

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063678.D
 Acq On : 25 Sep 2020 15:07
 Operator : JC/MD
 Sample : L4119-12DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20200921DL

Quant Time: Sep 28 02:25:26 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

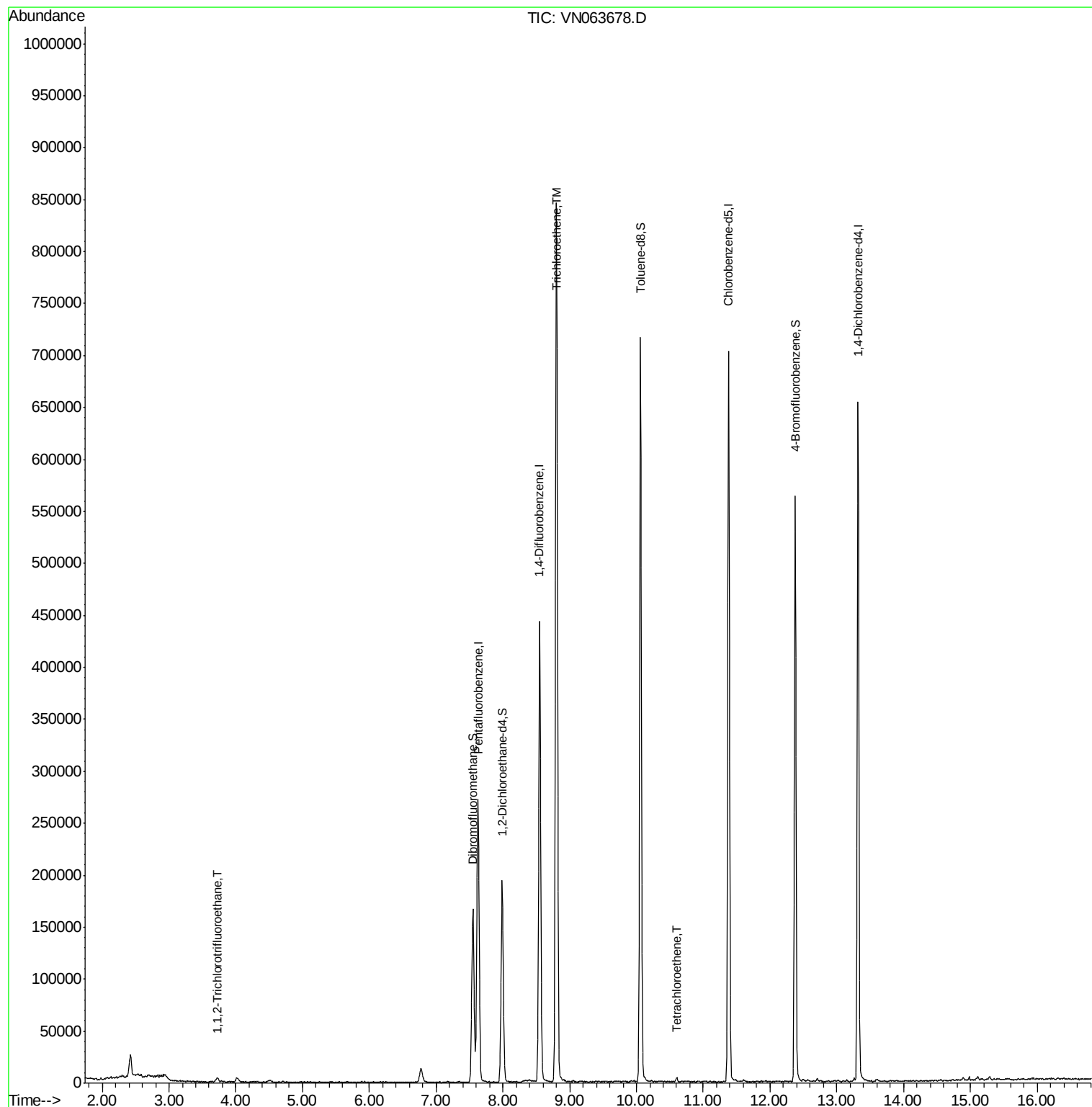
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	196717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	370023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167927	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	7.55	113	120160	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	10.06	98	469764	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	183929	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2142	0.977	ug/l #	79
44) Trichloroethene	8.80	130	281306	105.611	ug/l	98
64) Tetrachloroethene	10.60	164	748	0.297	ug/l #	74

