

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061953.D
 Acq On : 19 Jun 2020 15:38
 Operator : JC/MD
 Sample : L2984-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 20 08:25:56 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	142393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94347	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	97597	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	7.55	113	83580	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.06	98	327997	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.38	95	107671	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	

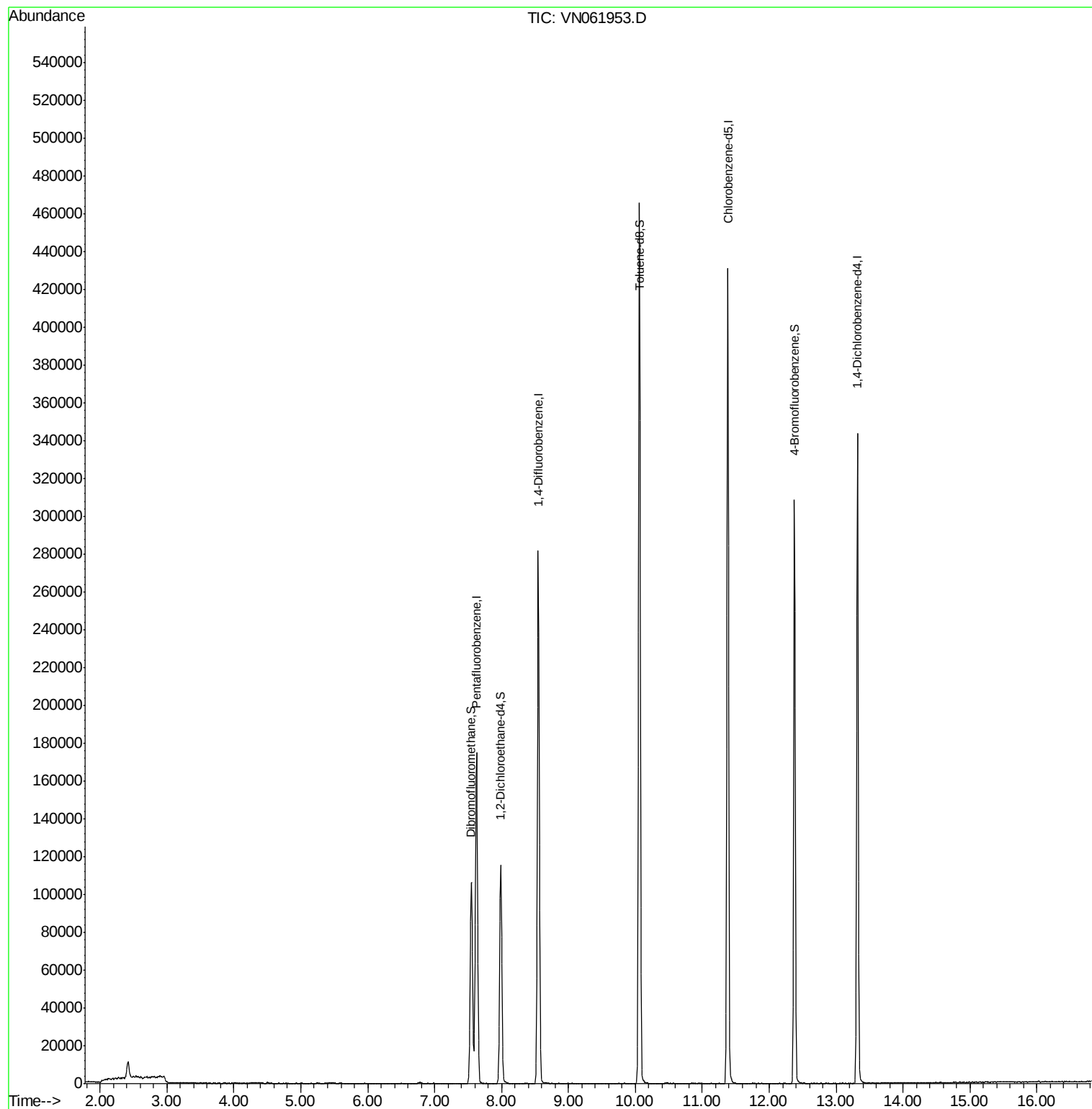
Target Compounds	Qvalue
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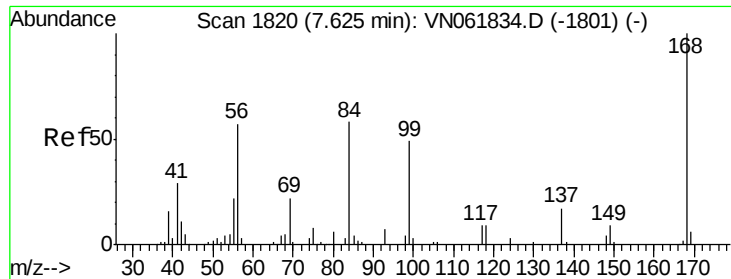
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061953.D

