

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055924.D
 Acq On : 31 May 2019 17:14
 Operator : JC/SP
 Sample : K3136-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FEQC-TB-053119

Quant Time: Jun 01 03:14:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	345077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	519652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154304	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	191880	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
35) Dibromofluoromethane	7.59	113	164700	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.09	98	672140	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.40	95	209679	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	

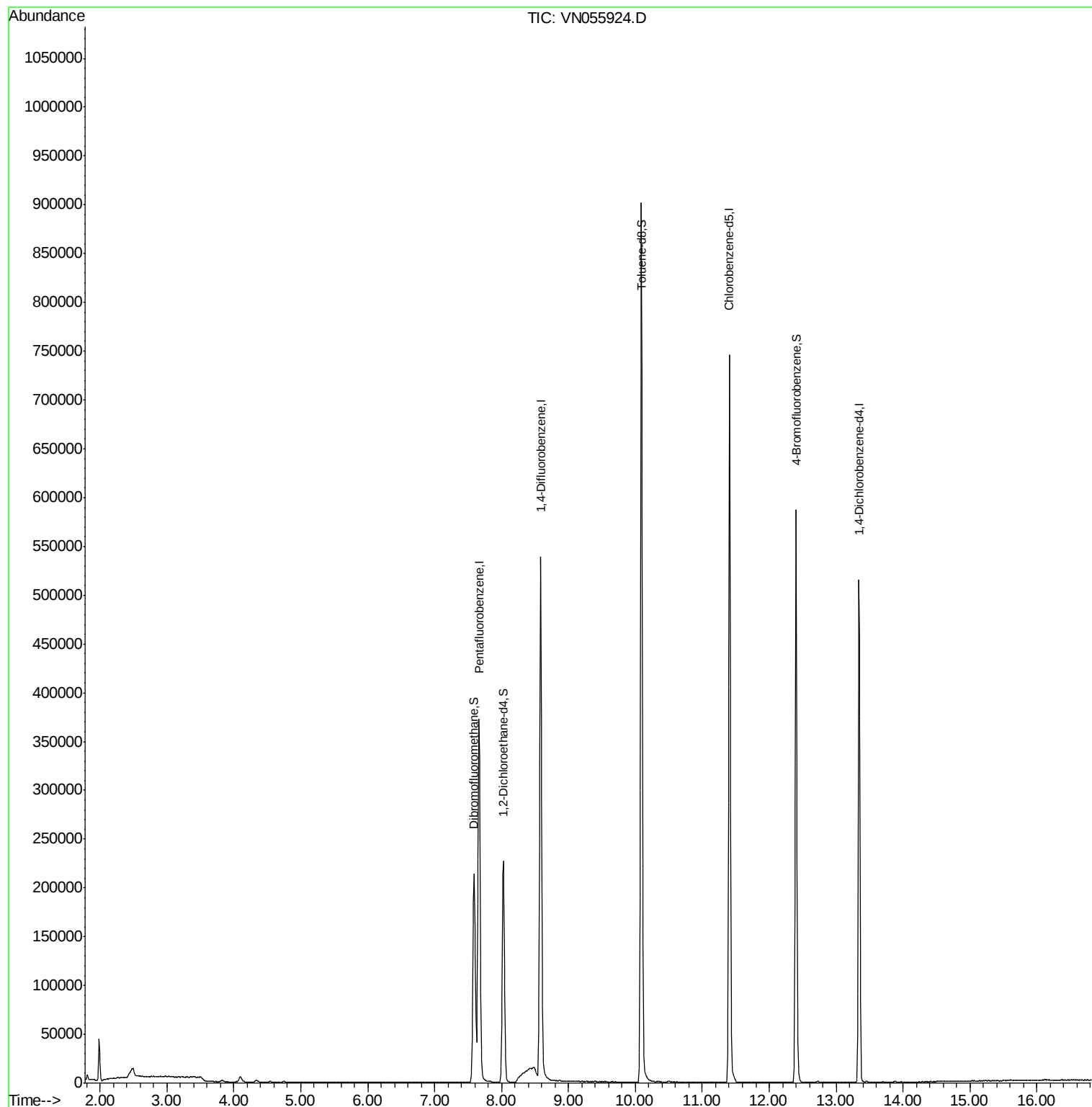
Target Compounds	Qvalue
------------------	--------

