

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061954.D
 Acq On : 19 Jun 2020 16:02
 Operator : JC/MD
 Sample : L2984-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-ER-2020-1

Quant Time: Jun 20 08:28:16 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

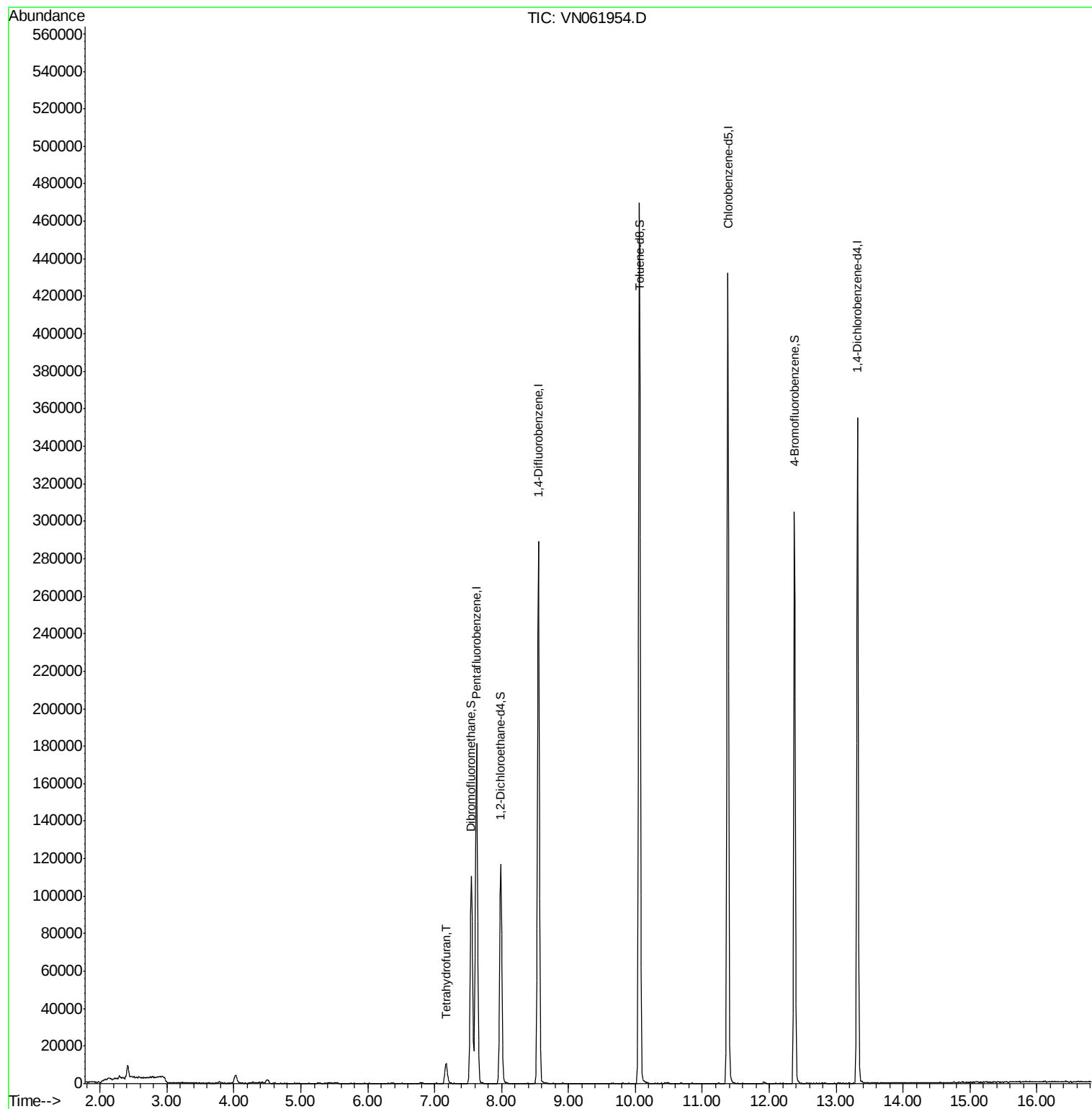
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	267983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99252	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	7.55	113	86998	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.06	98	336910	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.38	95	107464	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
29) Tetrahydrofuran	7.17	42	8321	14.872	ug/l	Qvalue 98