Acq: 19 Jun 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

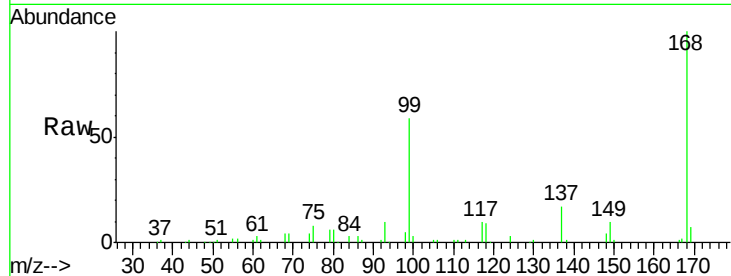
S49-TB-2020-1

Tot Ion:168 Resp: 142393

Ion Ratio Lower Upper

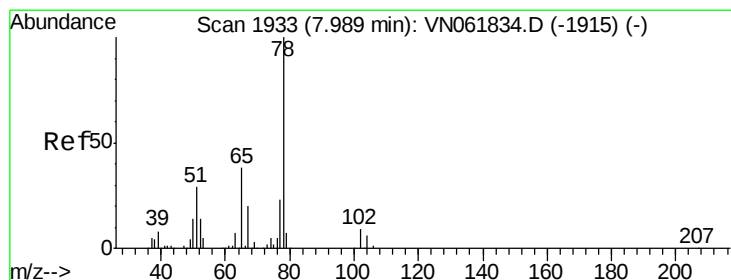
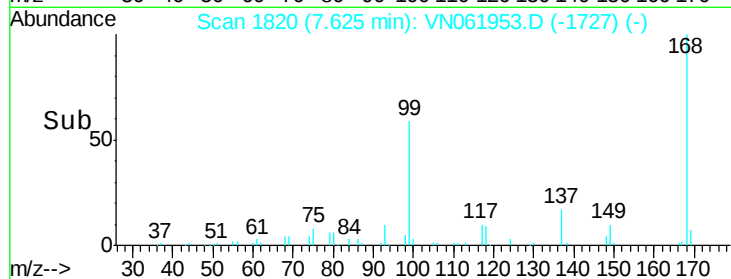
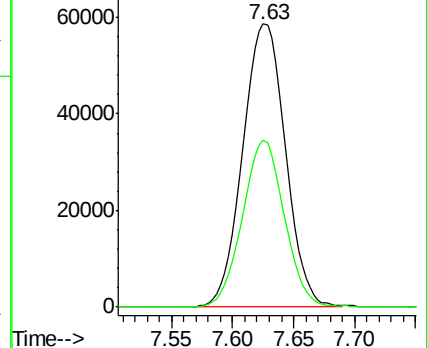
168 100

99 59.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 51.106 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061953.D