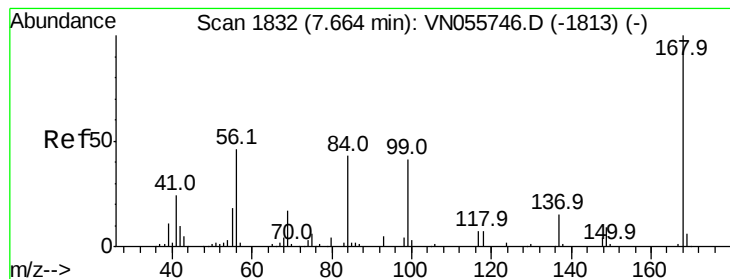
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053119\
Data File : VN055924.D
Acq On : 31 May 2019 17:14
Operator : JC/SP
Sample : K3136-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FEQC-TB-053119

Quant Time: Jun 01 03:14:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055924.D

Acq: 31 May 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

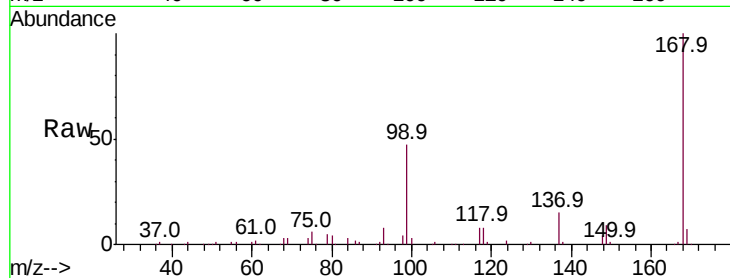
FEQC-TB-053119

Tot Ion:168 Resp: 345077

Ion Ratio Lower Upper

168 100

99 47.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

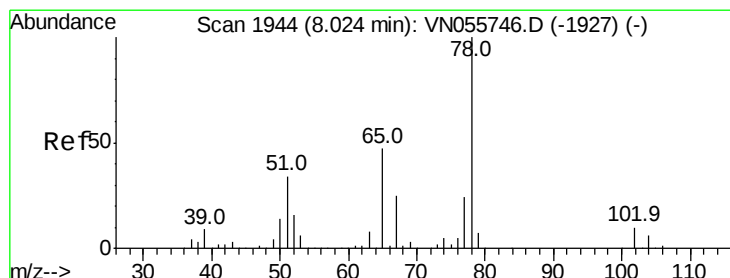
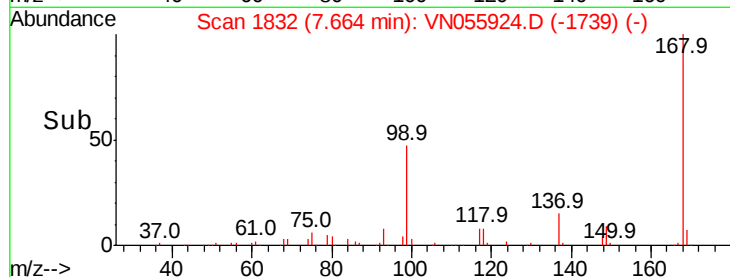
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 53.843 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055924.D