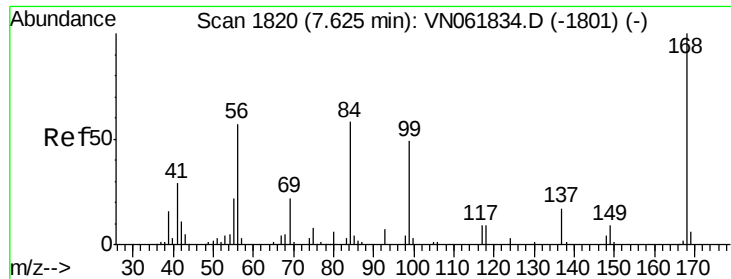
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
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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: VN061954.D

Acq: 19 Jun 2020 16:02

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ClientSampleId :

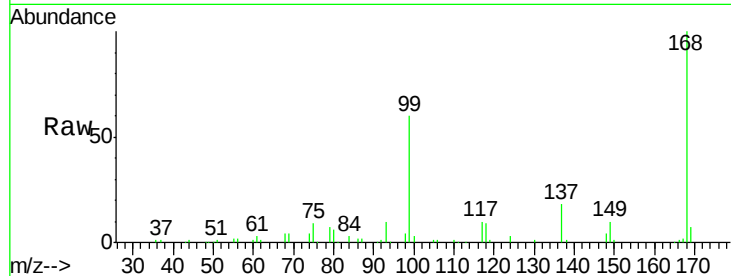
S49-ER-2020-1

Tot Ion:168 Resp: 147096

Ion Ratio Lower Upper

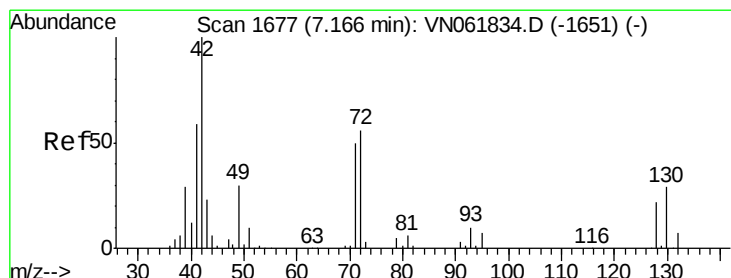
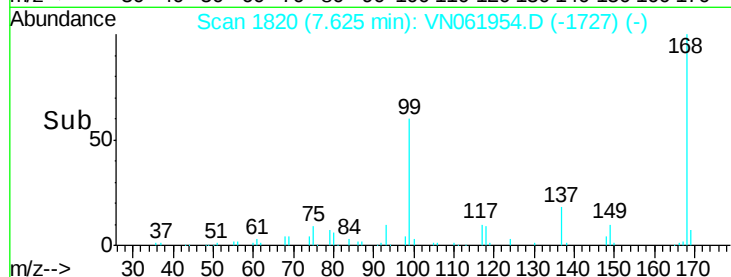
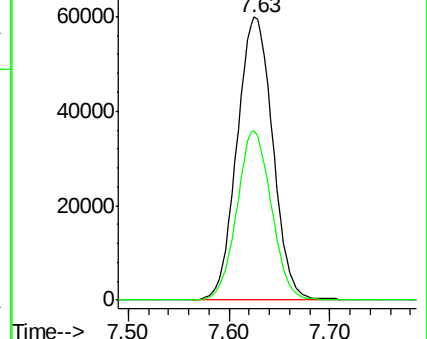
168 100