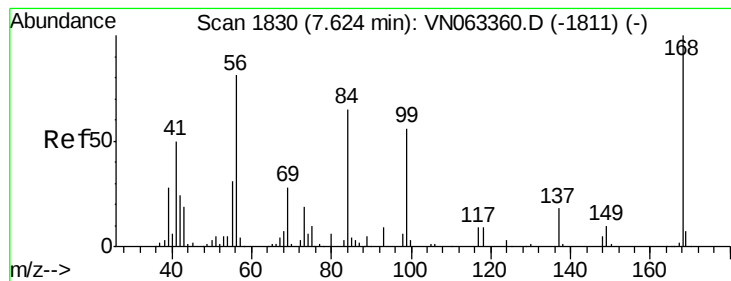
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

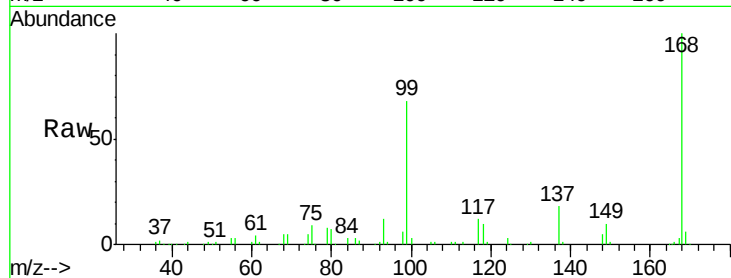
DUP05-20200921DL

Tot Ion:168 Resp: 196717

Ion Ratio Lower Upper

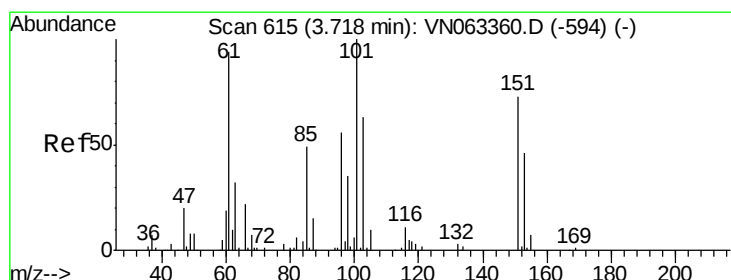
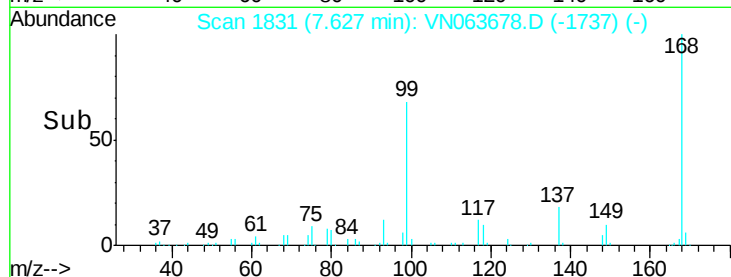
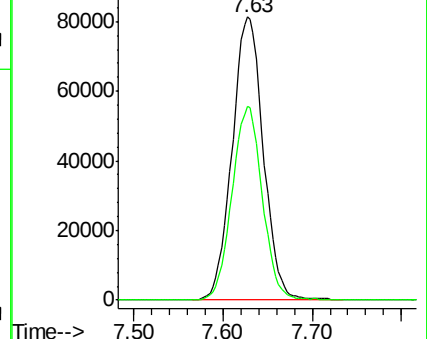
168 100

99 68.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.977 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063678.D

