

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055643.D
 Acq On : 18 May 2019 5:20
 Operator : JC/SP
 Sample : K2903-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16A_R2

Quant Time: May 18 06:17:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

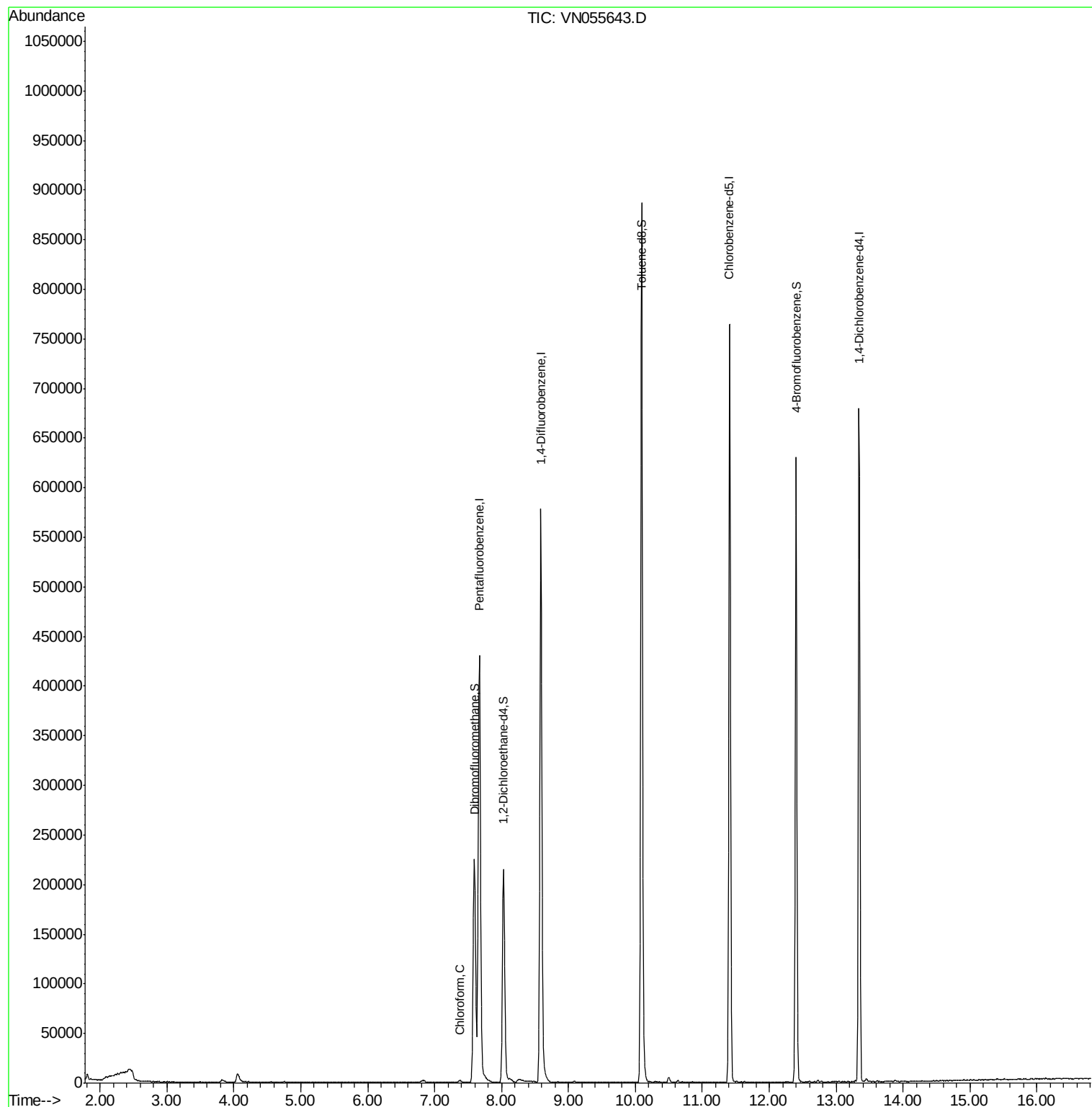
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	416502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	585071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192870	42.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.48%	
35) Dibromofluoromethane	7.59	113	180106	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	671910	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.40	95	219736	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
30) Chloroform	7.38	83	2688	0.367	ug/l	Qvalue 96

