

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063626.D
 Acq On : 24 Sep 2020 14:17
 Operator : JC/MD
 Sample : L4083-09DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20200917DL

Quant Time: Sep 25 04:00:54 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

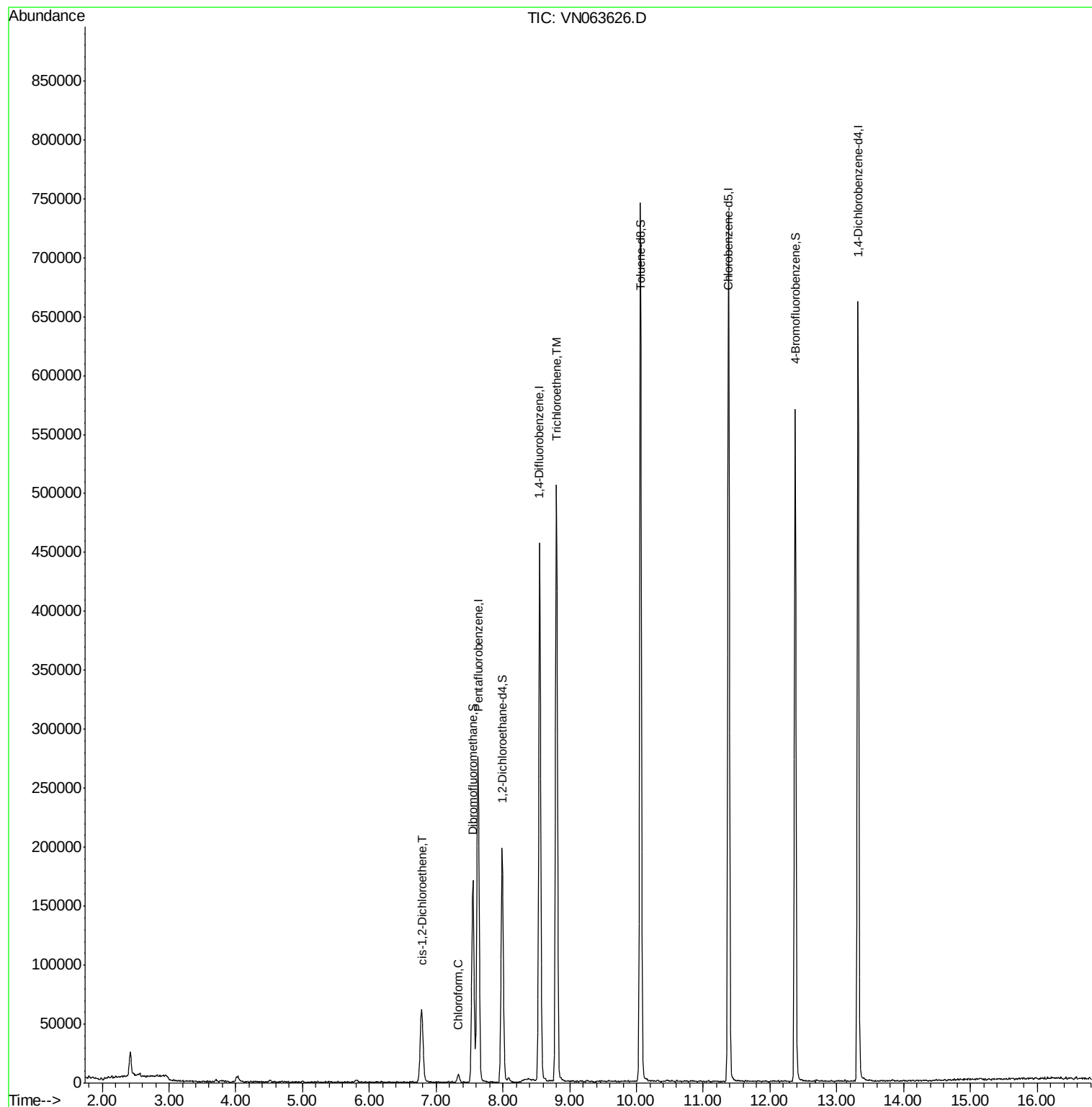
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175102	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	7.55	113	125047	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	10.06	98	487924	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.38	95	190314	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	30563	10.685	ug/l	91
30) Chloroform	7.33	83	6420	1.274	ug/l	96
44) Trichloroethene	8.80	130	164173	58.353	ug/l	96