99 59.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#29

Tetrahydrofuran

Concen: 14.872 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.01 min

Lab File: VN061954.D

Acq: 19 Jun 2020 16:02

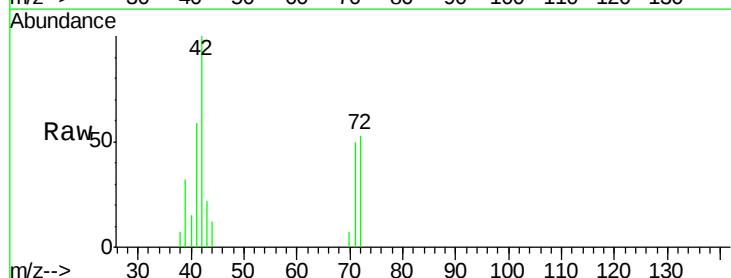
Tgt Ion: 42 Resp: 8321

Ion Ratio Lower Upper

42 100

72 55.0 44.0 66.0

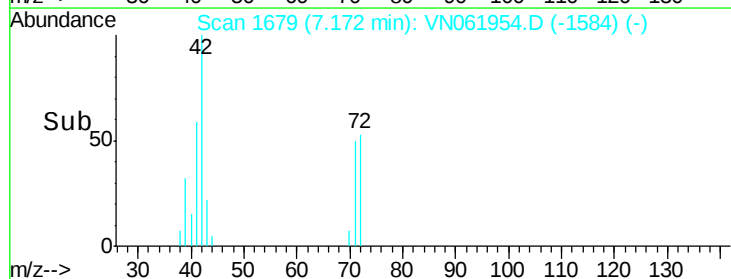
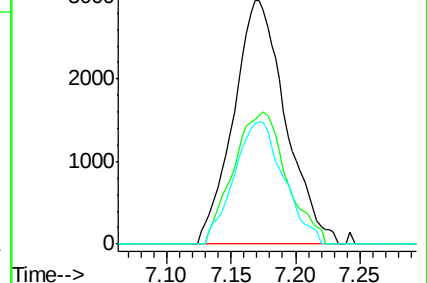
71 47.6 40.0 60.0

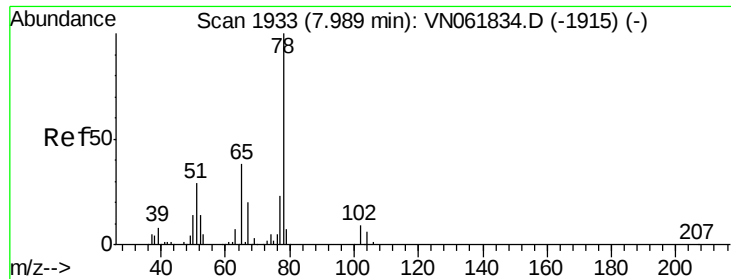


Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.311 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061954.D

Acq: 19 Jun 2020 16:02

Instrument :

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ClientSampleId :