Acq: 25 Sep 2020 15:07

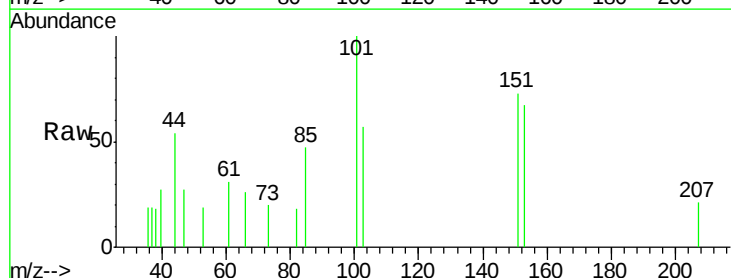
Tgt Ion:101 Resp: 2142

Ion Ratio Lower Upper

101 100

85 33.2 37.7 56.5#

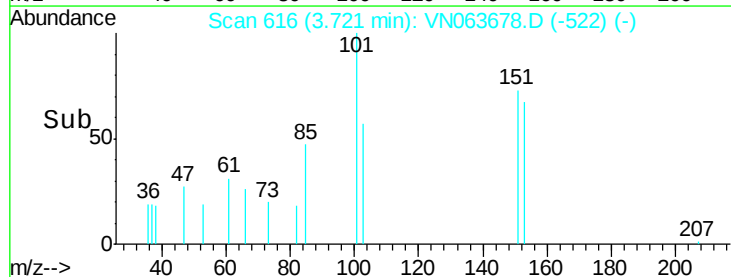
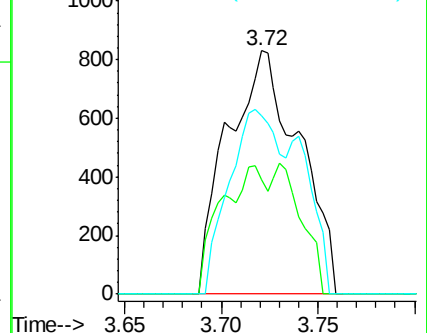
151 54.6 57.7 86.5#

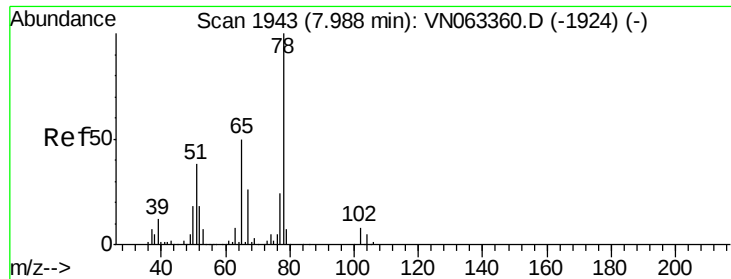


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





#33

1,2-Dichloroethane-d4

Concen: 50.148 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063678.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