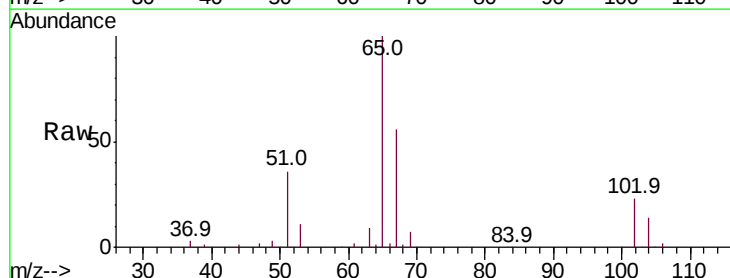
Acq: 31 May 2019 17:14

Tgt Ion: 65 Resp: 191880

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

80000

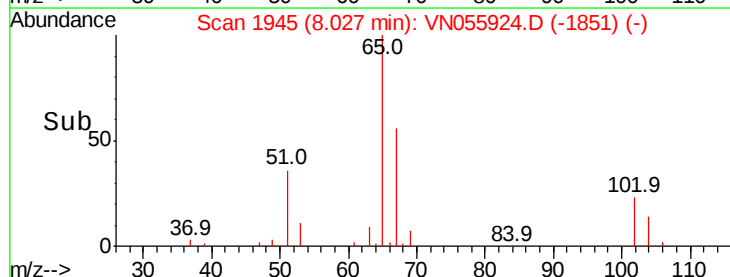
60000

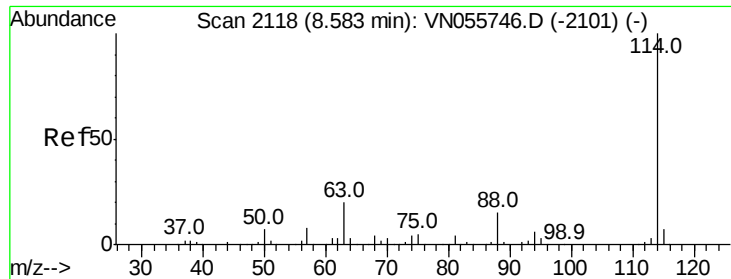
40000

20000

0

Time--> 7.90 8.00 8.10 8.20

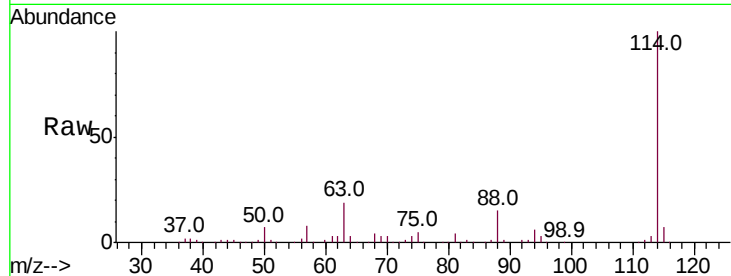




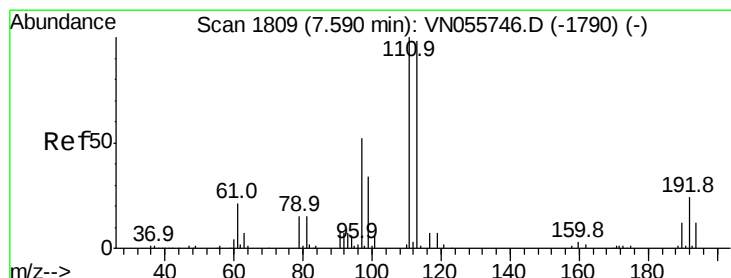
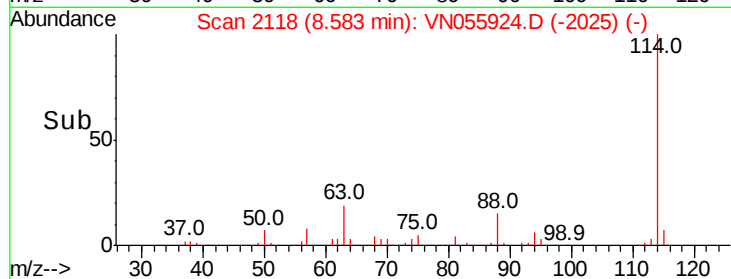
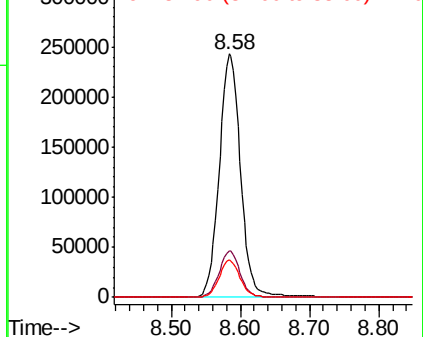
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055924.D
 Acq: 31 May 2019 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 FEQC-TB-053119