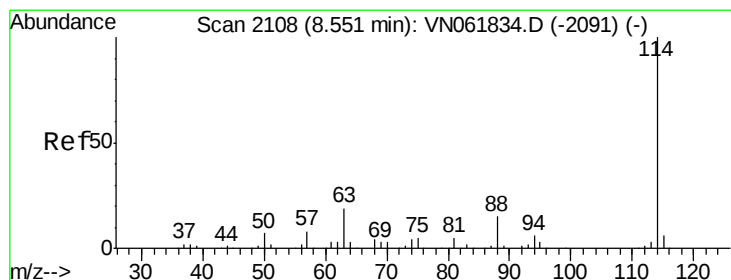
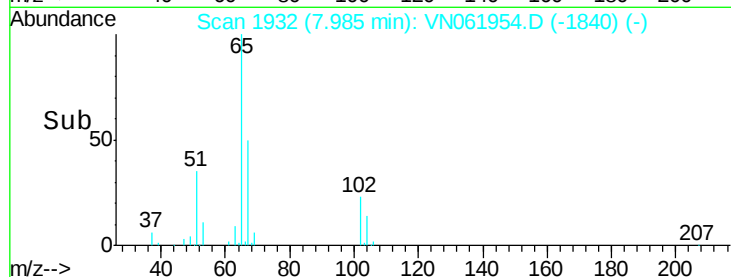
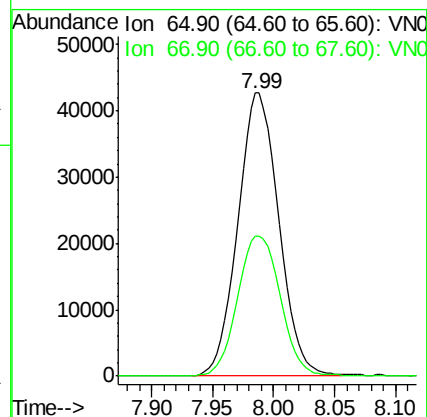
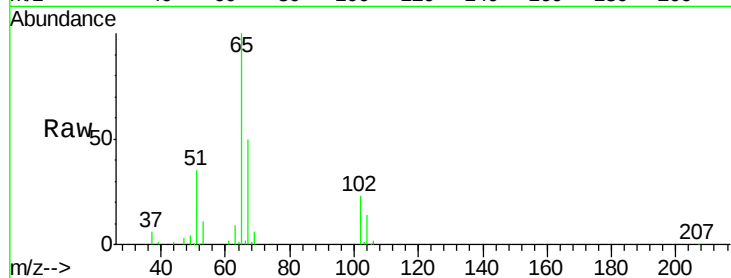
S49-ER-2020-1

Tot Ion: 65 Resp: 99252

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061954.D

Acq: 19 Jun 2020 16:02

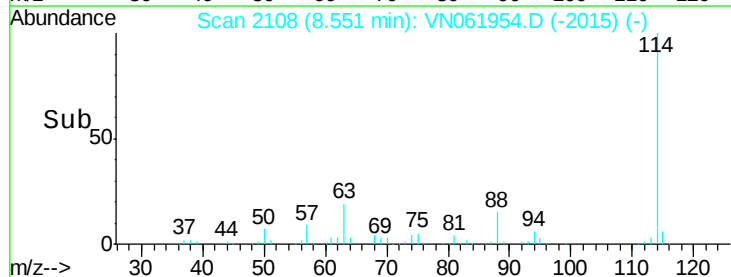
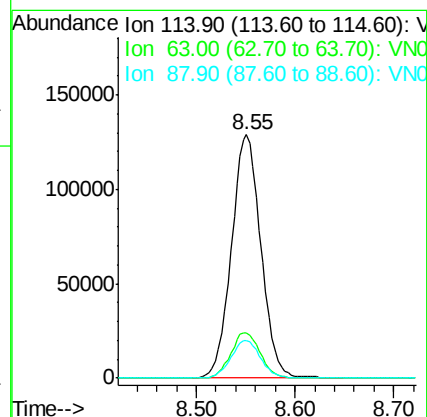
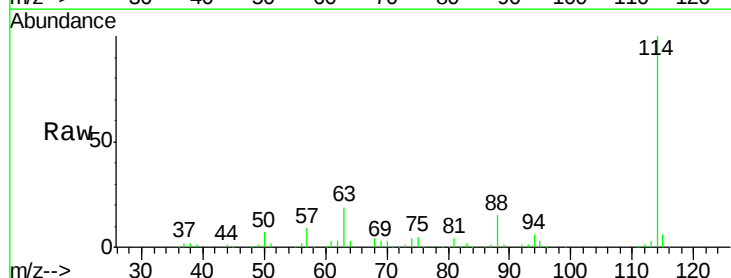
Tgt Ion: 114 Resp: 267983

