

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061163.D
 Acq On : 28 Apr 2020 14:54
 Operator : JC/MD
 Sample : L2386-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-558-560

Quant Time: Apr 28 20:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

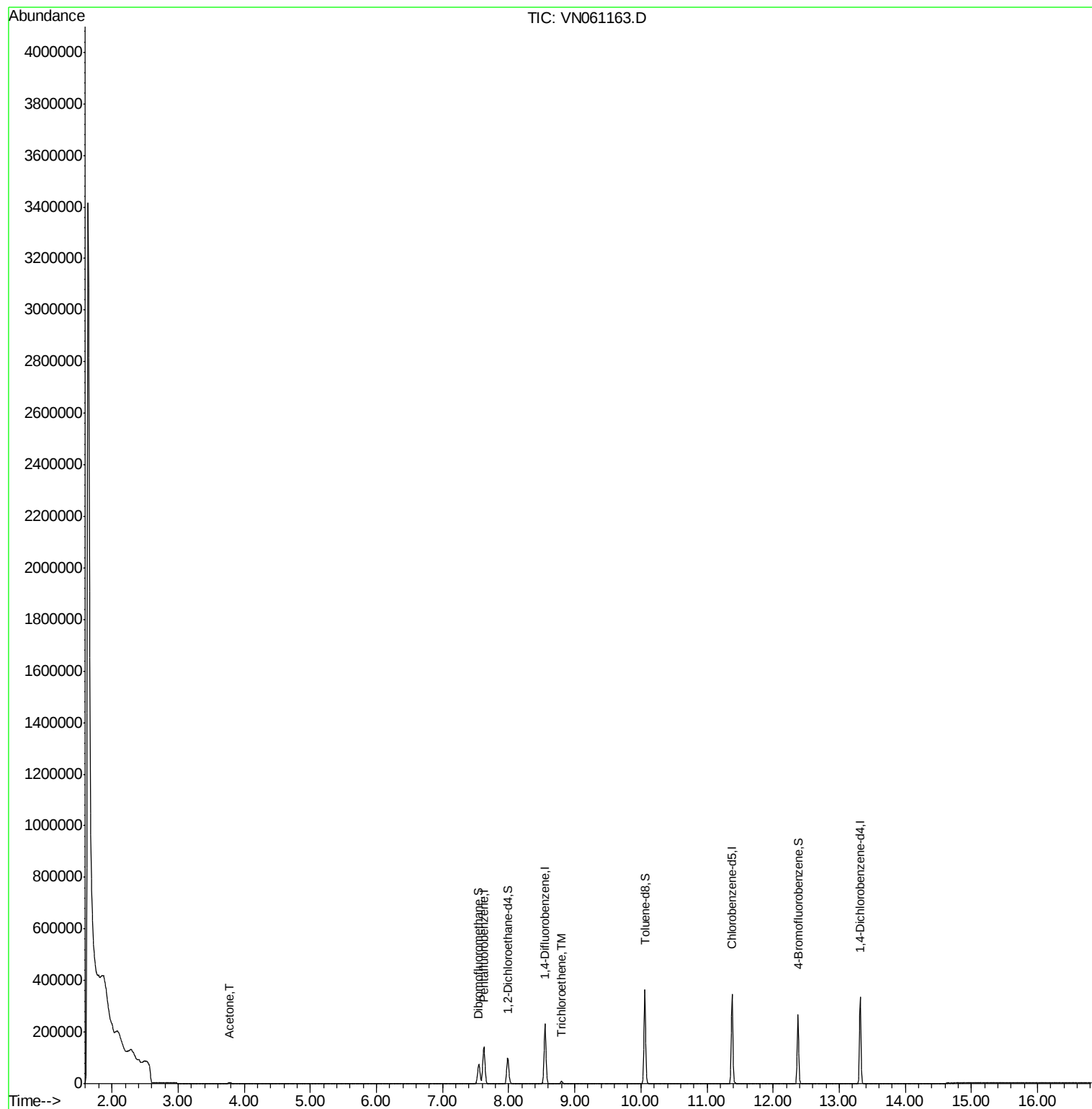
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	106459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	190547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	183588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85518	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	7.55	113	57492	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
50) Toluene-d8	10.06	98	235501	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.38	95	89674	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
16) Acetone	3.78	43	6464	4.497	ug/l	93
44) Trichloroethene	8.80	130	3304	2.151	ug/l	90

