

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
 Data File : VN061993.D
 Acq On : 22 Jun 2020 12:36
 Operator : JC/MD
 Sample : L2818-01
 Misc : 4.99g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-061720

Quant Time: Jun 22 15:07:13 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

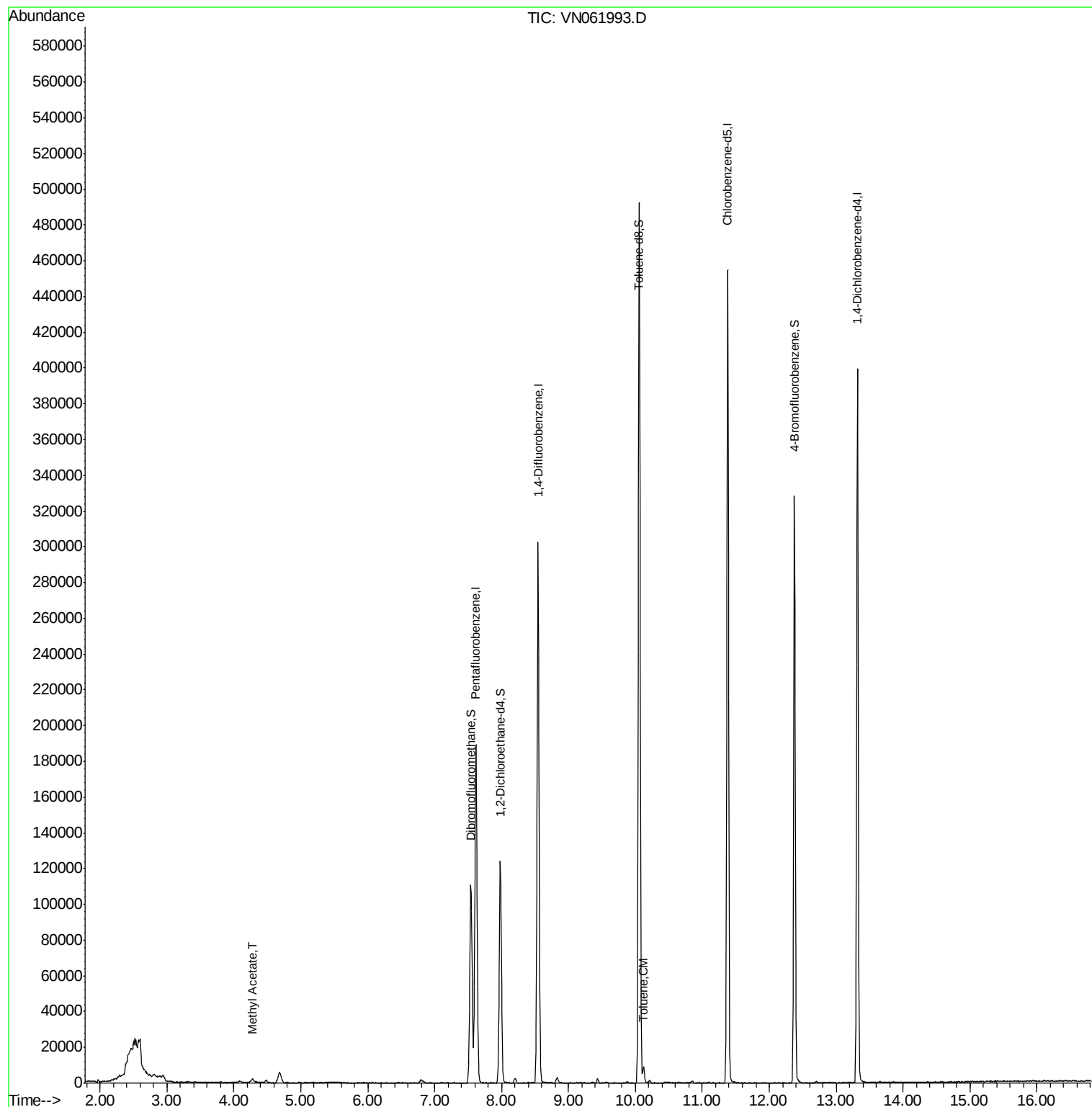
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	153709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	275141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	103937	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	7.54	113	86503	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.06	98	350437	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.38	95	114294	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
18) Methyl Acetate	4.28	43	3791	2.162	ug/l #	87
52) Toluene	10.13	92	1648	0.345	ug/l	96

