

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061870.D
 Acq On : 18 Jun 2020 00:40
 Operator : JC/MD
 Sample : L3011-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20200611

Quant Time: Jun 18 06:53:30 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

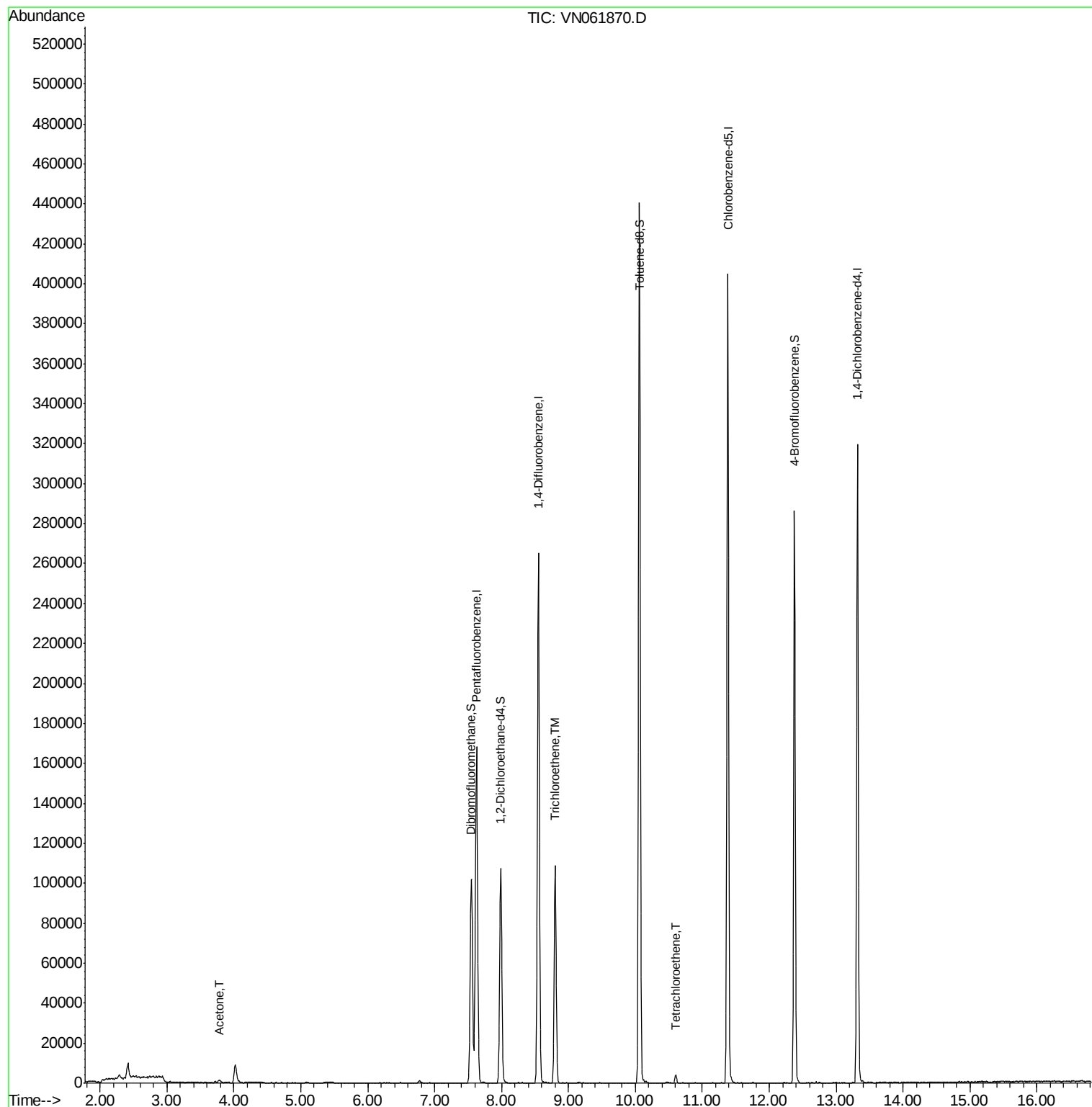
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	136686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	250212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90286	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
35) Dibromofluoromethane	7.55	113	81258	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	10.06	98	314441	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.38	95	100296	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
16) Acetone	3.78	43	2843	5.250	ug/l #	74
44) Trichloroethene	8.80	130	40946	22.505	ug/l	98
64) Tetrachloroethene	10.60	164	1061	0.688	ug/l	95

