

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055647.D
 Acq On : 18 May 2019 6:54
 Operator : JC/SP
 Sample : K2896-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20

Quant Time: May 20 02:52:00 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

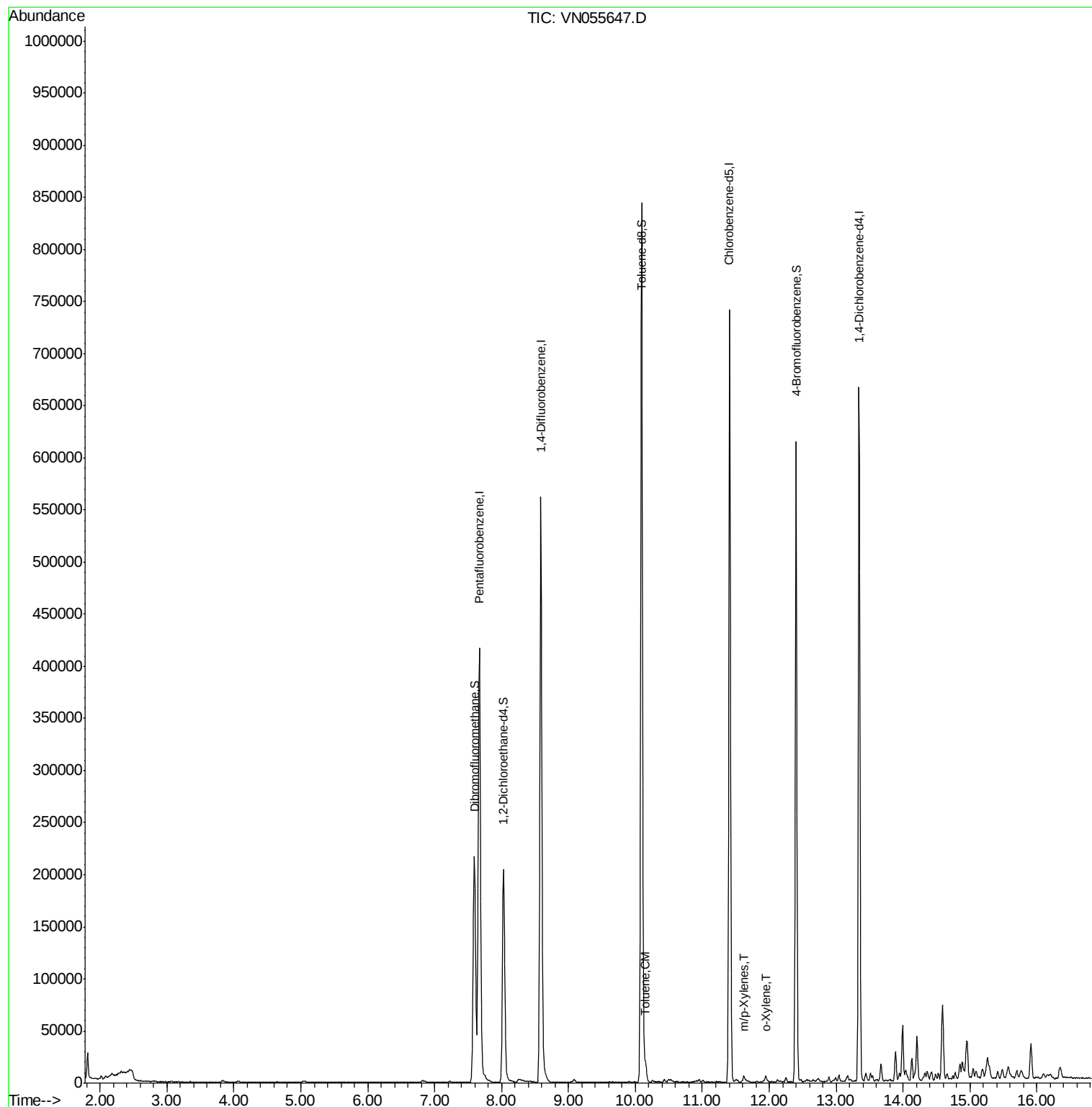
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	399098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	563556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	472492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	182636	41.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.50%	
35) Dibromofluoromethane	7.59	113	172256	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.09	98	649016	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.40	95	211881	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
52) Toluene	10.16	92	5964	0.643	ug/l	97
68) m/p-Xylenes	11.62	106	2218	0.345	ug/l	100
69) o-Xylene	11.95	106	1613	0.257	ug/l	80

