

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054559.D
 Acq On : 22 Mar 2019 15:47
 Operator : JC/SP
 Sample : K2043-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-QC-190319-TB2

Quant Time: Mar 23 03:47:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	617788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	984772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	789216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	262383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	435694	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
35) Dibromofluoromethane	7.59	113	336769	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.09	98	1256812	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	367012	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

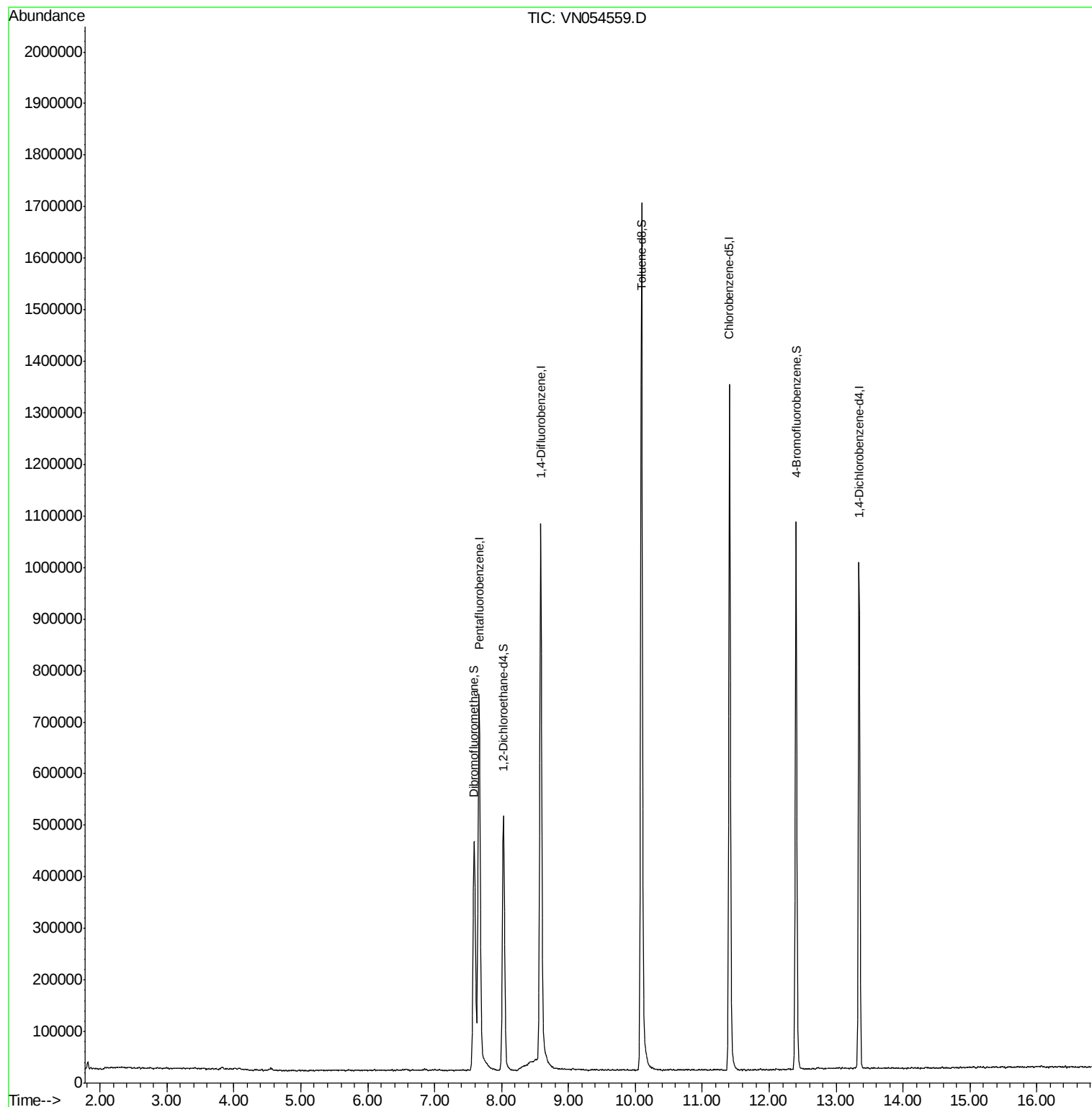
Target Compounds	Qvalue

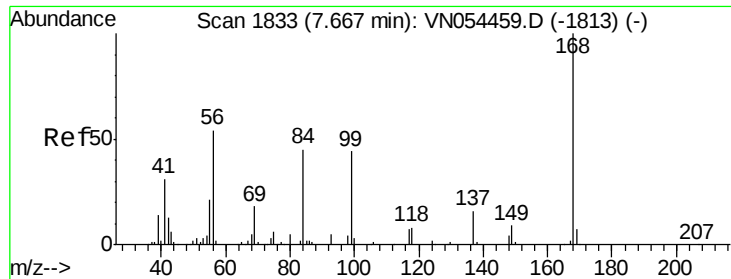
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054559.D

Acq: 22 Mar 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

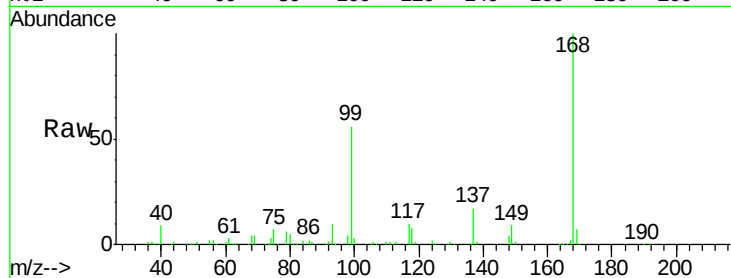
FIELD-QC-190319-TB2

Tot Ion:168 Resp: 617788

Ion Ratio Lower Upper

168 100

99 55.7 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

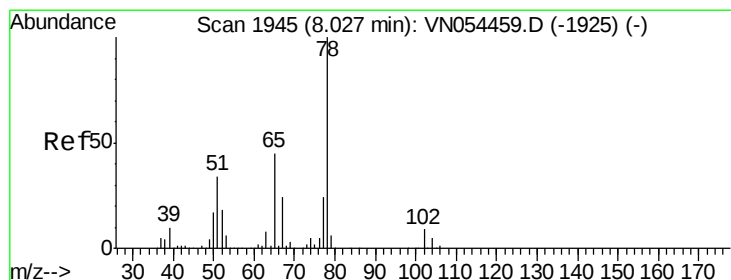
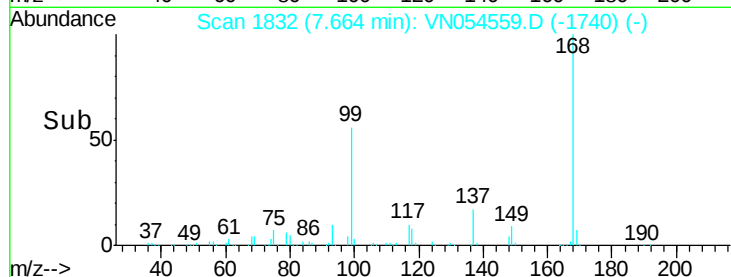
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 56.699 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054559.D