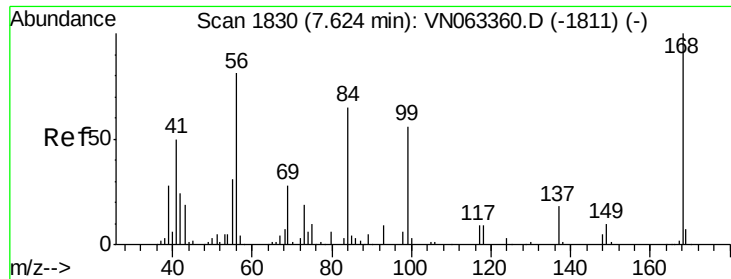
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
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QLast Update : Wed Sep 16 13:05:20 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: VN063626.D

Acq: 24 Sep 2020 14:17

Instrument :

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ClientSampleId :

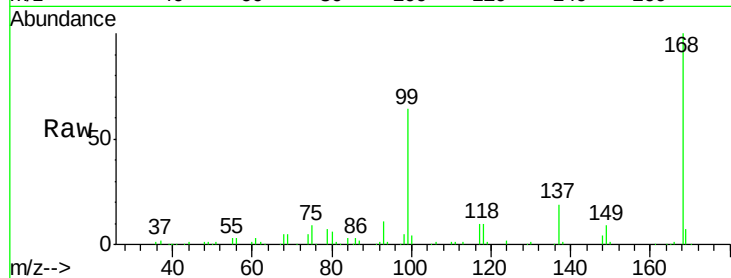
RE104D2-20200917DL

Tot Ion:168 Resp: 202123

Ion Ratio Lower Upper

168 100

99 64.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

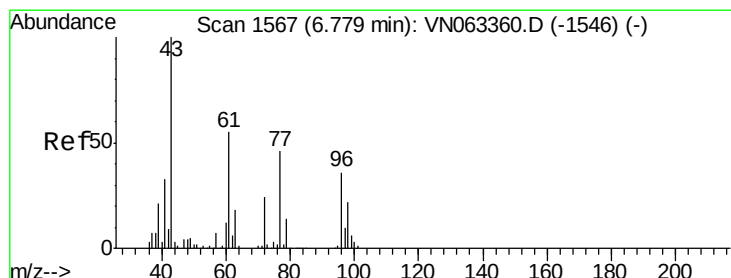
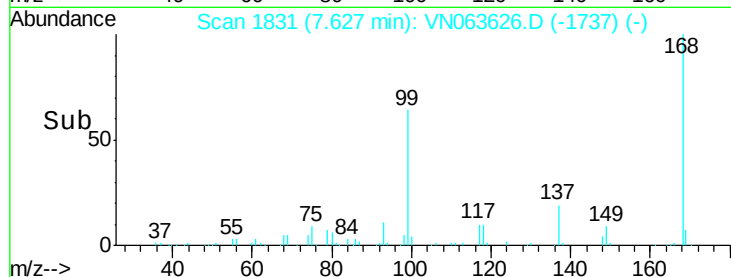
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#27

