

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062220\
 Data File : VN062009.D
 Acq On : 22 Jun 2020 19:07
 Operator : JC/MD
 Sample : L3043-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20200615

Quant Time: Jun 23 14:45:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

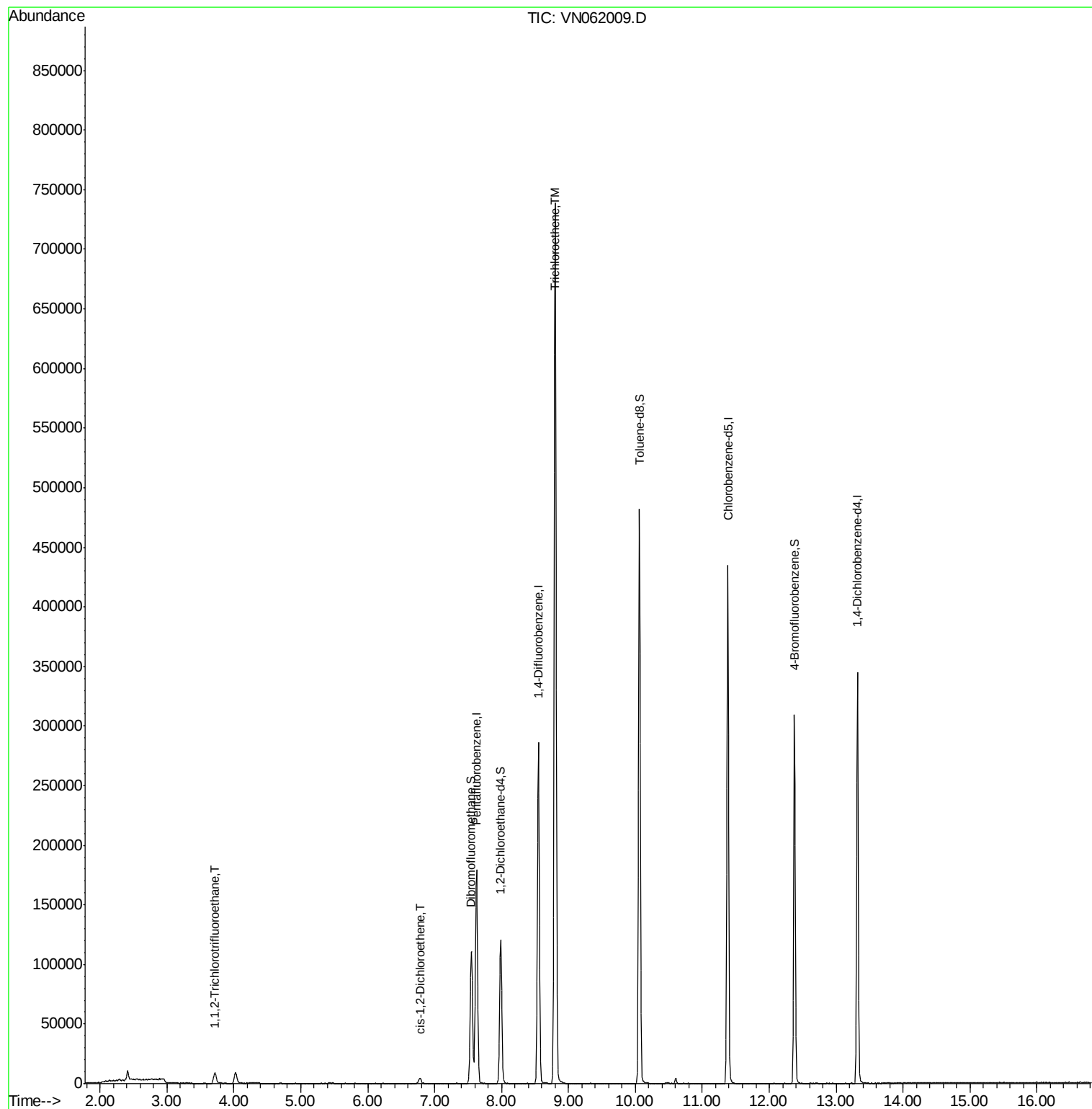
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	141707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	93941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101757	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	7.55	113	85585	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.06	98	335878	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.38	95	109418	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	5949	4.140	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	1022	0.536	ug/l	76
44) Trichloroethene	8.80	130	275606	143.989	ug/l	99