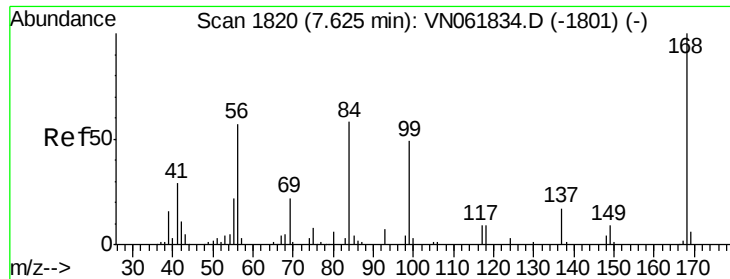
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061993.D

Acq: 22 Jun 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

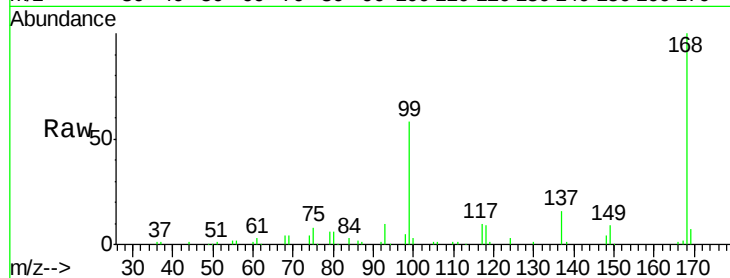
TR-05-061720

Tot Ion:168 Resp: 153709

Ion Ratio Lower Upper

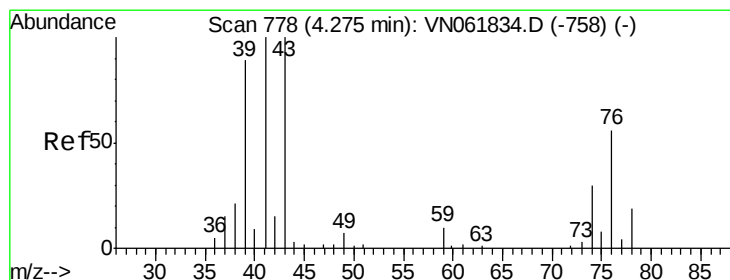
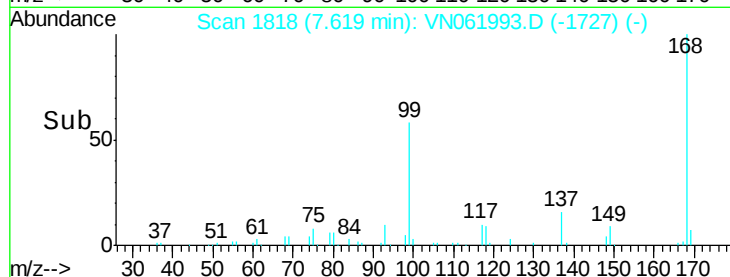
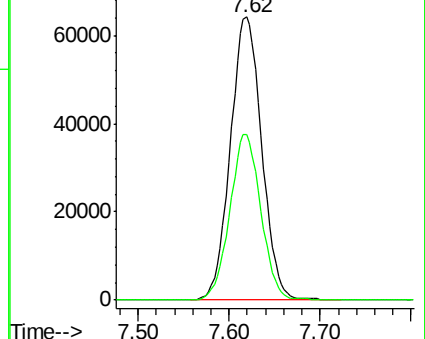
168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 2.162 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN061993.D