cis-1,2-Dichloroethene

Concen: 10.685 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063626.D

Acq: 24 Sep 2020 14:17

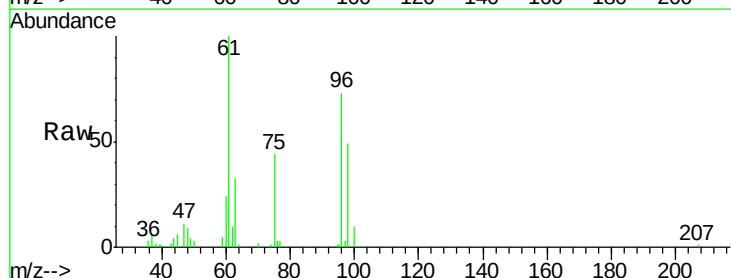
Tgt Ion: 96 Resp: 30563

Ion Ratio Lower Upper

96 100

61 146.2 0.0 319.6

98 67.2 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

20000

15000

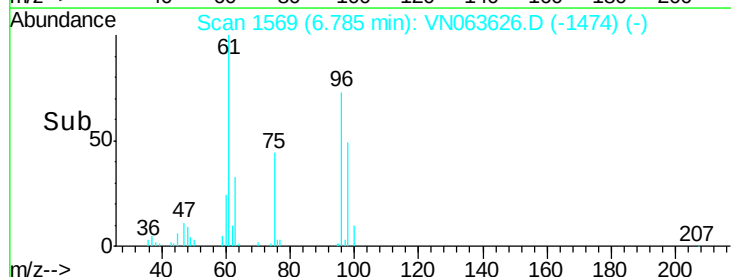
10000

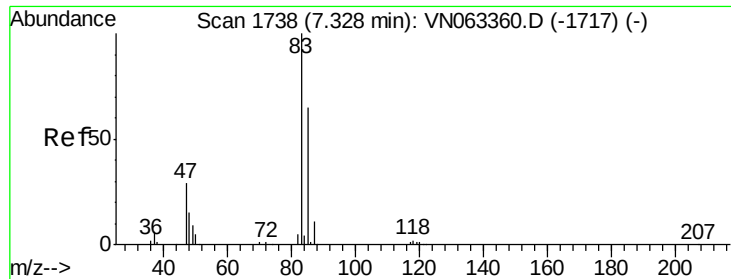
5000

0

Time-->

6.70 6.80 6.90

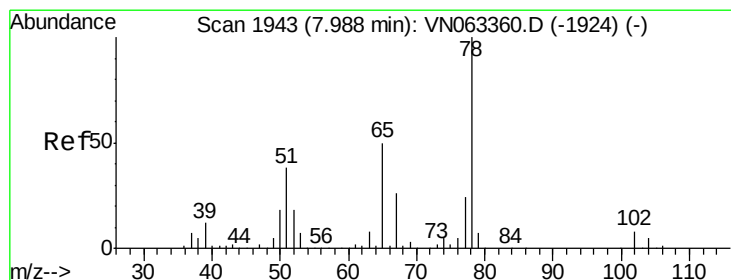
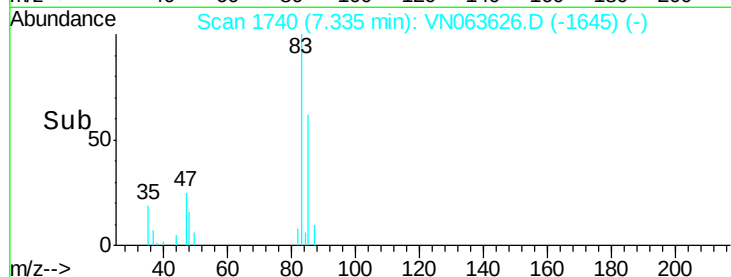
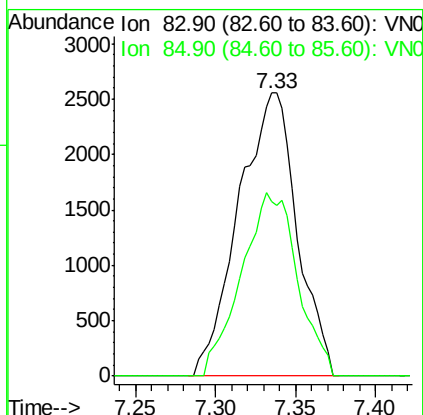
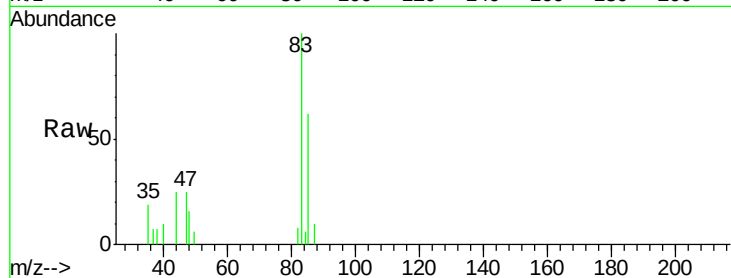