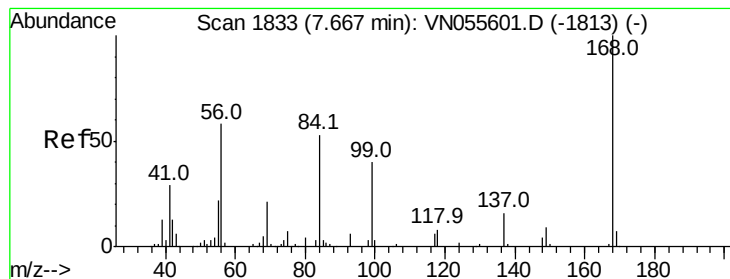
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055643.D

Acq: 18 May 2019 5:20

Instrument :

MSVOA_N

ClientSampleId :

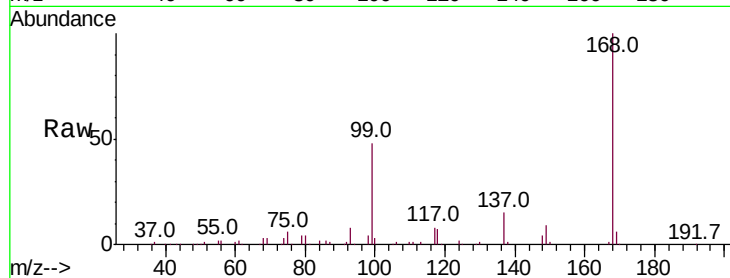
MW-16A_R2

Tot Ion:168 Resp: 416502

Ion Ratio Lower Upper

168 100

99 48.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055643.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055643.D (-1740) (-)

7.67

150000

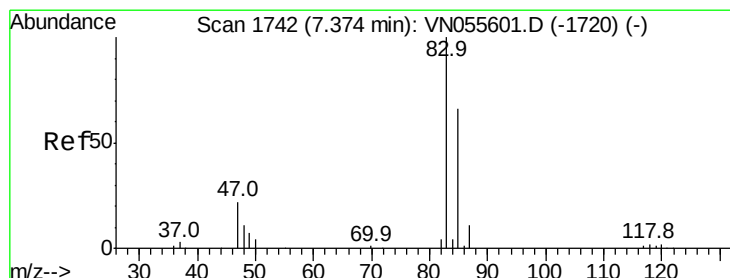
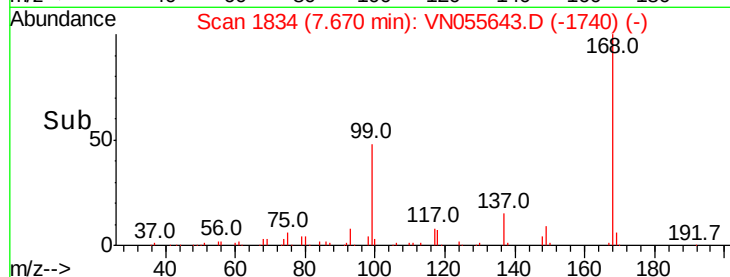
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#30

Chloroform

Concen: 0.367 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN055643.D

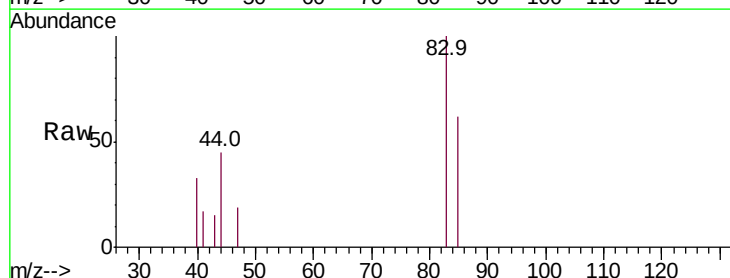
Acq: 18 May 2019 5:20

Tgt Ion: 83 Resp: 2688

Ion Ratio Lower Upper

83 100

85 62.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN055643.D (-1649) (-)

