

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011455.D
 Acq On : 24 Jul 2019 02:12
 Operator : SY/VA
 Sample : K3617-03
 Misc : 3.99G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-071919-B

Quant Time: Jul 24 07:36:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

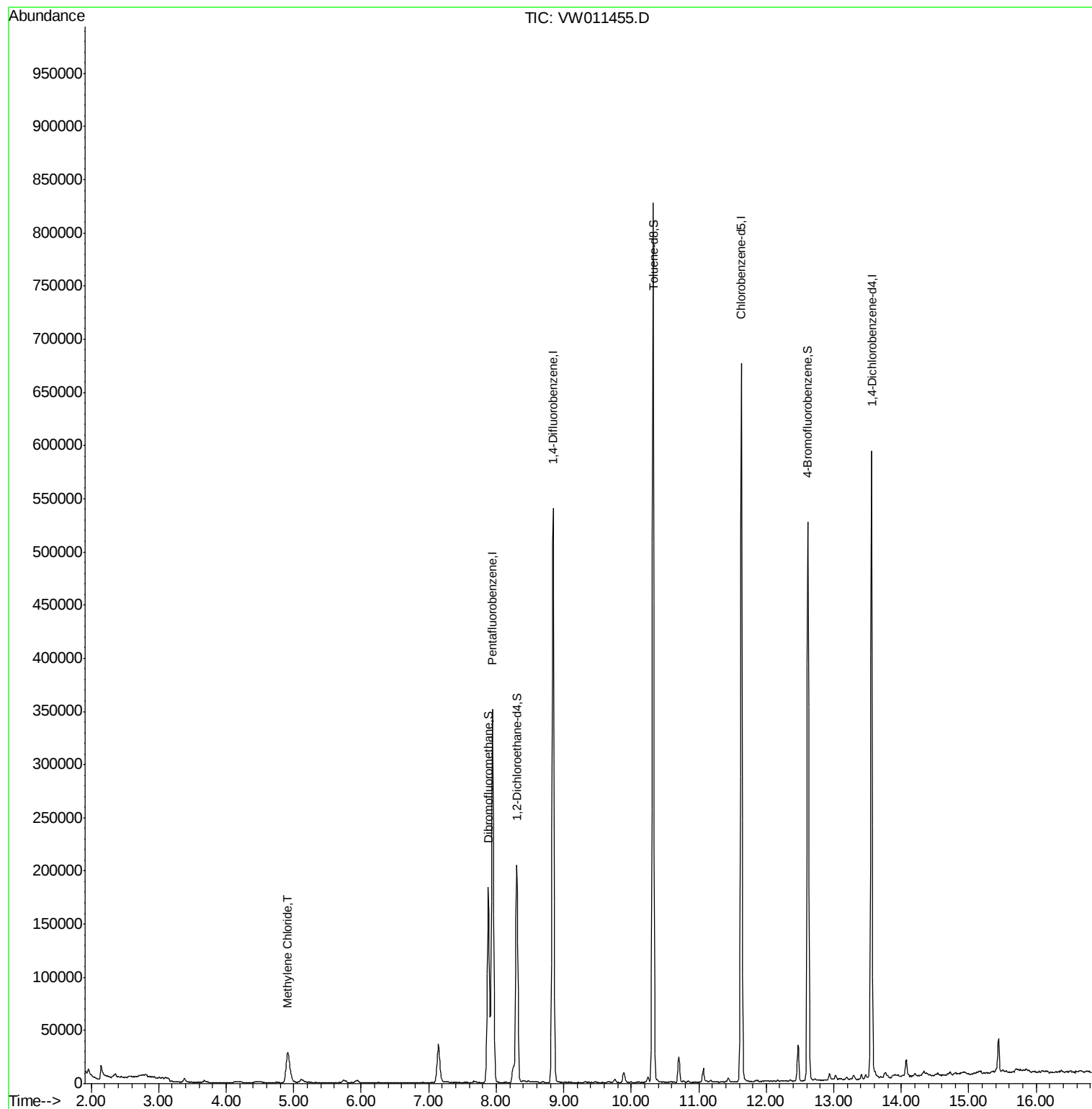
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161308	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	7.88	113	129161	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.32	98	526221	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	172876	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
20) Methylene Chloride	4.91	84	23524	7.672	ug/l	Qvalue 90