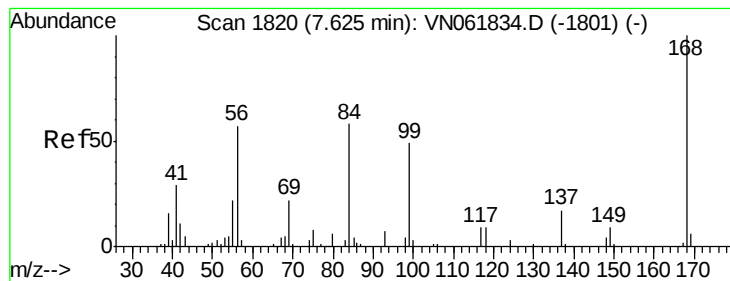
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

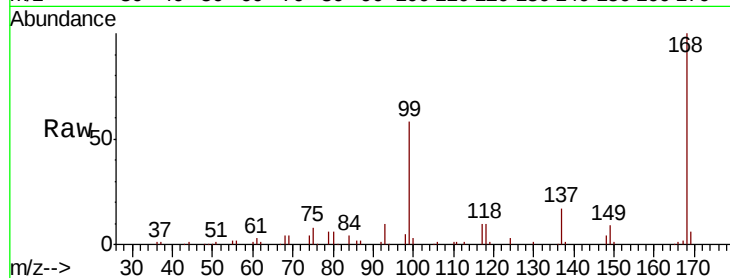
RE120D3-20200615

Tot Ion:168 Resp: 141707

Ion Ratio Lower Upper

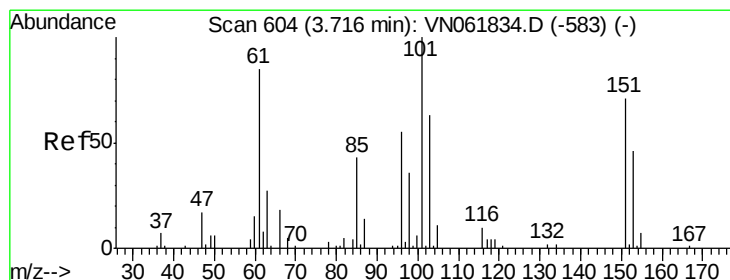
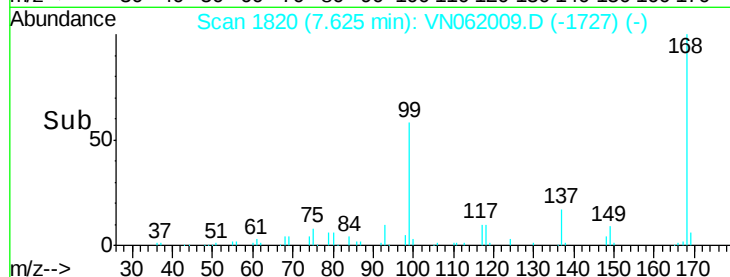
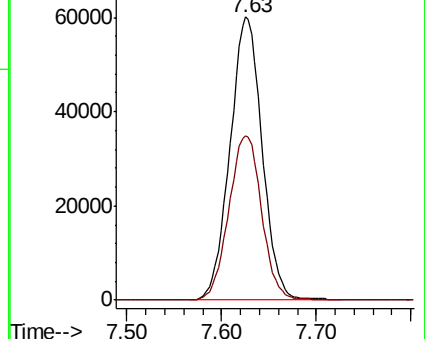
168 100

99 58.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.140 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