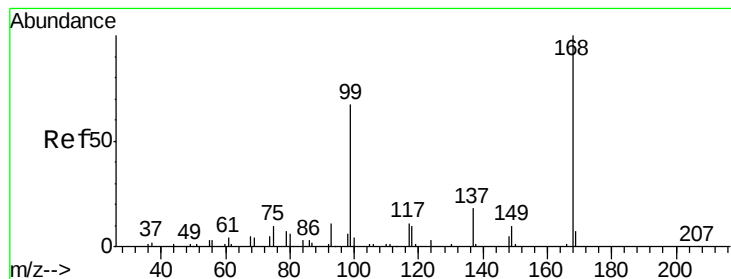
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061163.D

Acq: 28 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

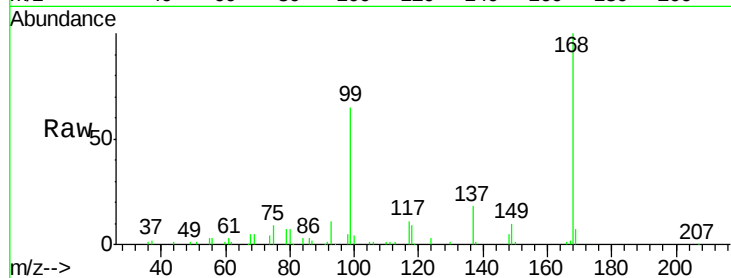
BP-VPB180-GW-558-560

Tot Ion:168 Resp: 106459

Ion Ratio Lower Upper

168 100

99 64.9 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

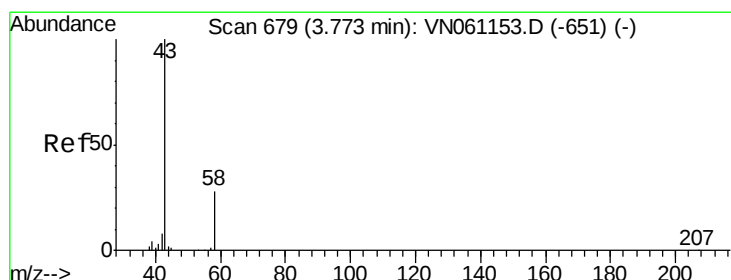
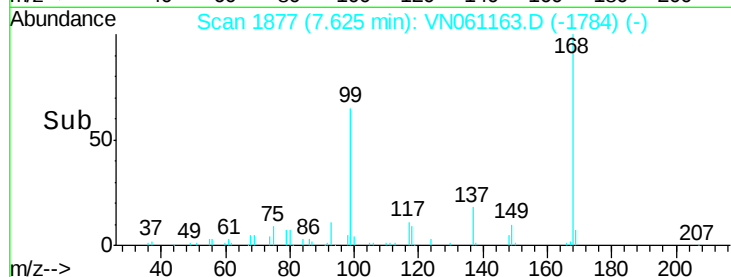
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 4.497 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061163.D