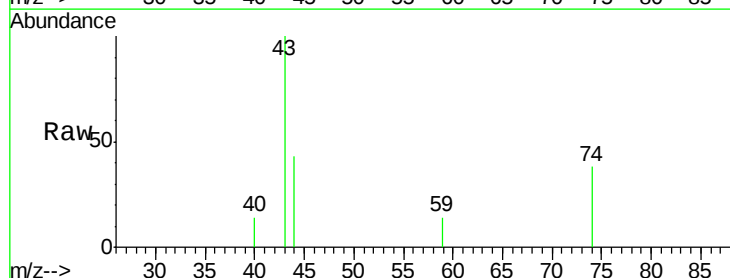
Acq: 22 Jun 2020 12:36

Tgt Ion: 43 Resp: 3791

Ion Ratio Lower Upper

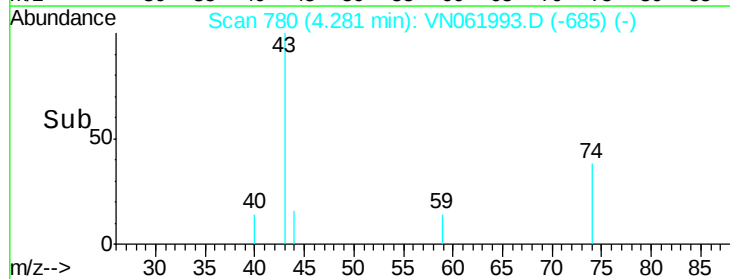
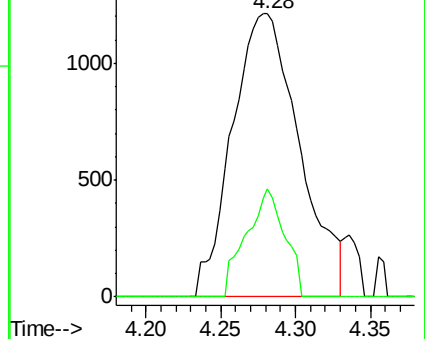
43 100

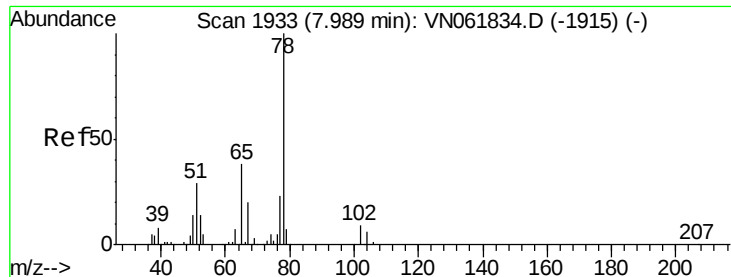
74 21.8 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.419 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061993.D

Acq: 22 Jun 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

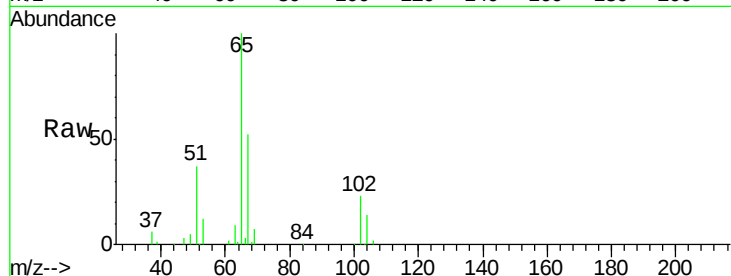
TR-05-061720

Tot Ion: 65 Resp: 103937

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061993.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061993.D (-1840) (-)

7.98

50000

40000

30000

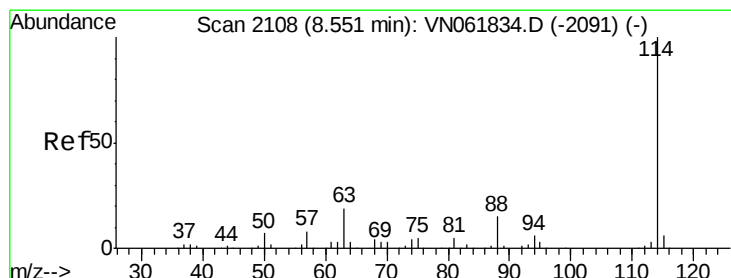
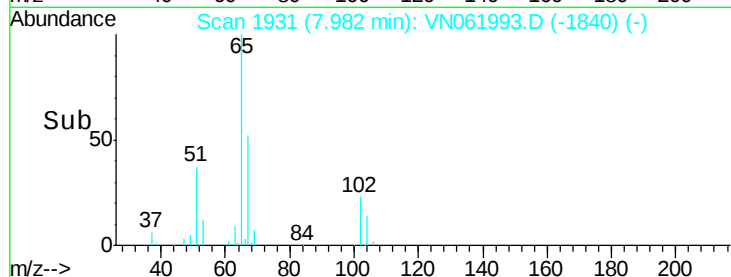
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.54 min Scan# 2106