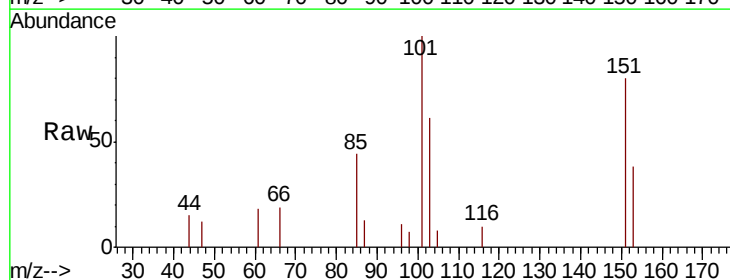
Tgt Ion:101 Resp: 5949

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.6

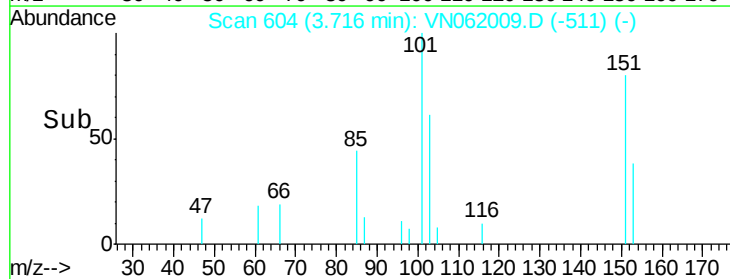
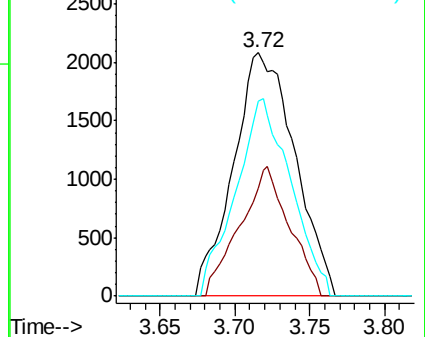
151 72.9 59.2 88.8