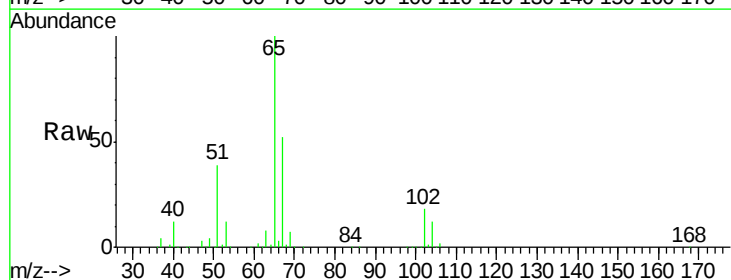
Acq: 22 Mar 2019 15:47

Tgt Ion: 65 Resp: 435694

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

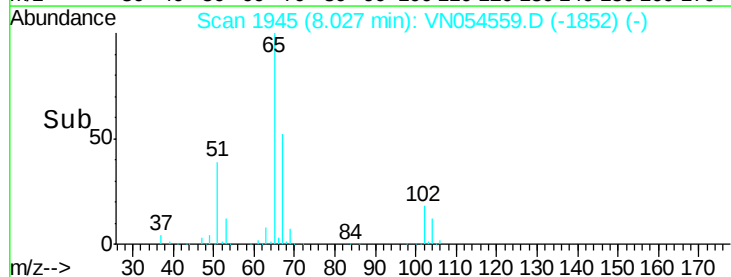
150000

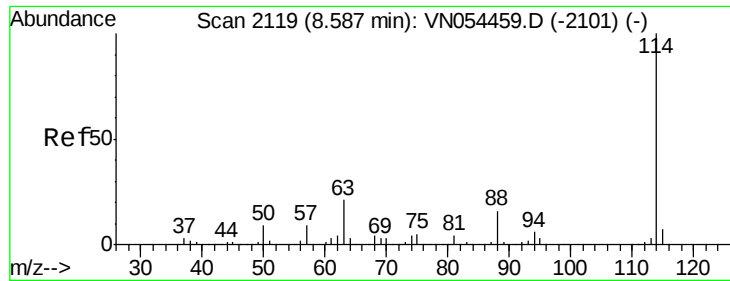
100000

50000

0

Time--> 7.90 8.00 8.10 8.20

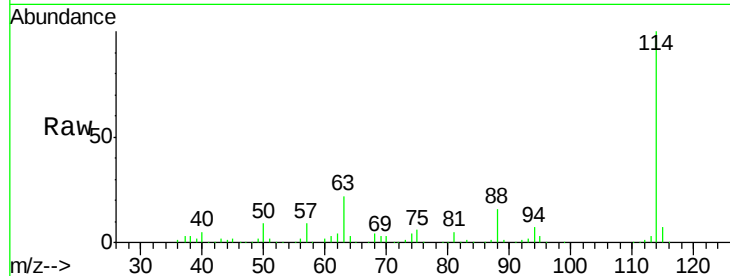




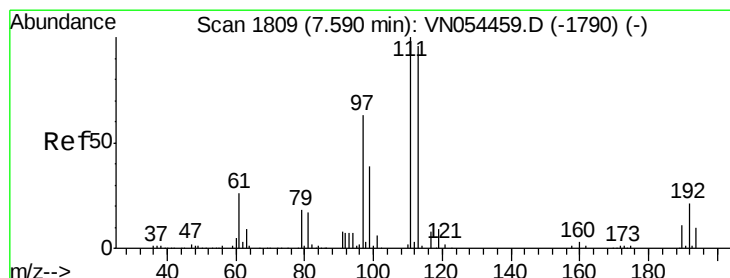
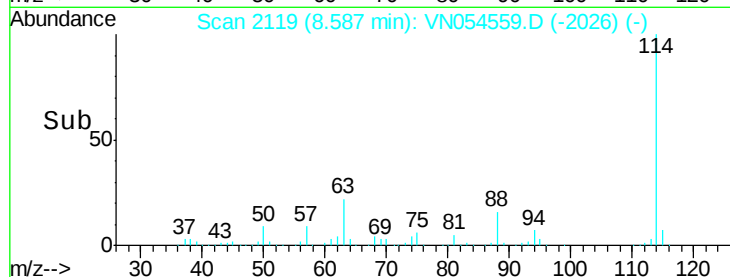
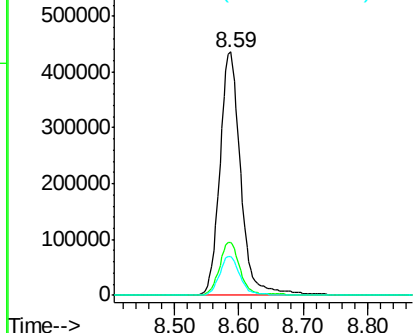
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054559.D
 Acq: 22 Mar 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-QC-190319-TB2