Ion 84.90 (84.60 to 85.60): VN055643.D (-1649) (-)

7.38

1200

1000

800

600

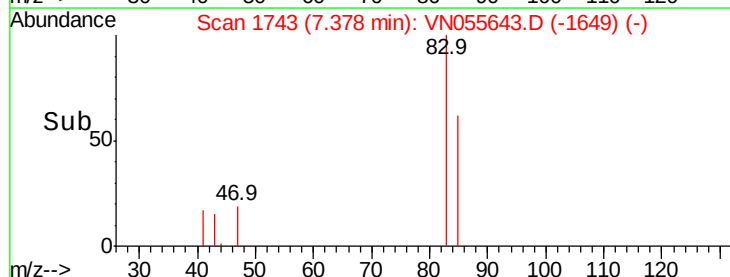
400

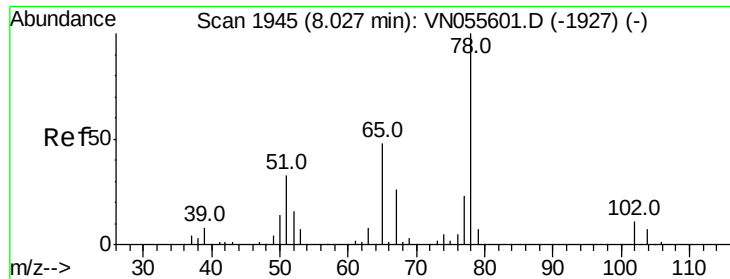
200

0

7.30 7.35 7.40

Time-->

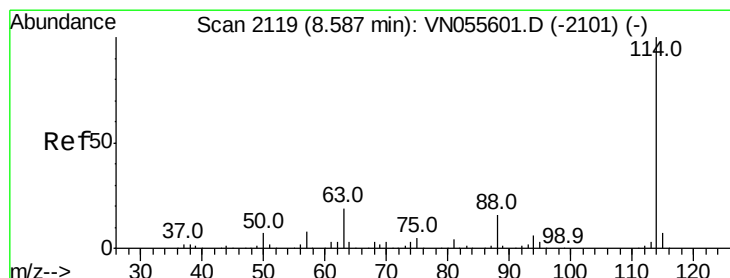
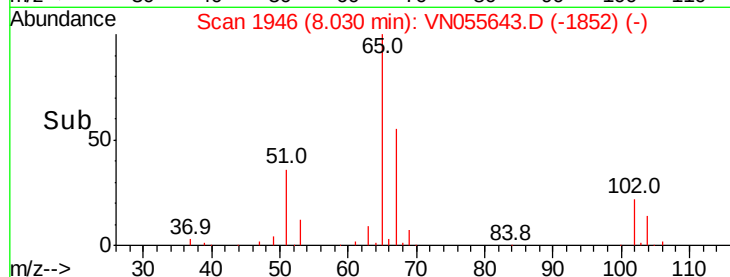
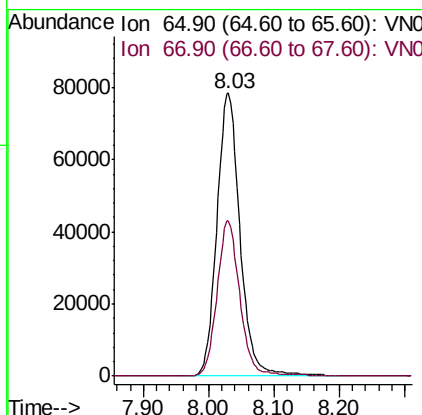
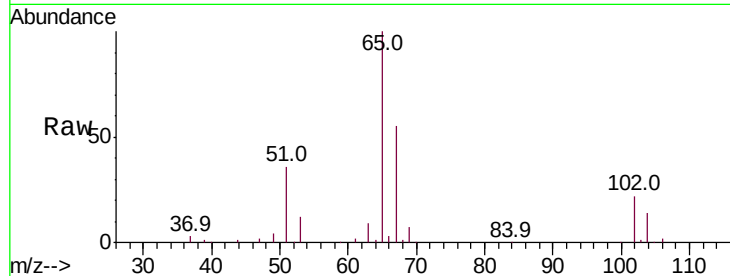