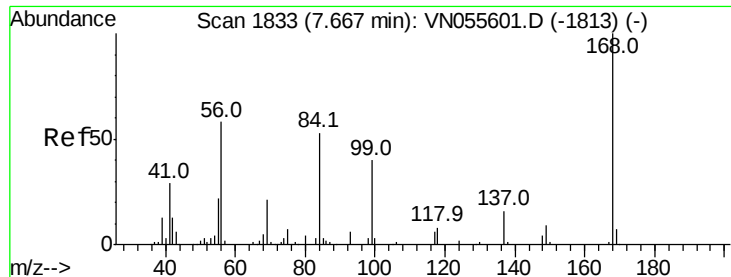
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
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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# 1833

Delta R.T. -0.00 min

Lab File: VN055647.D

Acq: 18 May 2019 6:54

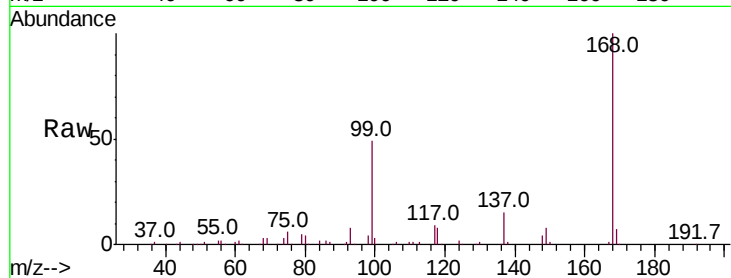
Instrument :
MSVOA_N
ClientSampled :
TP-20

Tot Ion:168 Resp: 399098

Ion Ratio Lower Upper

168 100

99 48.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

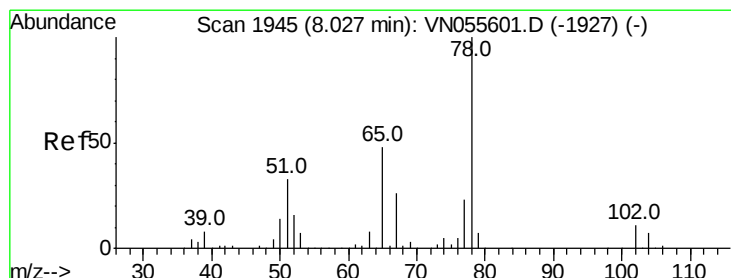
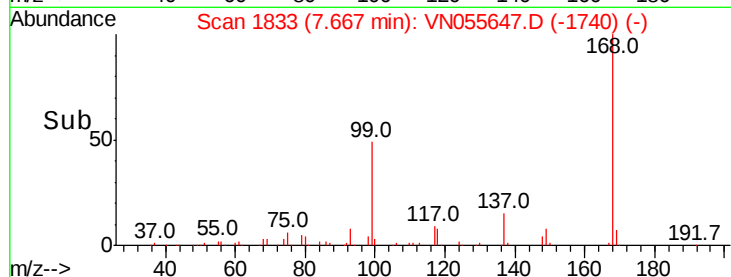
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.746 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055647.D