Tot Ion:114 Resp: 984772
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.8 0.0 30.2

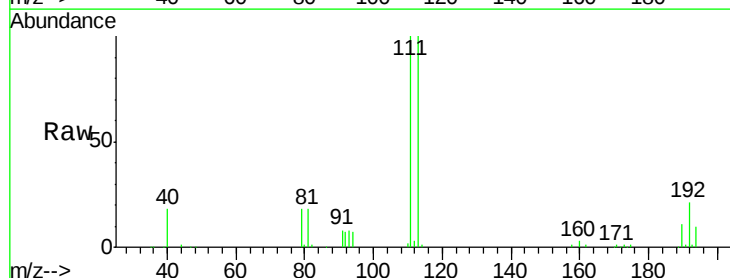


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

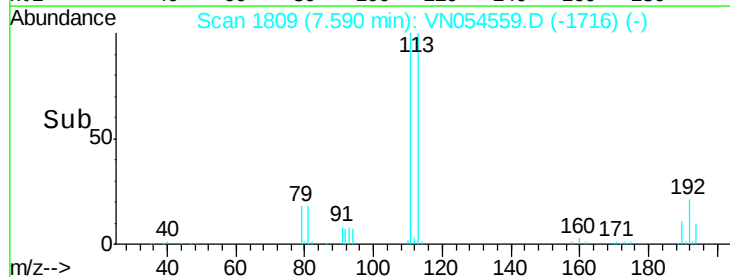
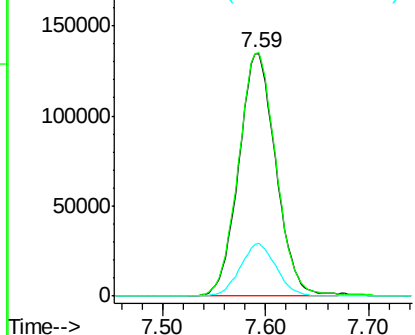


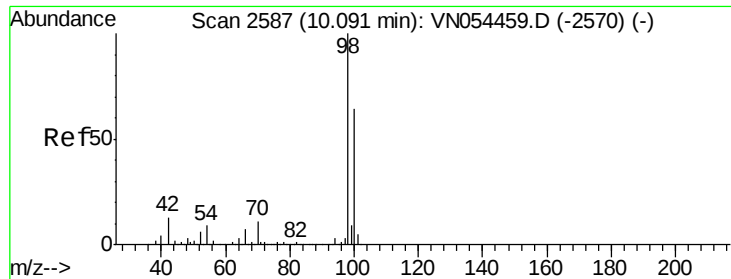
#35
 Dibromofluoromethane
 Concen: 53.081 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054559.D
 Acq: 22 Mar 2019 15:47

Tgt Ion:113 Resp: 336769
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 21.1 19.2 28.8



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: 52.694 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054559.D