Tot Ion:114 Resp: 519652
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.4 0.0 31.0

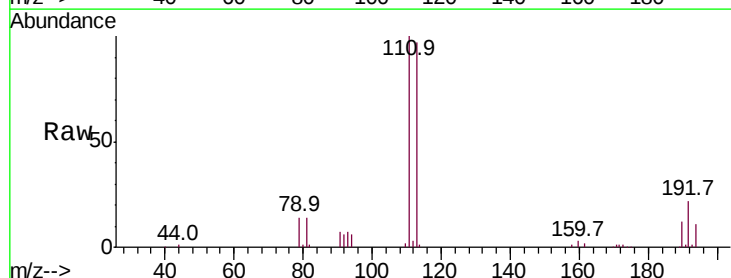


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

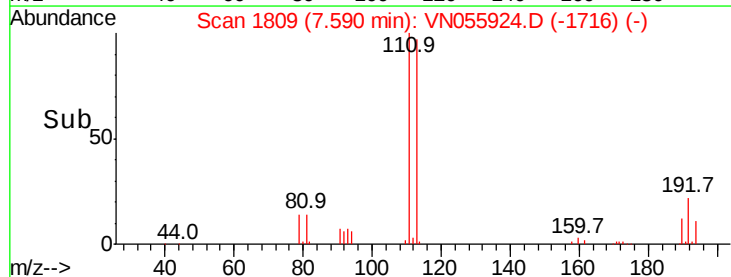
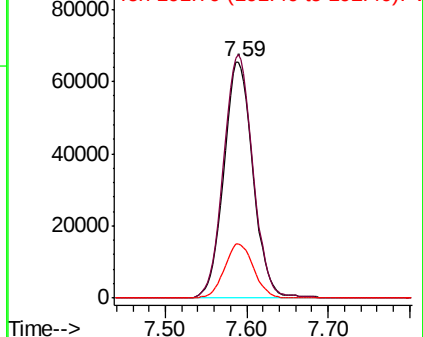


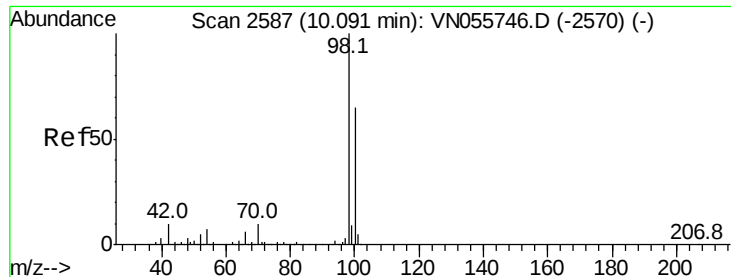
#35
 Dibromofluoromethane
 Concen: 50.131 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055924.D
 Acq: 31 May 2019 17:14

Tgt Ion:113 Resp: 164700
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.9 122.9
 192 23.0 19.5 29.3



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: 53.334 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055924.D