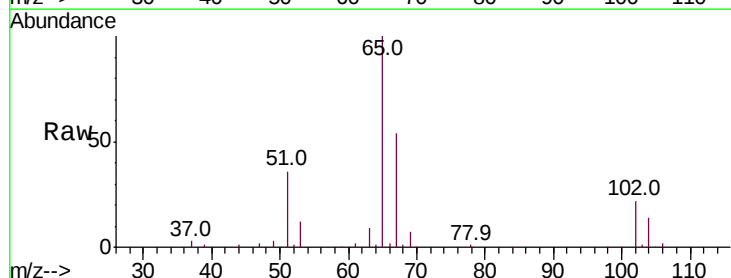
Acq: 18 May 2019 6:54

Tgt Ion: 65 Resp: 182636

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

80000

60000

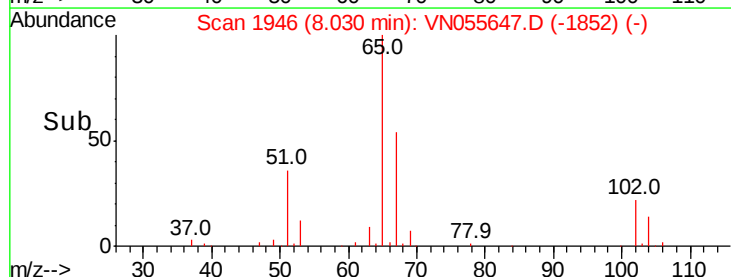
40000

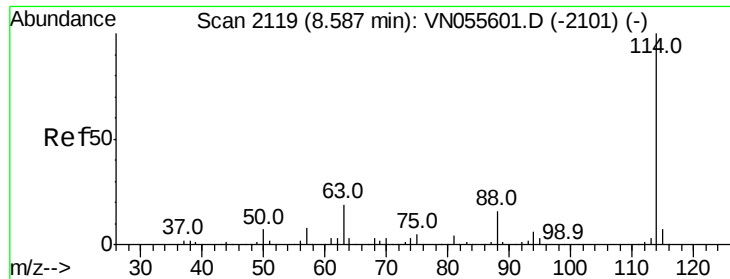
20000

0

7.90 8.00 8.10

Time-->

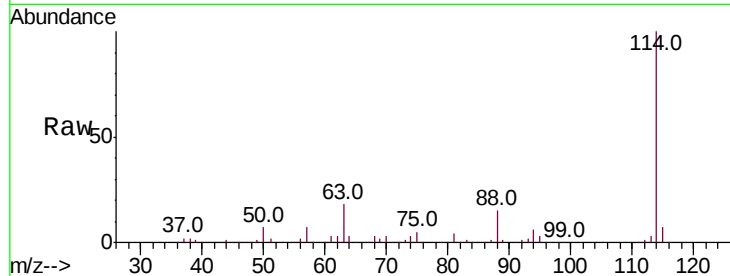




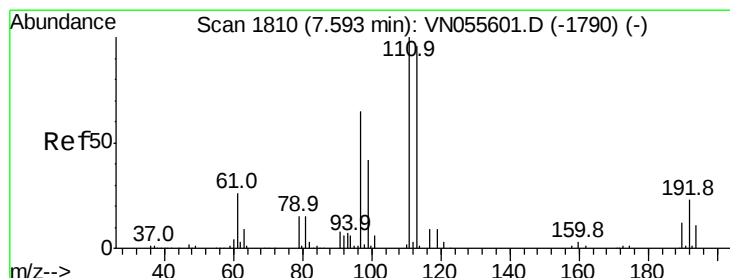
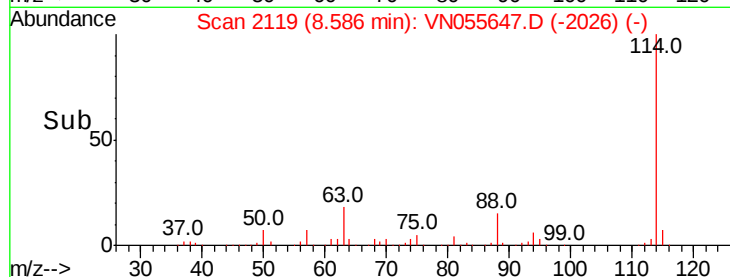
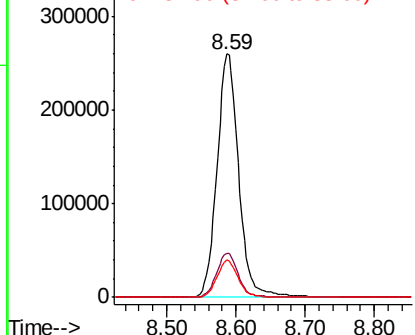
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055647.D
 Acq: 18 May 2019 6:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20

Tot Ion:	114	Resp:	563556
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.2
88	15.2	0.0	31.0