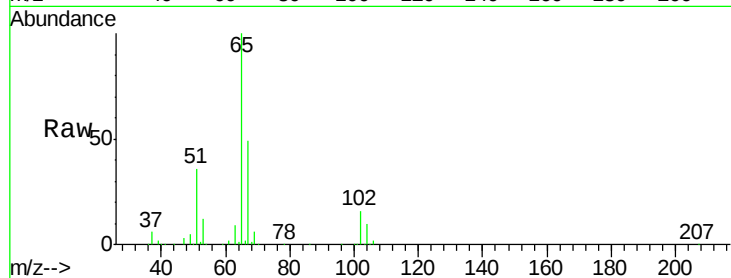
DUP05-20200921DL

Tot Ion: 65 Resp: 167927

Ion Ratio Lower Upper

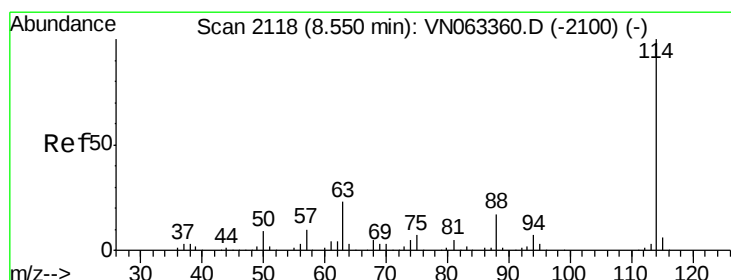
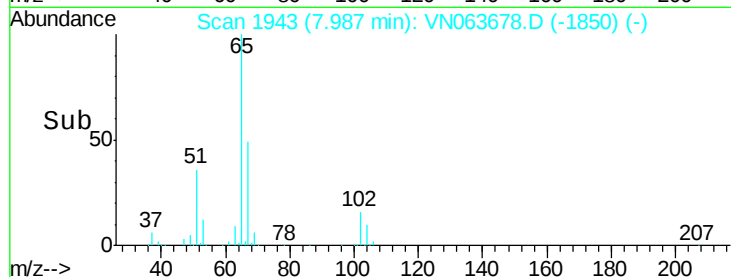
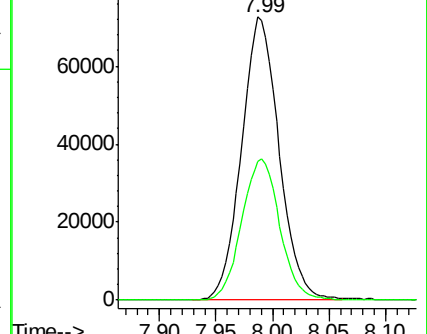
65 100

67 50.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063678.D

Acq: 25 Sep 2020 15:07

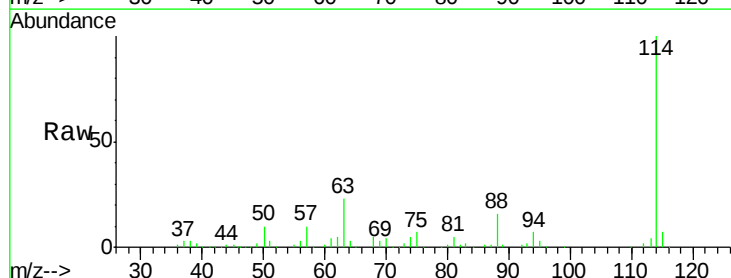
Tgt Ion: 114 Resp: 361102

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.4

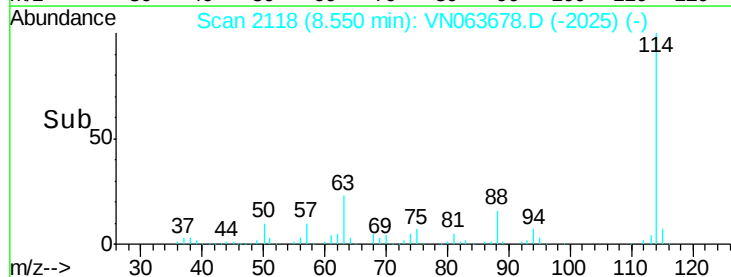
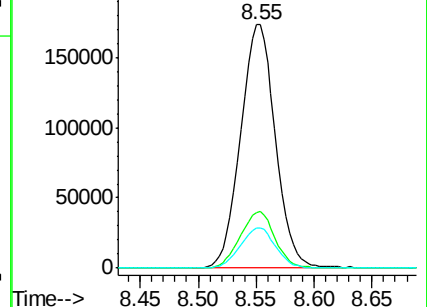
88 16.5 0.0 33.2

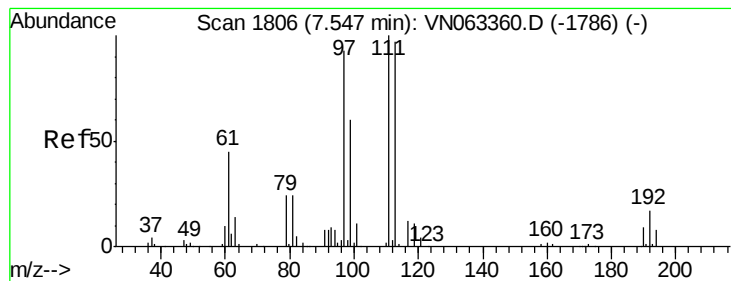


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)





#35

Dibromofluoromethane

Concen: 48.067 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063678.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200921DL