Acq: 31 May 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

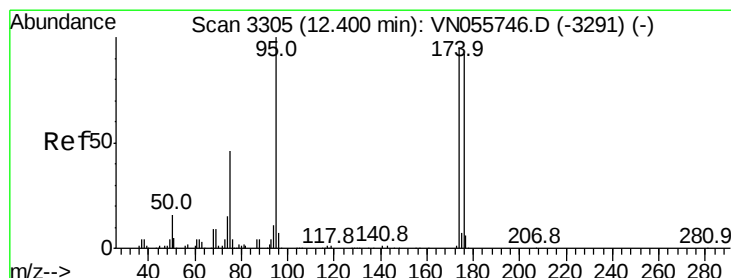
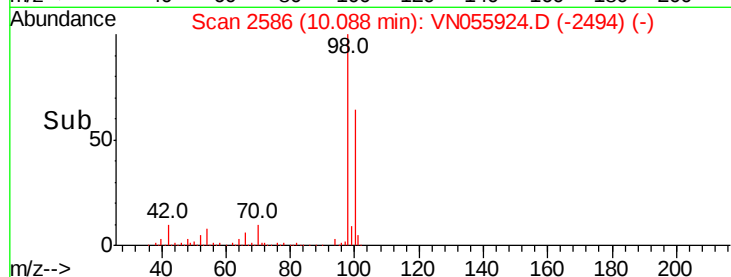
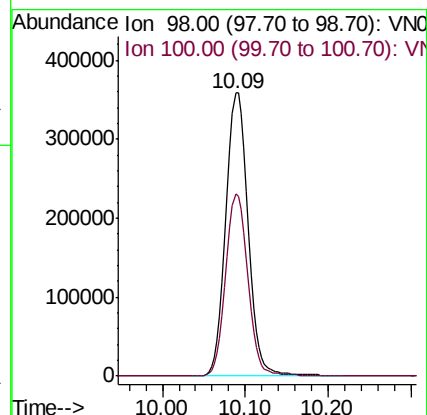
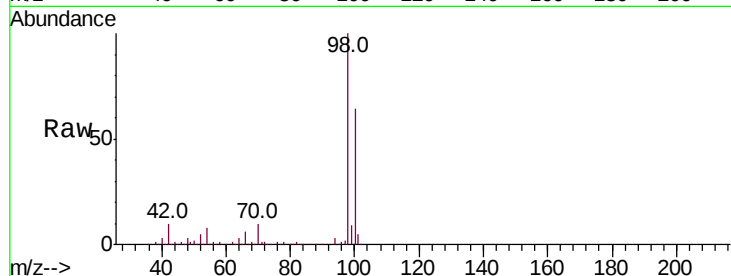
FEQC-TB-053119

Tot Ion: 98 Resp: 672140

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.523 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055924.D

Acq: 31 May 2019 17:14

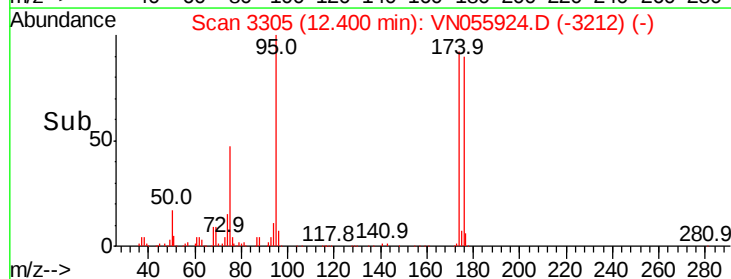
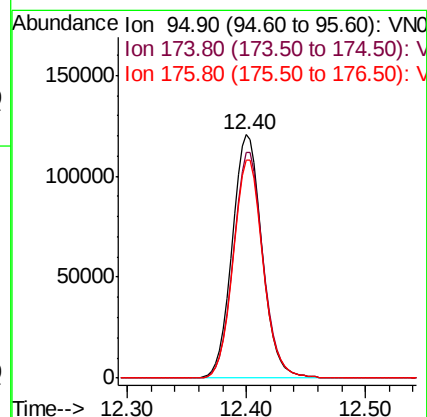
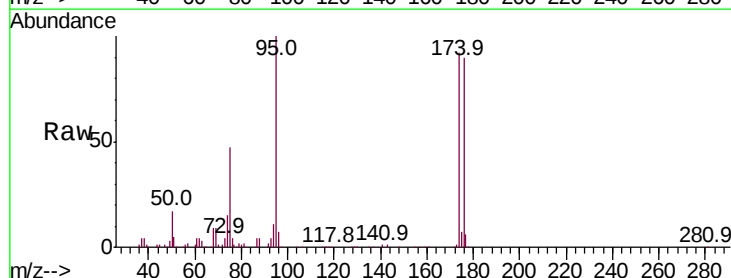
Tgt Ion: 95 Resp: 209679