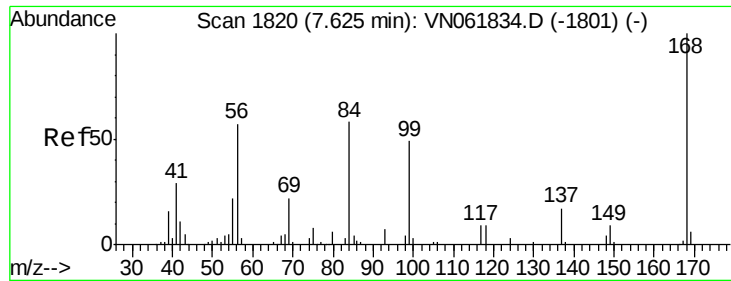
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
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: VN061870.D

Acq: 18 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

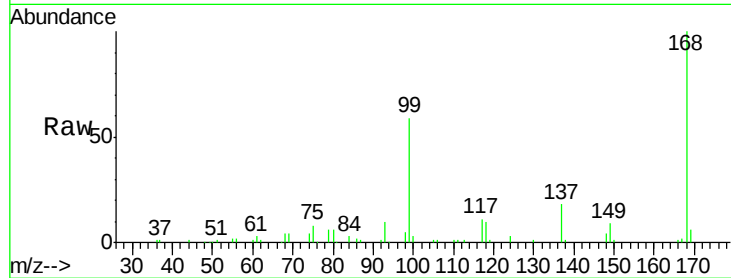
RE109D1-20200611

Tot Ion:168 Resp: 136686

Ion Ratio Lower Upper

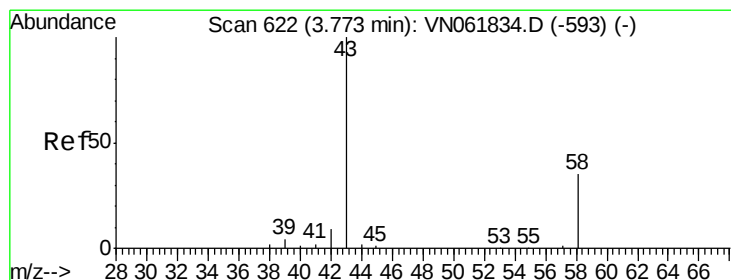
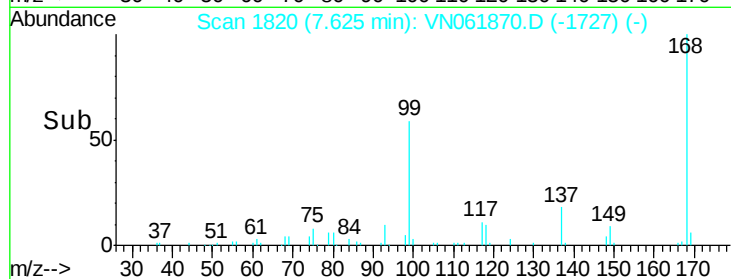
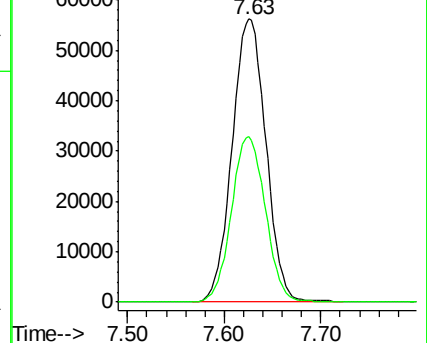
168 100

99 58.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.250 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061870.D