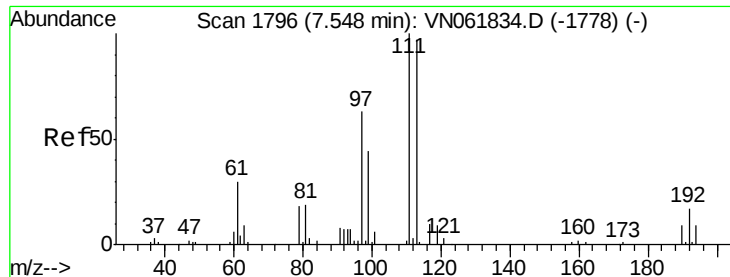
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 15.4 0.0 31.0

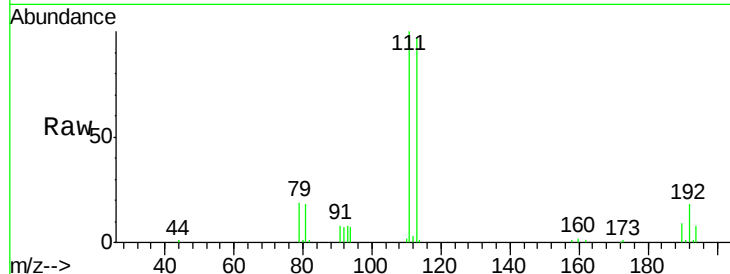




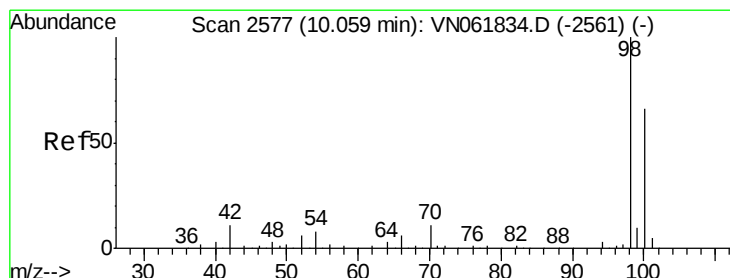
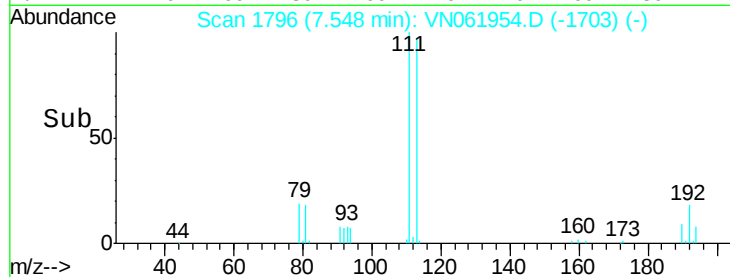
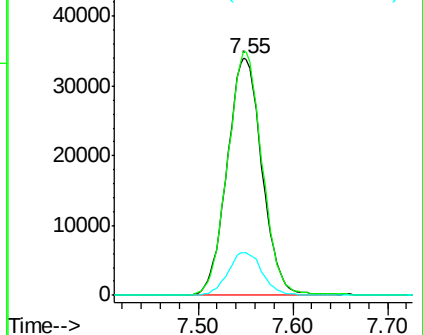
#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061954.D
Acq: 19 Jun 2020 16:02

Instrument :
MSVOA_N
ClientSampleId :
S49-ER-2020-1

Tot Ion:113 Resp: 86998
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 17.7 13.9 20.9

