

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032219\
 Data File : VN054560.D
 Acq On : 22 Mar 2019 16:15
 Operator : JC/SP
 Sample : K2047-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDQC-190318-TB1

Quant Time: Mar 23 03:49:55 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	610897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	810033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	292596	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420248	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	7.59	113	325063	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.09	98	1262816	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.40	95	390129	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

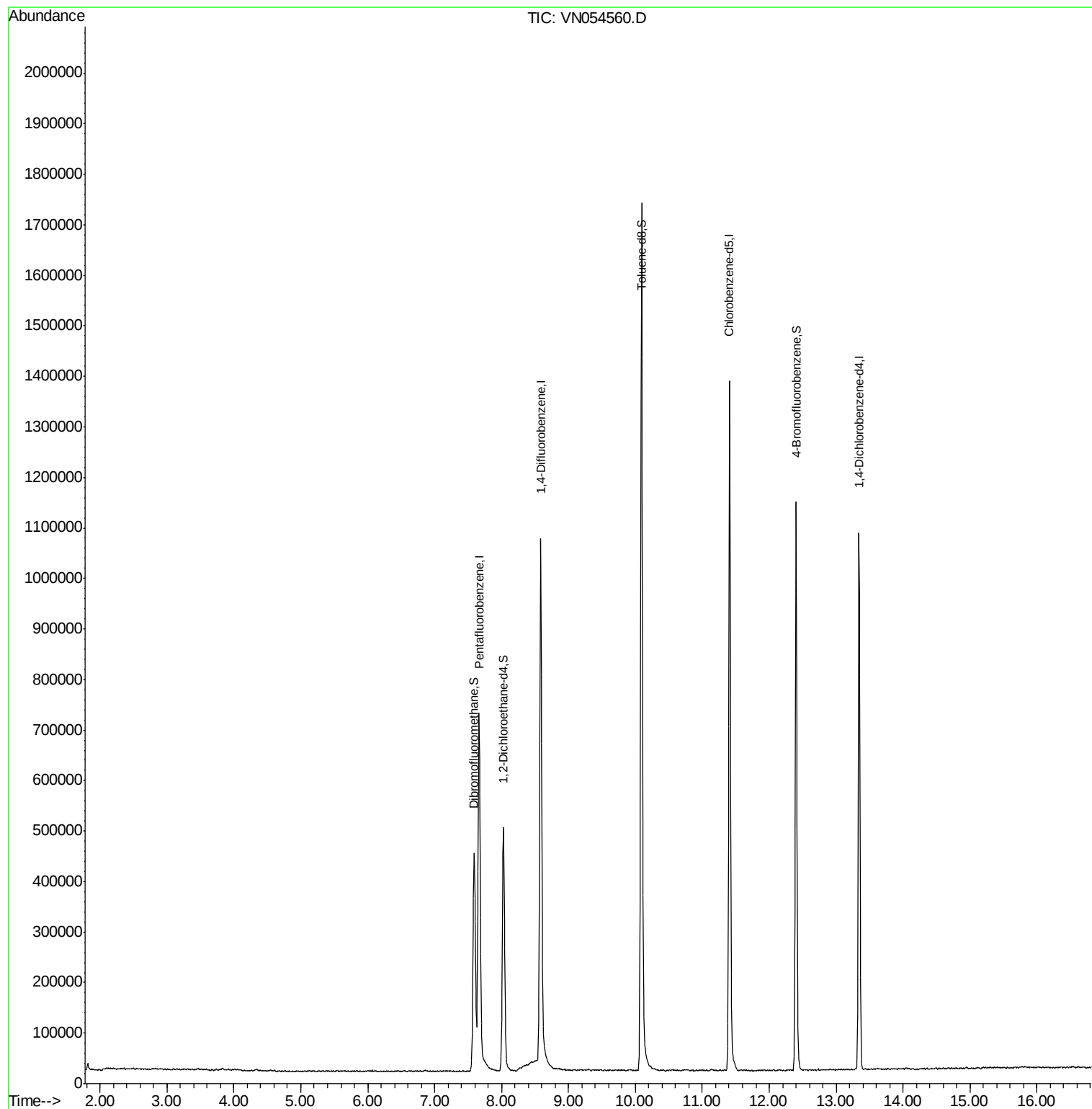
Target Compounds	Qvalue

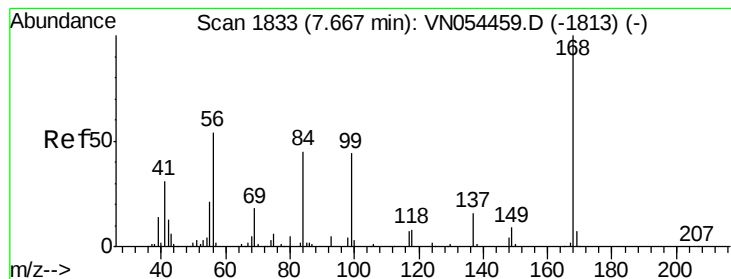
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

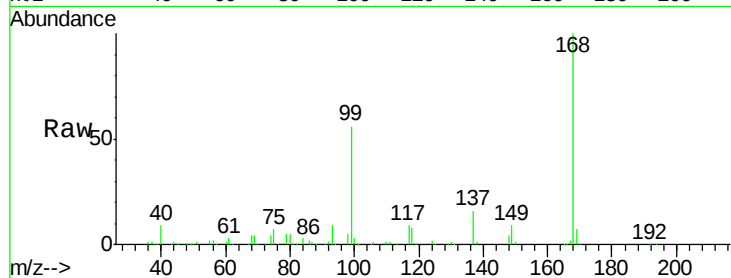
FIELDQC-190318-TB1

Tot Ion:168 Resp: 610897

Ion Ratio Lower Upper

168 100

99 55.5 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

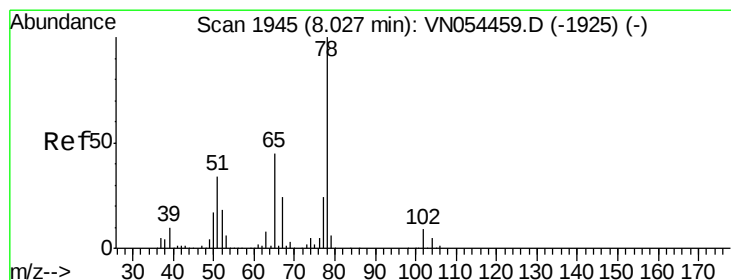
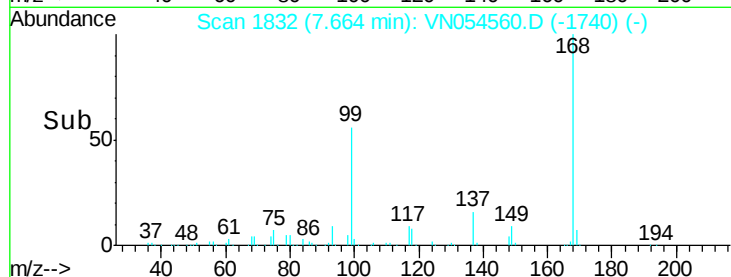
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.31 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054560.D

