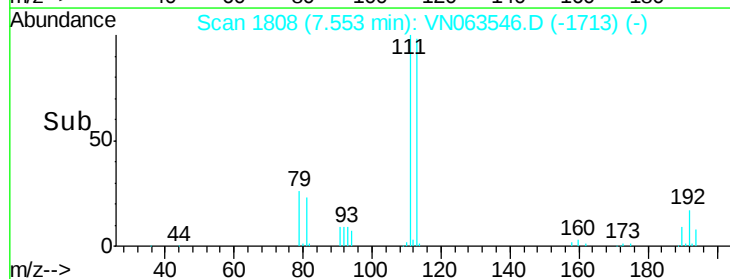
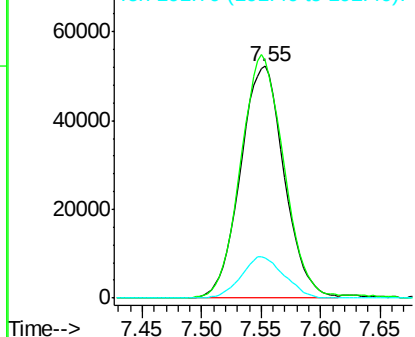


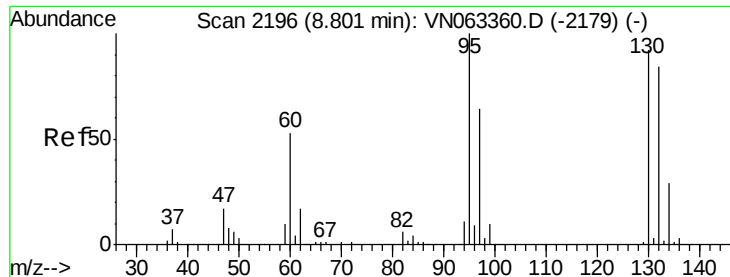
#35
 Dibromofluoromethane
 Concen: 46.467 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063546.D
 Acq: 22 Sep 2020 20:31

Tgt Ion:113 Resp: 133103
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 17.4 13.9 20.9