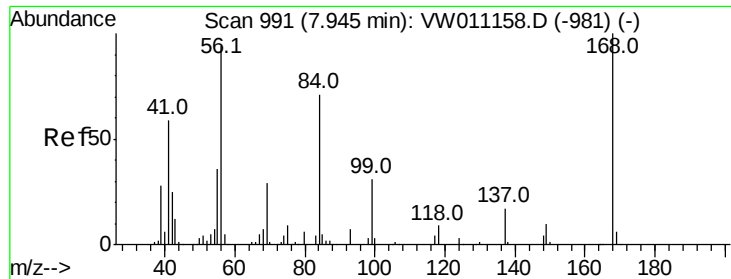
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

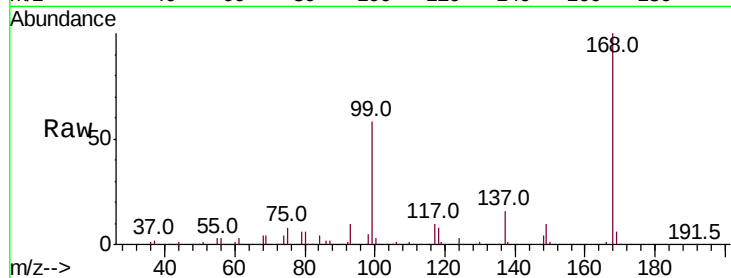
NB-07-071919-B

Tot Ion:168 Resp: 257068

Ion Ratio Lower Upper

168 100

99 58.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

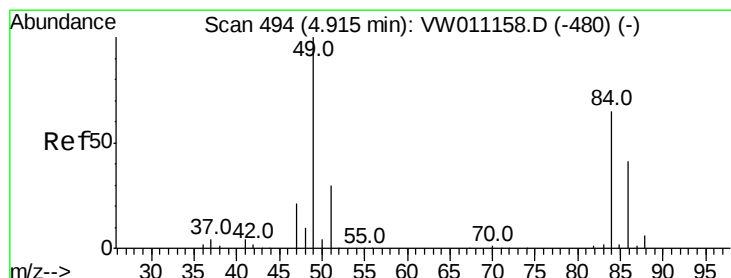
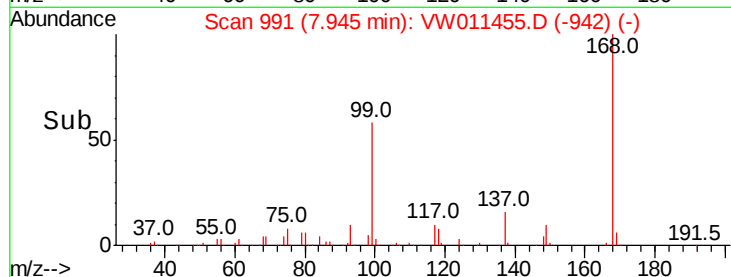
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 7.672 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Tgt Ion: 84 Resp: 23524