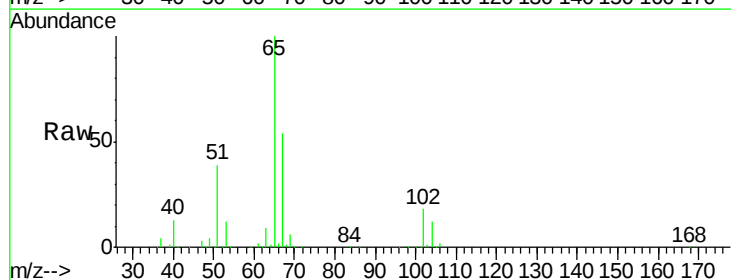
Acq: 22 Mar 2019 16:15

Tgt Ion: 65 Resp: 420248

Ion Ratio Lower Upper

65 100

67 52.4 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

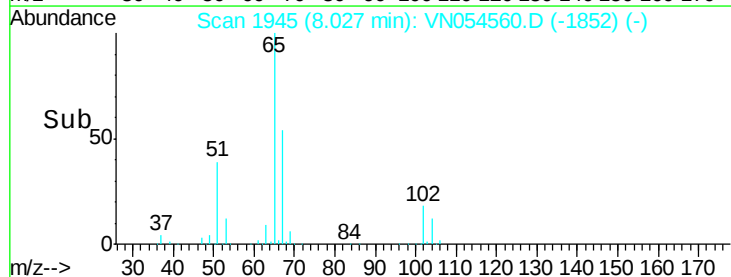
150000

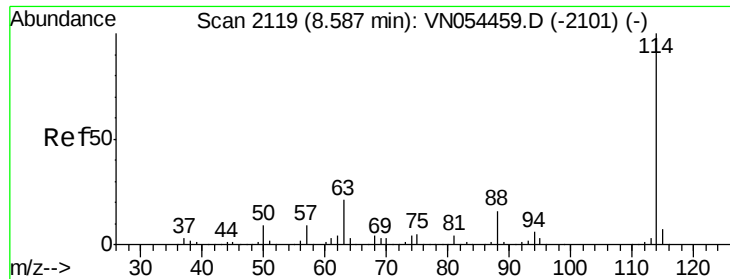
100000

50000

0

Time-->

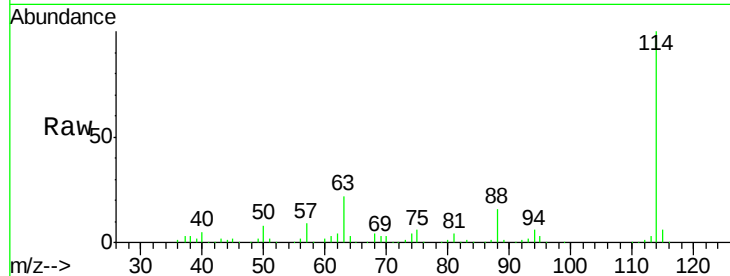




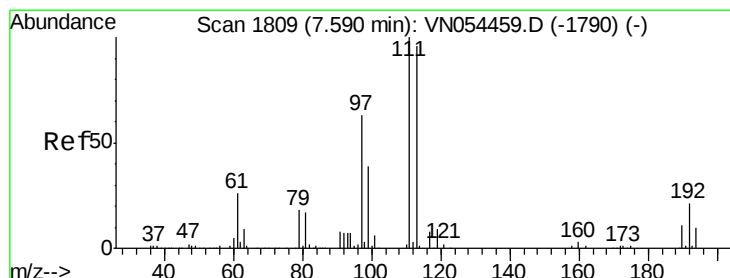
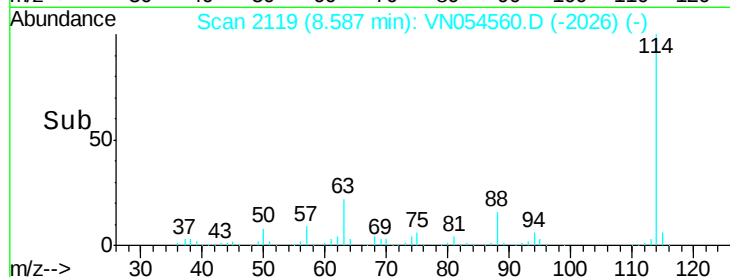
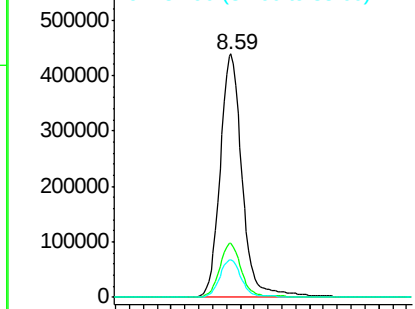
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Instrument :
MSVOA_N
ClientSampleId :
FIELDQC-190318-TB1