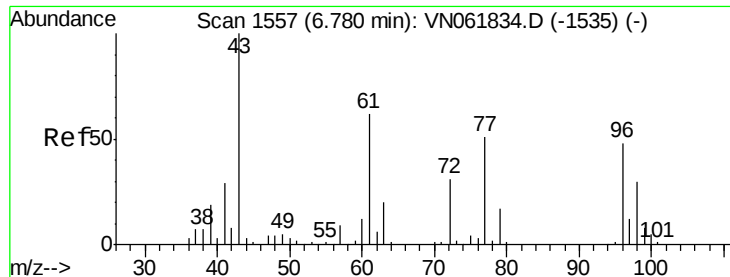


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#27

cis-1,2-Dichloroethene

Concen: 0.536 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20200615

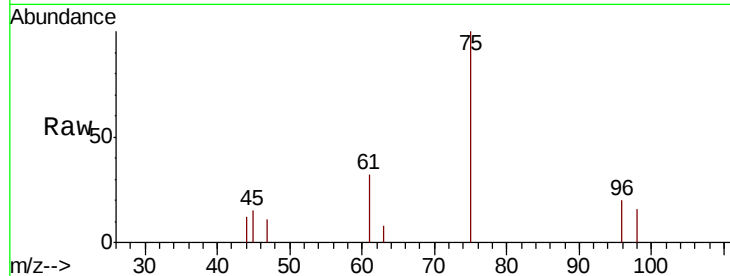
Tot Ion: 96 Resp: 1022

Ion Ratio Lower Upper

96 100

61 161.1 0.0 265.6

98 44.2 0.0 128.2

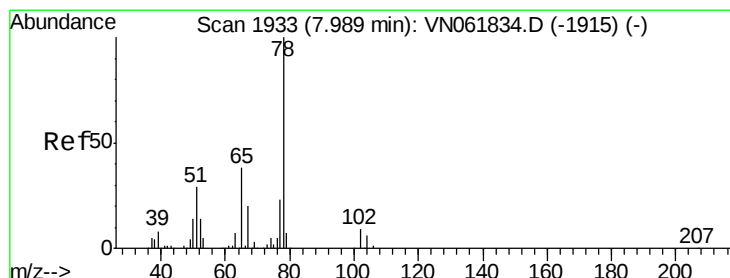
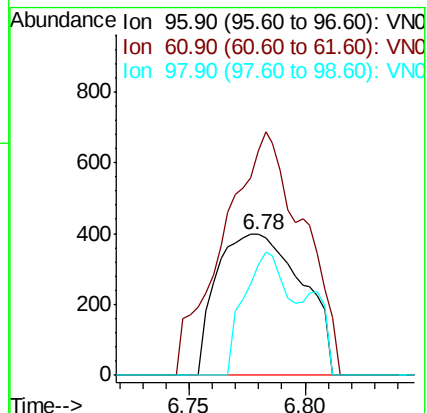
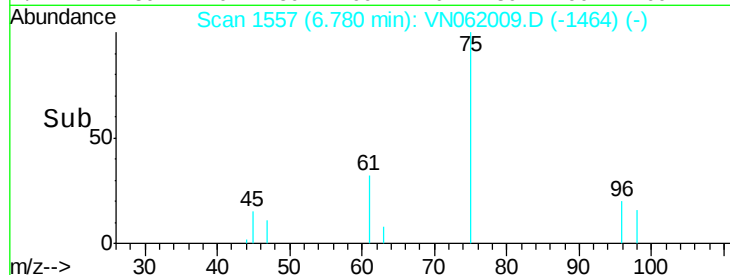


Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.542 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062009.D

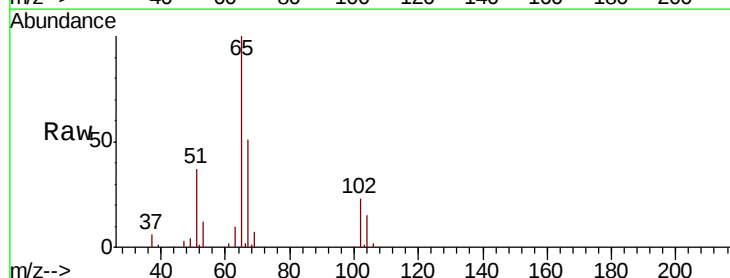
Acq: 22 Jun 2020 19:07

Tgt Ion: 65 Resp: 101757

Ion Ratio Lower Upper

65 100

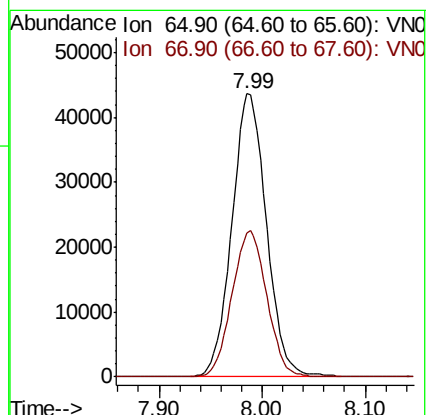
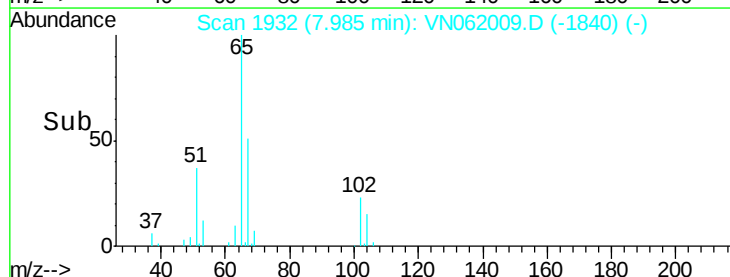
67 52.0 0.0 106.2