#33
 1,2-Dichloroethane-d4
 Concen: 42.243 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055643.D
 Acq: 18 May 2019 5:20

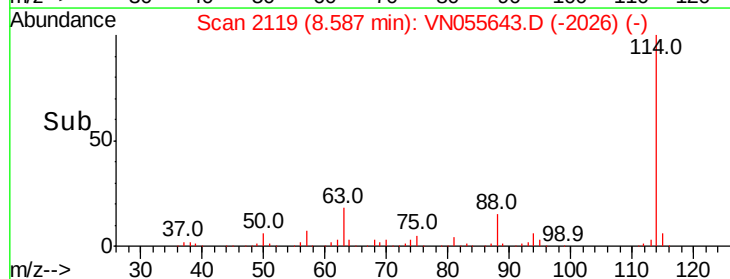
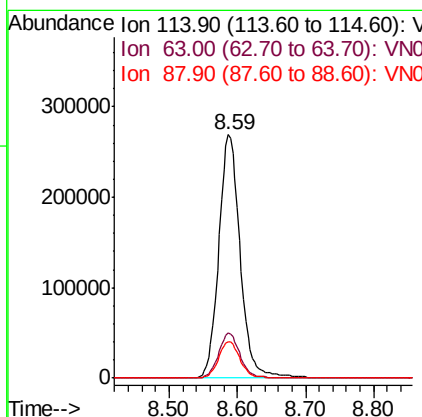
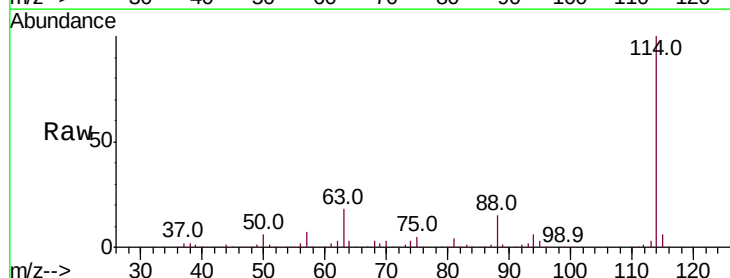
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16A_R2

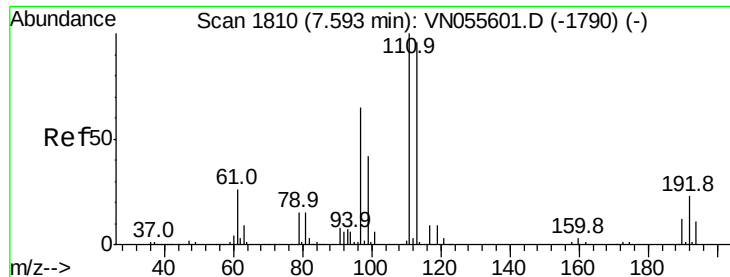
Tot Ion: 65 Resp: 192870
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055643.D
 Acq: 18 May 2019 5:20

Tgt Ion: 114 Resp: 585071
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.2
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.459 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055643.D

Acq: 18 May 2019 5:20

Instrument :

MSVOA_N

ClientSampleId :

