

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054335.D
 Acq On : 16 Mar 2019 14:29
 Operator : JC/SP
 Sample : K1962-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Mar 18 05:41:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1893386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2631464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2221372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	797665	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	906349	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	7.59	113	809192	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	10.09	98	3053948	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	906700	41.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.68%	

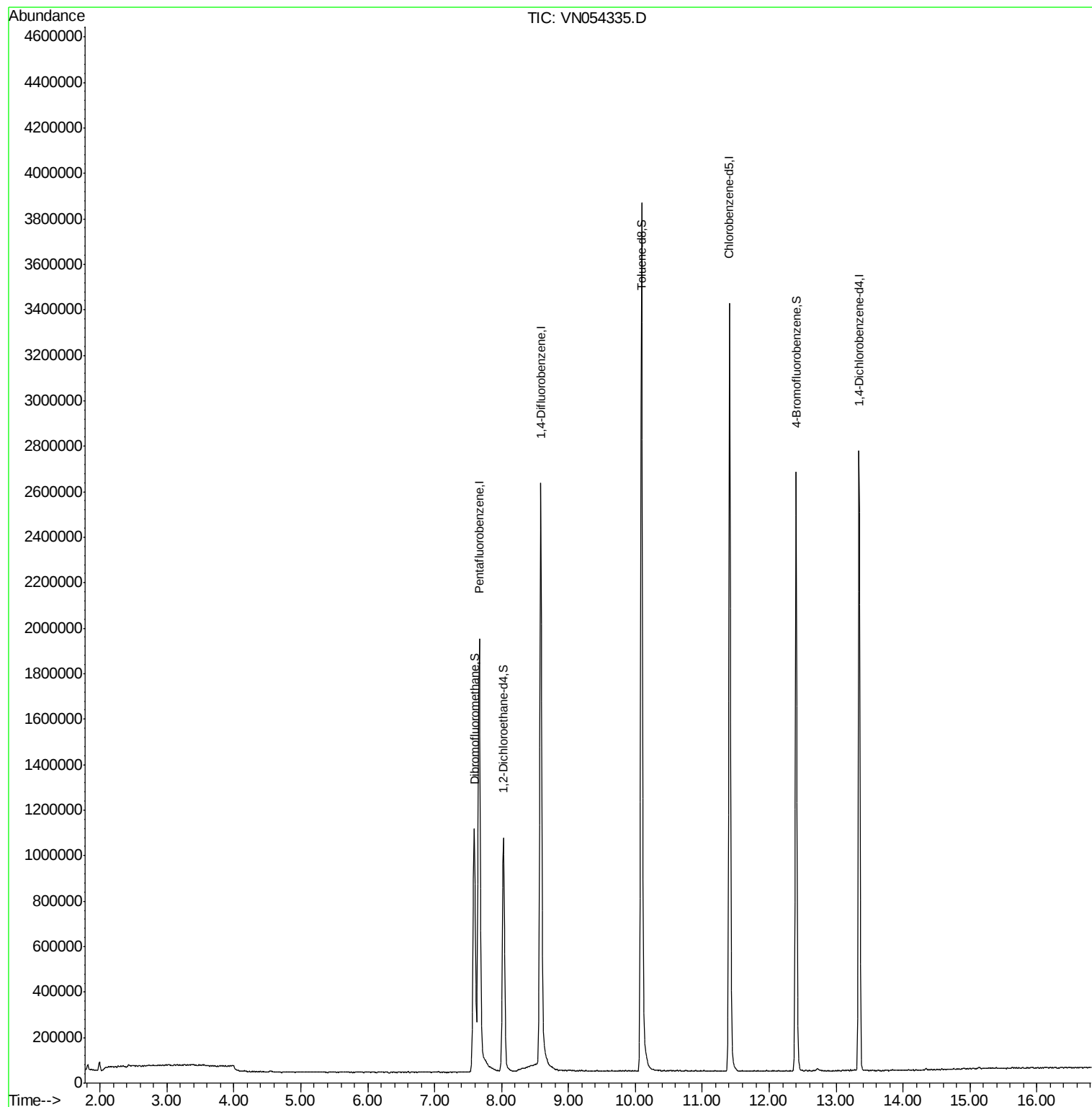
Target Compounds	Qvalue

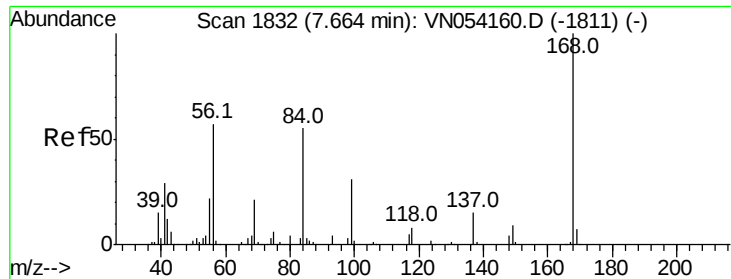
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054335.D

Acq: 16 Mar 2019 14:29

Instrument :

MSVOA_N

ClientSampleId :

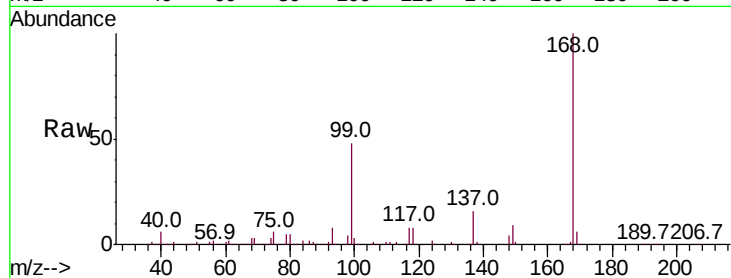
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 1893386

Ion Ratio Lower Upper

168 100

99 47.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

800000

600000

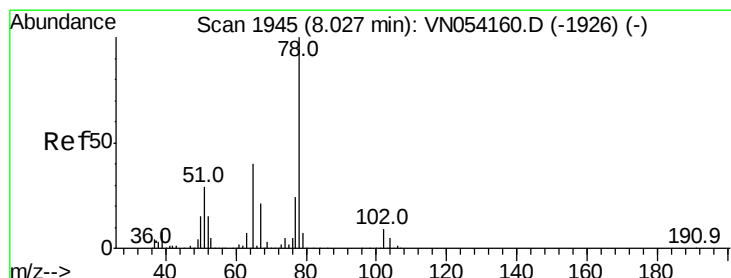
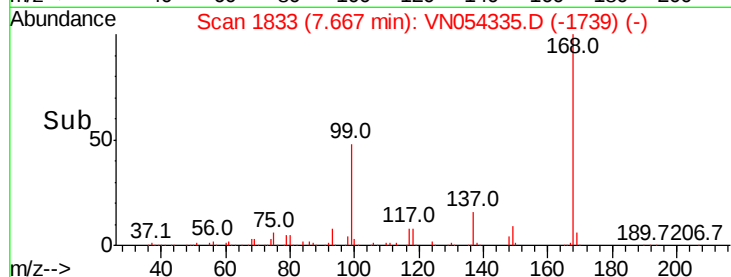
400000

200000

0

7.60 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.074 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054335.D