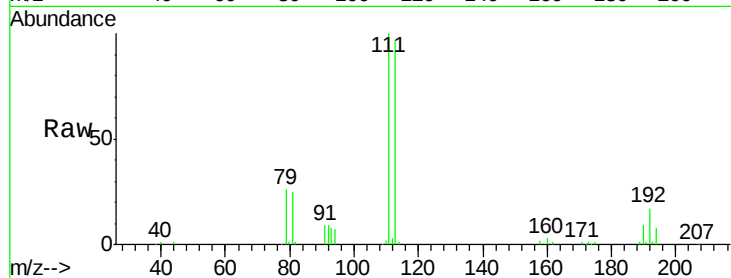
Tot Ion:113 Resp: 120160

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

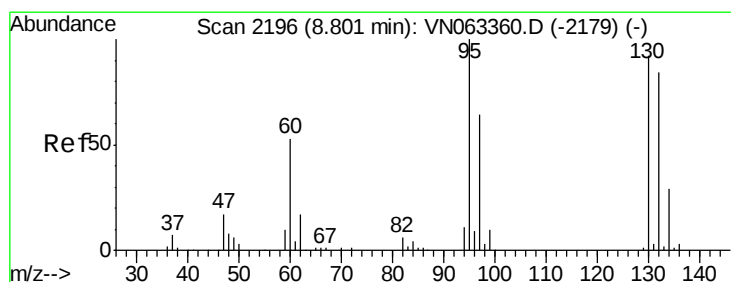
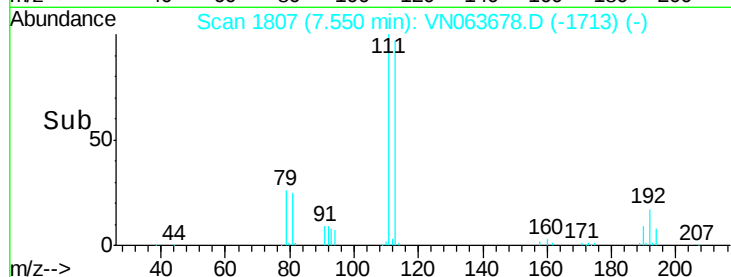
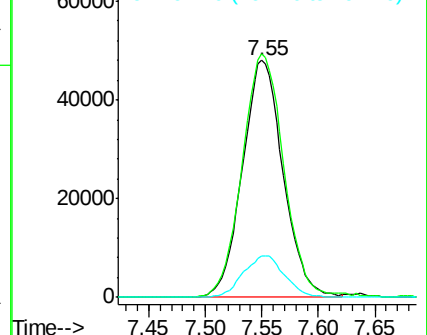
192 17.8 13.9 20.9



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: 105.611 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063678.D

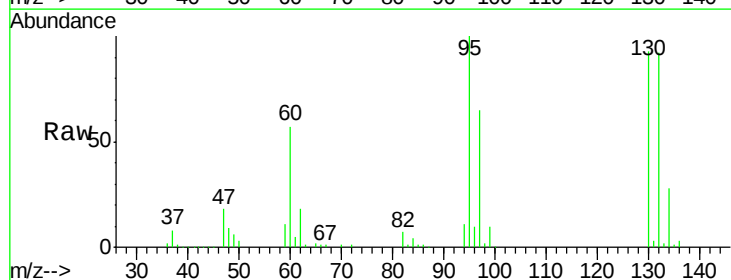
Acq: 25 Sep 2020 15:07

Tgt Ion:130 Resp: 281306

Ion Ratio Lower Upper

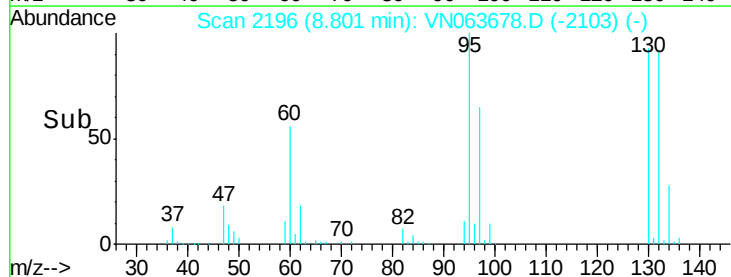
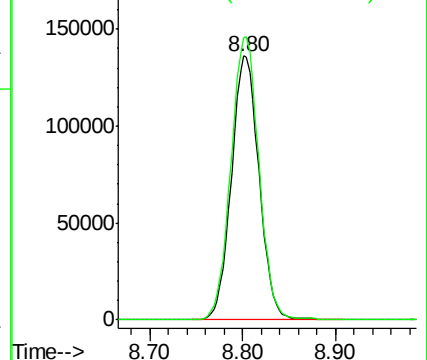
130 100