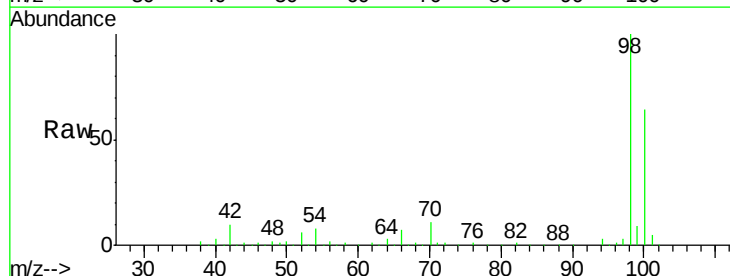


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

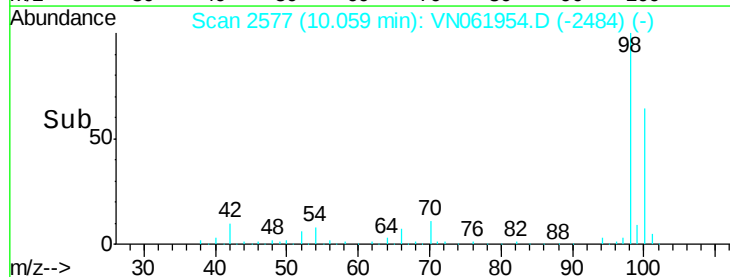
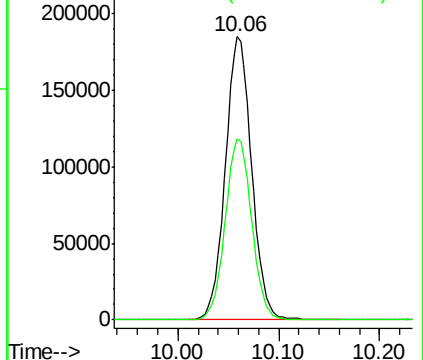


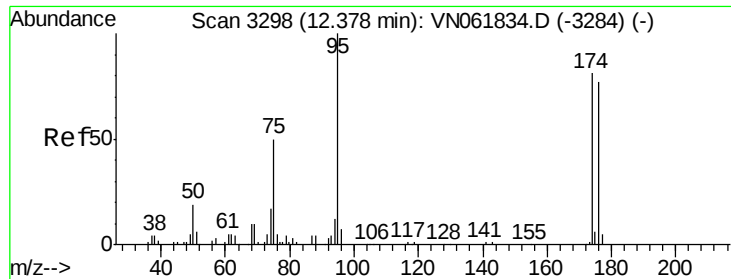
#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061954.D
Acq: 19 Jun 2020 16:02

Tgt Ion: 98 Resp: 336910
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 46.482 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061954.D