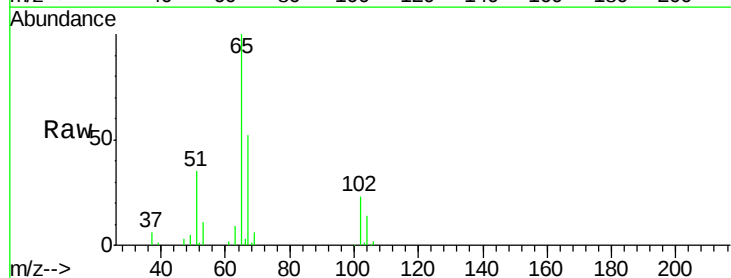
Acq: 19 Jun 2020 15:38

Tgt Ion: 65 Resp: 97597

Ion Ratio Lower Upper

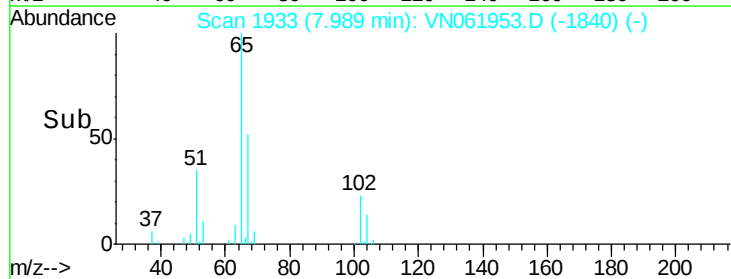
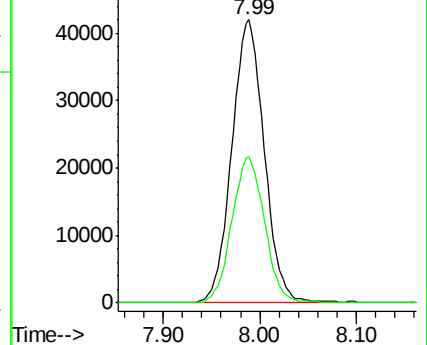
65 100

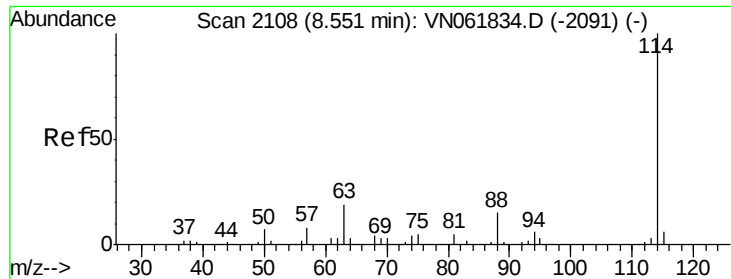
67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

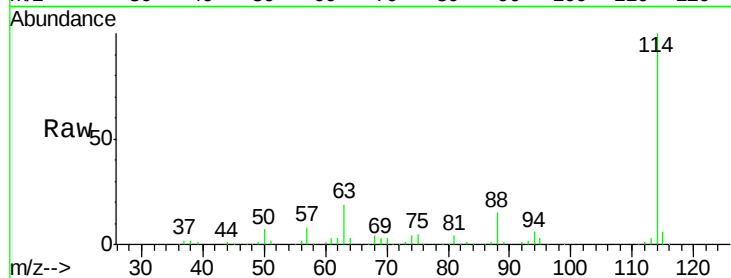




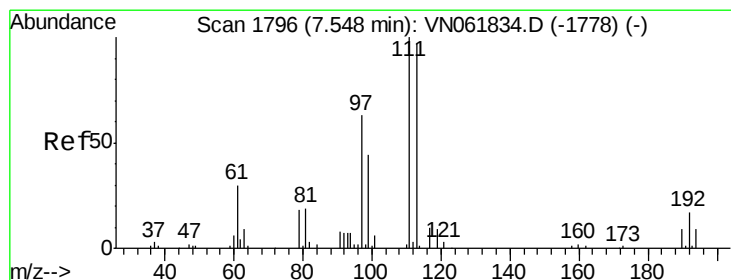
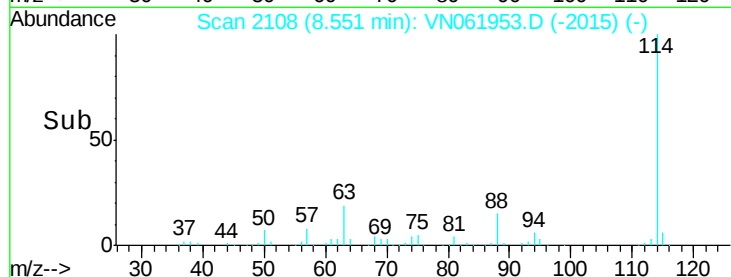
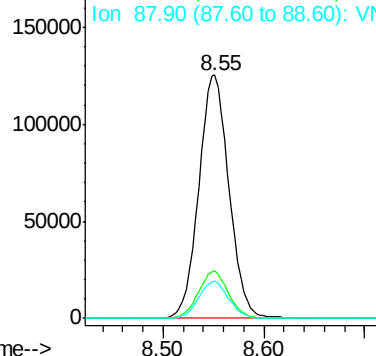
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