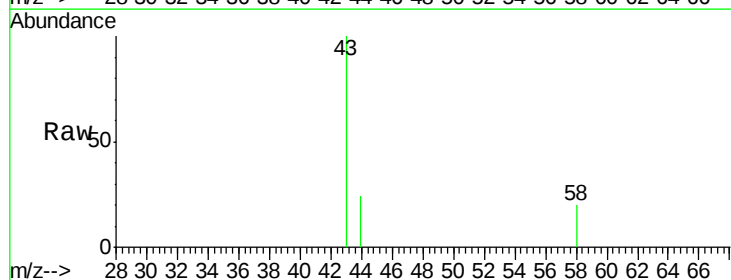
Acq: 18 Jun 2020 00:40

Tgt Ion: 43 Resp: 2843

Ion Ratio Lower Upper

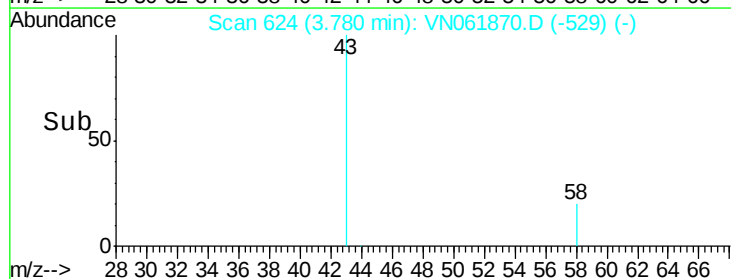
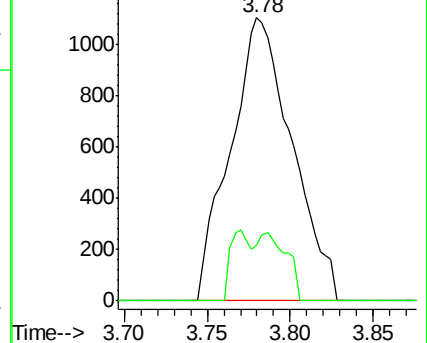
43 100

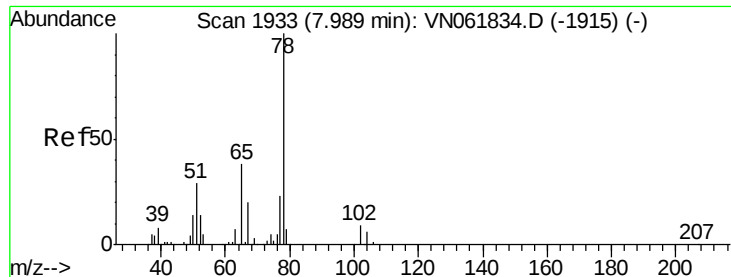
58 19.7 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#33

