

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062134.D
 Acq On : 26 Jun 2020 13:00
 Operator : JC/MD
 Sample : L3043-19DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20200615DL

Quant Time: Jun 27 04:18:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

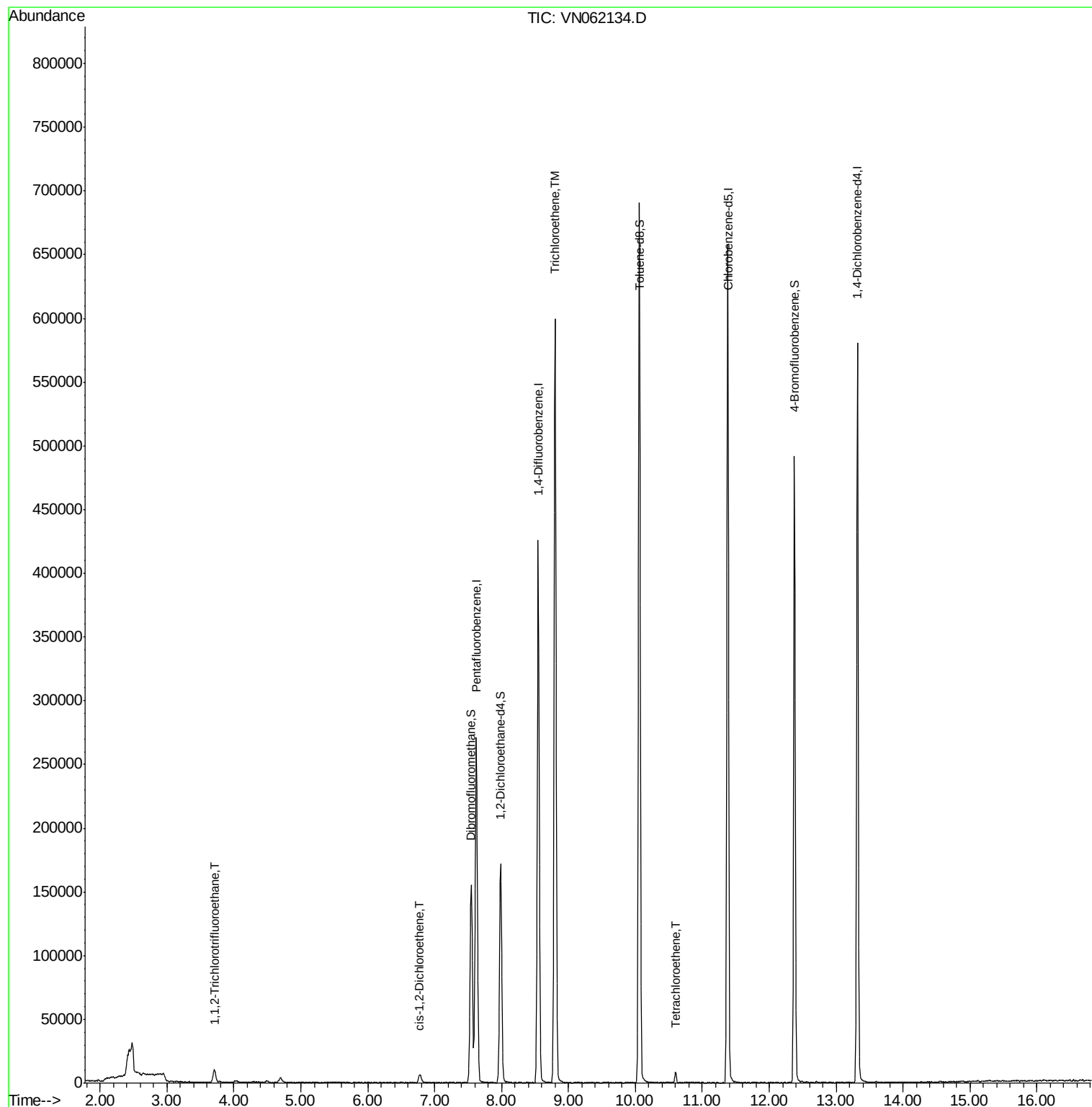
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	216475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	143932	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.55	113	122085	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	10.06	98	489534	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.38	95	173249	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	6722	2.703	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	942	0.296	ug/l	78
44) Trichloroethene	8.80	130	227738	74.903	ug/l	97
64) Tetrachloroethene	10.60	164	2063	0.771	ug/l #	76