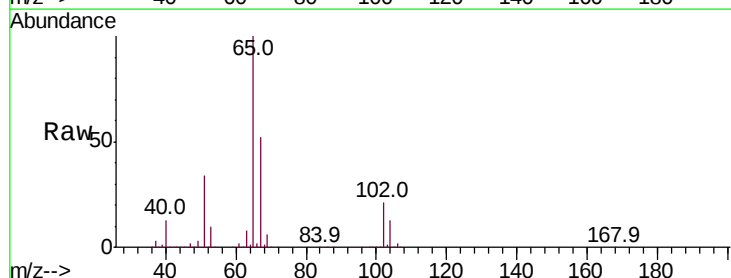
Acq: 16 Mar 2019 14:29

Tgt Ion: 65 Resp: 906349

Ion Ratio Lower Upper

65 100

67 52.0 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

400000

300000

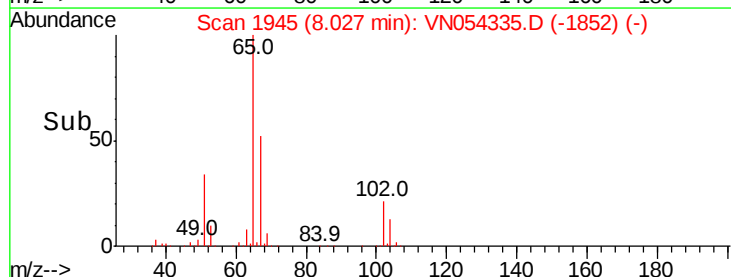
200000

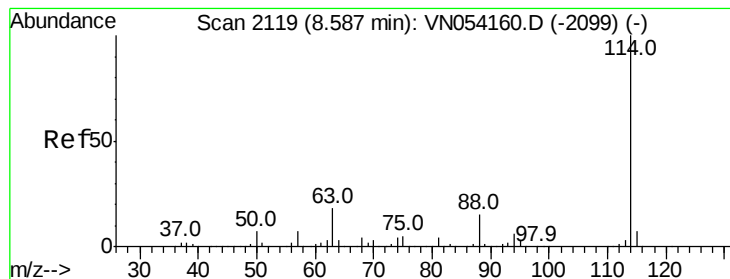
100000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054335.D

Acq: 16 Mar 2019 14:29

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

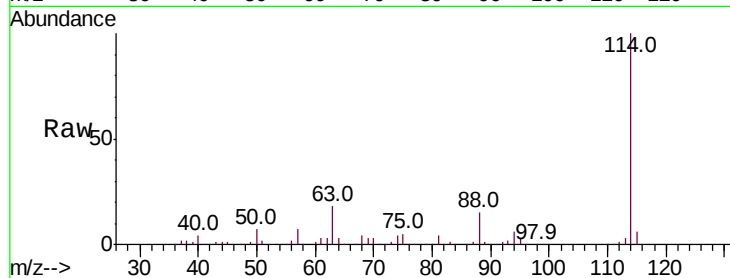
Tot Ion:114 Resp: 2631464

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

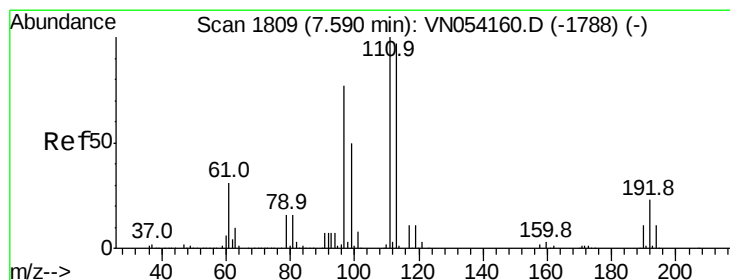
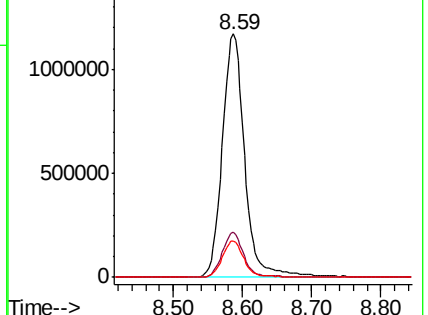
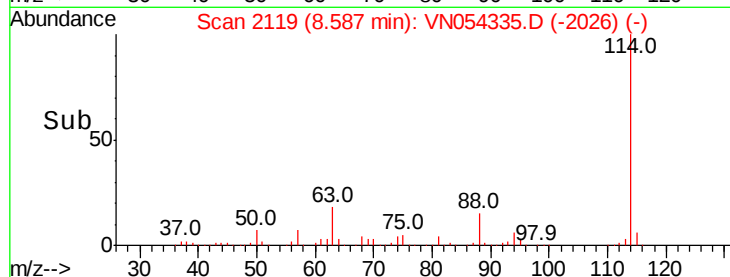
88 15.0 0.0 30.2