MW-16A_R2

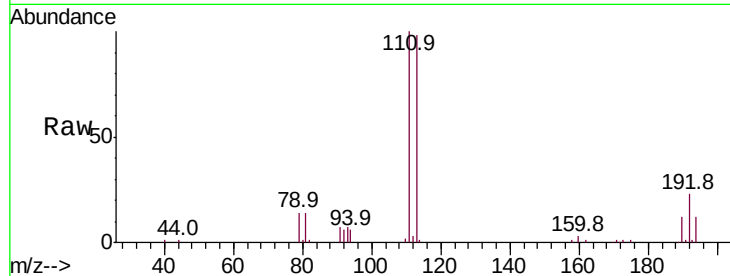
Tot Ion:113 Resp: 180106

Ion Ratio Lower Upper

113 100

111 101.2 82.5 123.7

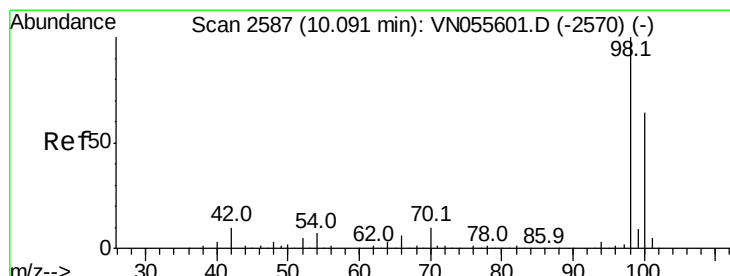
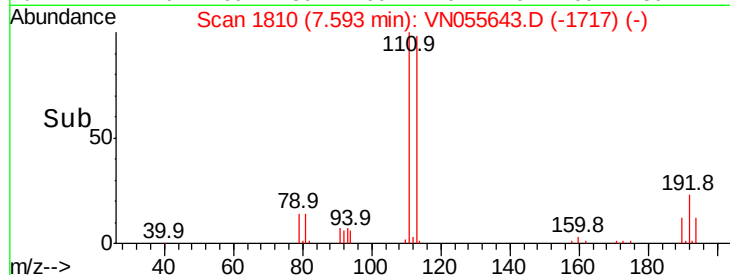
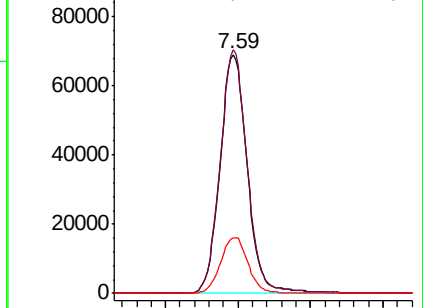
192 23.7 18.7 28.1



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: 47.812 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055643.D

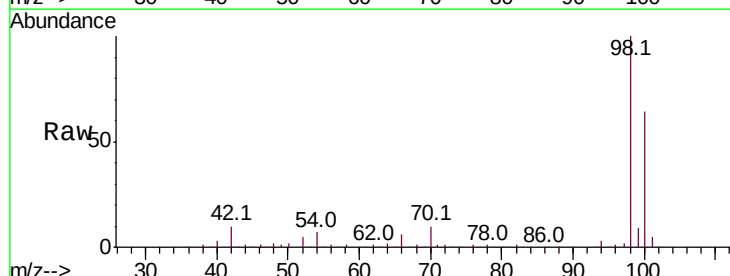
Acq: 18 May 2019 5:20

Tgt Ion: 98 Resp: 671910

Ion Ratio Lower Upper

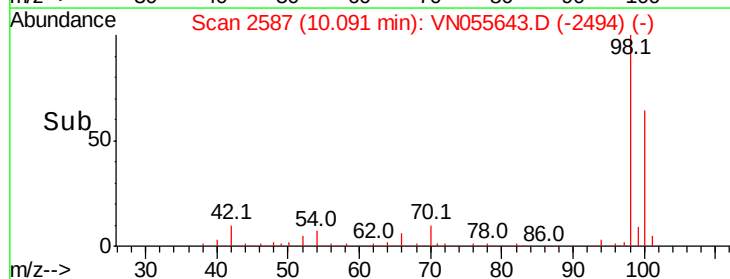
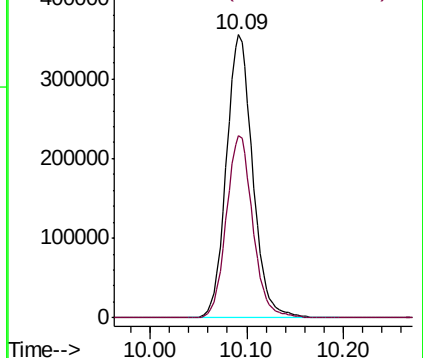
98 100