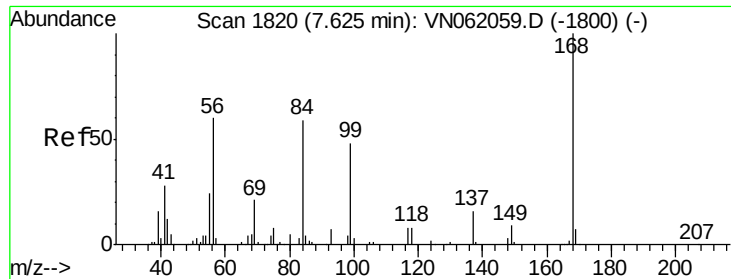
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

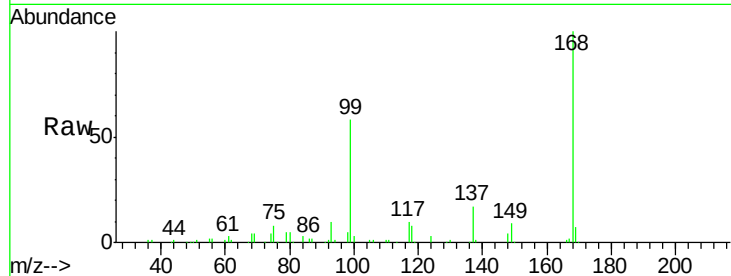
RE120D2-20200615DL

Tot Ion:168 Resp: 216475

Ion Ratio Lower Upper

168 100

99 58.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

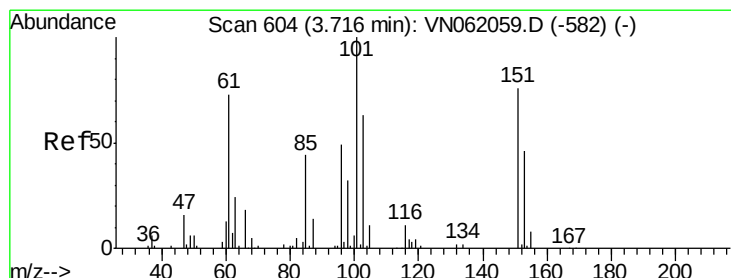
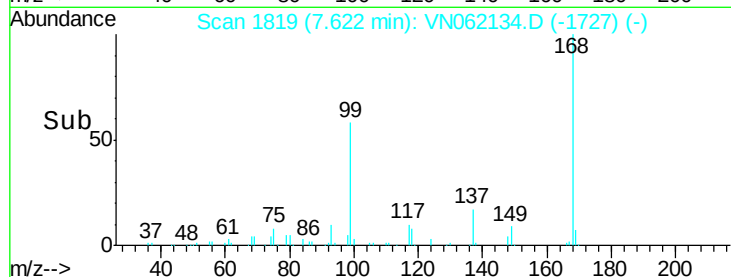
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.703 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