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: 47.678 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054335.D

Acq: 16 Mar 2019 14:29

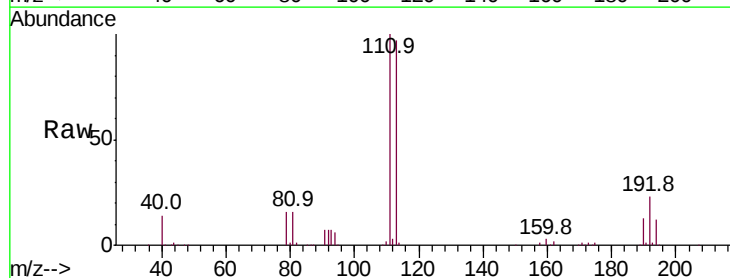
Tgt Ion:113 Resp: 809192

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

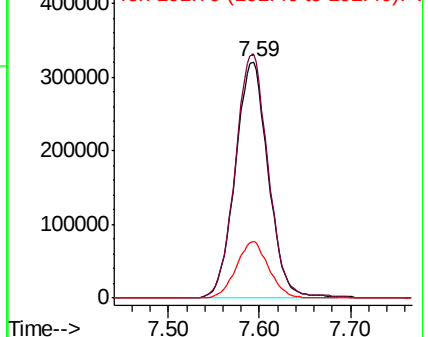
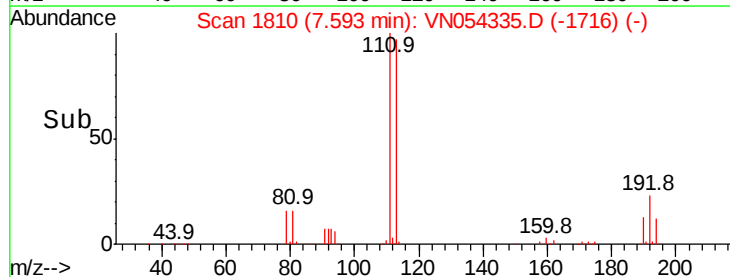
192 23.6 19.2 28.8

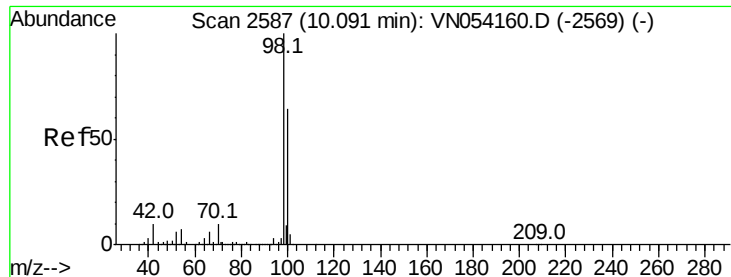


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.723 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054335.D

Acq: 16 Mar 2019 14:29

Instrument :

MSVOA_N

ClientSampleId :