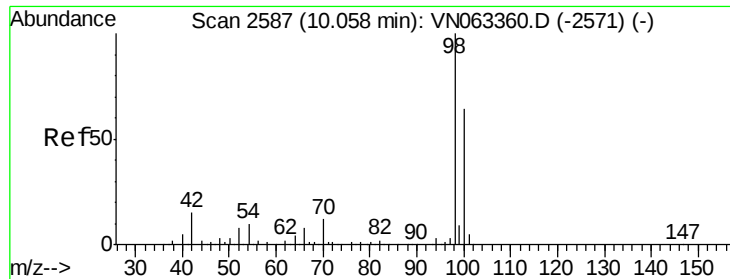
95 107.0 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.976 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063678.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

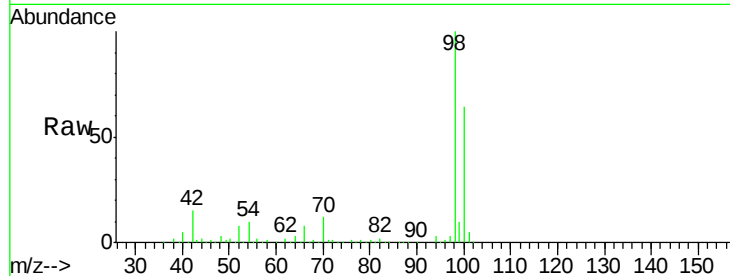
DUP05-20200921DL

Tot Ion: 98 Resp: 469764

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

250000

200000

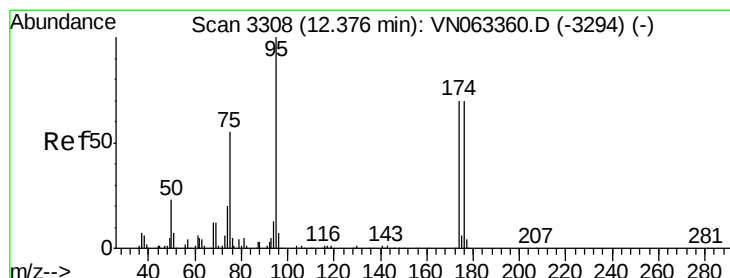
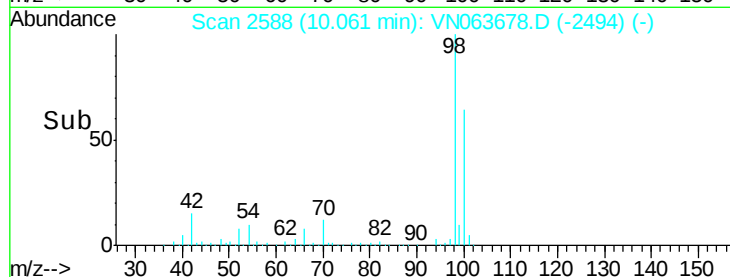
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.378 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063678.D

Acq: 25 Sep 2020 15:07

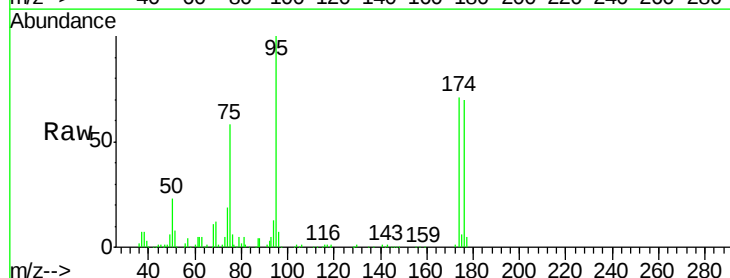
Tgt Ion: 95 Resp: 183929

Ion Ratio Lower Upper

95 100

174 72.9 0.0 140.8

176 71.2 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) (-)