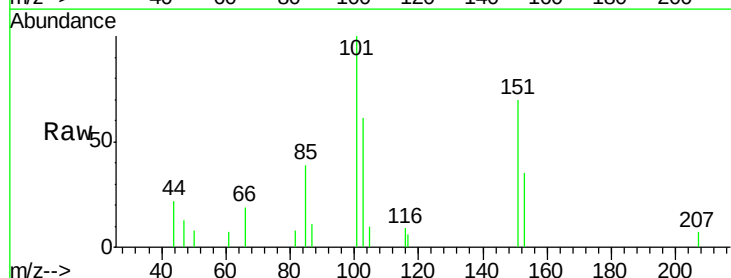
Tgt Ion:101 Resp: 6722

Ion Ratio Lower Upper

101 100

85 41.7 34.5 51.7

151 68.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3000

2500

2000

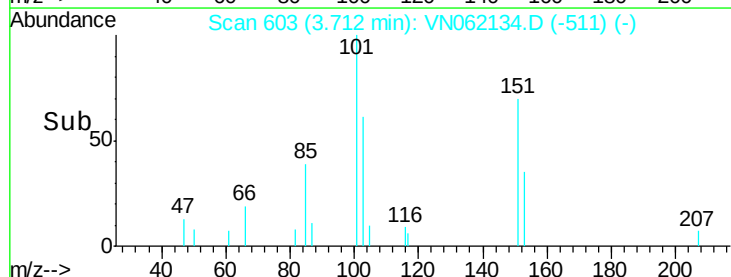
1500

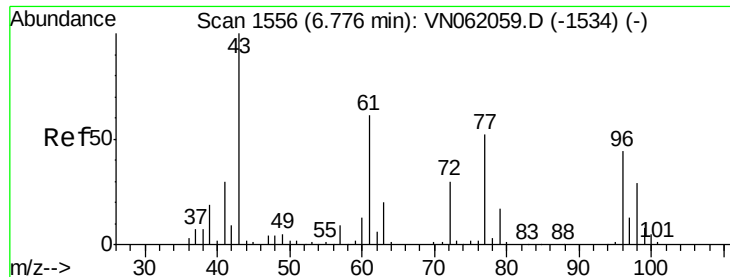
1000

500

0

Time--> 3.65 3.70 3.75 3.80





#27

cis-1,2-Dichloroethene

Concen: 0.296 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20200615DL

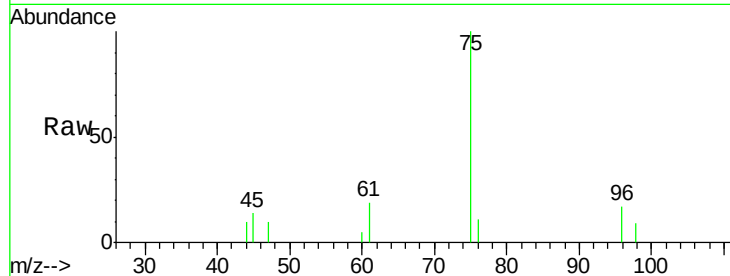
Tot Ion: 96 Resp: 942

Ion	Ratio	Lower	Upper
96	100		
61	170.2	0.0	280.4
98	76.6	0.0	129.4

96 100

61 170.2 0.0 280.4

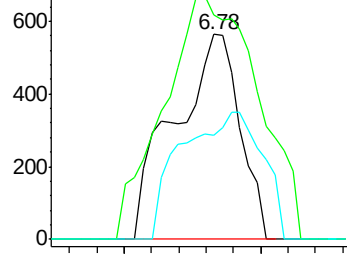
98 76.6 0.0 129.4



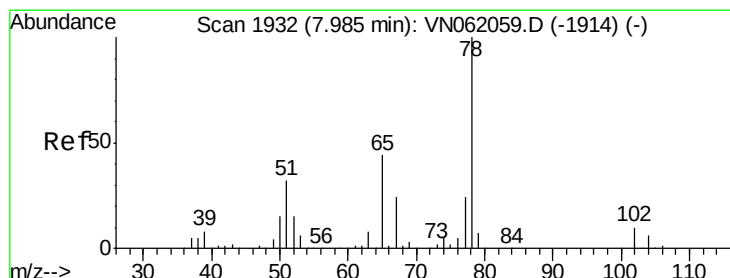
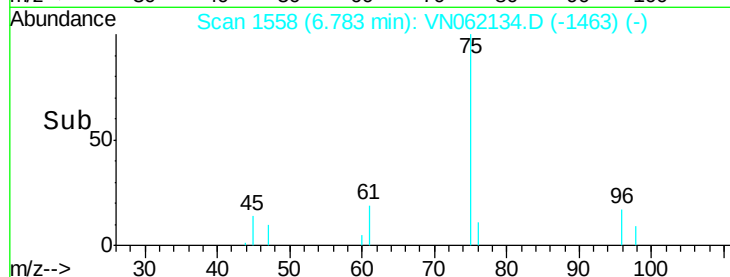
Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.379 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062134.D