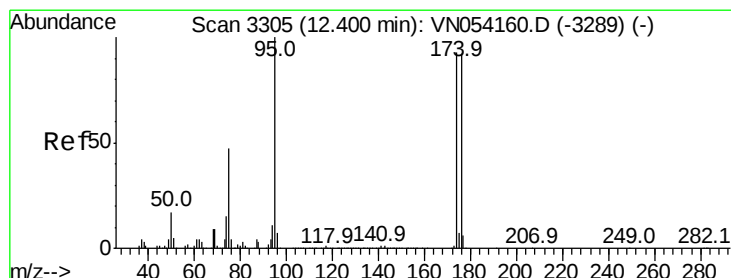
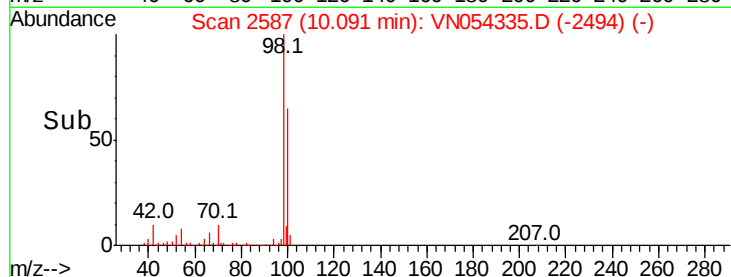
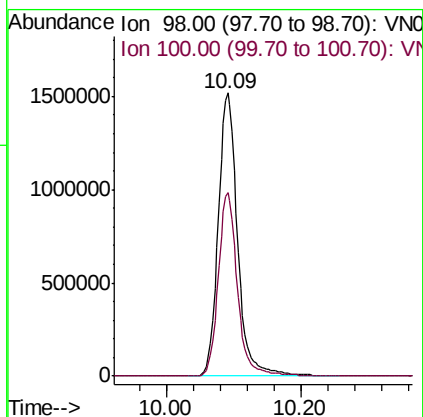
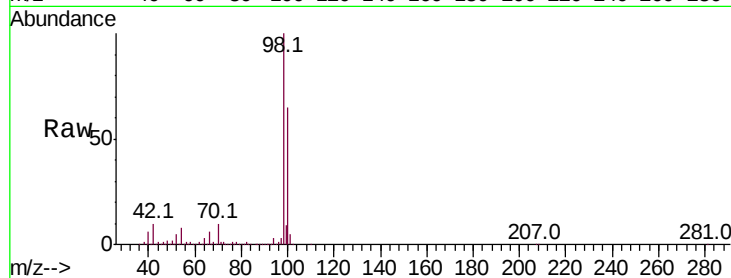
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 3053948

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.342 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054335.D

Acq: 16 Mar 2019 14:29

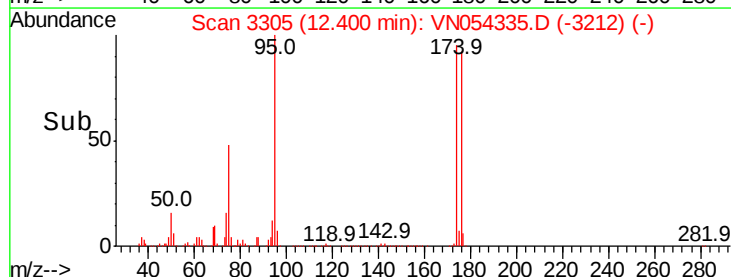
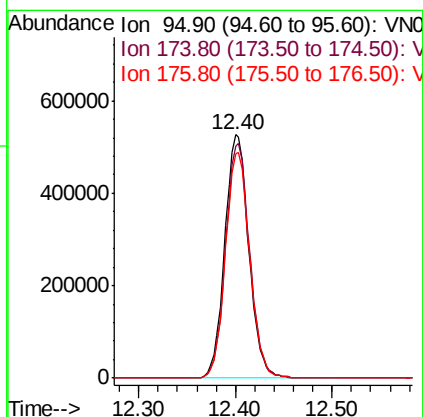
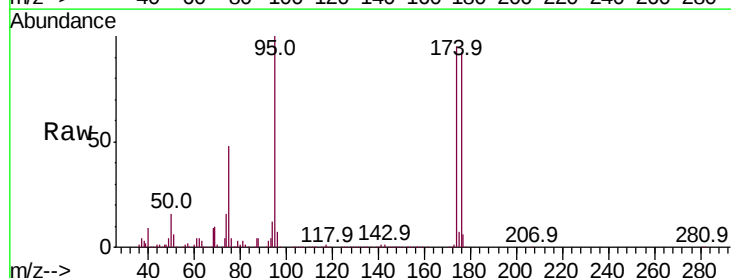
Tgt Ion: 95 Resp: 906700