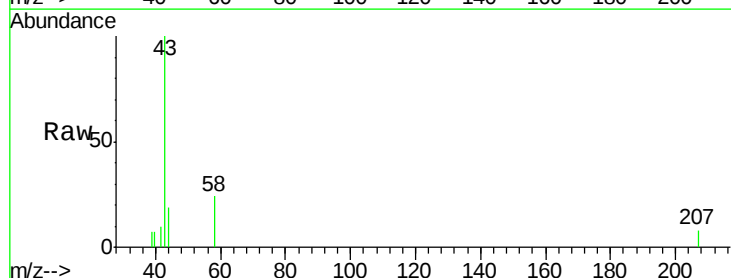
Acq: 28 Apr 2020 14:54

Tgt Ion: 43 Resp: 6464

Ion Ratio Lower Upper

43 100

58 24.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

2500

2000

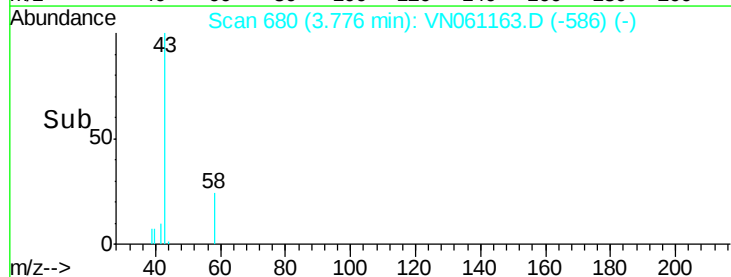
1500

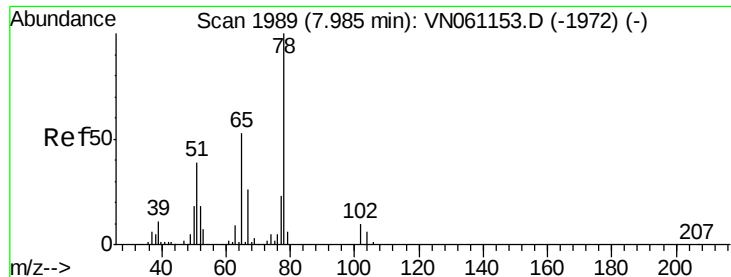
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 50.767 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061163.D

Acq: 28 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

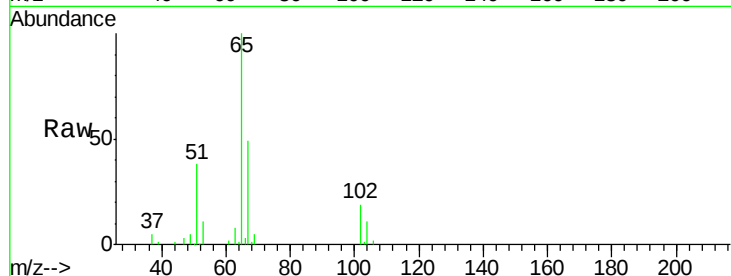
BP-VPB180-GW-558-560

Tot Ion: 65 Resp: 85518

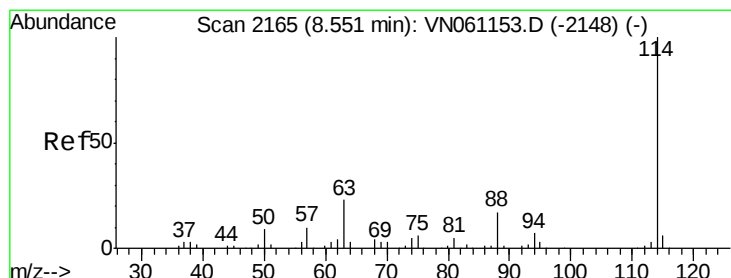
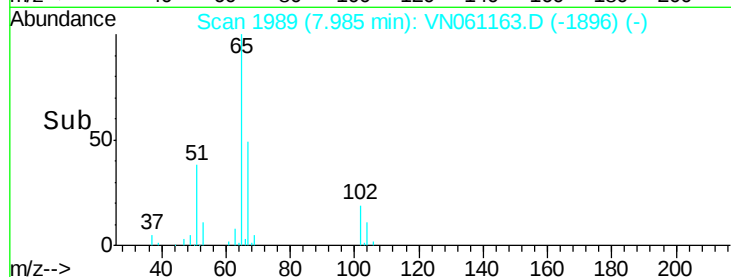
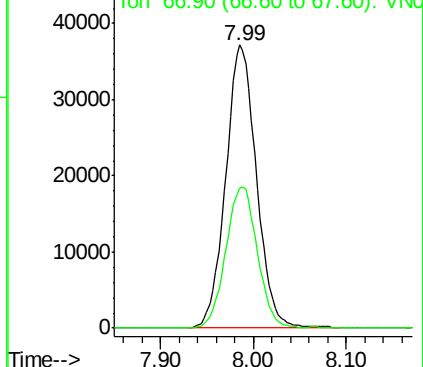
Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061163.D (-1896) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061163.D