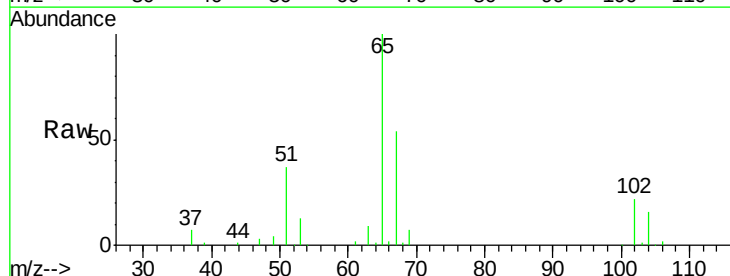
Acq: 26 Jun 2020 13:00

Tgt Ion: 65 Resp: 143932

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.2

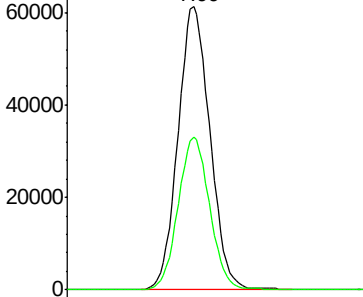
65 100

67 53.0 0.0 106.2

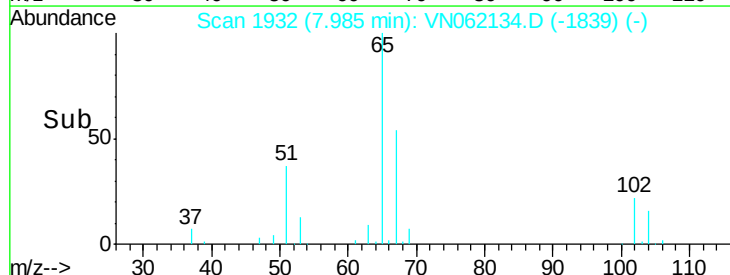


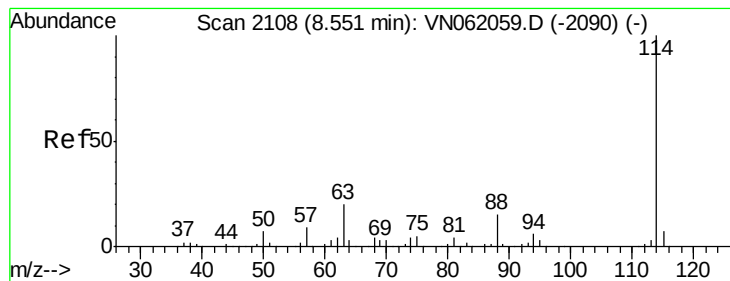
Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20200615DL

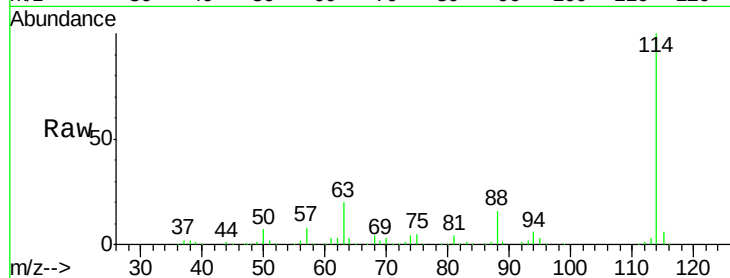
Tot Ion:114 Resp: 393424

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.8 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

250000

200000

150000

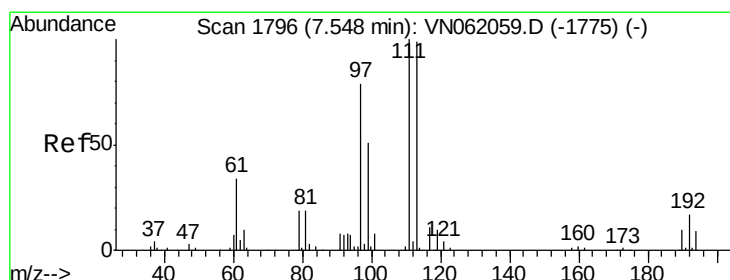
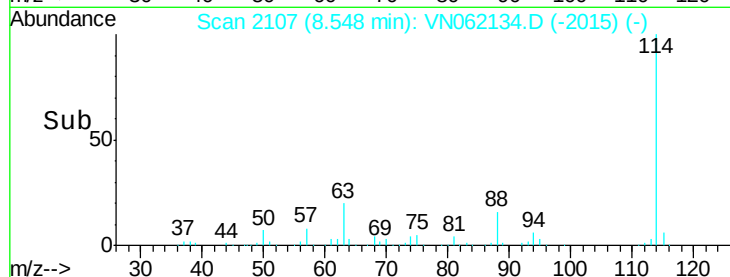
100000