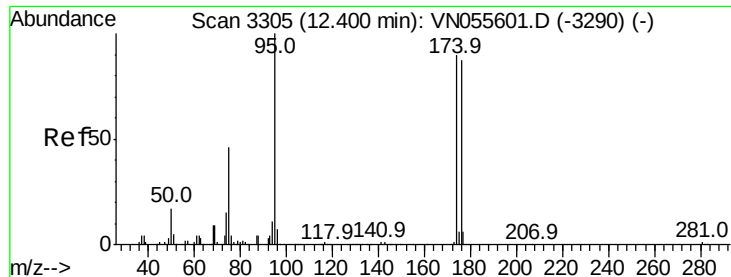
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

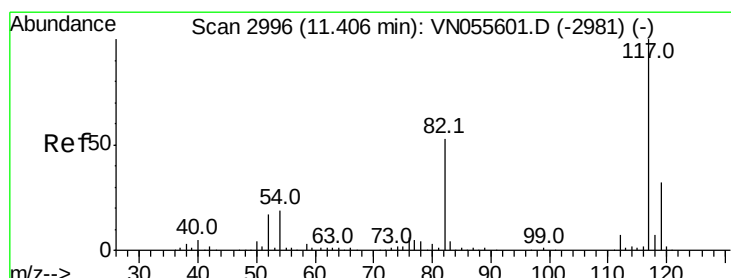
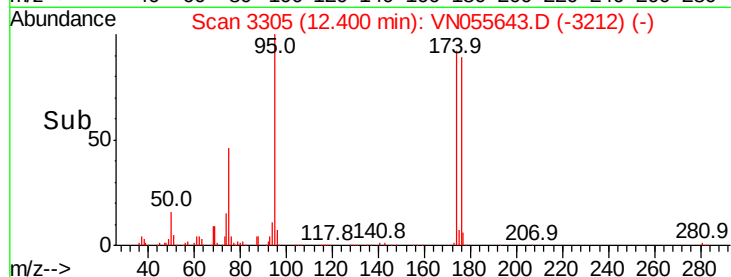
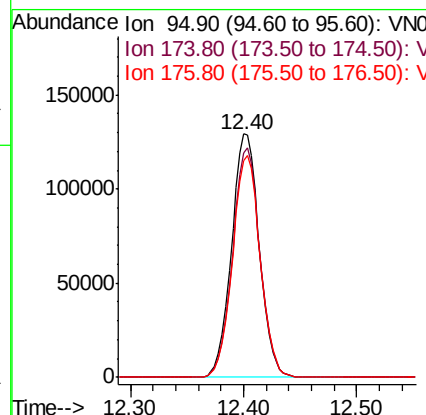
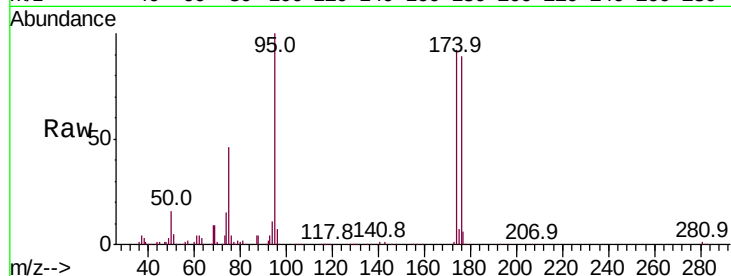




#62
4-Bromofluorobenzene
Concen: 45.281 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055643.D
Acq: 18 May 2019 5:20