#30
Chloroform
Concen: 1.274 ug/l
RT: 7.33 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VN063626.D
Acq: 24 Sep 2020 14:17

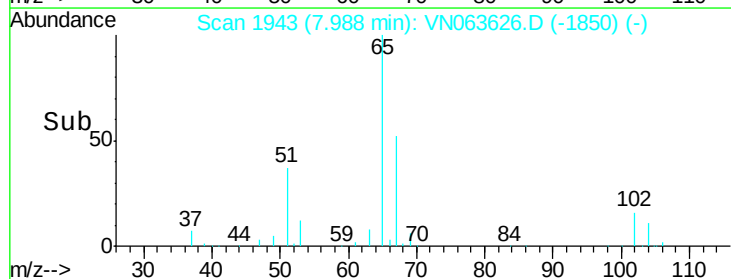
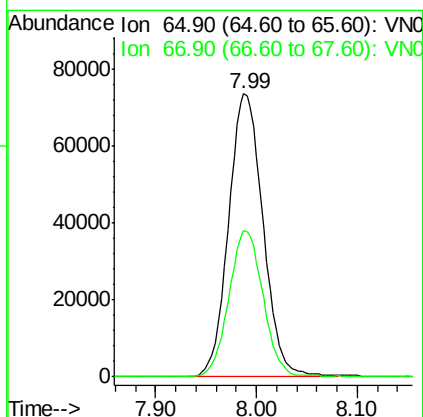
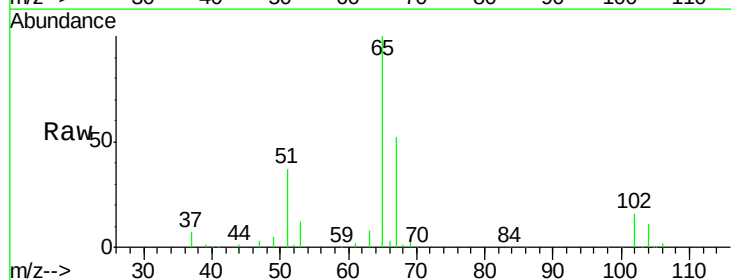
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20200917DL

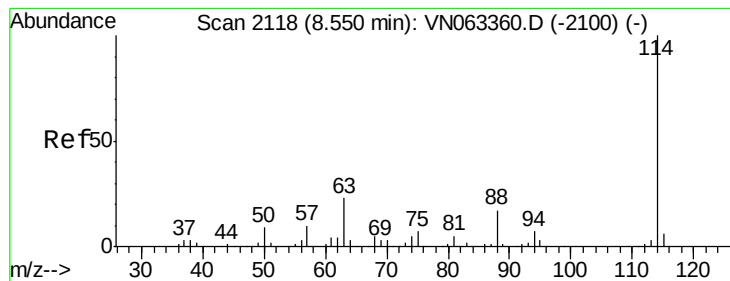
Tot Ion: 83 Resp: 6420
Ion Ratio Lower Upper
83 100
85 61.6 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 50.892 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063626.D
Acq: 24 Sep 2020 14:17

Tgt Ion: 65 Resp: 175102
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063626.D