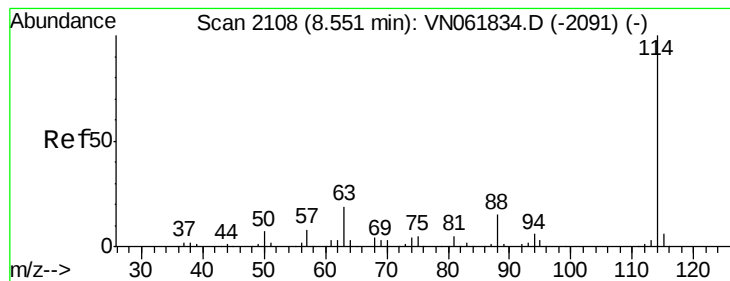


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20200615

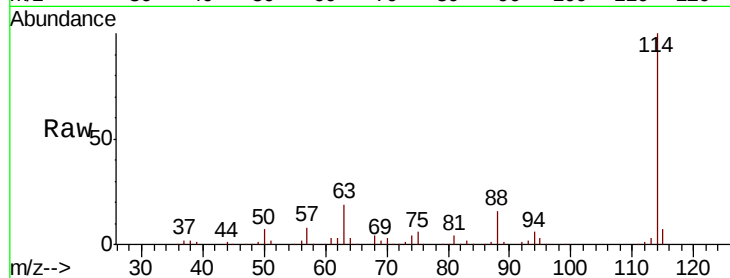
Tot Ion:114 Resp: 263231

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

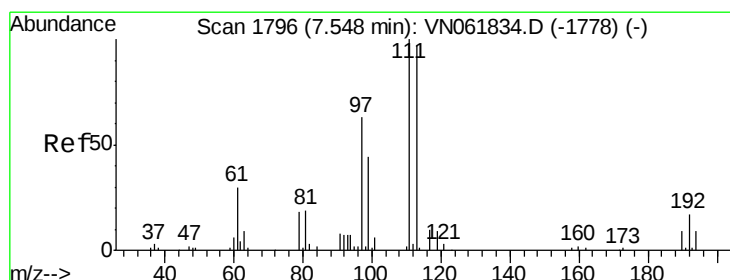
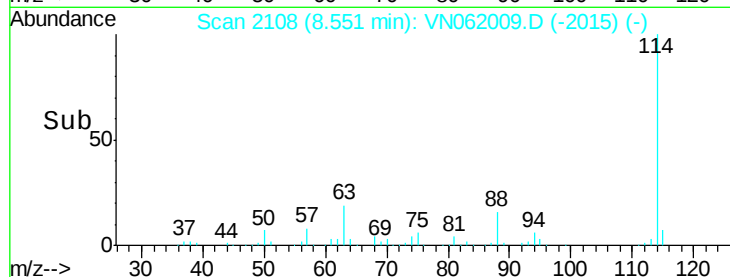
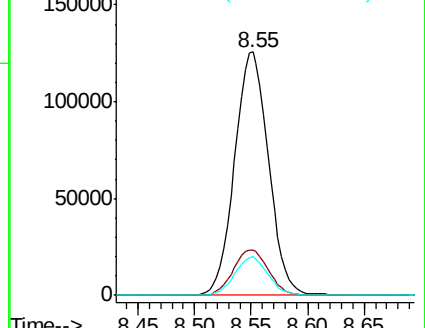
88 15.7 0.0 31.0



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: 50.822 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