Tot Ion:114 Resp: 971724
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.2
88 15.6 0.0 30.2

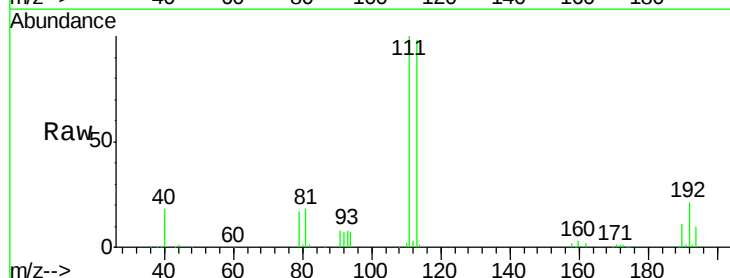


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

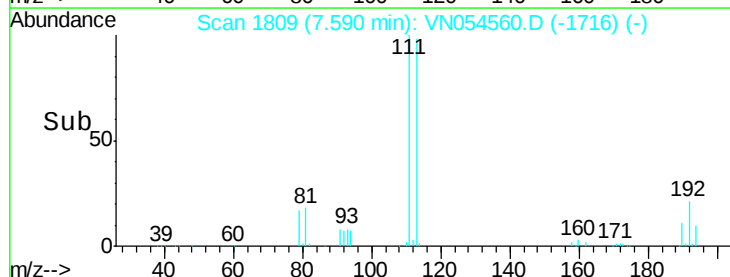
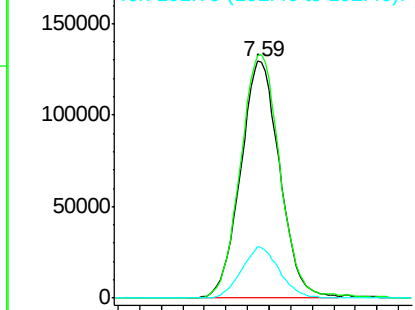


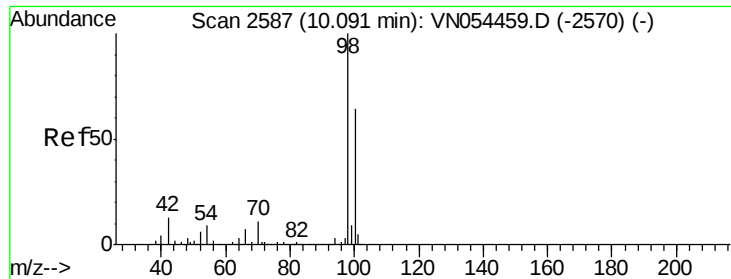
#35
Dibromofluoromethane
Concen: 51.92 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Tgt Ion:113 Resp: 325063
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 21.0 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: 53.66 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