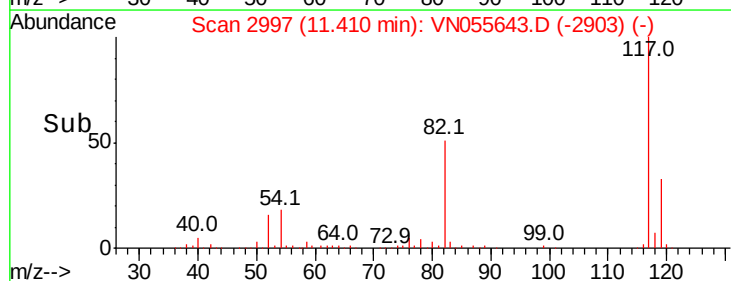
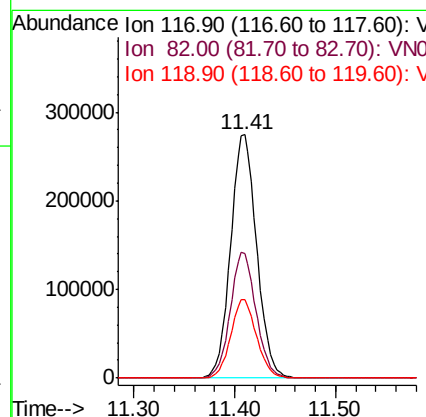
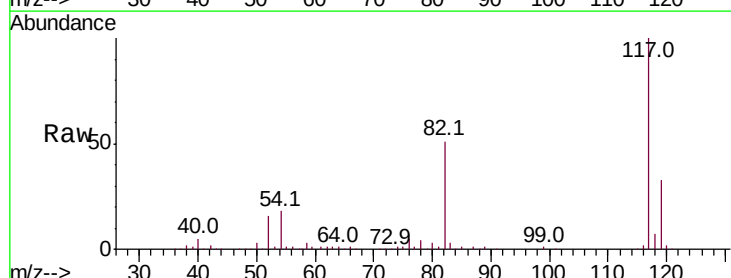
Instrument :
MSVOA_N
ClientSampleId :
MW-16A_R2

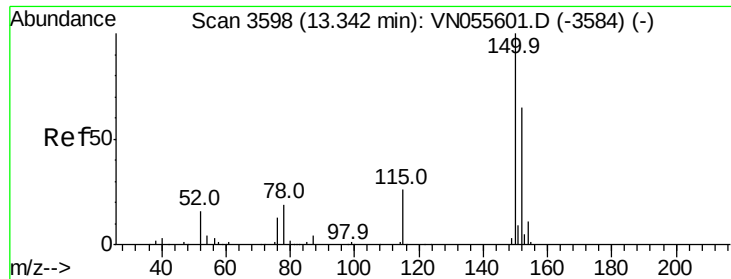
Tot Ion: 95 Resp: 219736
Ion Ratio Lower Upper
95 100
174 93.1 0.0 180.6
176 91.0 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055643.D
Acq: 18 May 2019 5:20

Tgt Ion: 117 Resp: 494078
Ion Ratio Lower Upper
117 100
82 51.3 42.3 63.5
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055643.D

Acq: 18 May 2019 5:20

Instrument :

MSVOA_N

ClientSampleId :

MW-16A_R2

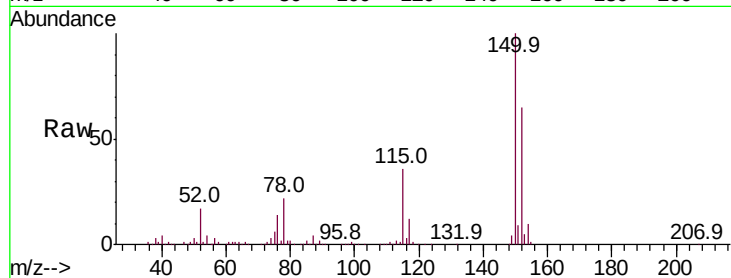
Tot Ion:152 Resp: 199702

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

150 155.9 0.0 348.0



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