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

Tot Ion:114 Resp: 260844
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.6
 88 15.4 0.0 31.0

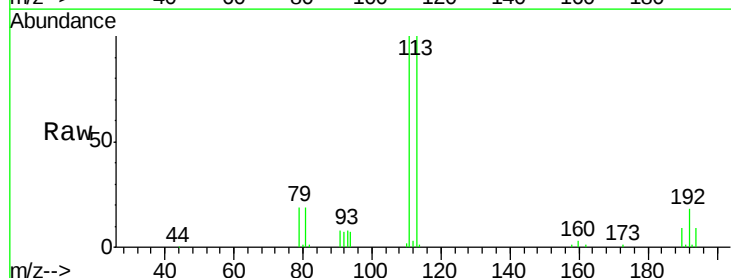


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

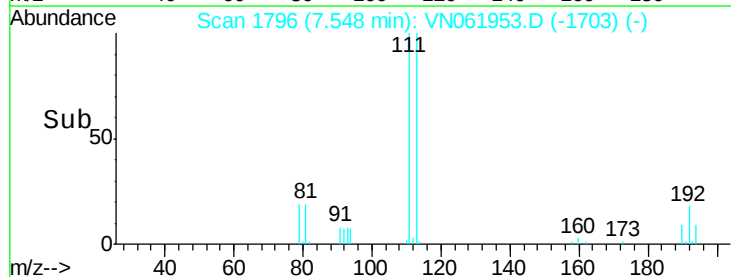
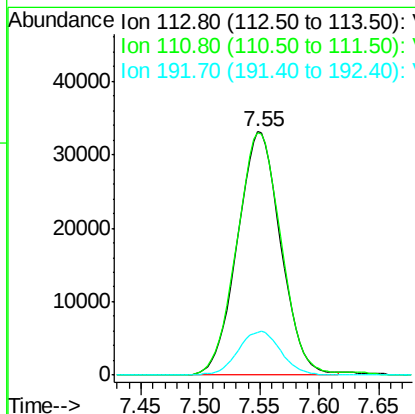


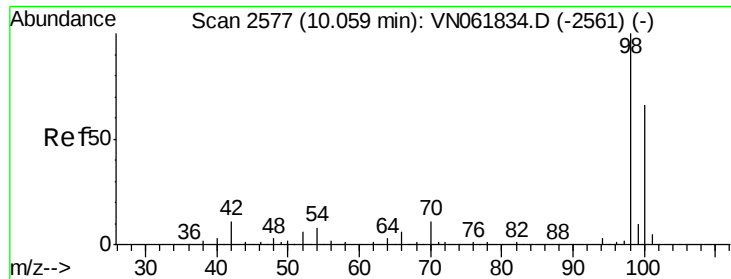
#35
 Dibromofluoromethane
 Concen: 50.086 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061953.D
 Acq: 19 Jun 2020 15:38

Tgt Ion:113 Resp: 83580
 Ion Ratio Lower Upper
 113 100
 111 101.8 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: 49.996 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061953.D