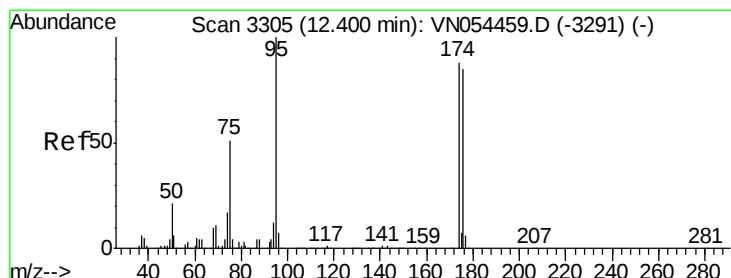
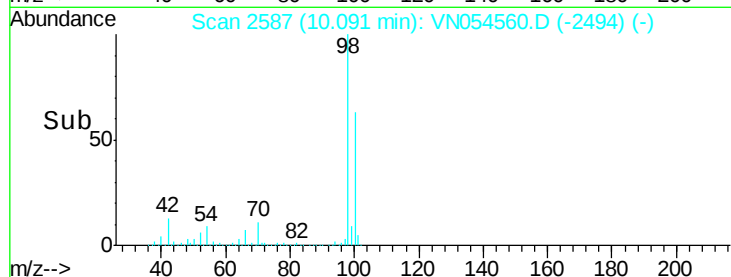
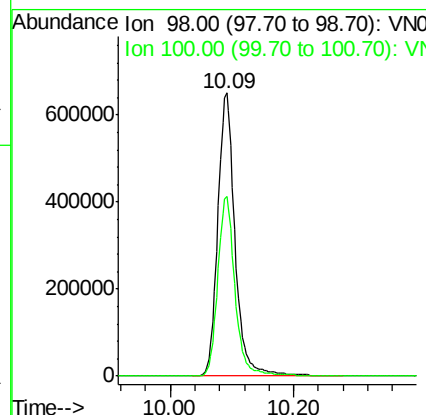
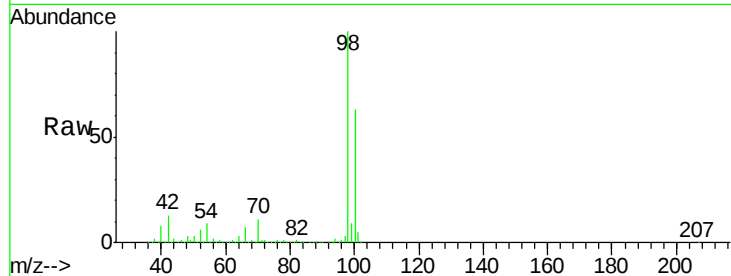
FIELDQC-190318-TB1

Tot Ion: 98 Resp: 1262816

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.71 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

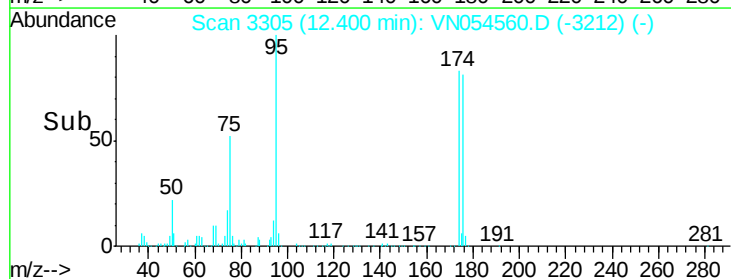
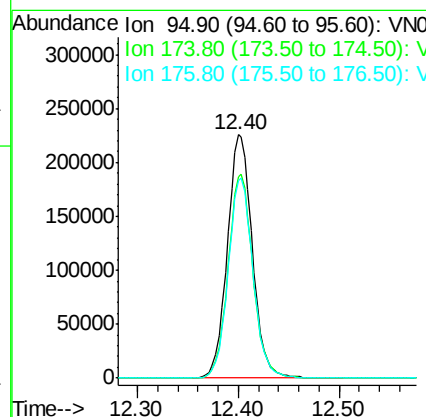
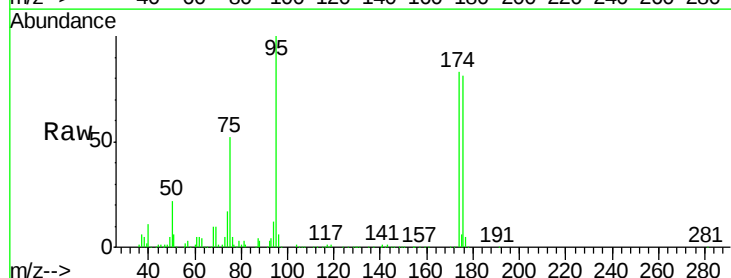
Tgt Ion: 95 Resp: 390129