12.38

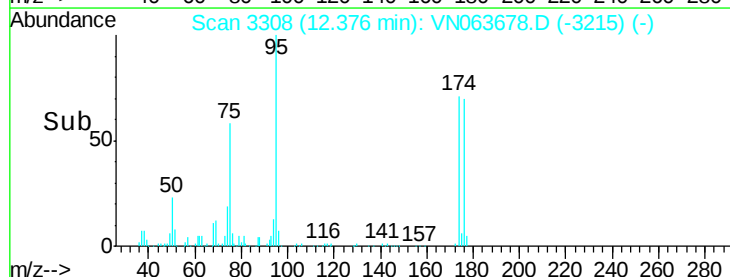
150000

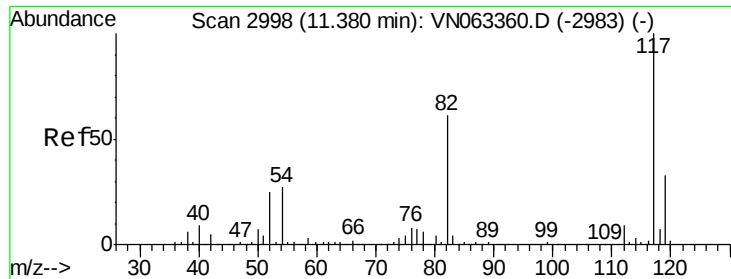
100000

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: VN063678.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20200921DL

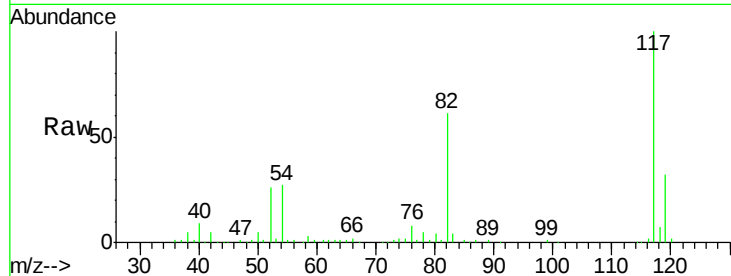
Tot Ion:117 Resp: 370023

Ion Ratio Lower Upper

117 100

82 60.7 49.2 73.8

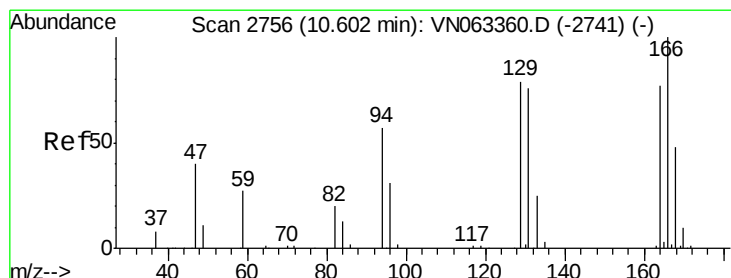
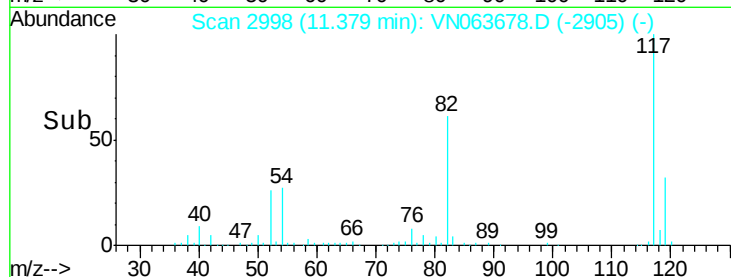
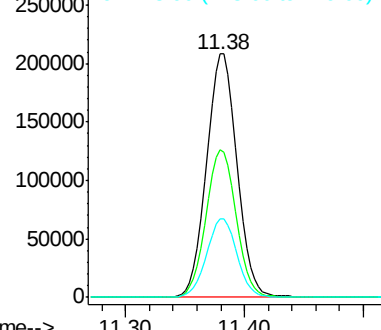
119 32.5 26.2 39.4