Acq: 19 Jun 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

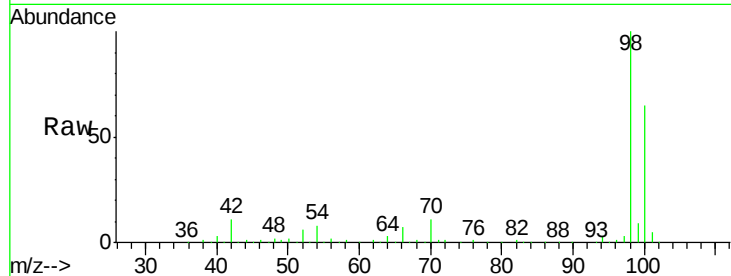
S49-TB-2020-1

Tot Ion: 98 Resp: 327997

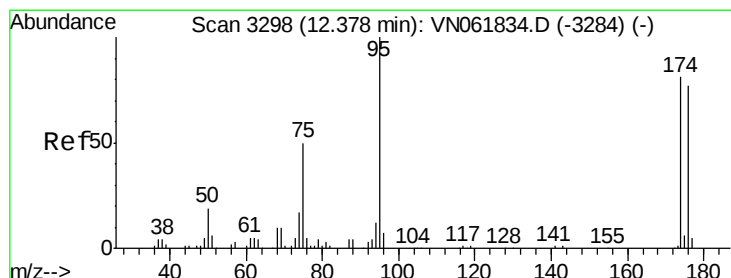
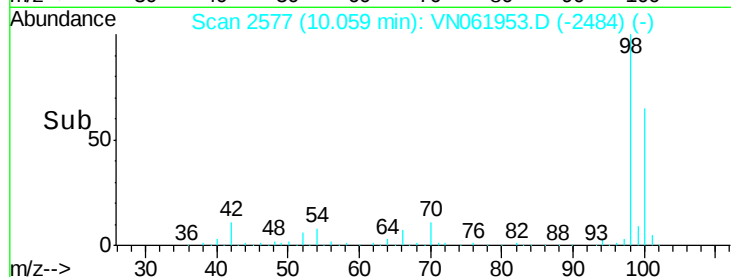
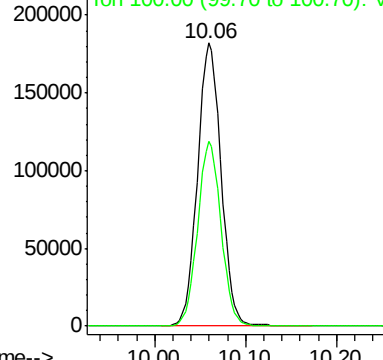
Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



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



#62

4-Bromofluorobenzene

Concen: 47.846 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061953.D

Acq: 19 Jun 2020 15:38

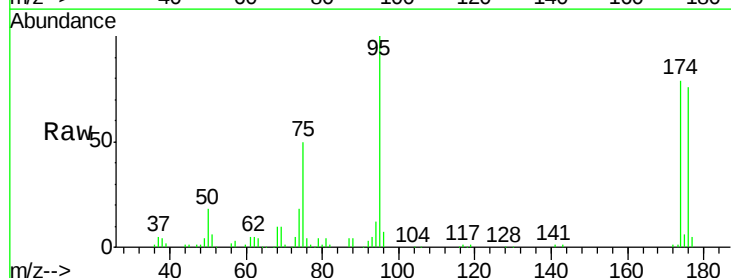
Tgt Ion: 95 Resp: 107671

Ion Ratio Lower Upper

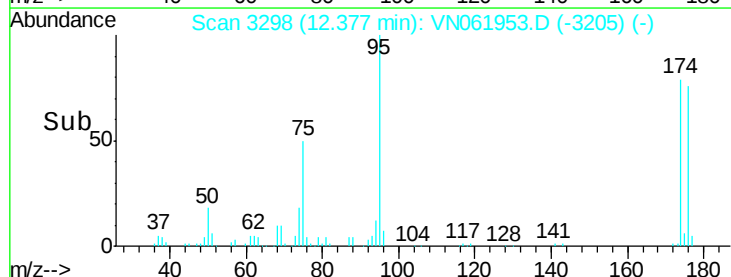
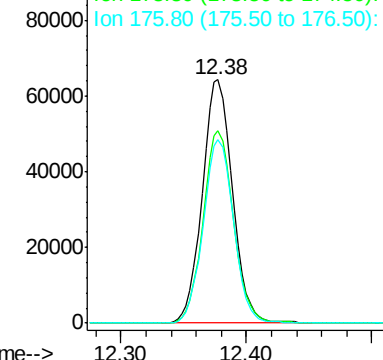
95 100