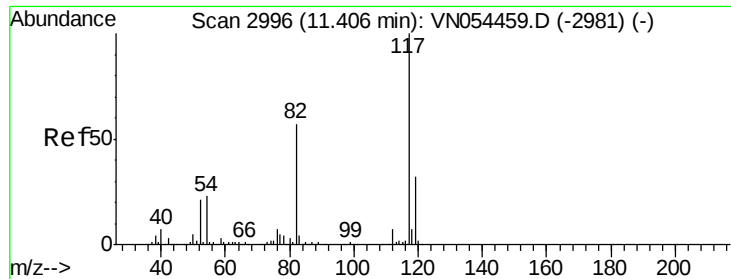
Ion Ratio Lower Upper

95 100

174 83.3 0.0 191.0

176 81.3 0.0 187.4

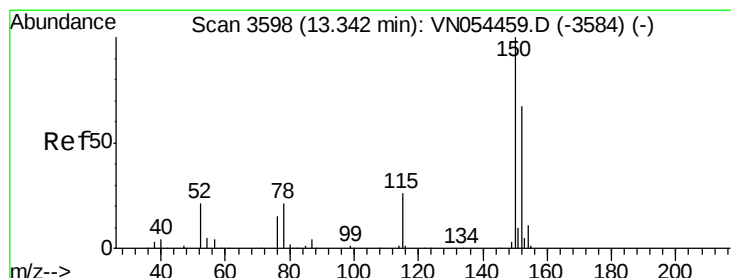
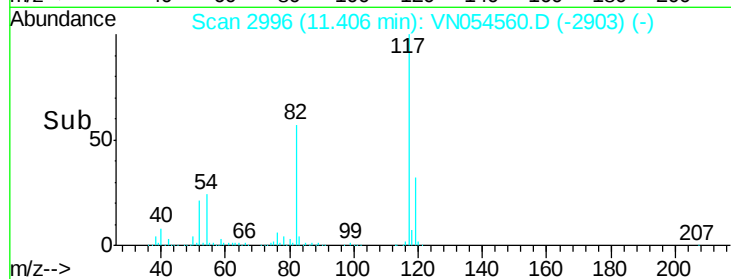
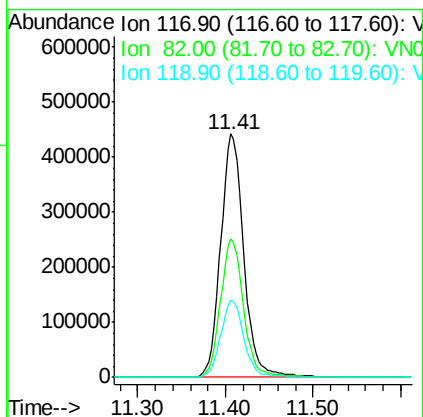
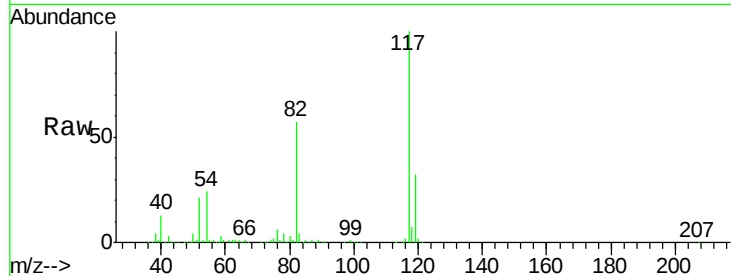




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Instrument :
MSVOA_N
ClientSampleId :
FIELDQC-190318-TB1

Tot Ion:117 Resp: 810033
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Tgt Ion:152 Resp: 292596
Ion Ratio Lower Upper
152 100
115 57.3 27.2 81.6
150 154.5 0.0 349.2