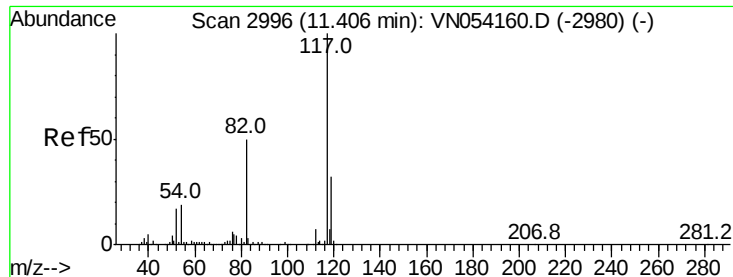
Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

176 93.5 0.0 187.4

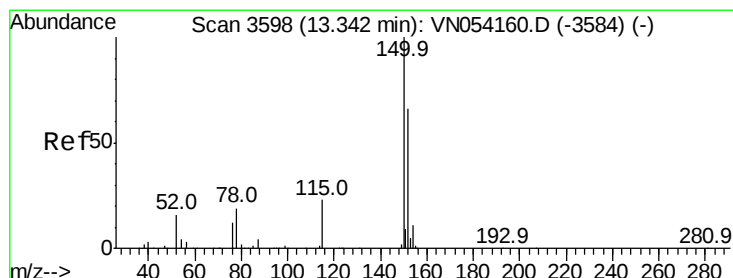
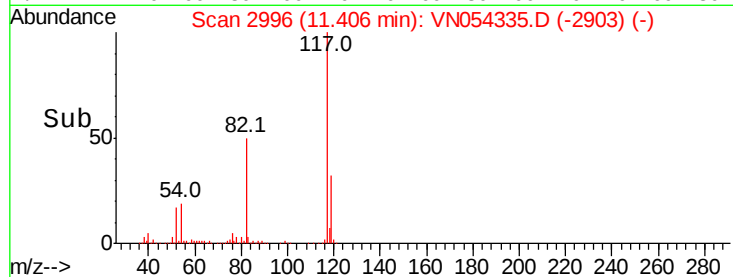
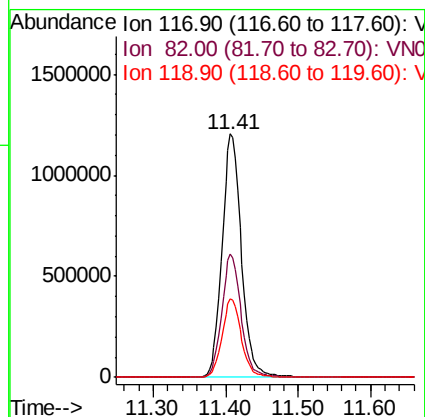
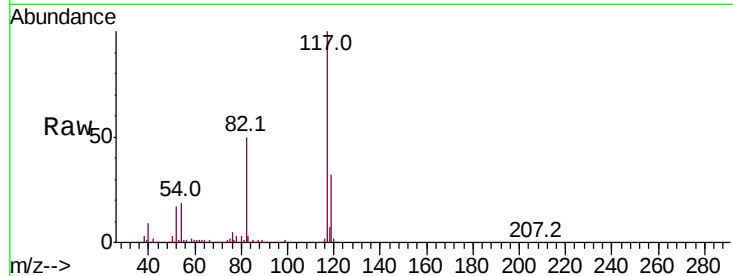




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054335.D
Acq: 16 Mar 2019 14:29

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 2221372
Ion Ratio Lower Upper
117 100
82 50.4 40.0 60.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054335.D
Acq: 16 Mar 2019 14:29

Tgt Ion:152 Resp: 797665
Ion Ratio Lower Upper
152 100
115 54.4 27.2 81.6
150 157.4 0.0 349.2