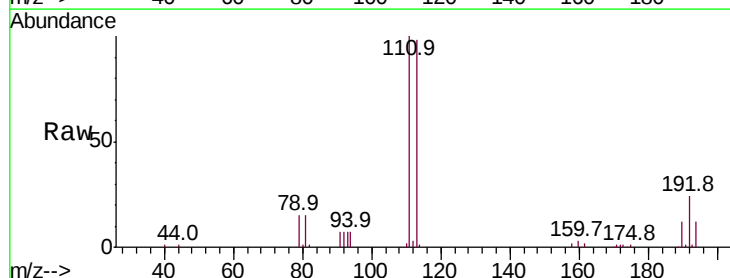


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

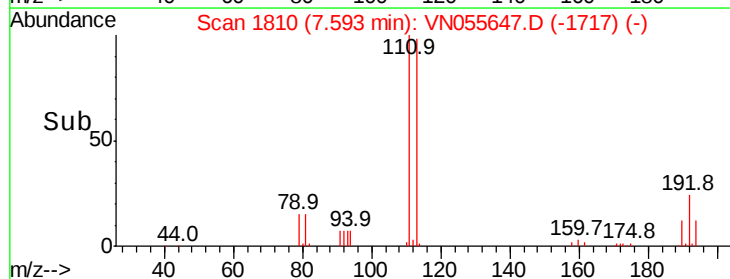
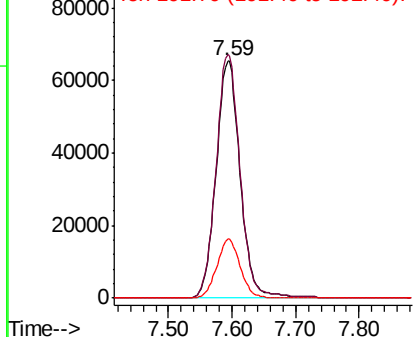


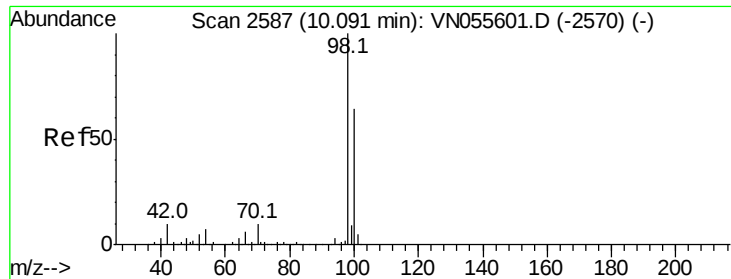
#35
 Dibromofluoromethane
 Concen: 48.117 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055647.D
 Acq: 18 May 2019 6:54

Tgt Ion:	113	Resp:	172256
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.5	123.7
192	24.1	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

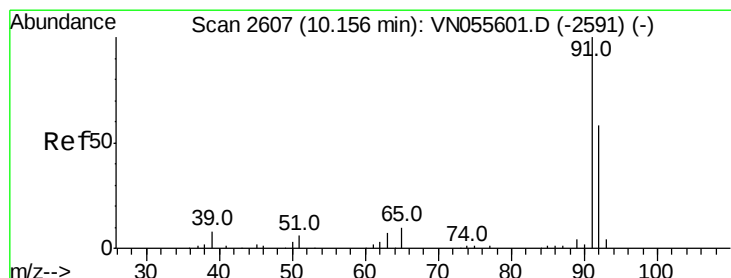
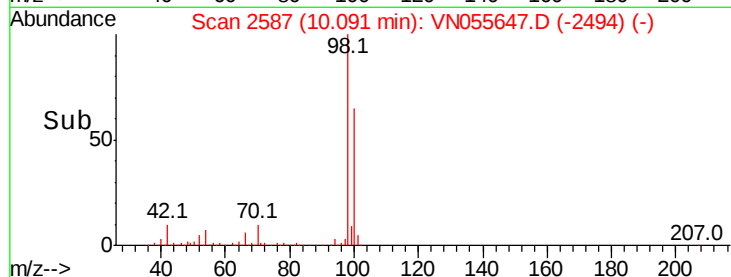
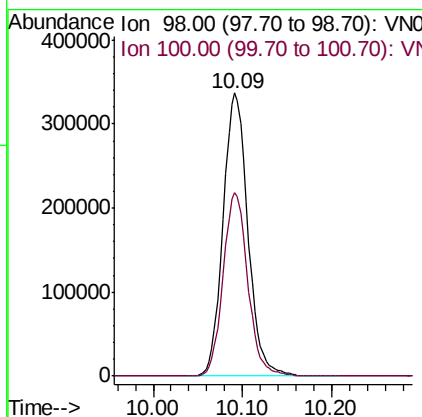
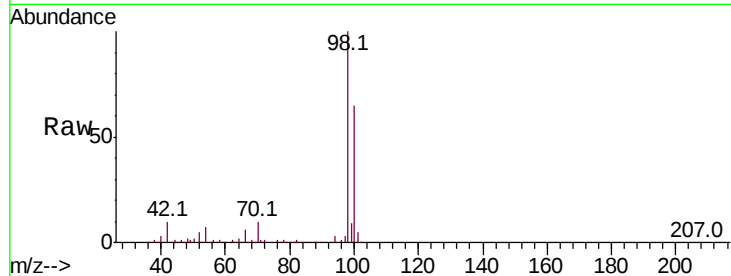