Acq: 22 Mar 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

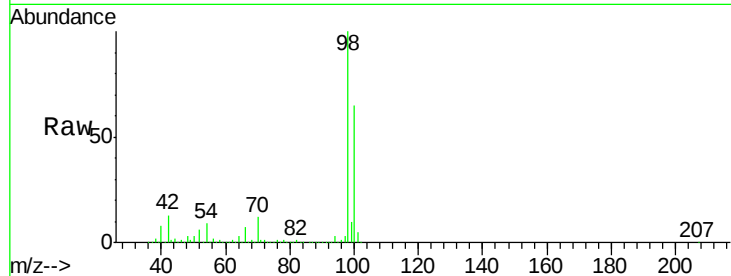
FIELD-QC-190319-TB2

Tot Ion: 98 Resp: 1256812

Ion Ratio Lower Upper

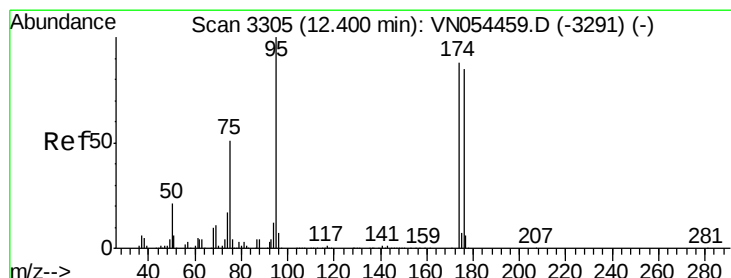
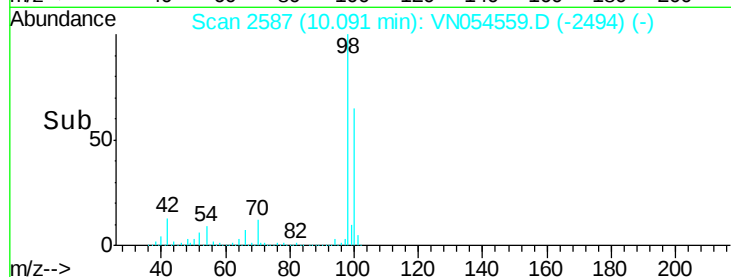
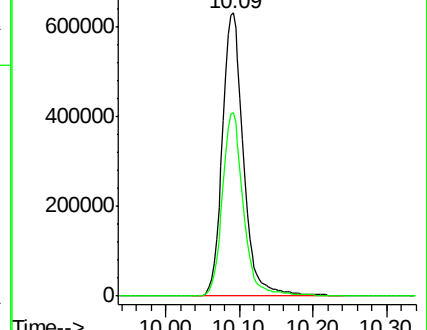
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 45.220 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054559.D

Acq: 22 Mar 2019 15:47

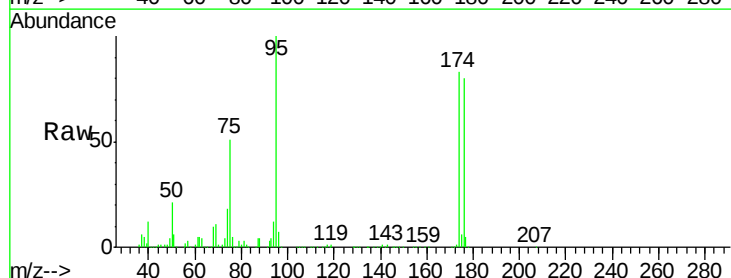
Tgt Ion: 95 Resp: 367012

Ion Ratio Lower Upper

95 100

174 83.6 0.0 191.0

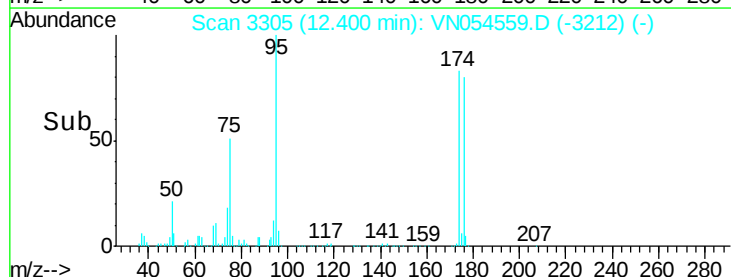
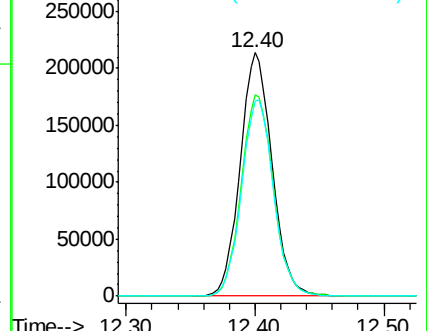
176 81.0 0.0 187.4