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





#44

Trichloroethene

Concen: 64.477 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063546.D

Acq: 22 Sep 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

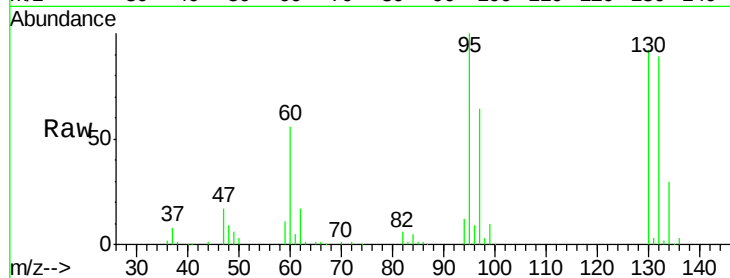
RE108D2-20200915DL

Tot Ion:130 Resp: 196793

Ion Ratio Lower Upper

130 100

95 108.5 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

120000

100000

80000

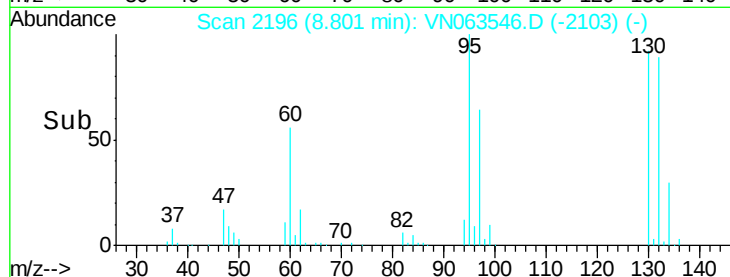
60000

40000

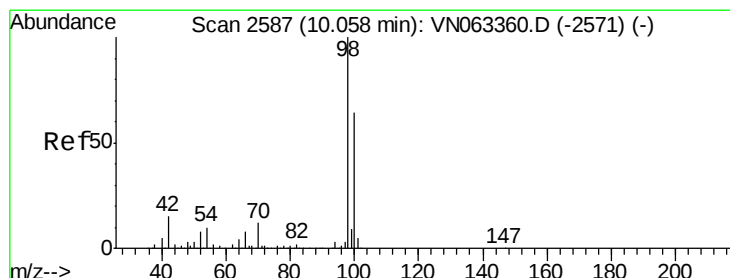
20000

0

Time-->



Time-->



#50

Toluene-d8

Concen: 49.085 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063546.D

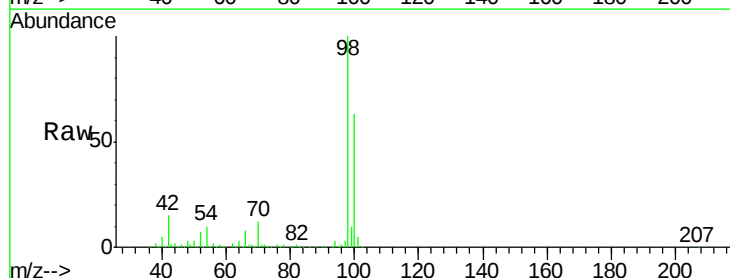
Acq: 22 Sep 2020 20:31

Tgt Ion: 98 Resp: 528691

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

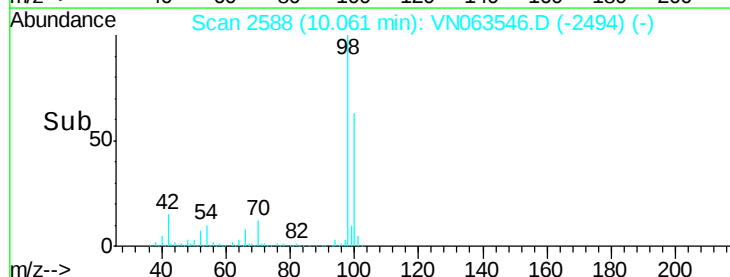
300000

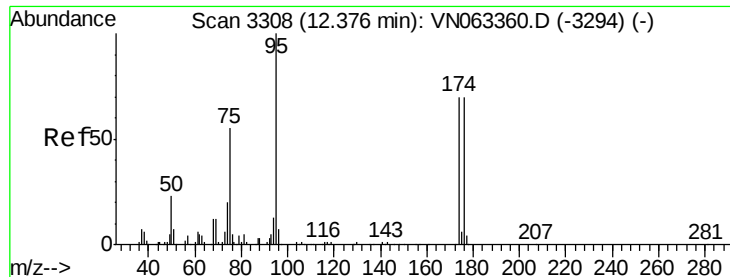
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.776 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063546.D

Acq: 22 Sep 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200915DL

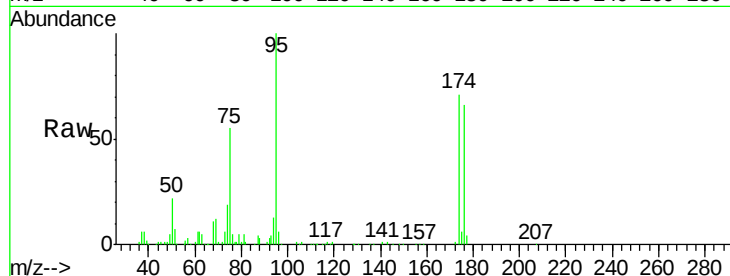
Tot Ion: 95 Resp: 208381

Ion Ratio Lower Upper

95 100

174 71.9 0.0 140.8

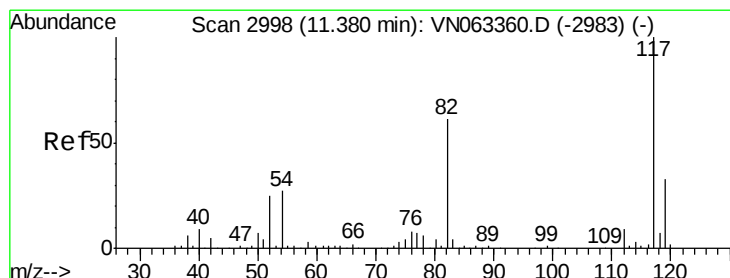
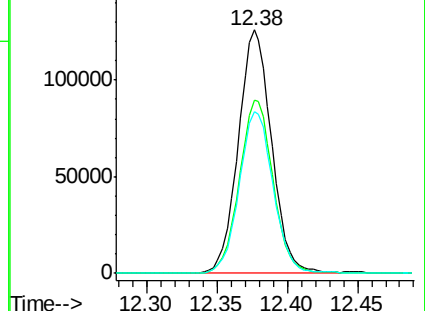
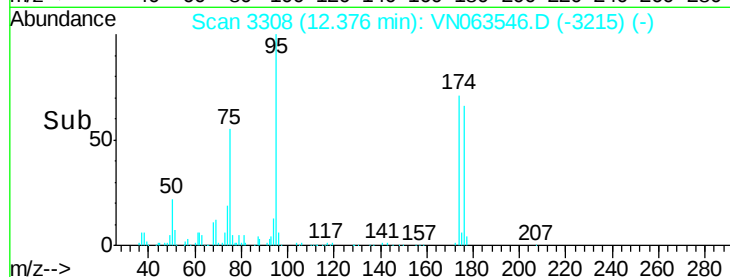
176 67.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063546.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063546.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063546.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063546.D