#50
Toluene-d8
Concen: 47.946 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055647.D
Acq: 18 May 2019 6:54

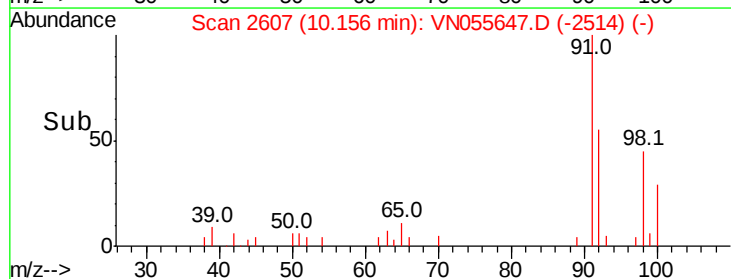
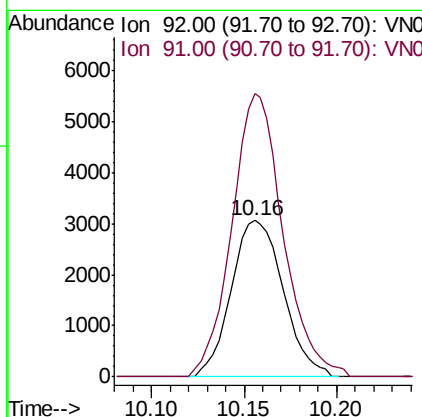
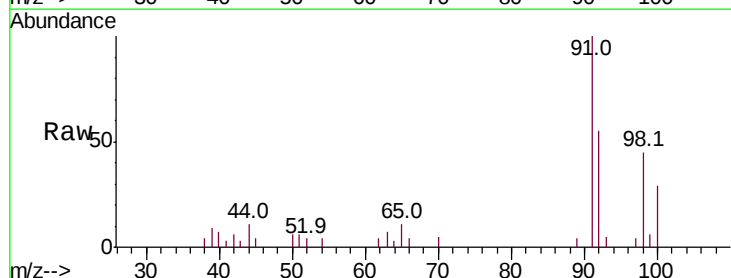
Instrument :
MSVOA_N
ClientSampled :
TP-20

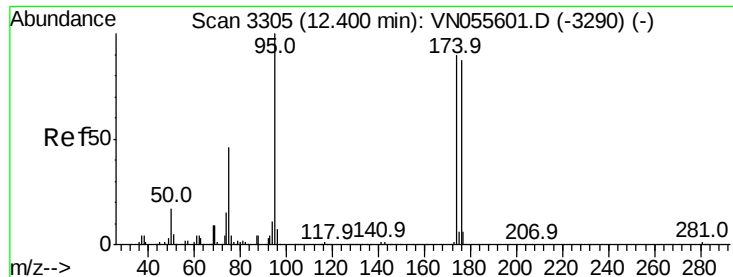
Tot Ion: 98 Resp: 649016
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#52
Toluene
Concen: 0.643 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN055647.D
Acq: 18 May 2019 6:54