50000

0

8.55

Time-->



#35

Dibromofluoromethane

Concen: 48.370 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

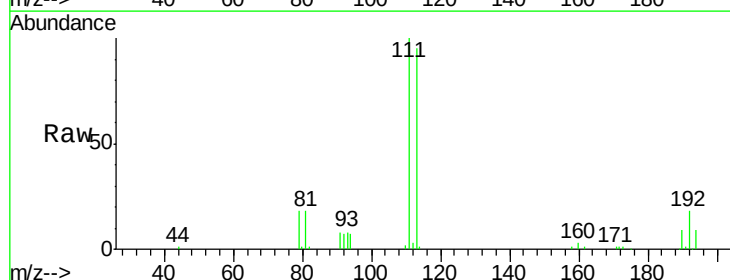
Tgt Ion:113 Resp: 122085

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 18.9 14.0 21.0



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

60000

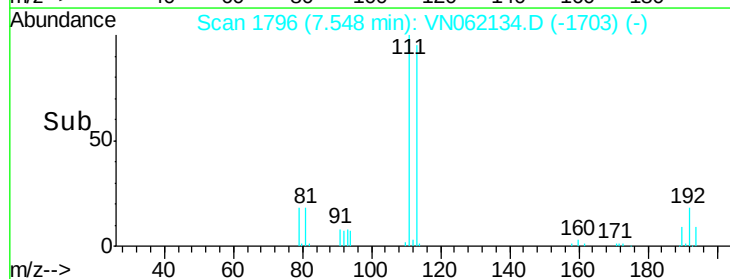
40000

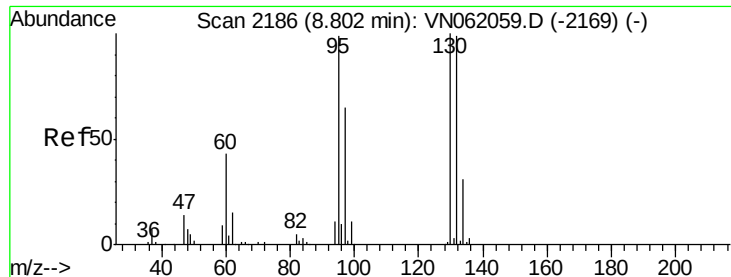
20000

0

7.55

Time-->





#44

Trichloroethene

Concen: 74.903 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

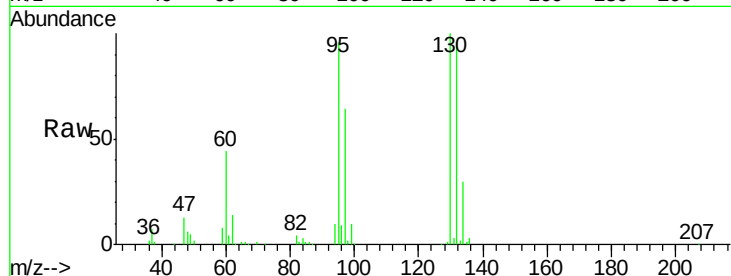
RE120D2-20200615DL

Tot Ion:130 Resp: 227738

Ion Ratio Lower Upper

130 100

95 96.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

8.80

120000

100000

80000

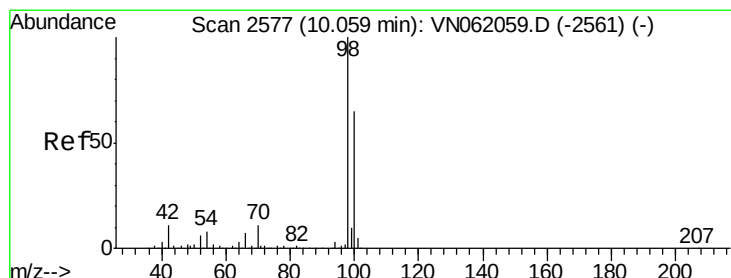
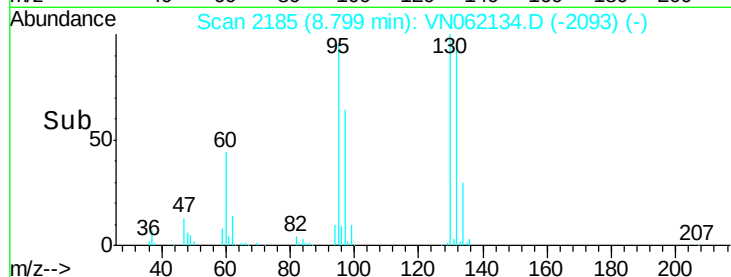
60000