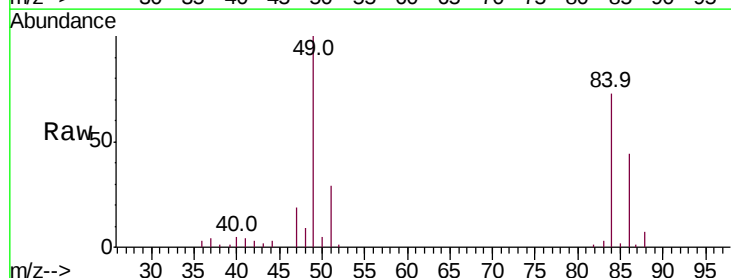
Ion Ratio Lower Upper

84 100

49 137.8 123.8 185.6

51 40.2 37.4 56.2

86 60.9 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

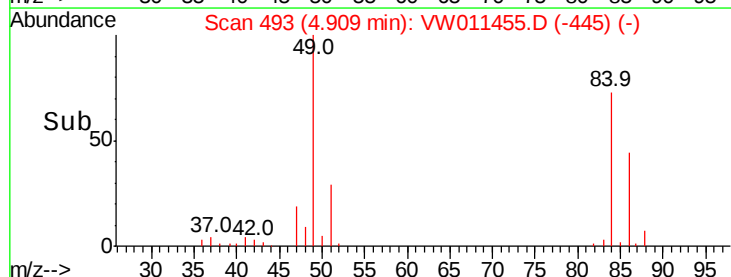
4.91

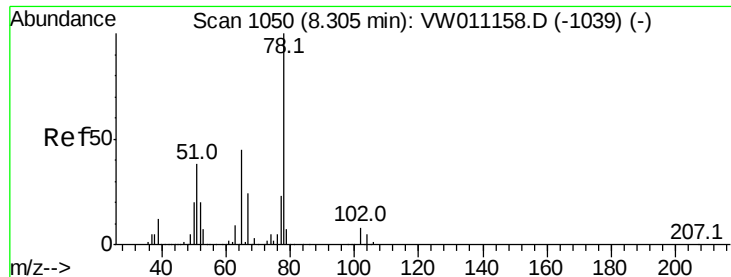
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

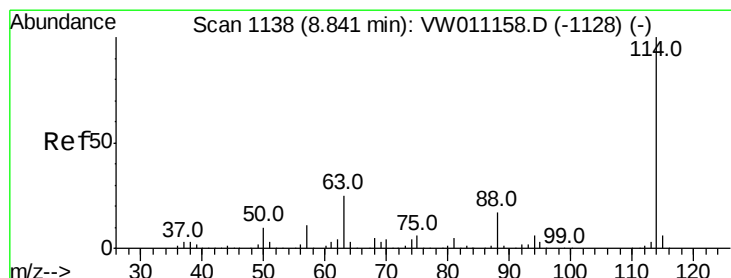
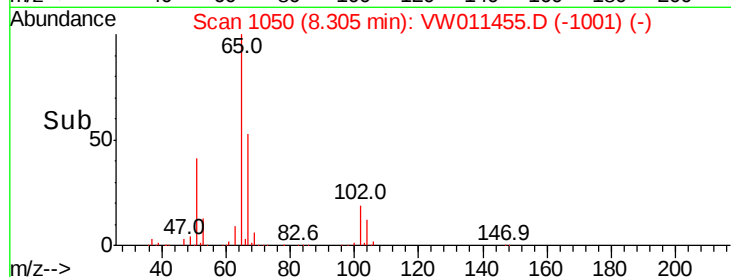
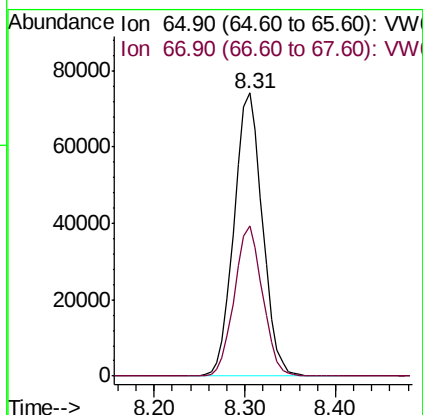
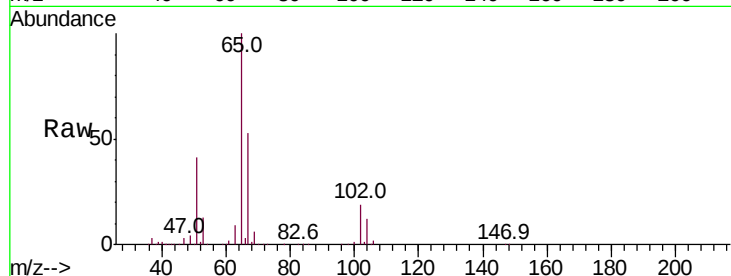