Tgt Ion: 92 Resp: 5964
Ion Ratio Lower Upper
92 100
91 178.0 138.9 208.3

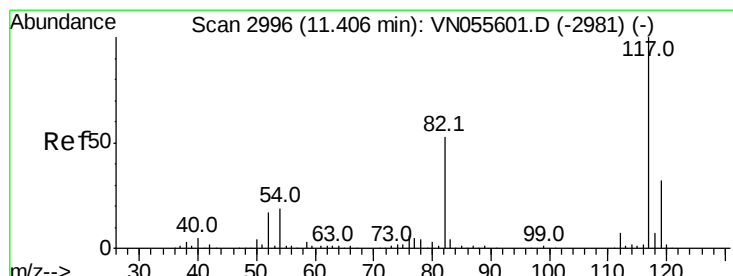
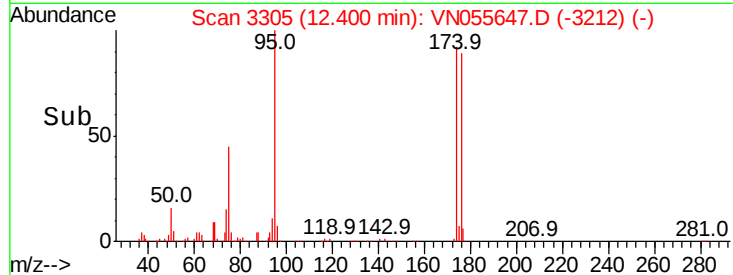
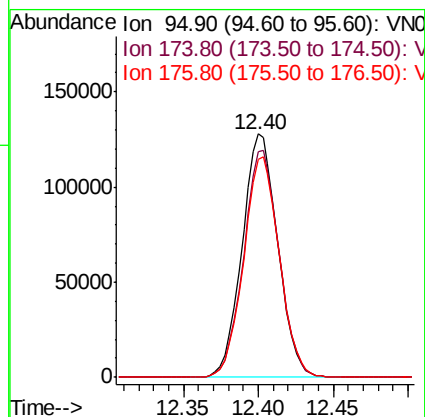
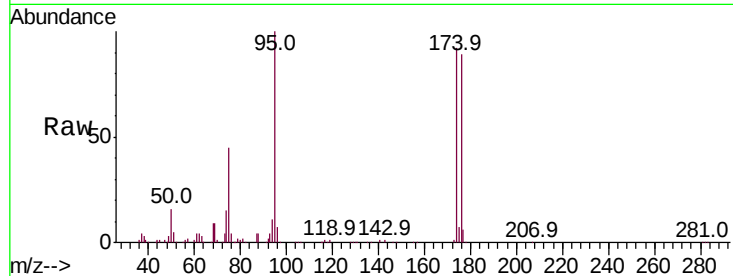




#62
4-Bromofluorobenzene
Concen: 45.329 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055647.D
Acq: 18 May 2019 6:54

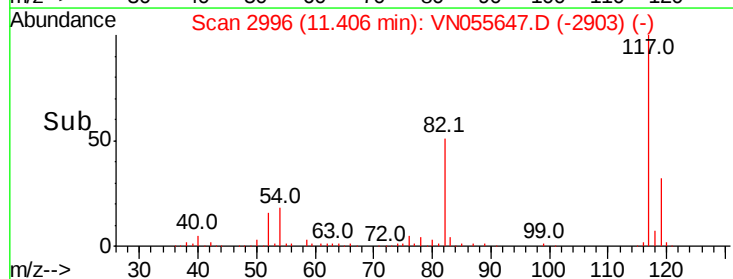
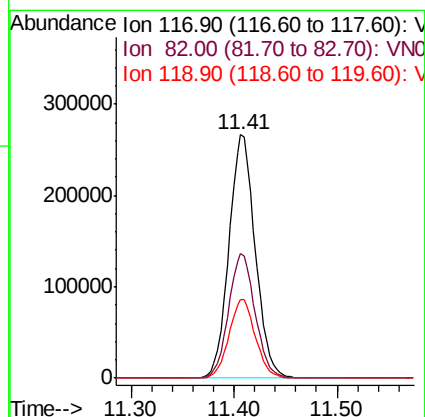
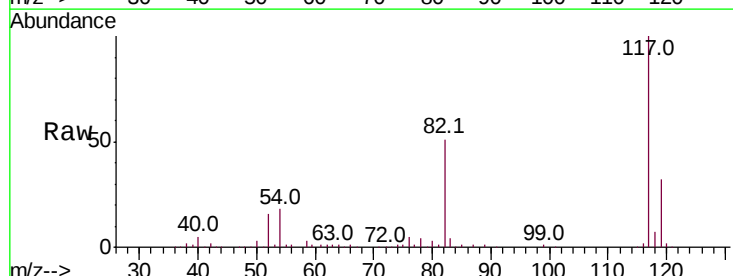
Instrument :
MSVOA_N
ClientSampleId :
TP-20