Acq: 28 Apr 2020 14:54

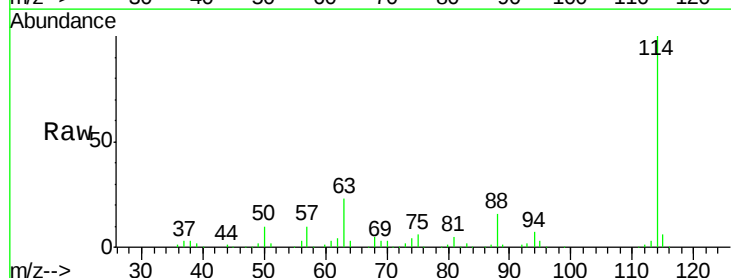
Tgt Ion: 114 Resp: 190547

Ion Ratio Lower Upper

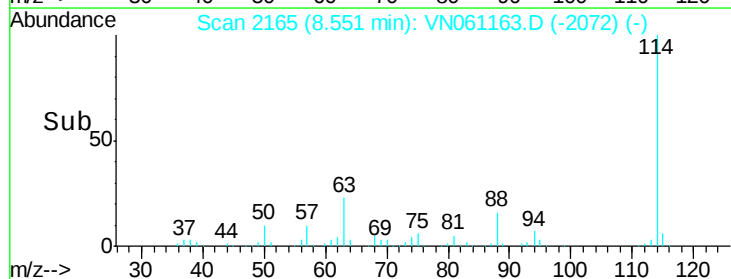
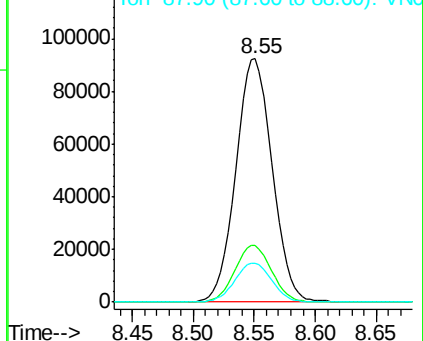
114 100

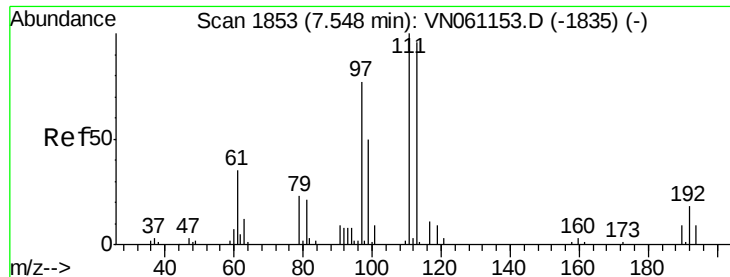
63 23.3 0.0 46.6

88 16.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061163.D (-2072) (-)