1,2-Dichloroethane-d4

Concen: 49.252 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061870.D

Acq: 18 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

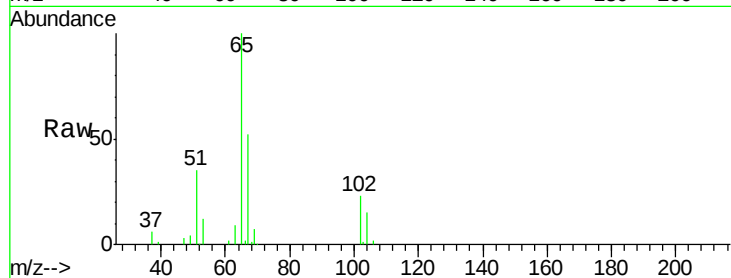
RE109D1-20200611

Tot Ion: 65 Resp: 90286

Ion Ratio Lower Upper

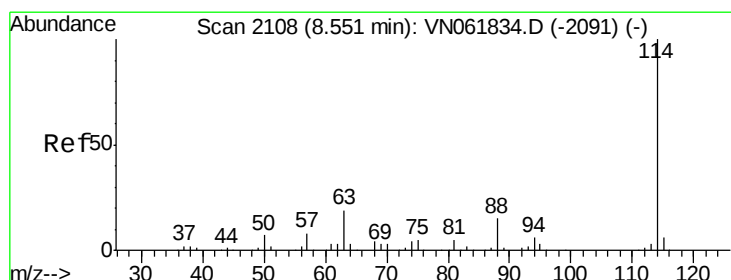
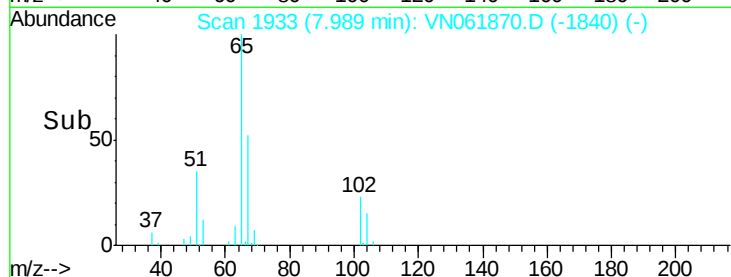
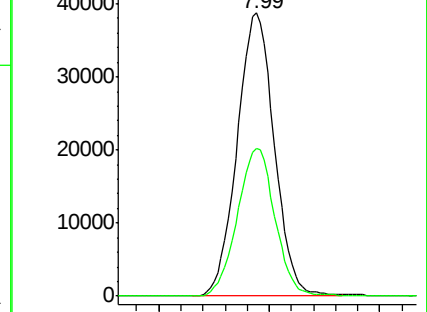
65 100

67 52.8 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061870.D

Acq: 18 Jun 2020 00:40

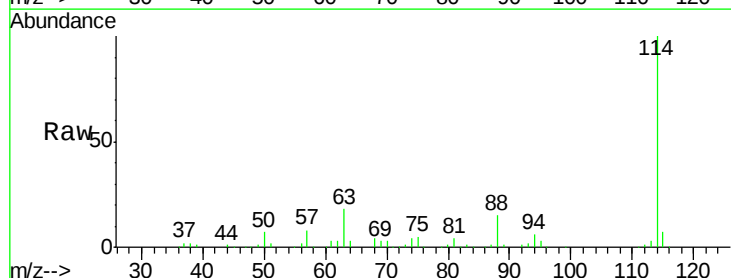
Tgt Ion: 114 Resp: 250212

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.6

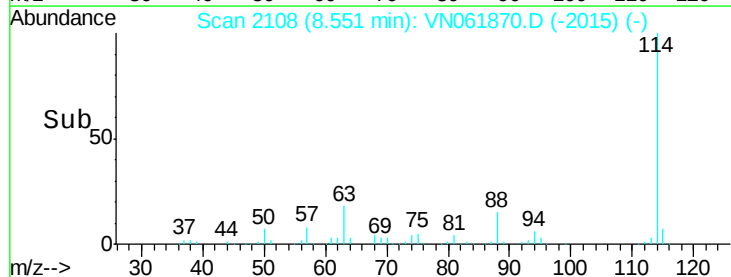
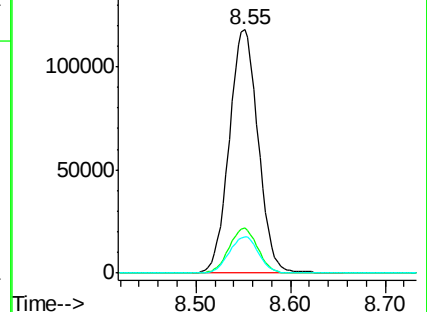
88 14.9 0.0 31.0