#33
 1,2-Dichloroethane-d4
 Concen: 49.938 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

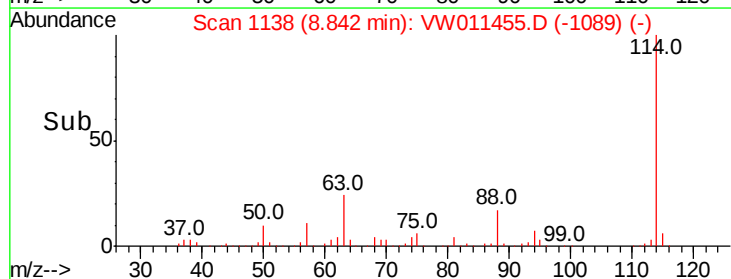
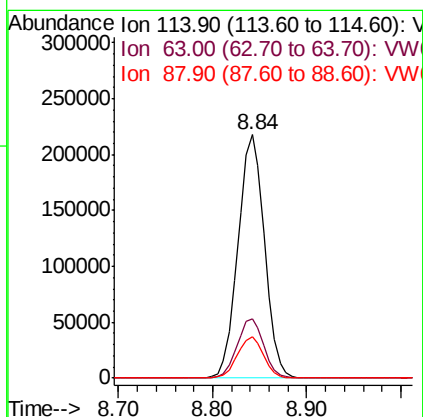
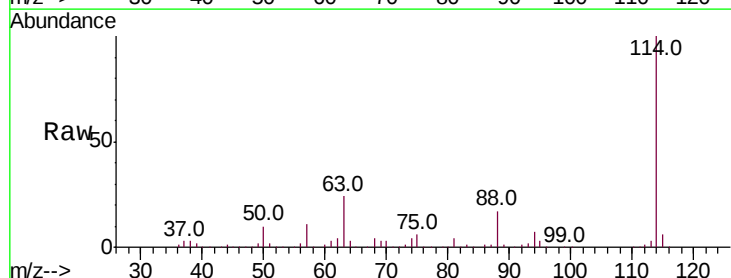
Instrument :
 MSVOA_W
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 NB-07-071919-B

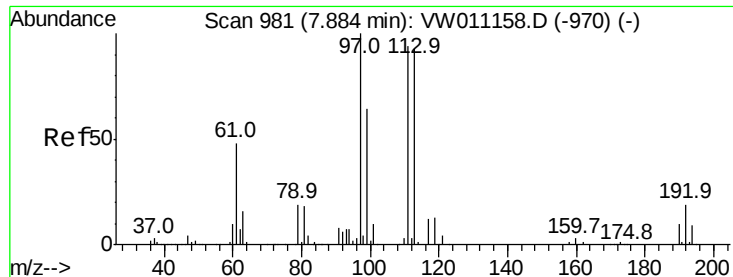
Tot Ion: 65 Resp: 161308
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

Tgt Ion: 114 Resp: 426051
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.8
 88 17.0 0.0 34.2