#35

Dibromofluoromethane

Concen: 51.025 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061163.D

Acq: 28 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-GW-558-560

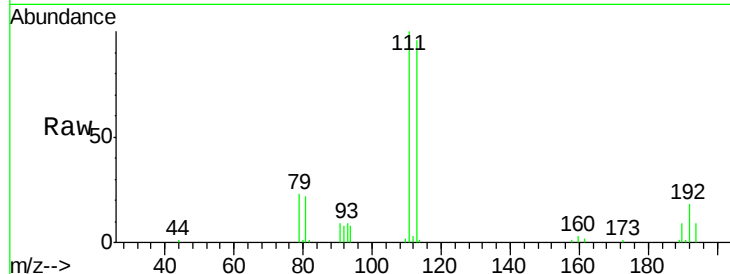
Tot Ion:113 Resp: 57492

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

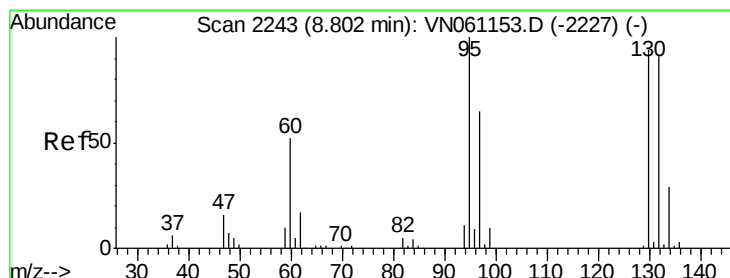
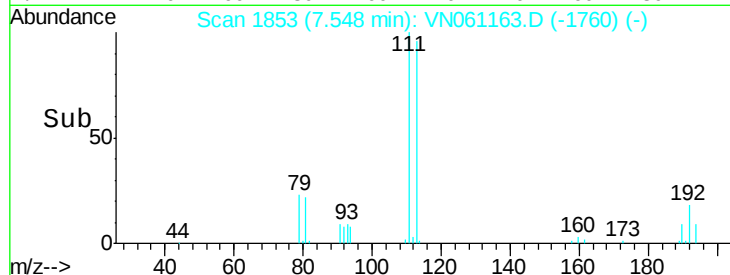
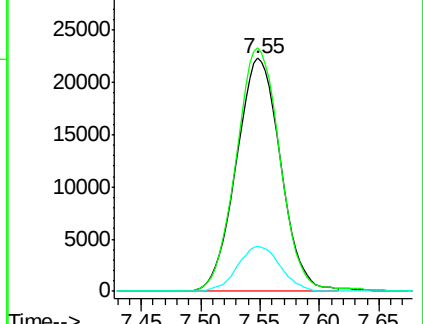
192 18.6 14.7 22.1



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: 2.151 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061163.D

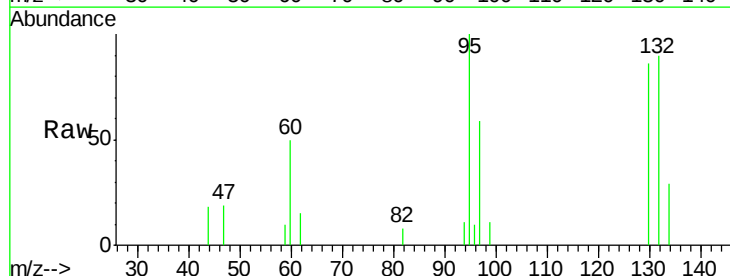
Acq: 28 Apr 2020 14:54

Tgt Ion:130 Resp: 3304

Ion Ratio Lower Upper

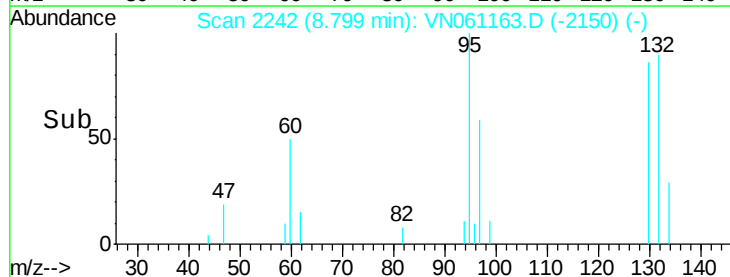
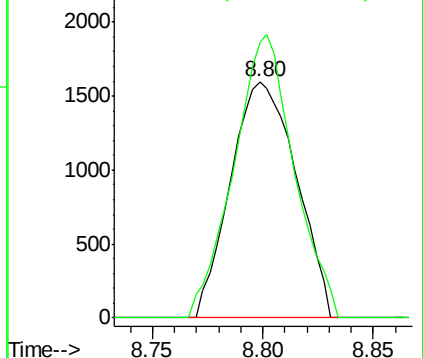
130 100

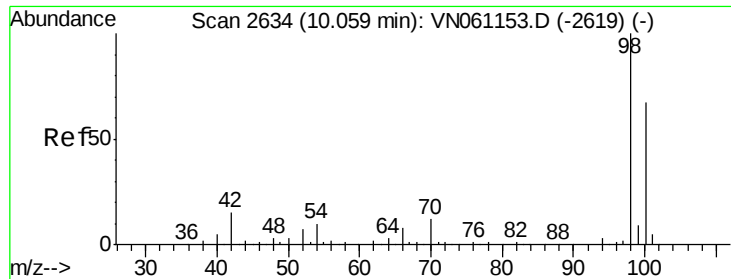
95 116.5 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.271 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061163.D