Delta R.T. -0.01 min

Lab File: VN061993.D

Acq: 22 Jun 2020 12:36

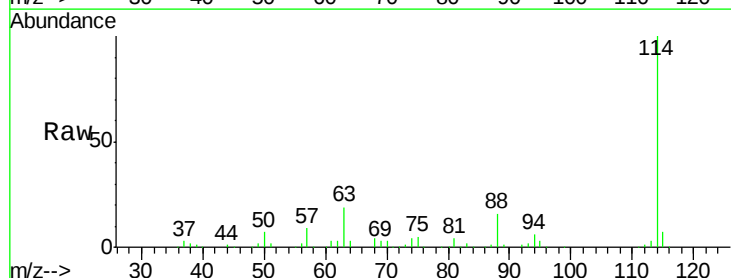
Tgt Ion: 114 Resp: 275141

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.6

88 15.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061993.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN061993.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN061993.D (-2015) (-)

8.54

150000

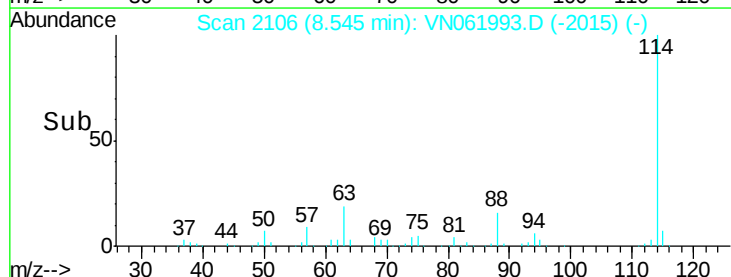
100000

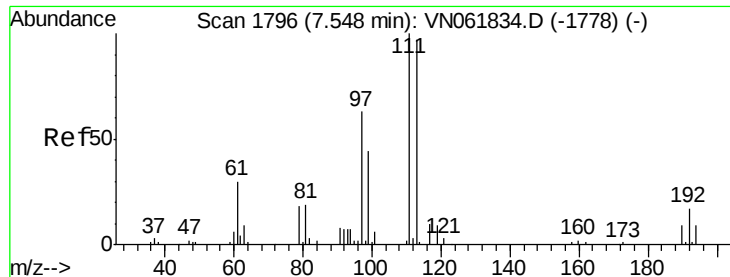
50000

0

Time-->

8.45 8.50 8.55 8.60 8.65

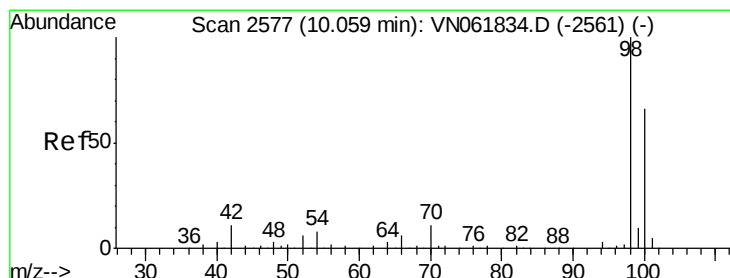
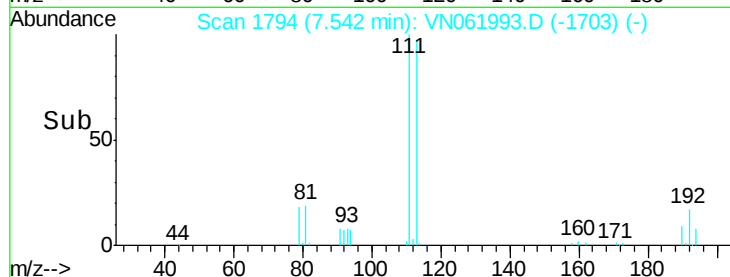
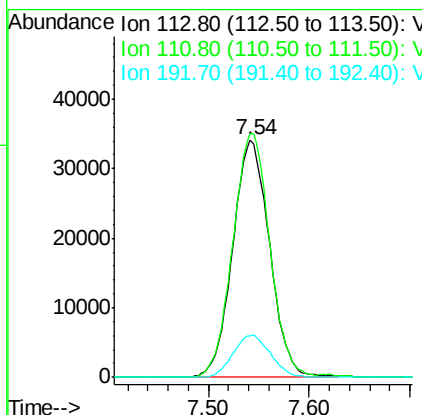
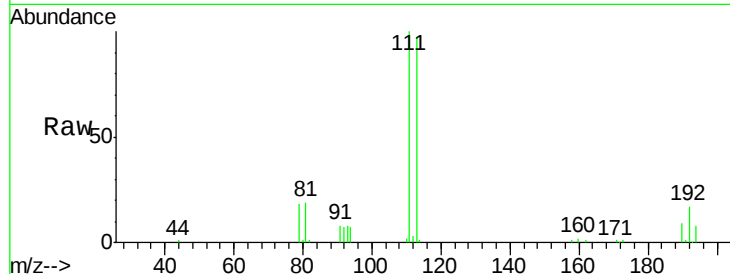