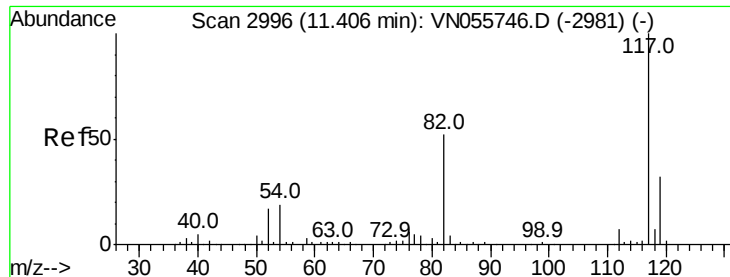
Ion Ratio Lower Upper

95 100

174 92.6 0.0 191.0

176 89.6 0.0 185.2

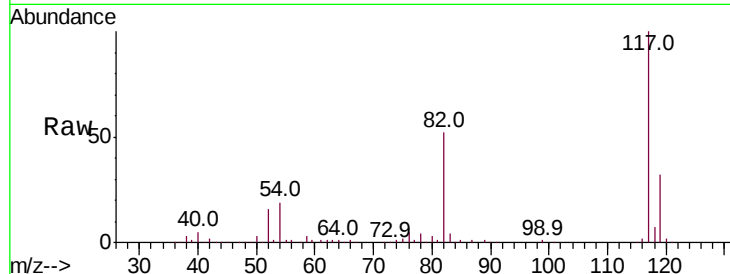




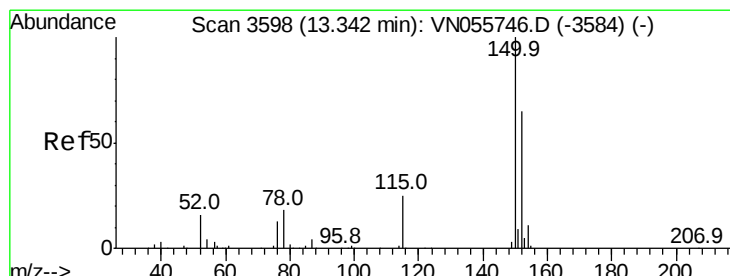
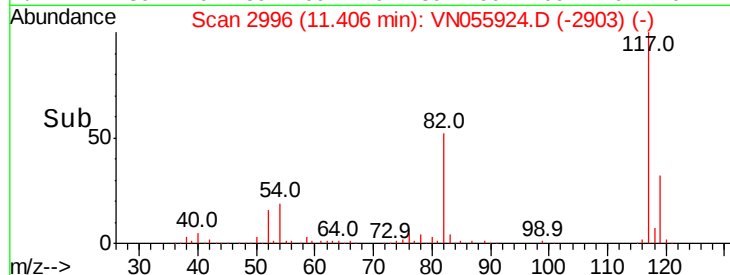
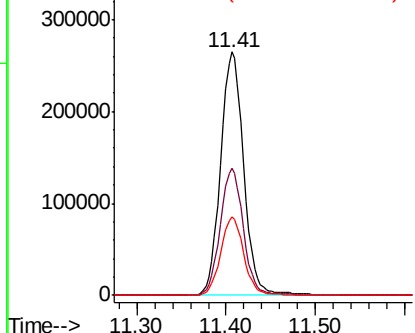
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055924.D
 Acq: 31 May 2019 17:14

Instrument :
 MSVOA_N
 ClientSampled :
 FEQC-TB-053119

Tot Ion:117 Resp: 474736
 Ion Ratio Lower Upper
 117 100
 82 52.1 41.8 62.8
 119 32.3 25.4 38.0

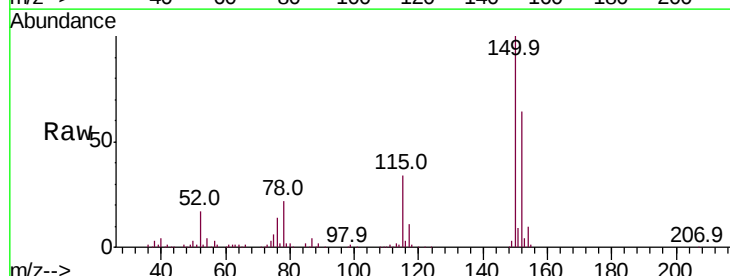


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055924.D
 Acq: 31 May 2019 17:14

Tgt Ion:152 Resp: 154304
 Ion Ratio Lower Upper
 152 100
 115 53.1 27.0 81.0
 150 157.9 0.0 343.2



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