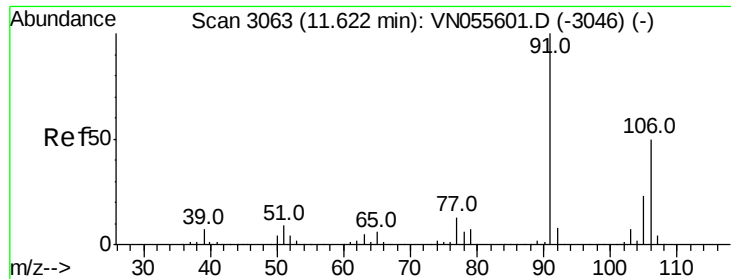
Tot Ion: 95 Resp: 211881
Ion Ratio Lower Upper
95 100
174 92.7 0.0 180.6
176 90.6 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055647.D
Acq: 18 May 2019 6:54

Tgt Ion: 117 Resp: 472492
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.4 25.4 38.2

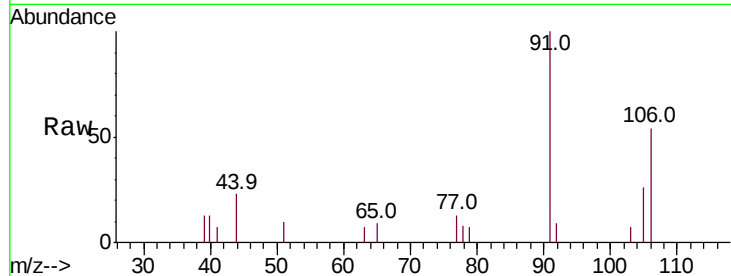




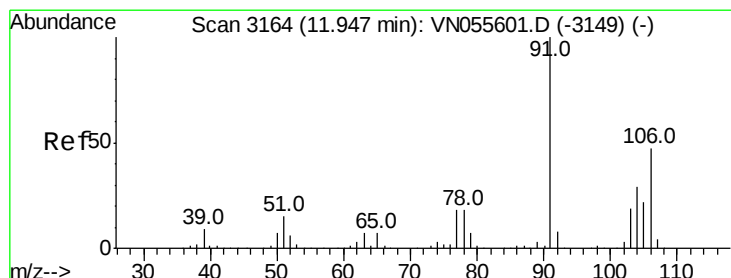
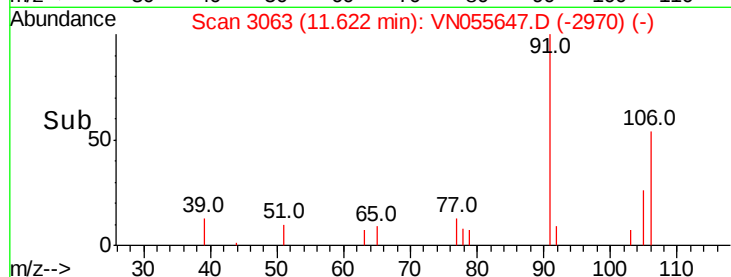
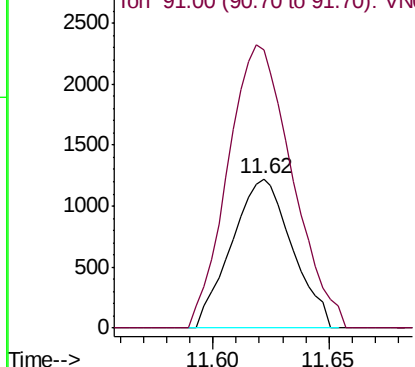
#68
m/p-Xylenes
Concen: 0.345 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055647.D
Acq: 18 May 2019 6:54