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



#64

Tetrachloroethene

Concen: 0.297 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063678.D

Acq: 25 Sep 2020 15:07

Tgt Ion:164 Resp: 748

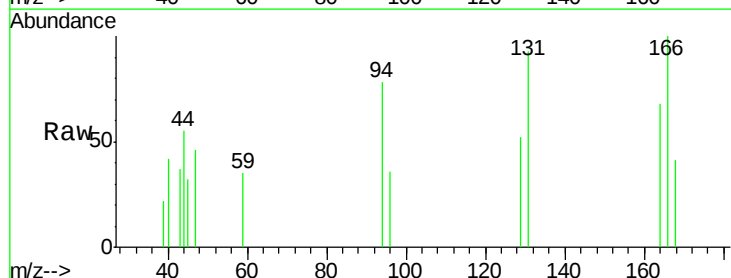
Ion Ratio Lower Upper

164 100

166 148.1 103.4 155.0

129 77.6 81.8 122.6#

131 137.2 78.2 117.4#

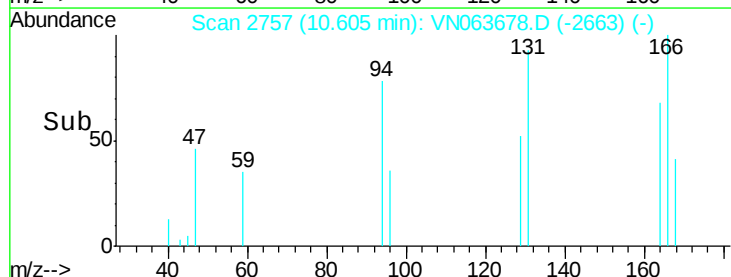
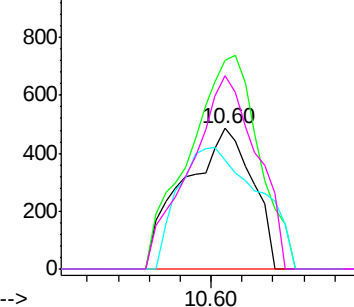


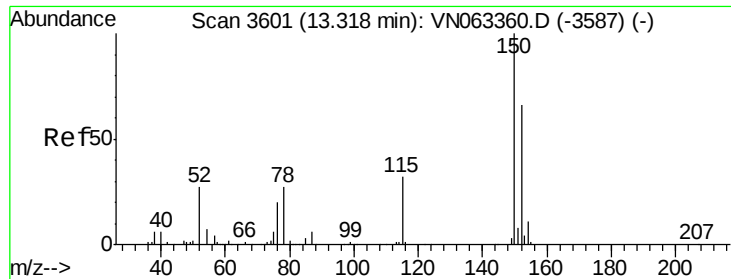
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN063678.D

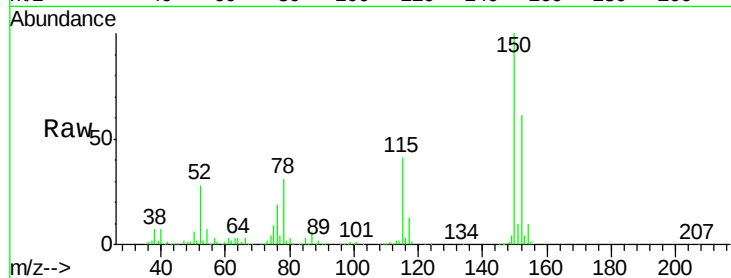
Acq: 25 Sep 2020 15:07

Instrument :

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DUP05-20200921DL



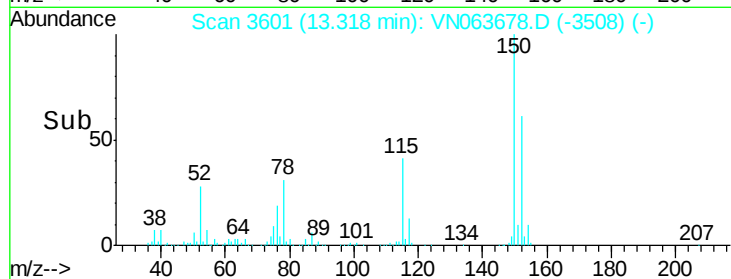
Tot Ion:152 Resp: 156154

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 161.3 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