#35
 Dibromofluoromethane
 Concen: 49.144 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN061993.D
 Acq: 22 Jun 2020 12:36

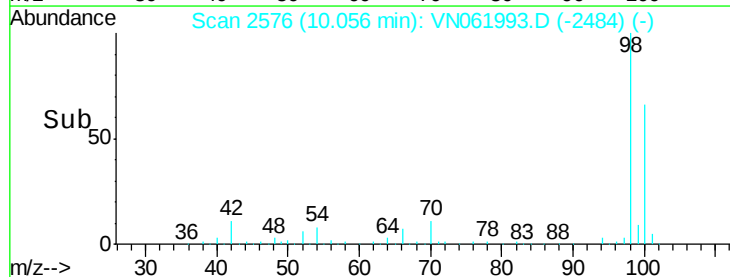
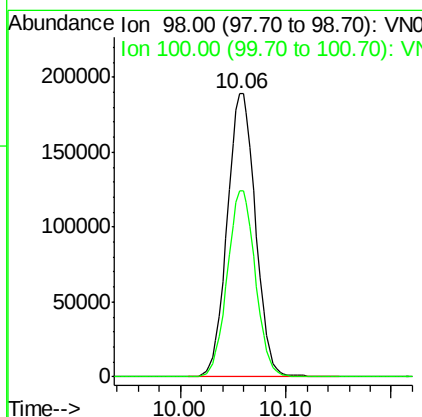
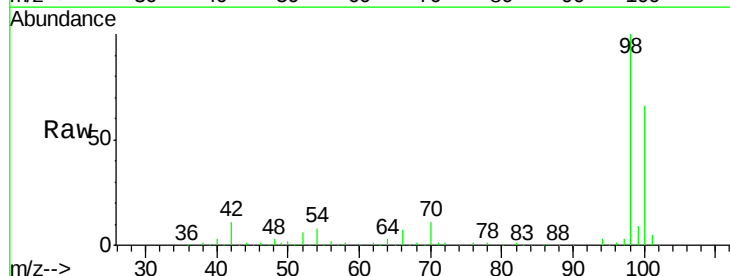
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-061720

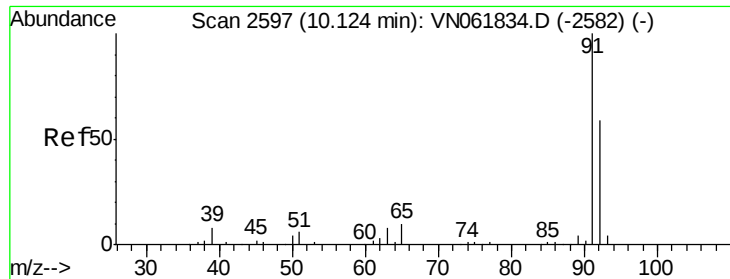
Tot Ion:113 Resp: 86503
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.7 125.5
 192 17.9 13.9 20.9



#50
 Toluene-d8
 Concen: 50.640 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061993.D
 Acq: 22 Jun 2020 12:36

Tgt Ion: 98 Resp: 350437
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.7 79.1





#52

Toluene

Concen: 0.345 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061993.D

Acq: 22 Jun 2020 12:36

Instrument :

MSVOA_N

ClientSampleId :