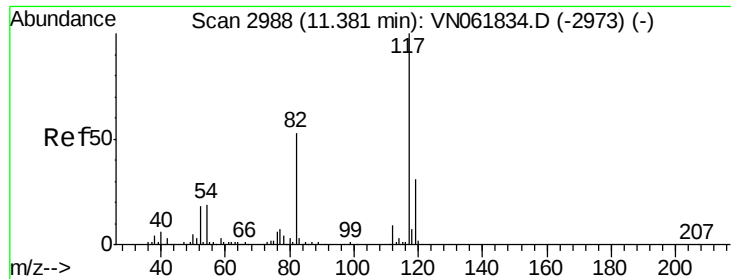
174 79.3 0.0 158.6

176 75.5 0.0 152.0



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

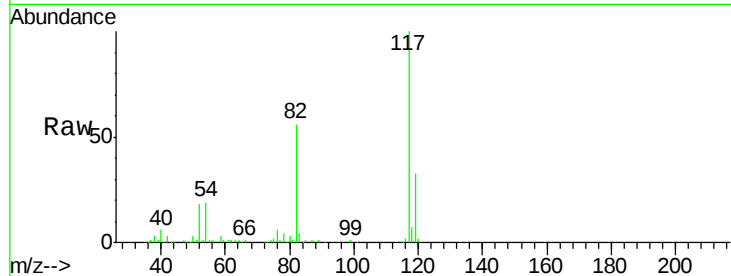




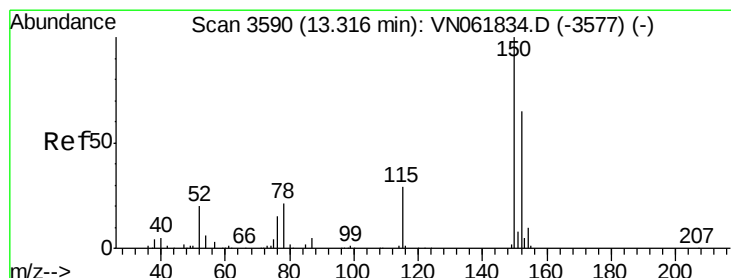
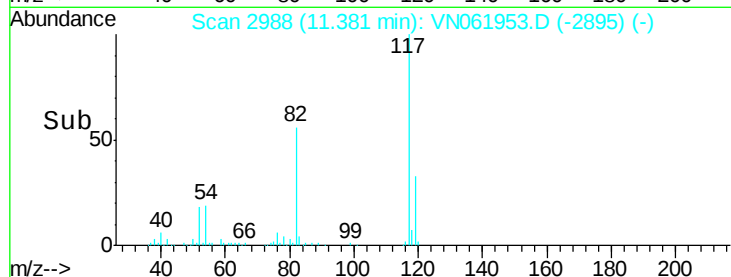
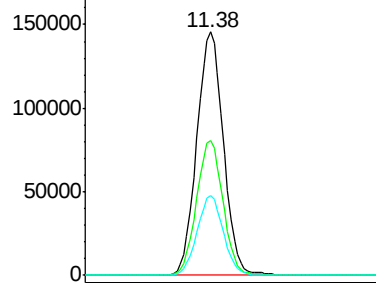
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061953.D
Acq: 19 Jun 2020 15:38

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

Tot Ion:117 Resp: 253852
Ion Ratio Lower Upper
117 100
82 55.6 42.6 64.0
119 32.8 24.7 37.1

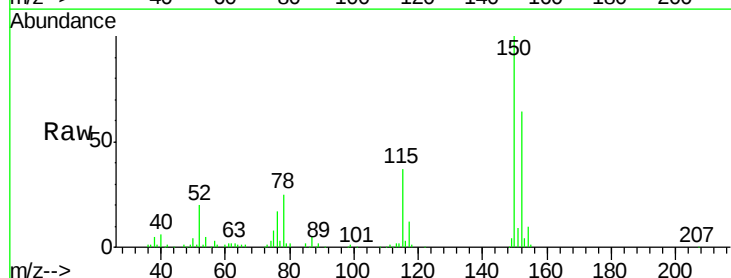


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061953.D
Acq: 19 Jun 2020 15:38

Tgt Ion:152 Resp: 94347
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 156.1 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