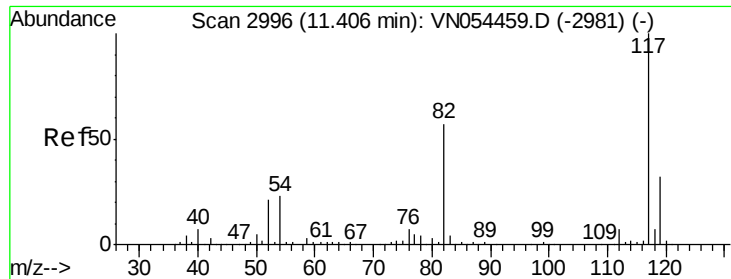


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054559.D

Acq: 22 Mar 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

FIELD-QC-190319-TB2

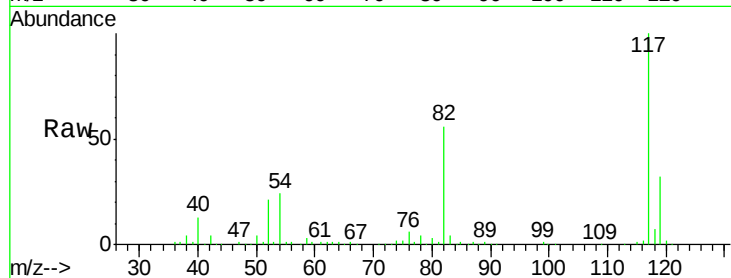
Tot Ion:117 Resp: 789216

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

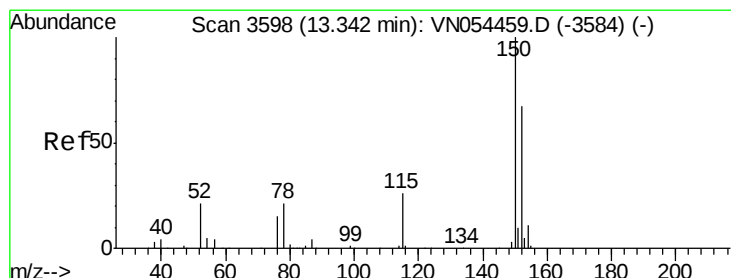
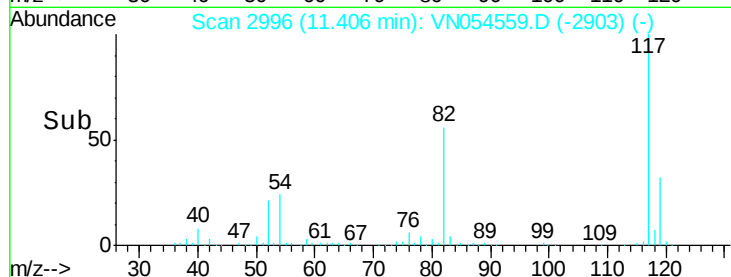
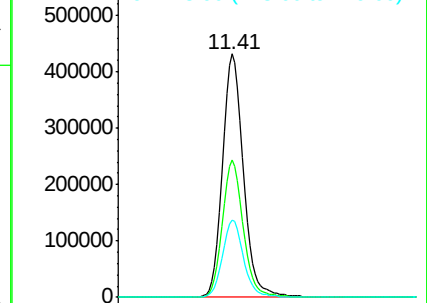
119 31.9 25.8 38.6



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054559.D

Acq: 22 Mar 2019 15:47

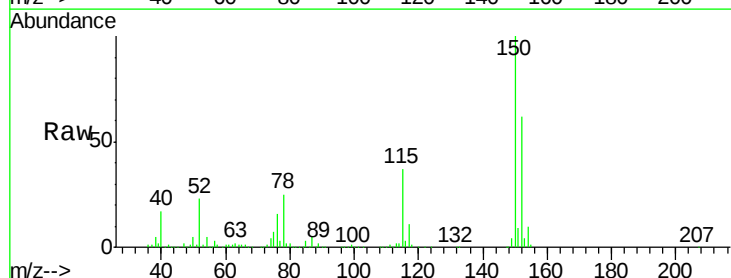
Tgt Ion:152 Resp: 262383

Ion Ratio Lower Upper

152 100

115 58.9 27.2 81.6

150 160.0 0.0 349.2



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