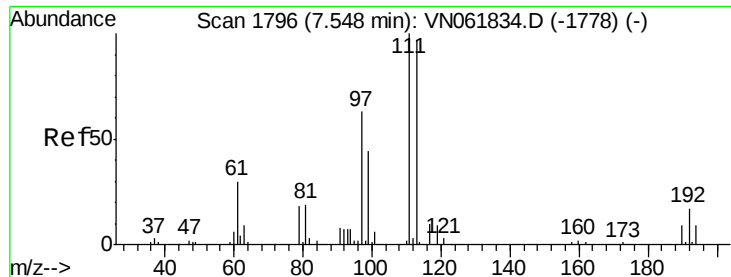


Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

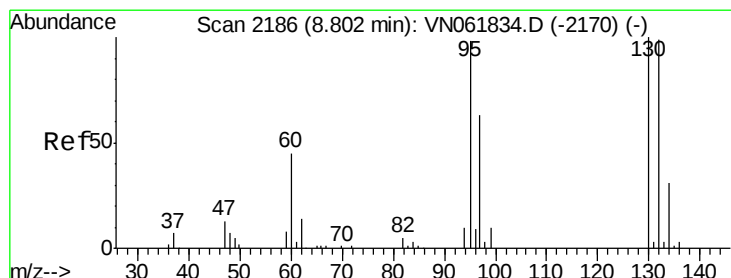
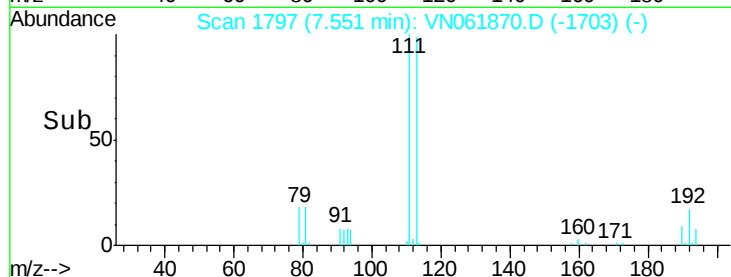
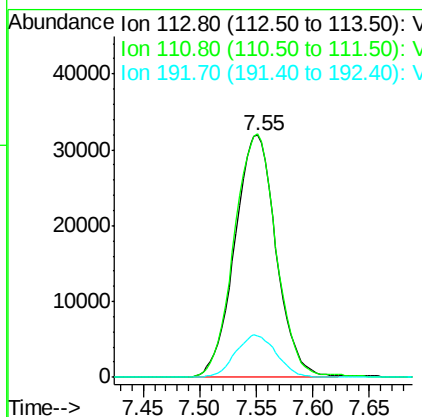
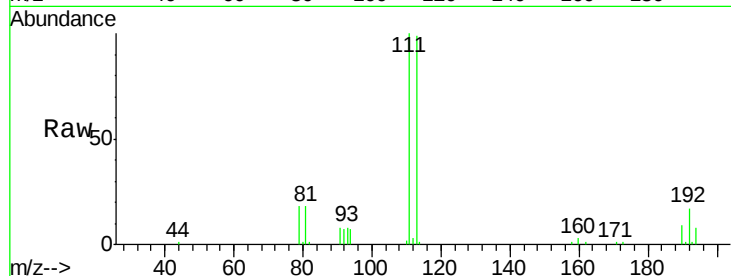




#35
 Dibromofluoromethane
 Concen: 50.763 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061870.D
 Acq: 18 Jun 2020 00:40

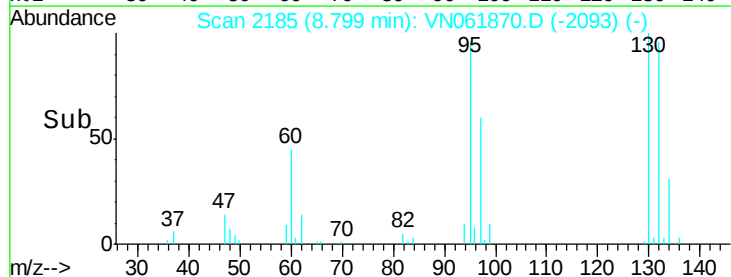
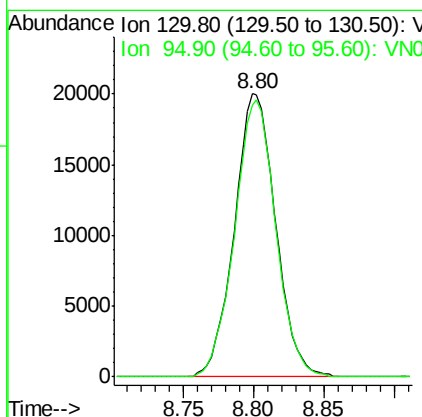
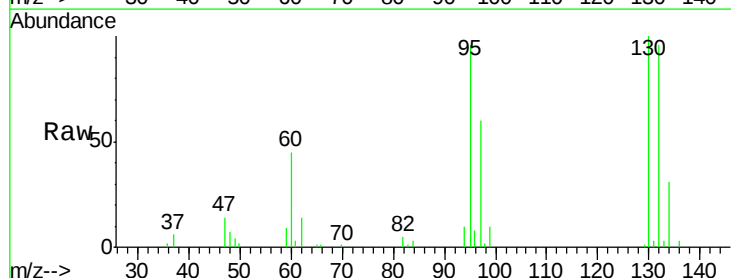
Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20200611