Acq: 22 Sep 2020 20:31

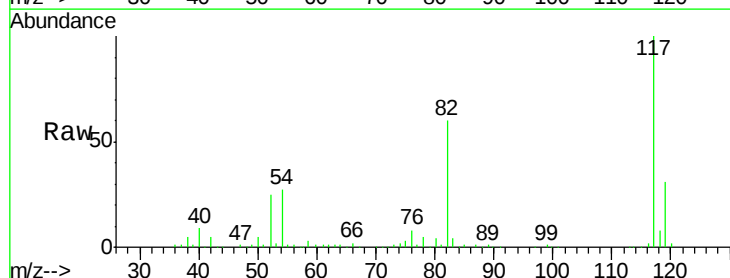
Tgt Ion: 117 Resp: 416092

Ion Ratio Lower Upper

117 100

82 60.3 49.2 73.8

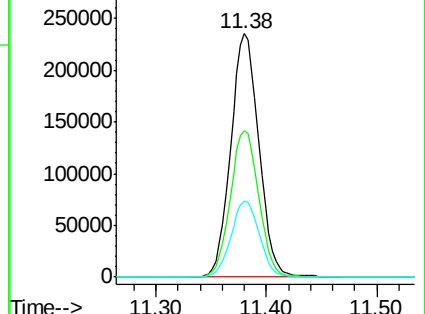
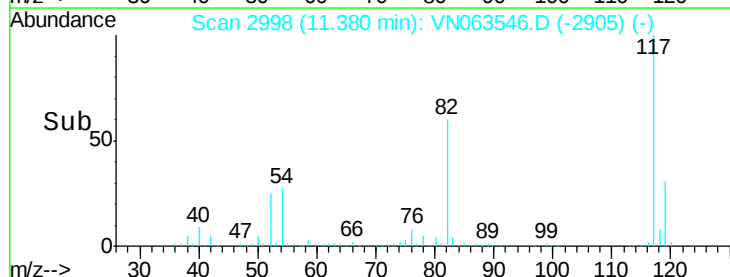
119 31.1 26.2 39.4

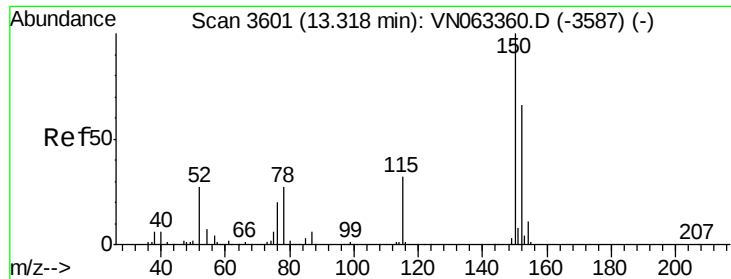


Abundance Ion 116.90 (116.60 to 117.60): VN063546.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063546.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063546.D (-2905) (-)

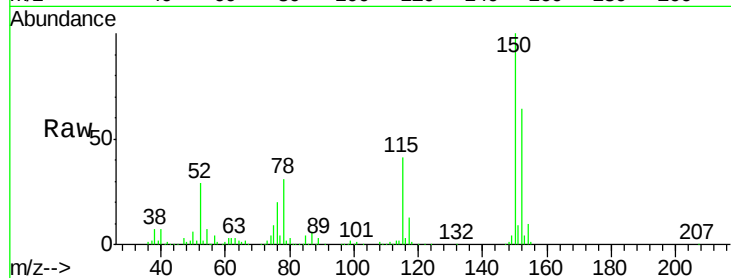




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VN063546.D
 Acq: 22 Sep 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200915DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.6	32.2	96.6
150	155.4	0.0	343.4



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