40000

20000

0

Time--> 8.70 8.80 8.90



#50

Toluene-d8

Concen: 48.520 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062134.D

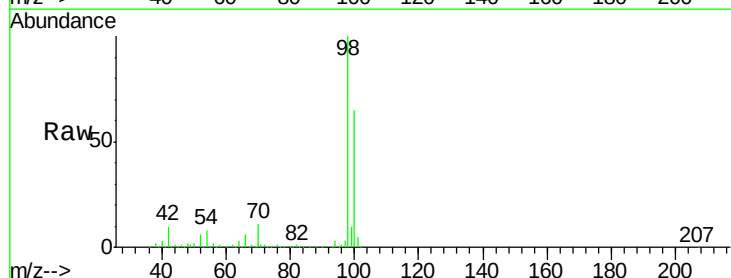
Acq: 26 Jun 2020 13:00

Tgt Ion: 98 Resp: 489534

Ion Ratio Lower Upper

98 100

100 65.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

10.06

300000

250000

200000

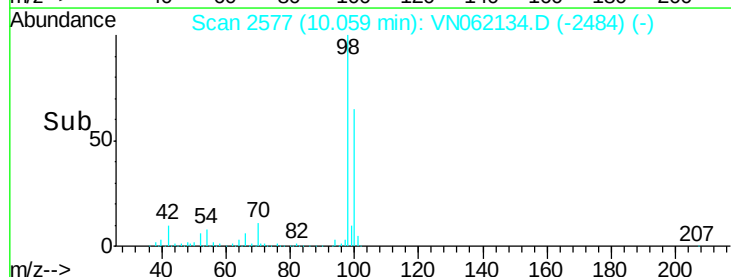
150000

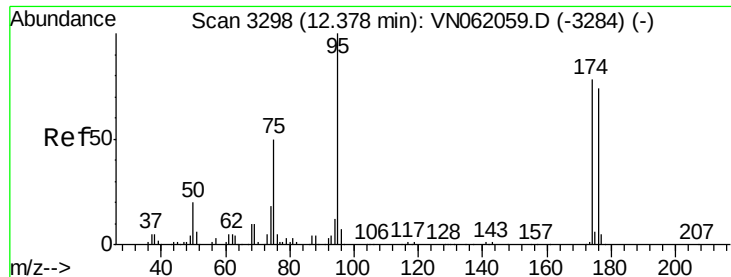
100000

50000

0

Time--> 10.00 10.10





#62

4-Bromofluorobenzene

Concen: 50.825 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20200615DL

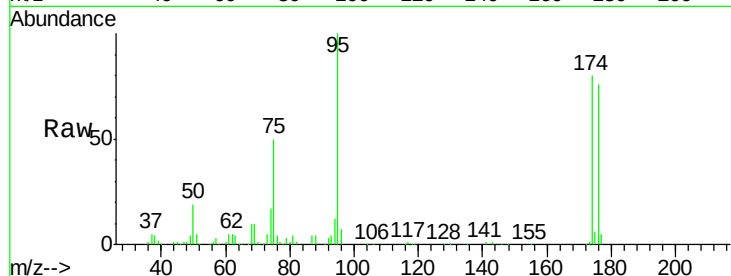
Tot Ion: 95 Resp: 173249