Acq: 24 Sep 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20200917DL

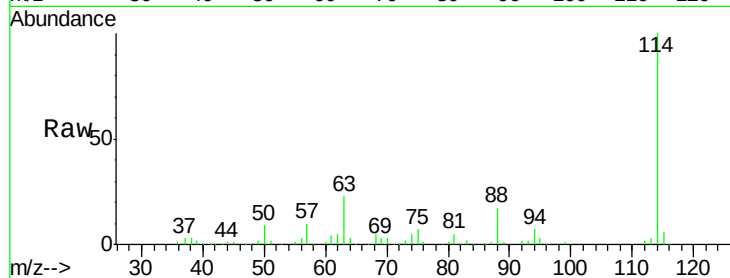
Tot Ion:114 Resp: 381418

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

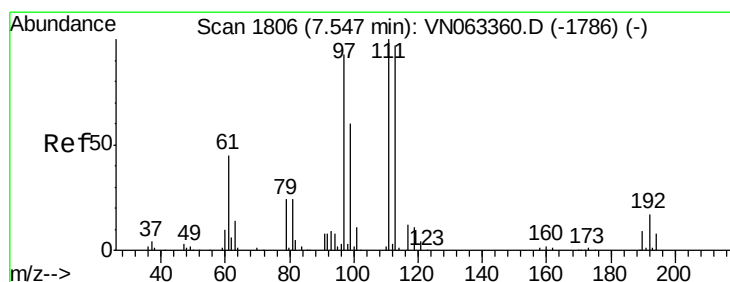
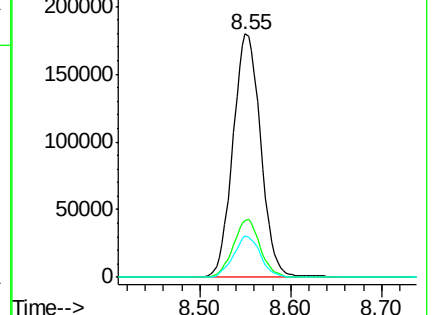
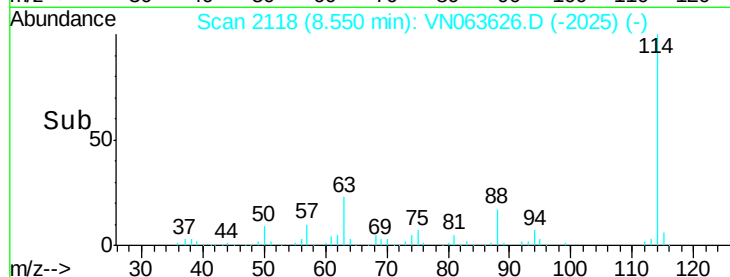
88 16.9 0.0 33.2



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: 47.358 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063626.D

Acq: 24 Sep 2020 14:17

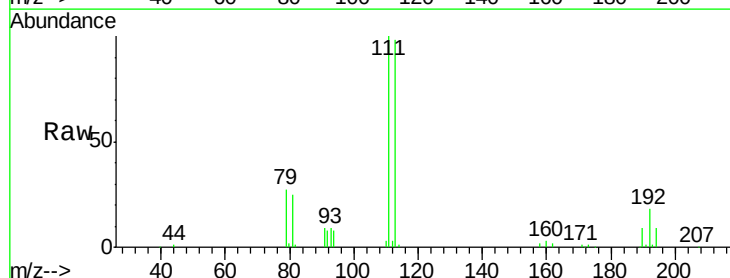
Tgt Ion:113 Resp: 125047

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

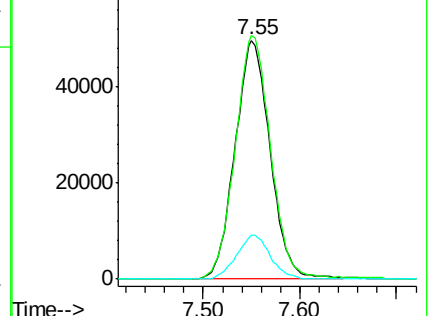
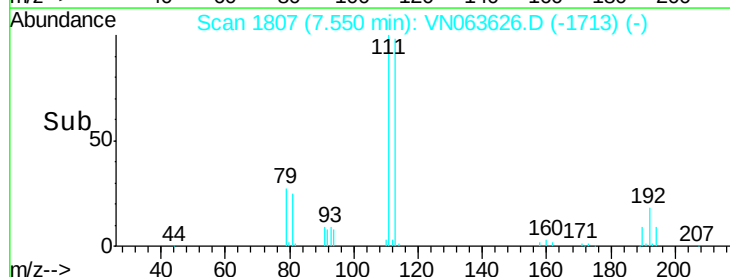
192 17.7 13.9 20.9