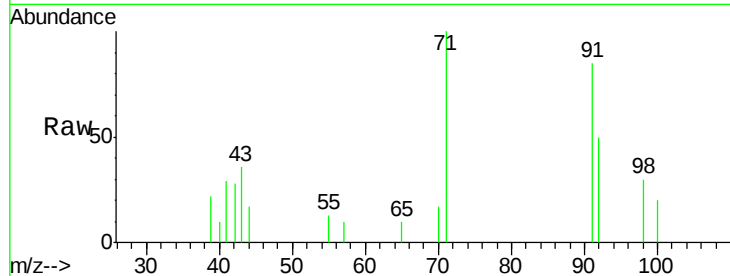
TR-05-061720

Tot Ion: 92 Resp: 1648

Ion Ratio Lower Upper

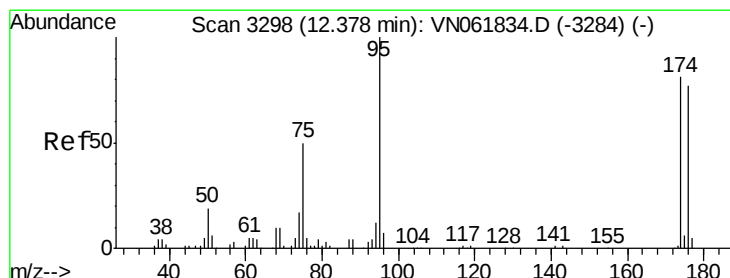
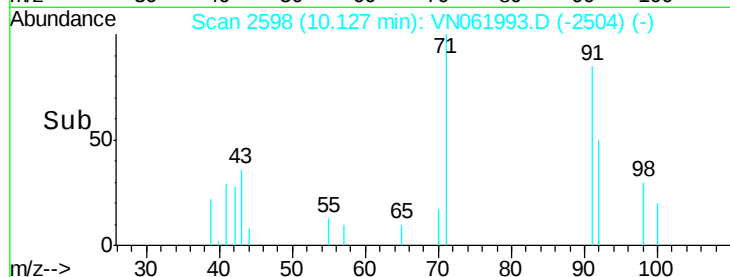
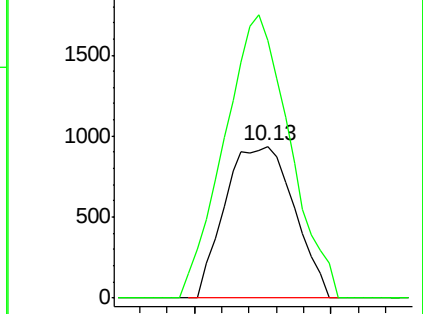
92 100

91 176.9 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061993.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN061993.D (-2504) (-)



#62

4-Bromofluorobenzene

Concen: 48.150 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061993.D

Acq: 22 Jun 2020 12:36

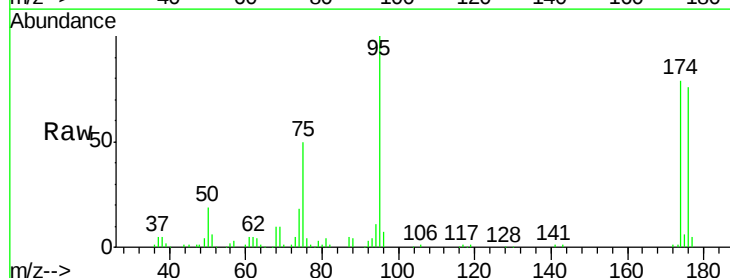
Tgt Ion: 95 Resp: 114294

Ion Ratio Lower Upper

95 100

174 78.8 0.0 158.6

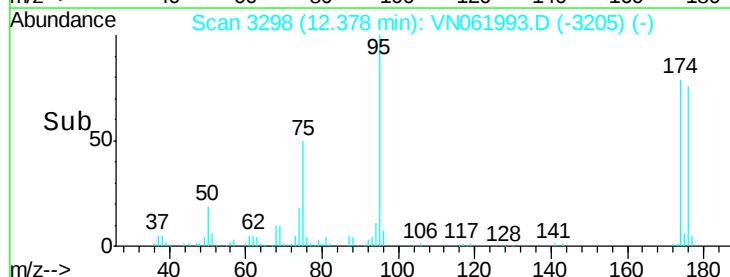
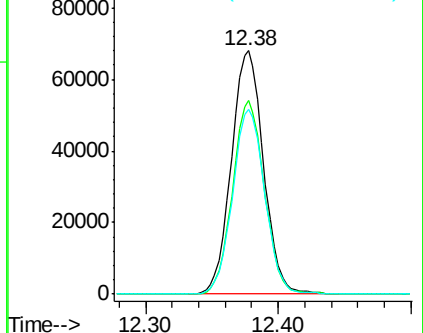
176 76.2 0.0 152.0