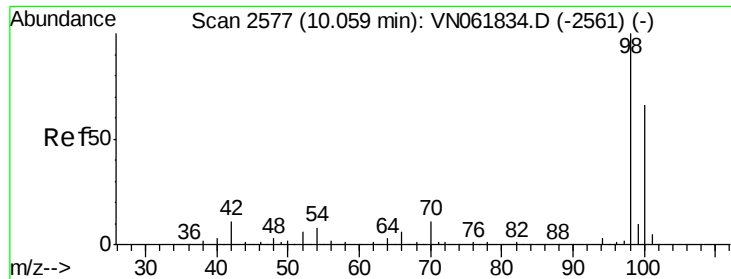
Tot Ion:113 Resp: 81258
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.7 125.5
 192 17.3 13.9 20.9



#44
 Trichloroethene
 Concen: 22.505 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN061870.D
 Acq: 18 Jun 2020 00:40

Tgt Ion:130 Resp: 40946
 Ion Ratio Lower Upper
 130 100
 95 96.0 0.0 195.6





#50

Toluene-d8

Concen: 49.966 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061870.D

Acq: 18 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

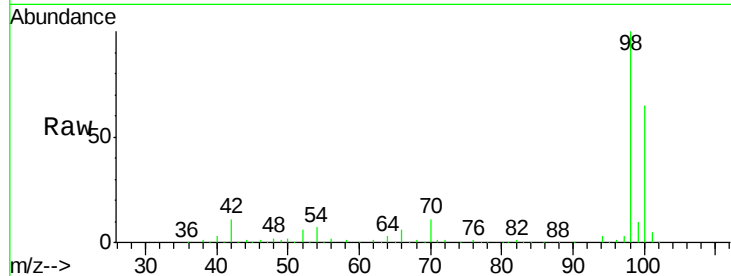
RE109D1-20200611

Tot Ion: 98 Resp: 314441

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061870.D (-2484) (-)

10.06

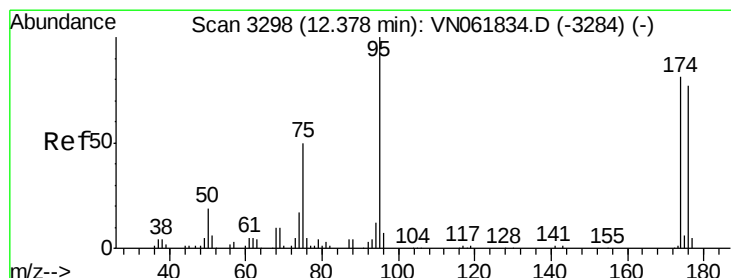
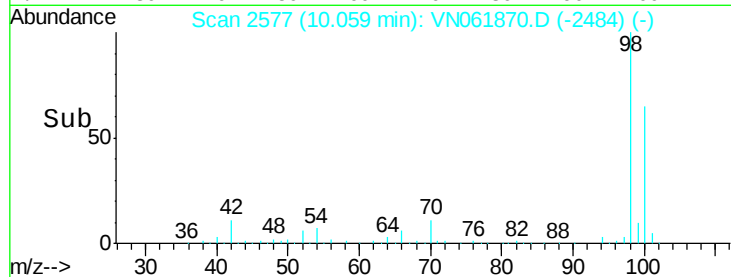
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.463 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061870.D

Acq: 18 Jun 2020 00:40

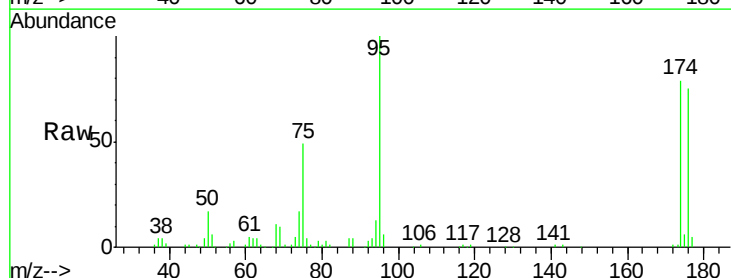
Tgt Ion: 95 Resp: 100296

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.6

176 76.2 0.0 152.0



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

Ion 173.80 (173.50 to 174.50): VN061870.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061870.D (-3205) (-)