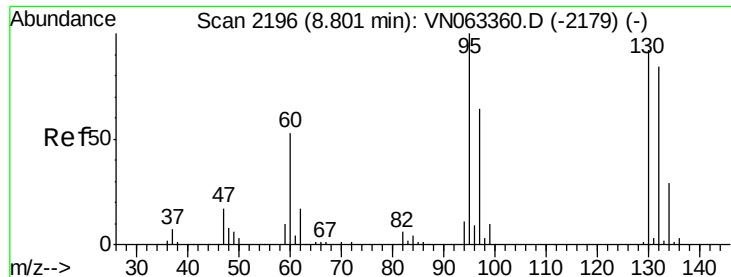


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 58.353 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063626.D

Acq: 24 Sep 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

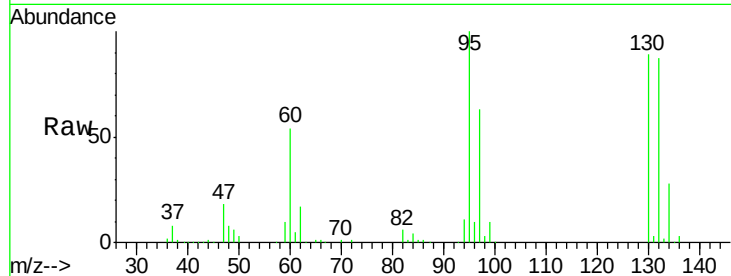
RE104D2-20200917DL

Tot Ion:130 Resp: 164173

Ion Ratio Lower Upper

130 100

95 112.4 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

100000

80000

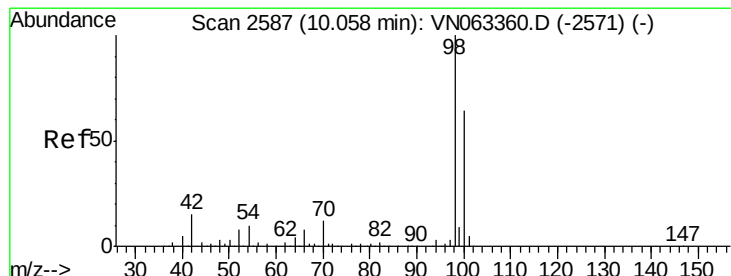
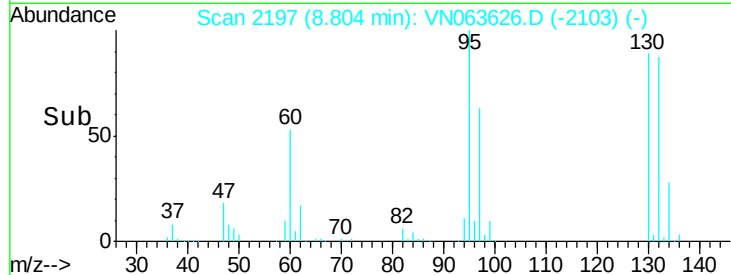
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 49.143 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063626.D