Instrument :
MSVOA_N
ClientSampled :
TP-20

Tot Ion:106 Resp: 2218
Ion Ratio Lower Upper
106 100
91 201.0 160.5 240.7

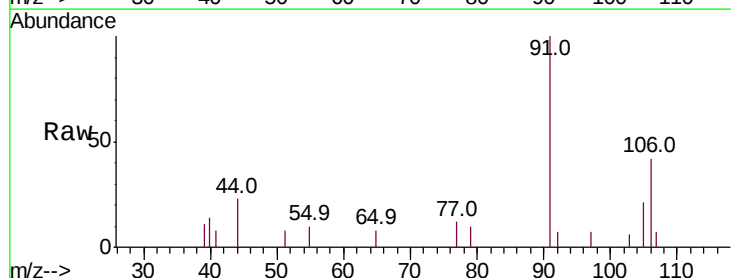


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

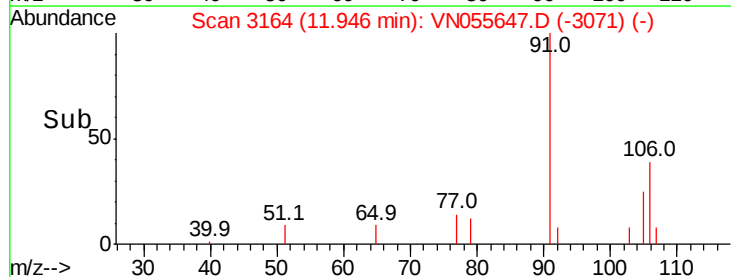
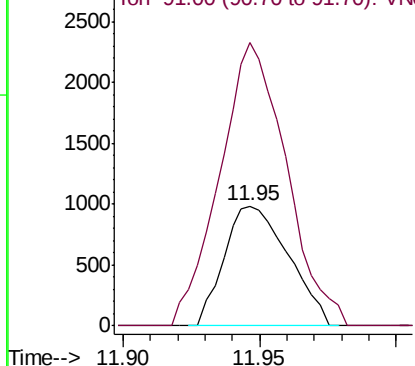


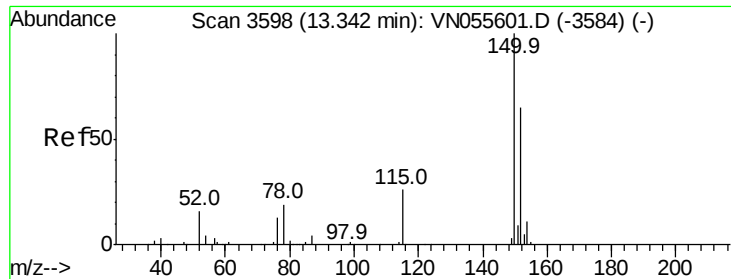
#69
o-Xylene
Concen: 0.257 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055647.D
Acq: 18 May 2019 6:54

Tgt Ion:106 Resp: 1613
Ion Ratio Lower Upper
106 100
91 244.8 106.7 320.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055647.D

Acq: 18 May 2019 6:54

Instrument :

MSVOA_N

ClientSampleId :

TP-20

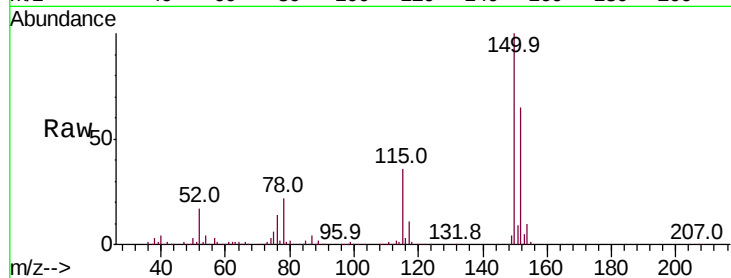
Tot Ion:152 Resp: 195499

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.2

150 155.8 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