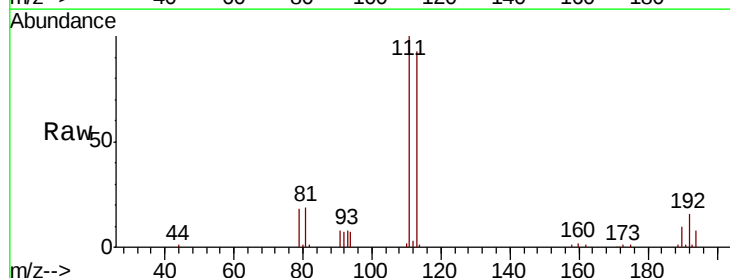
Tgt Ion:113 Resp: 85585

Ion Ratio Lower Upper

113 100

111 104.5 83.7 125.5

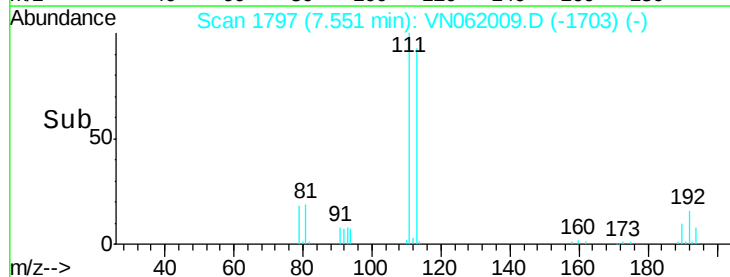
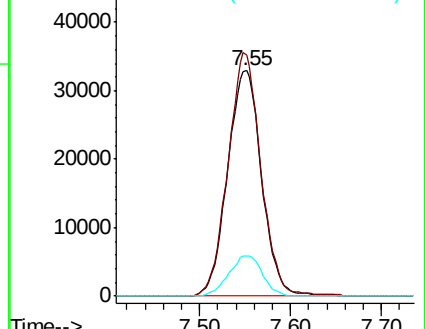
192 17.5 13.9 20.9

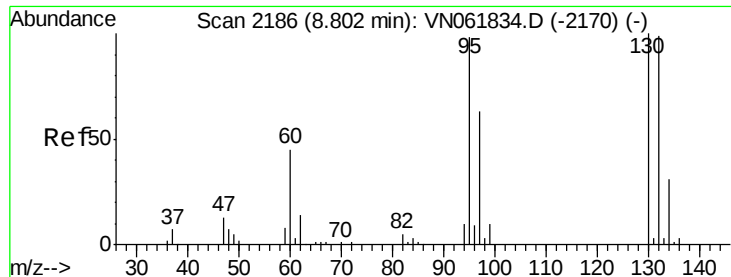


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 143.989 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

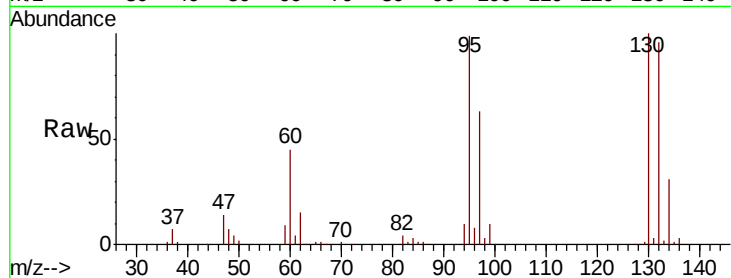
RE120D3-20200615

Tot Ion:130 Resp: 275606

Ion Ratio Lower Upper

130 100

95 98.6 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

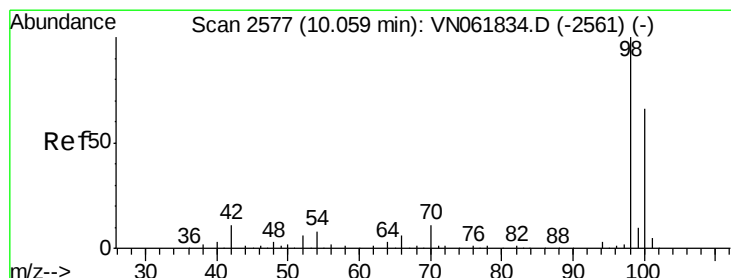
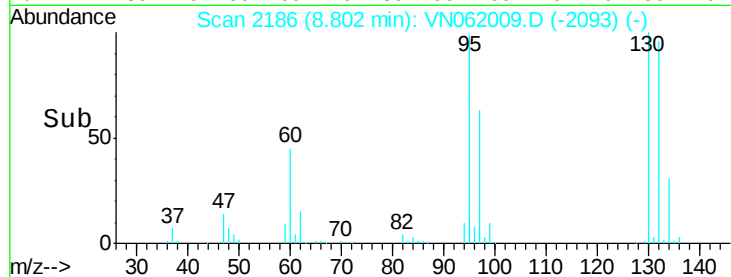
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 50.733 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062009.D