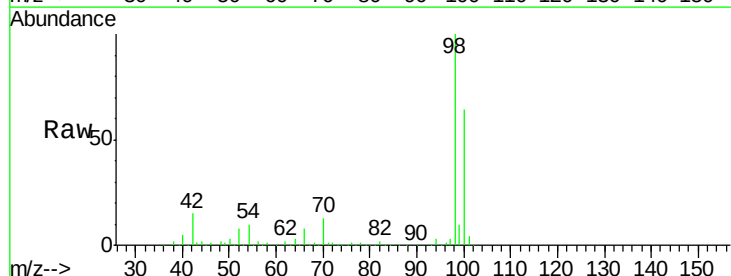
Acq: 24 Sep 2020 14:17

Tgt Ion: 98 Resp: 487924

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

300000

250000

200000

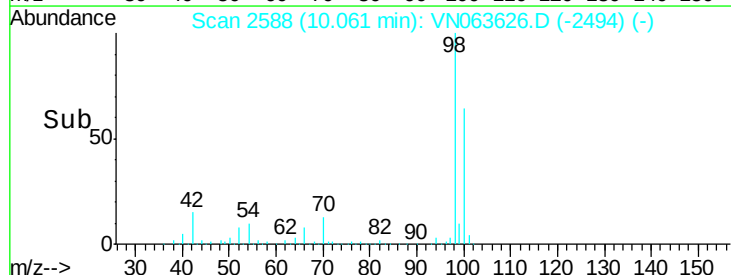
150000

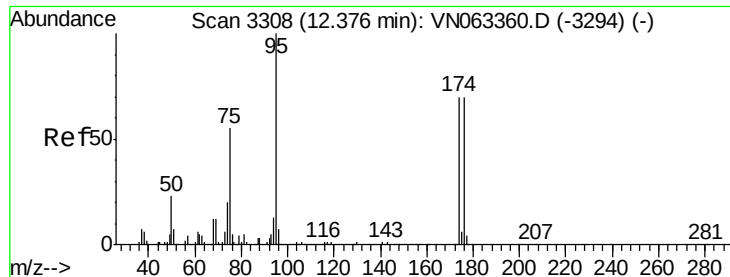
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.289 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063626.D

Acq: 24 Sep 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20200917DL

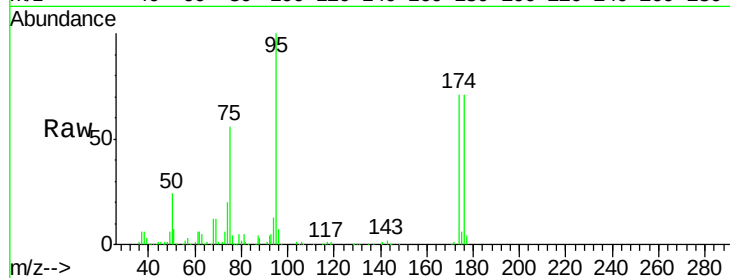
Tot Ion: 95 Resp: 190314

Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.8

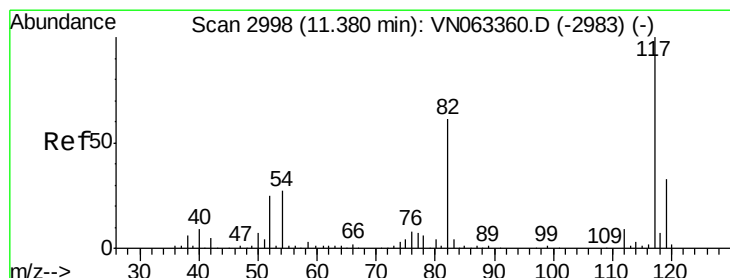
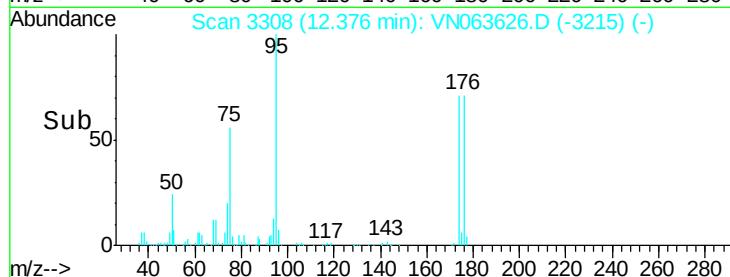
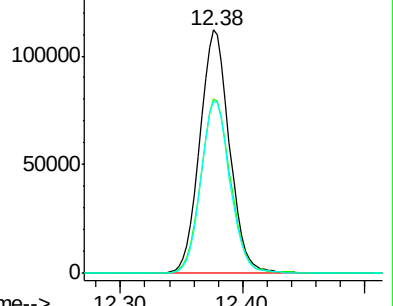
176 69.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063626.D