12.38

80000

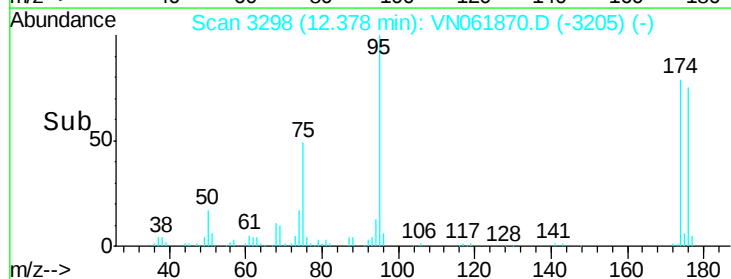
60000

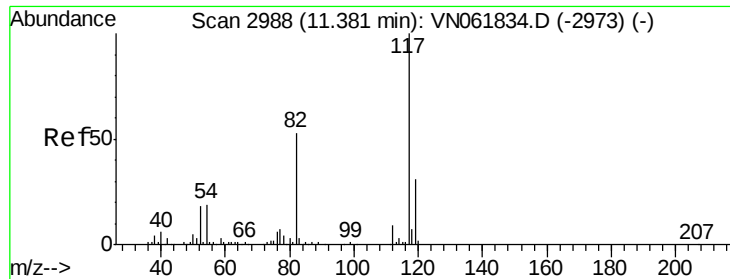
40000

20000

0

Time-->

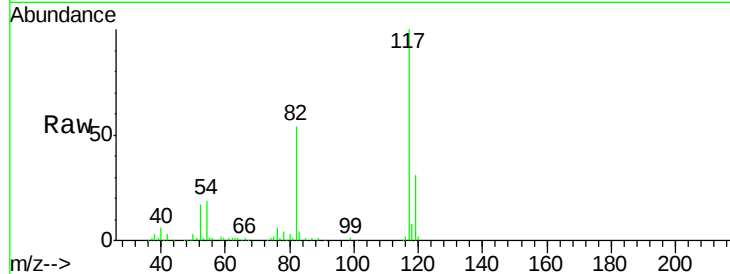




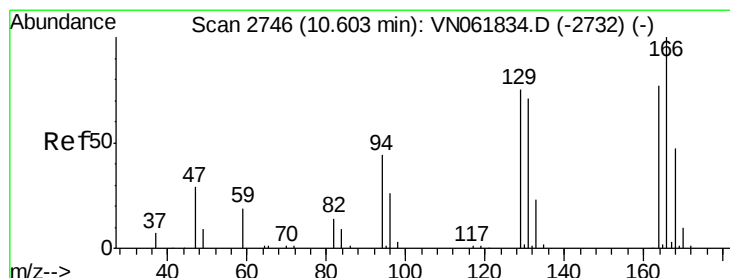
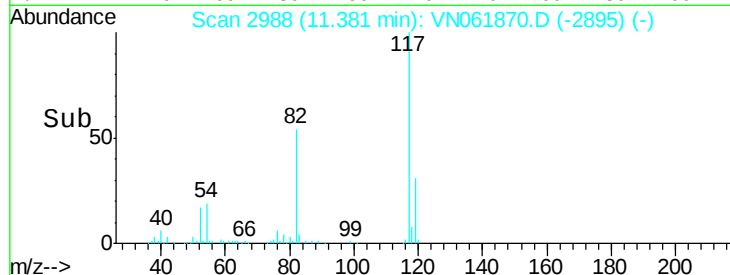
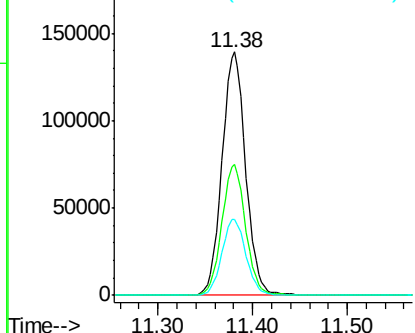
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061870.D
Acq: 18 Jun 2020 00:40