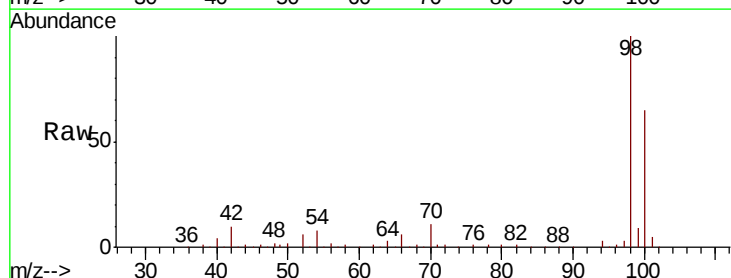
Acq: 22 Jun 2020 19:07

Tgt Ion: 98 Resp: 335878

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

200000

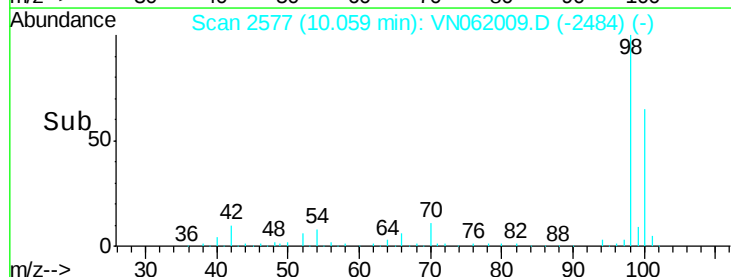
150000

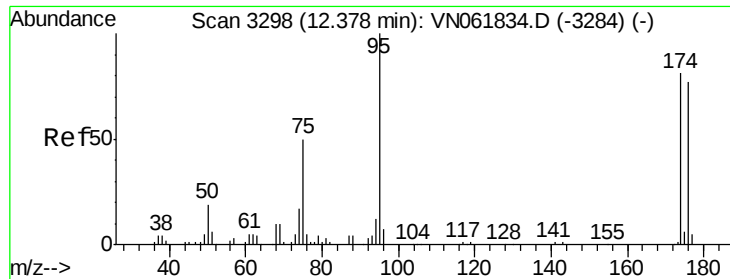
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.182 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20200615

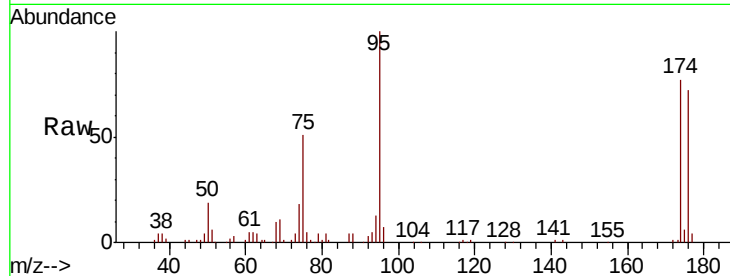
Tot Ion: 95 Resp: 109418

Ion Ratio Lower Upper

95 100

174 77.2 0.0 158.6

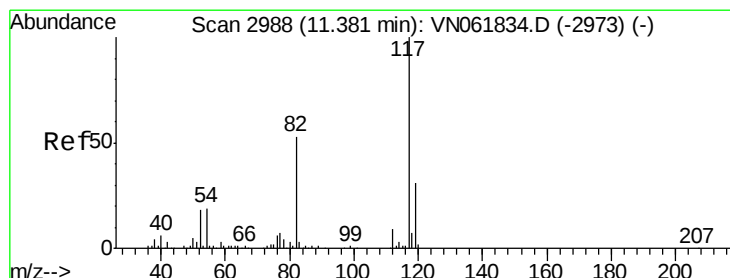
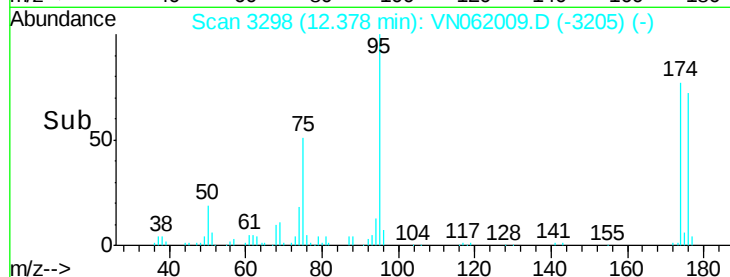
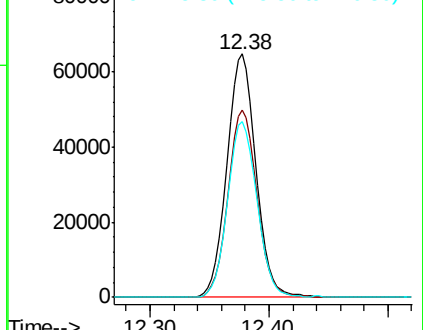
176 73.0 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