Acq: 24 Sep 2020 14:17

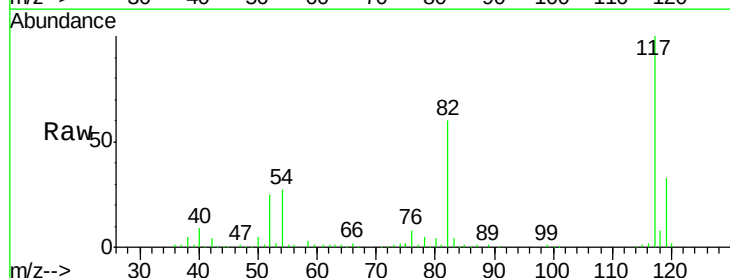
Tgt Ion: 117 Resp: 380839

Ion Ratio Lower Upper

117 100

82 60.3 49.2 73.8

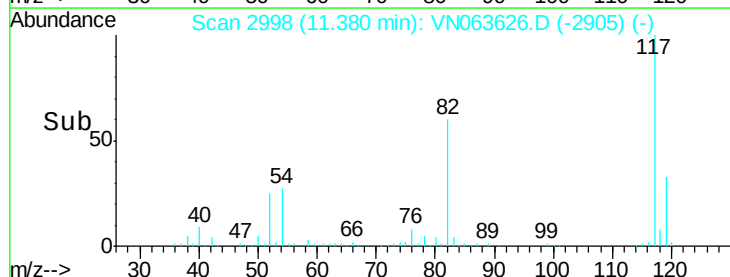
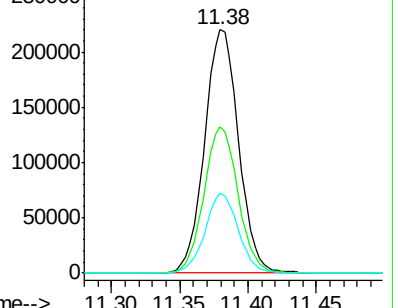
119 32.5 26.2 39.4

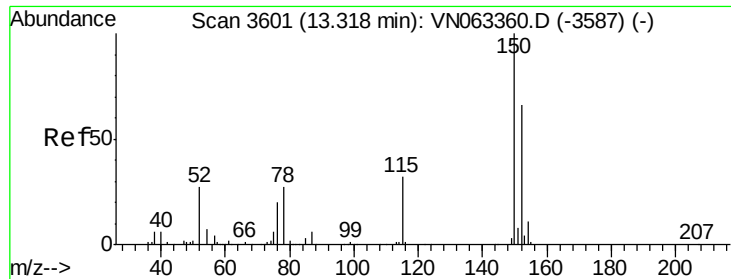


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063626.D

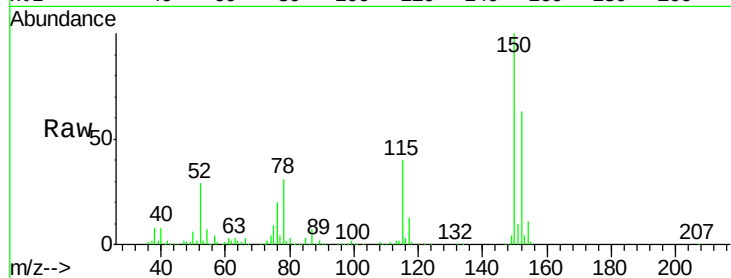
Acq: 24 Sep 2020 14:17

Instrument :

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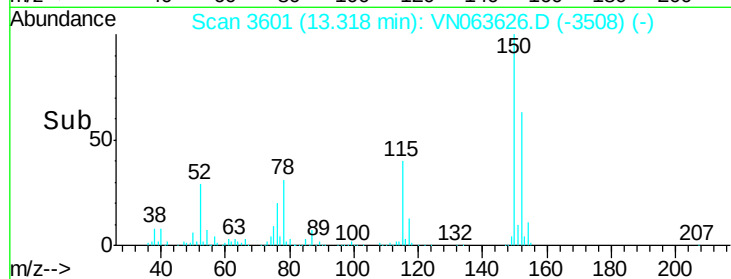
Tot Ion:152 Resp: 156528

Ion Ratio Lower Upper

152 100

115 63.3 32.2 96.6

150 157.1 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