Acq: 19 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

S49-ER-2020-1

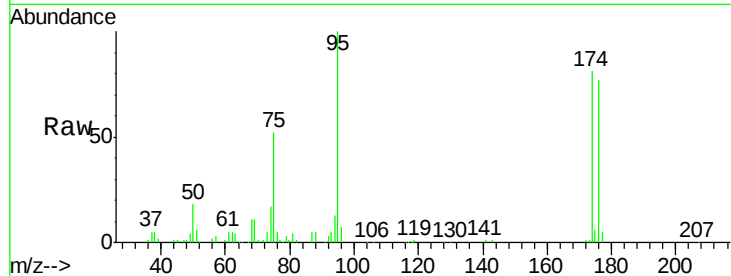
Tot Ion: 95 Resp: 107464

Ion Ratio Lower Upper

95 100

174 79.4 0.0 158.6

176 75.7 0.0 152.0



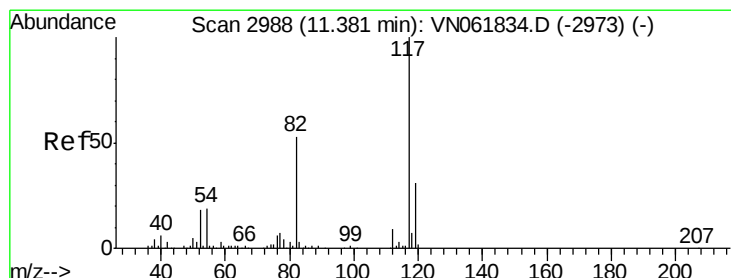
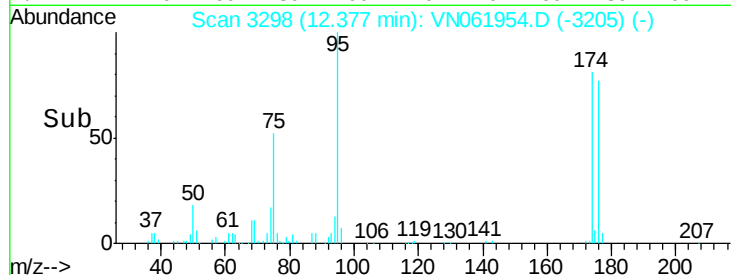
Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

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

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

12.38

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061954.D

Acq: 19 Jun 2020 16:02

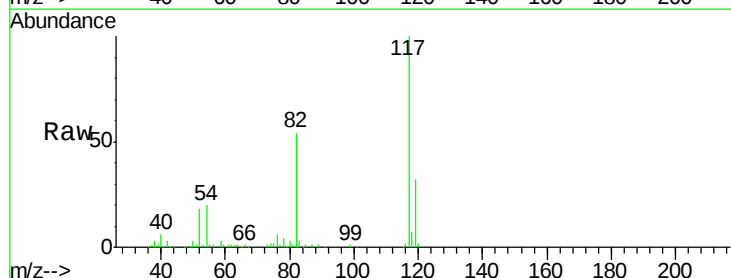
Tgt Ion: 117 Resp: 256855

Ion Ratio Lower Upper

117 100

82 53.8 42.6 64.0

119 31.6 24.7 37.1



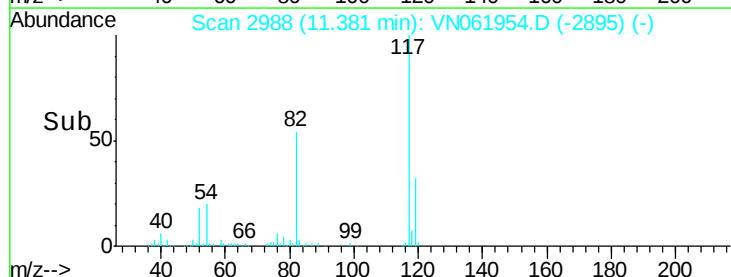
Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

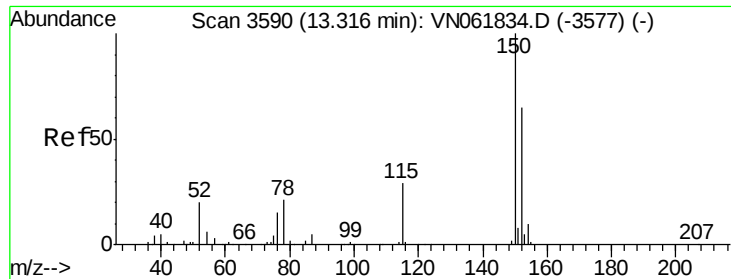
Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

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

11.38

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061954.D

Acq: 19 Jun 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

S49-ER-2020-1

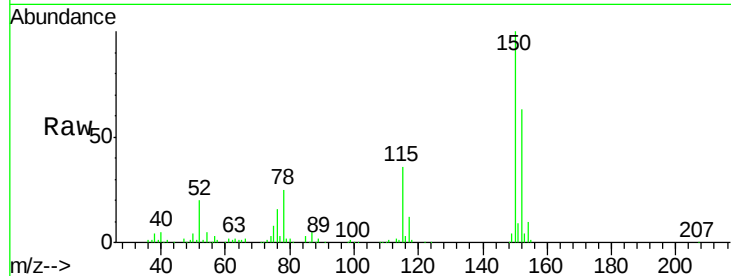
Tot Ion:152 Resp: 95640

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 159.6 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