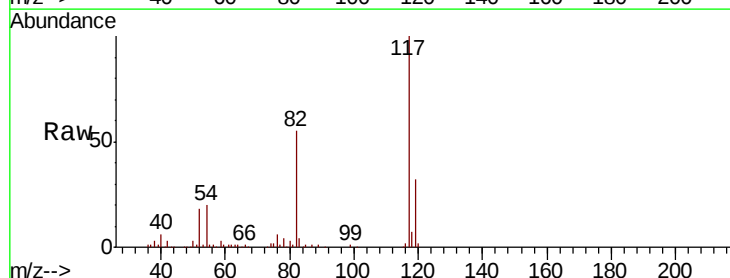
Tgt Ion: 117 Resp: 256328

Ion Ratio Lower Upper

117 100

82 54.9 42.6 64.0

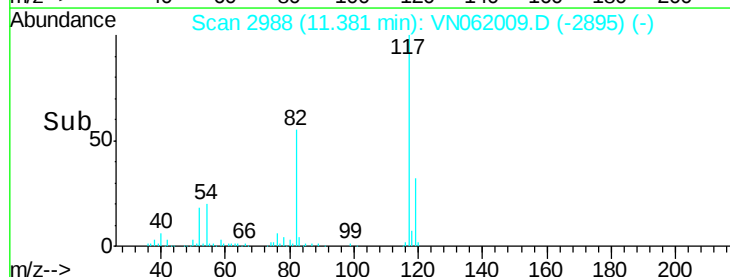
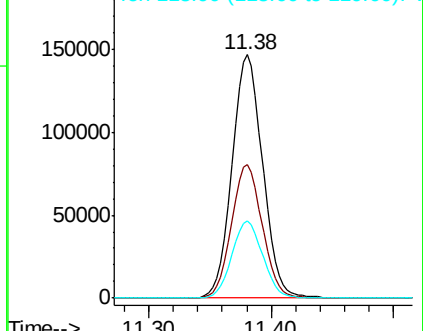
119 31.8 24.7 37.1

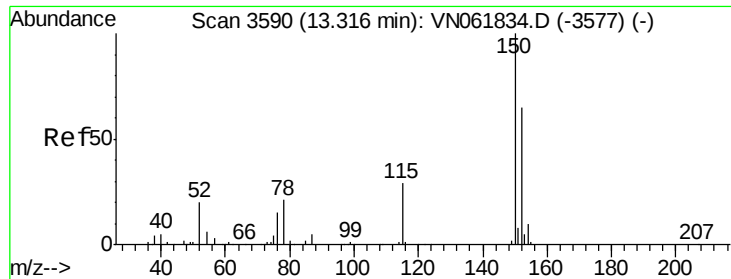


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062009.D

Acq: 22 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20200615

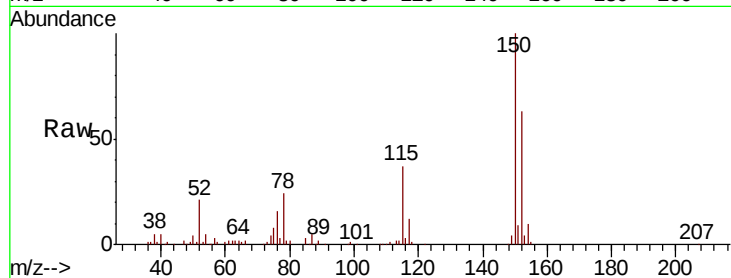
Tot Ion:152 Resp: 93941

Ion Ratio Lower Upper

152 100

115 59.3 29.1 87.3

150 159.0 0.0 347.6



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