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20200611

Tot Ion:117 Resp: 241819
Ion Ratio Lower Upper
117 100
82 53.7 42.6 64.0
119 31.3 24.7 37.1

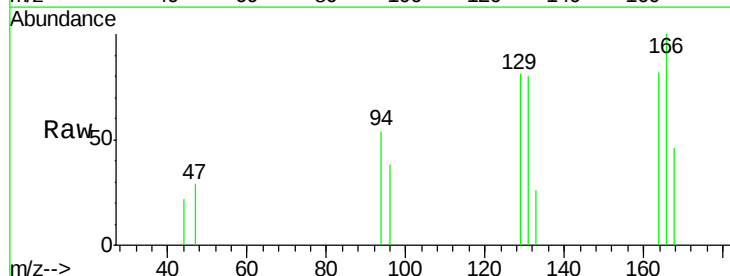


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

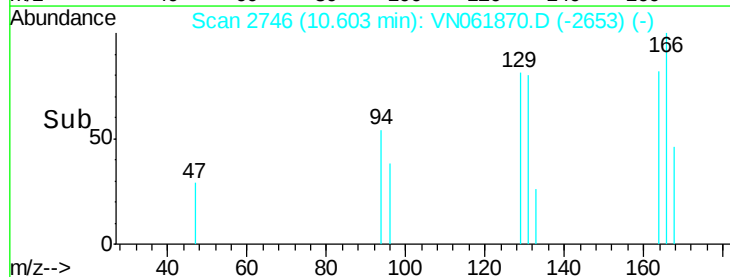
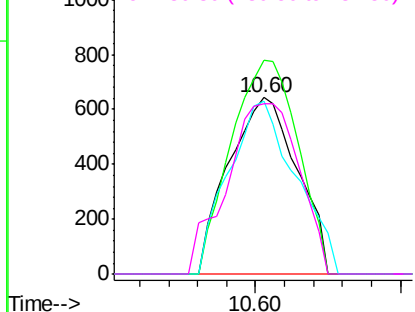


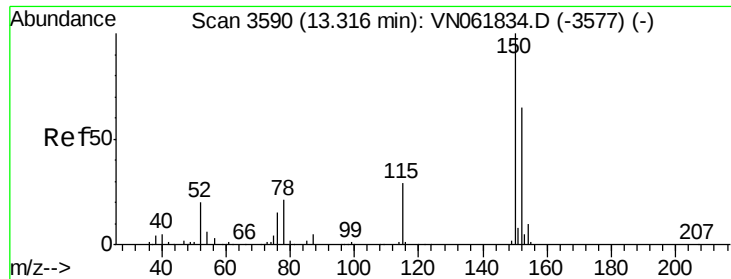
#64
Tetrachloroethene
Concen: 0.688 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061870.D
Acq: 18 Jun 2020 00:40

Tgt Ion:164 Resp: 1061
Ion Ratio Lower Upper
164 100
166 121.3 103.5 155.3
129 98.0 77.5 116.3
131 96.9 73.8 110.8



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: VN061870.D

Acq: 18 Jun 2020 00:40

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20200611

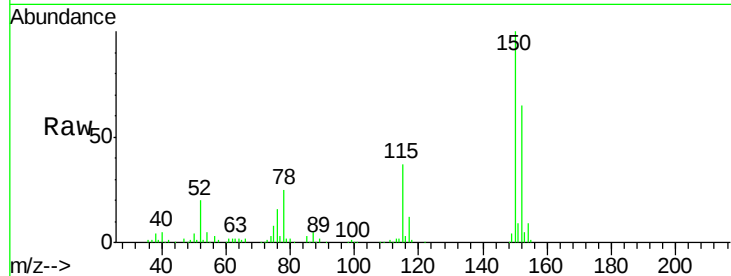
Tot Ion:152 Resp: 90256

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

150 153.6 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