Acq: 28 Apr 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

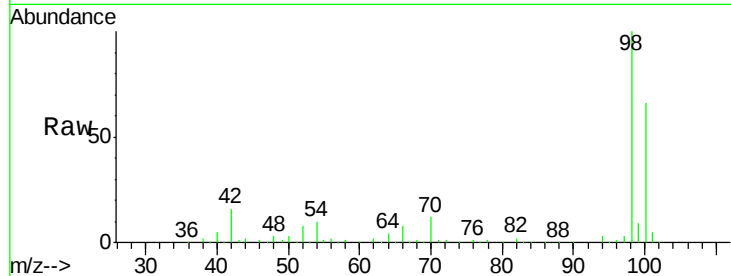
BP-VPB180-GW-558-560

Tot Ion: 98 Resp: 235501

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

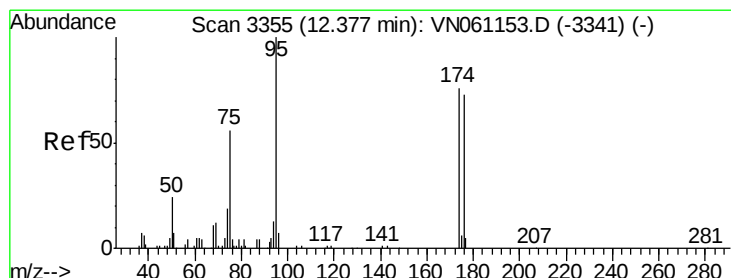
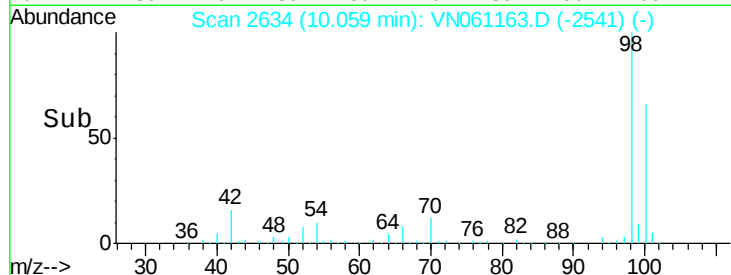
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.880 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061163.D