Ion Ratio Lower Upper

95 100

174 79.8 0.0 154.8

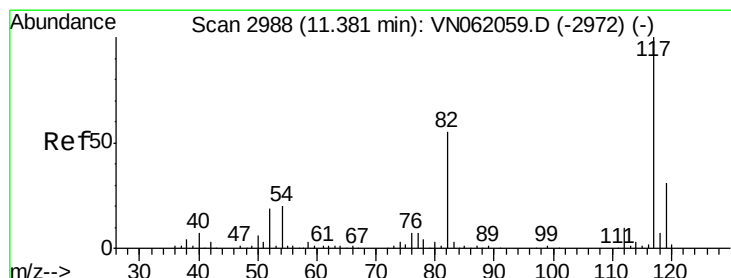
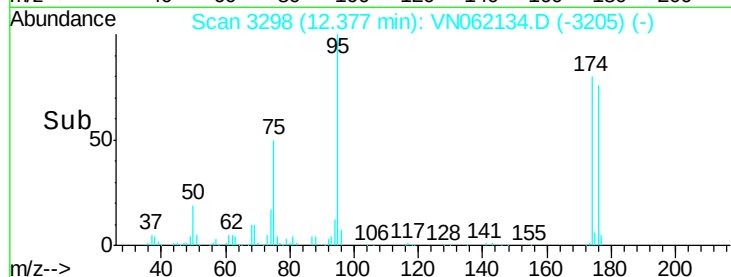
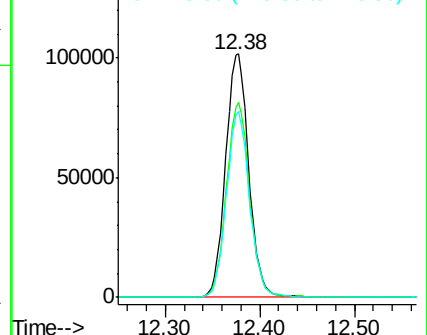
176 75.9 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062134.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062134.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062134.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062134.D

Acq: 26 Jun 2020 13:00

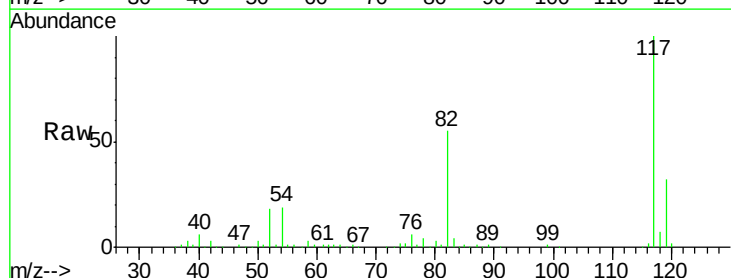
Tgt Ion: 117 Resp: 391575

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

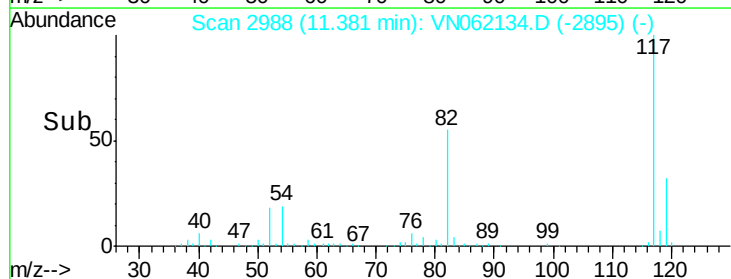
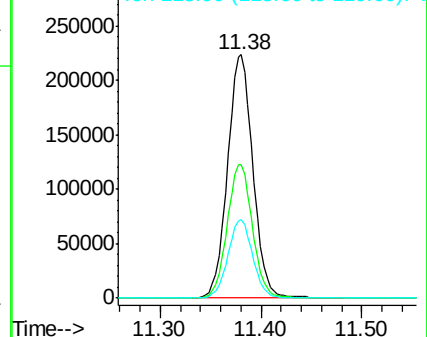
119 32.2 25.2 37.8