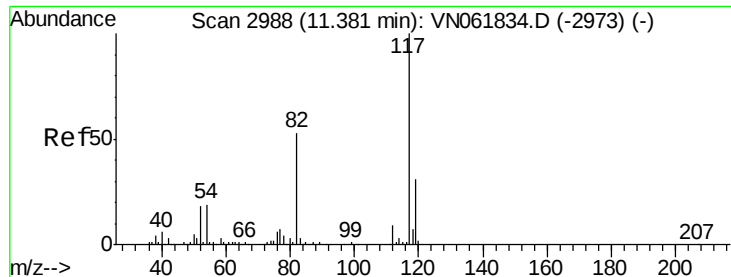


Abundance Ion 94.90 (94.60 to 95.60): VN061993.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061993.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061993.D (-3205) (-)

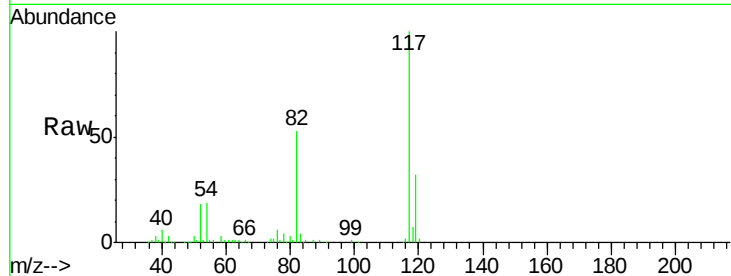




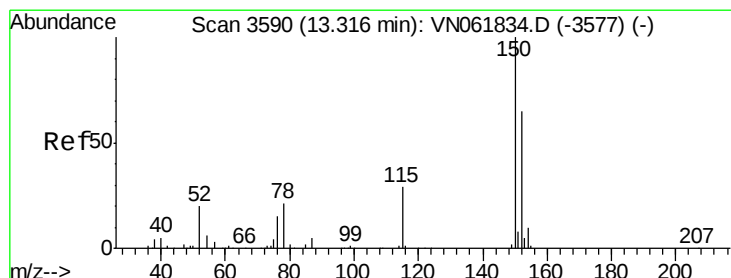
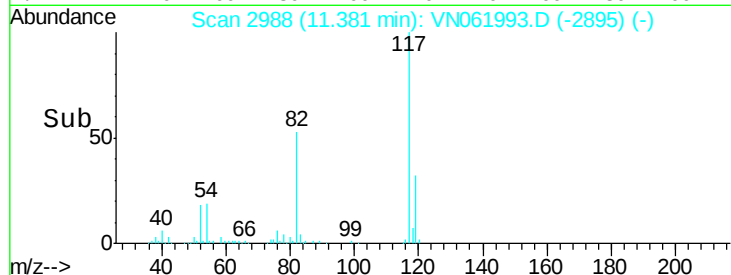
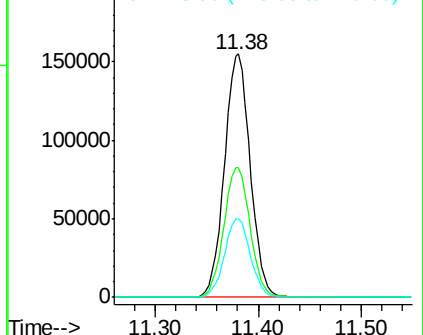
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061993.D
Acq: 22 Jun 2020 12:36

Instrument :
MSVOA_N
ClientSampleId :
TR-05-061720

Tot Ion:117 Resp: 269834
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 32.5 24.7 37.1

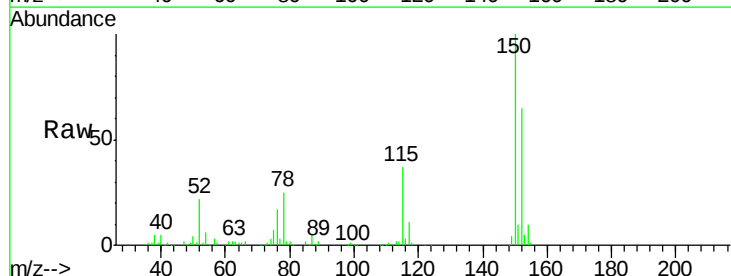


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061993.D
Acq: 22 Jun 2020 12:36

Tgt Ion:152 Resp: 108897
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 155.9 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