Acq: 28 Apr 2020 14:54

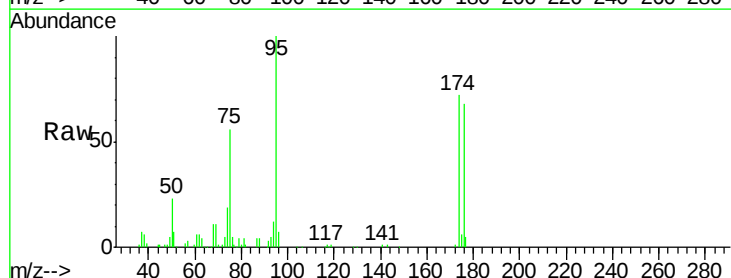
Tgt Ion: 95 Resp: 89674

Ion Ratio Lower Upper

95 100

174 72.7 0.0 149.4

176 70.1 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

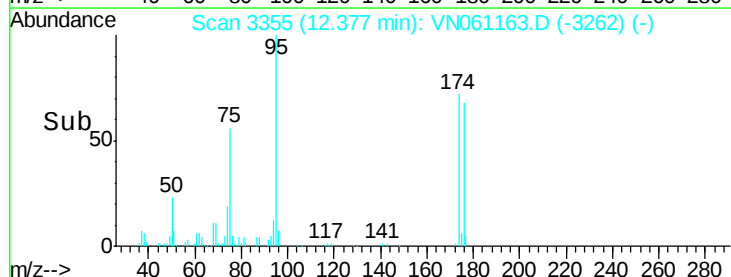
60000

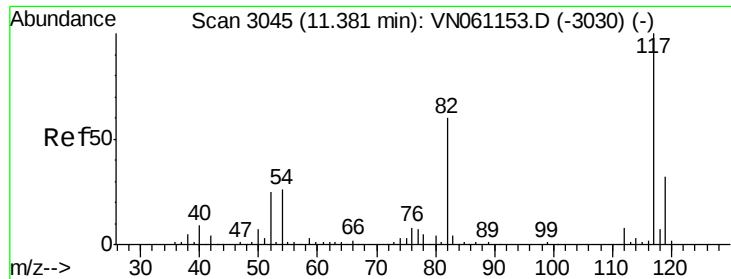
40000

20000

0

Time-->

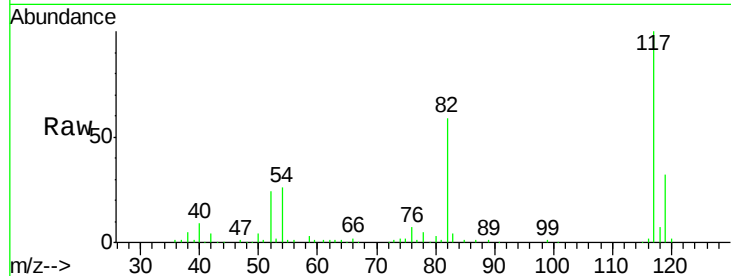




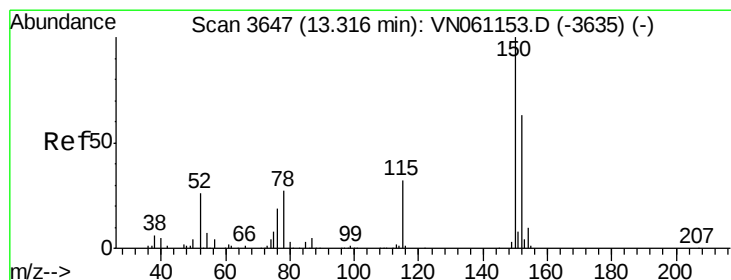
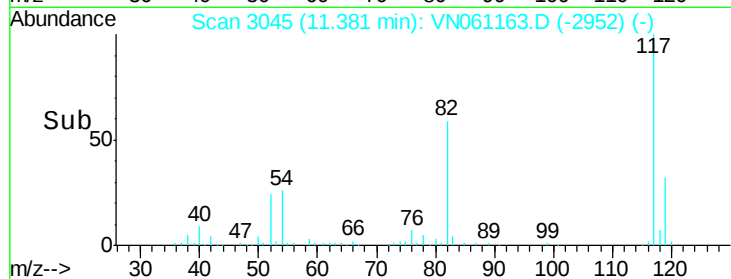
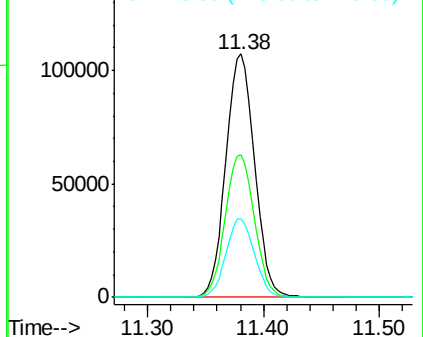
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061163.D
Acq: 28 Apr 2020 14:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-558-560

Tot Ion:117 Resp: 183588
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 32.4 25.8 38.6

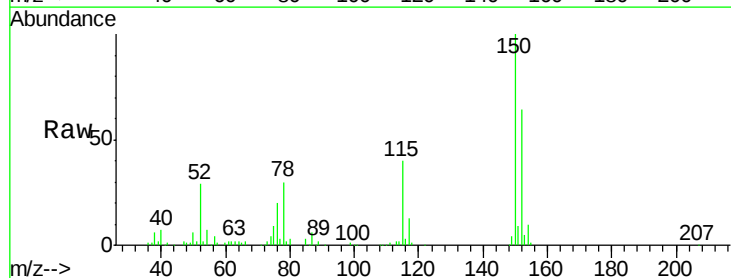


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061163.D
Acq: 28 Apr 2020 14:54

Tgt Ion:152 Resp: 82249
Ion Ratio Lower Upper
152 100
115 61.7 31.0 93.0
150 156.2 0.0 351.8



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