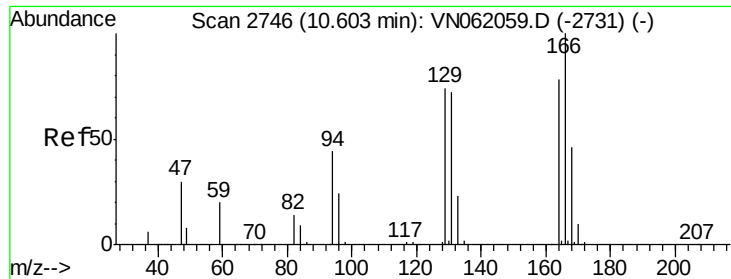


Abundance Ion 116.90 (116.60 to 117.60): VN062134.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062134.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062134.D (-2895) (-)

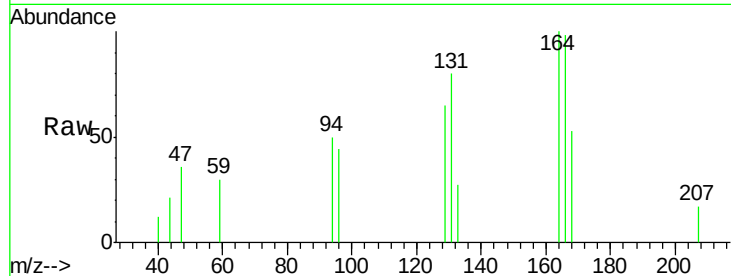




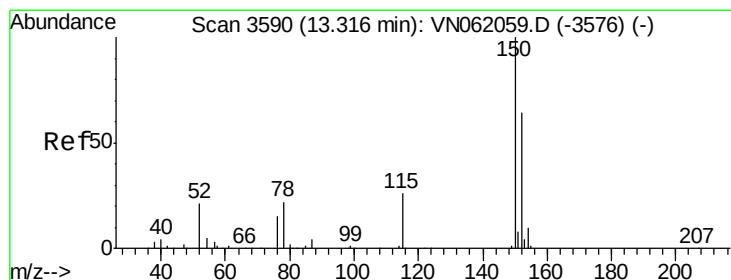
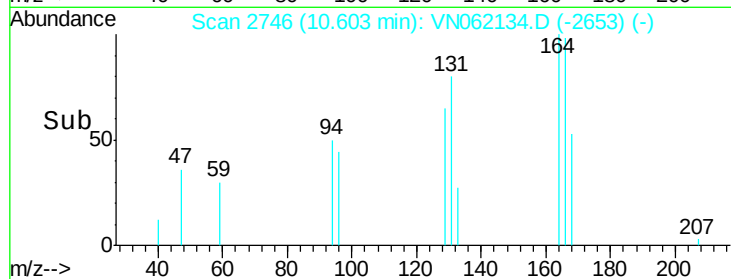
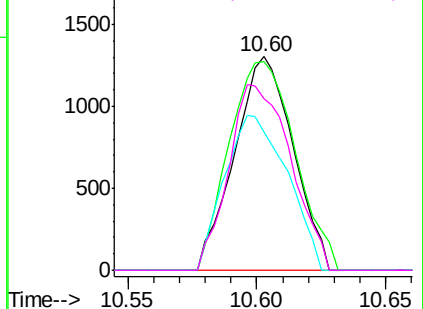
#64
Tetrachloroethene
Concen: 0.771 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062134.D
Acq: 26 Jun 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20200615DL

Tot Ion:164 Resp: 2063
Ion Ratio Lower Upper
164 100
166 97.9 102.9 154.3#
129 65.0 75.8 113.8#
131 80.0 73.8 110.6

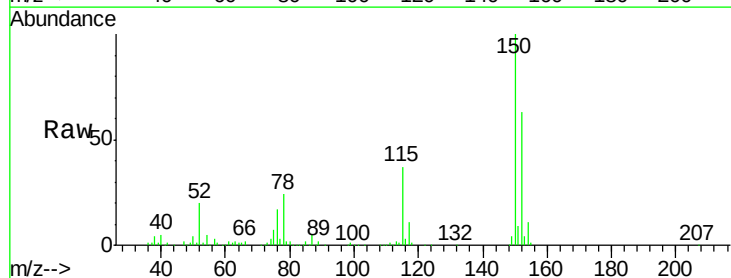


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062134.D
Acq: 26 Jun 2020 13:00

Tgt Ion:152 Resp: 159511
Ion Ratio Lower Upper
152 100
115 58.8 29.5 88.5
150 157.6 0.0 351.4



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