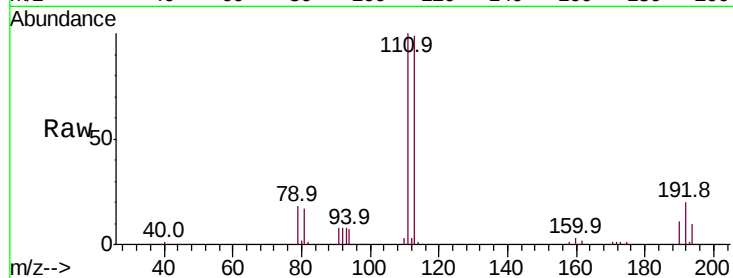




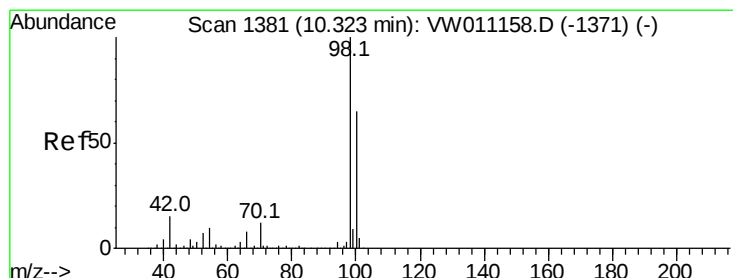
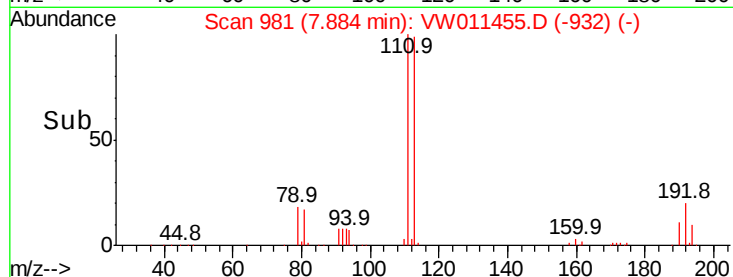
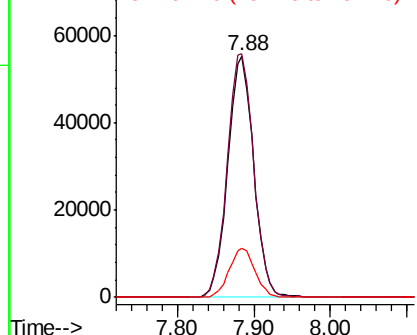
#35
 Dibromofluoromethane
 Concen: 50.862 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-071919-B

Tot Ion:113 Resp: 129161
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 20.2 15.8 23.8

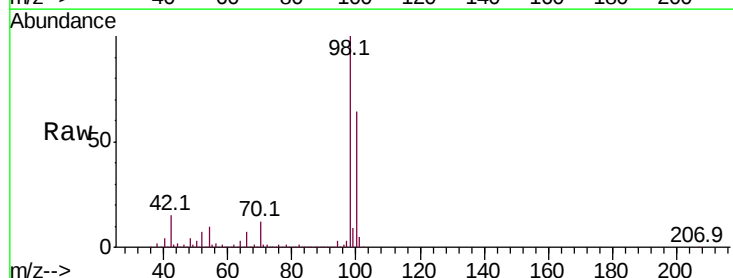


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

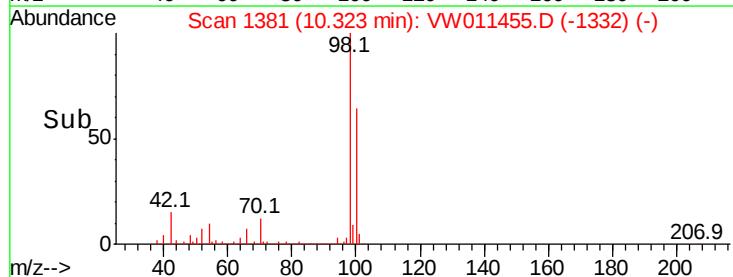
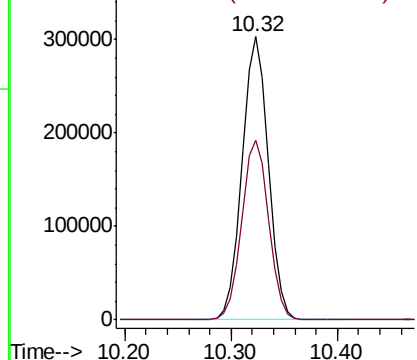


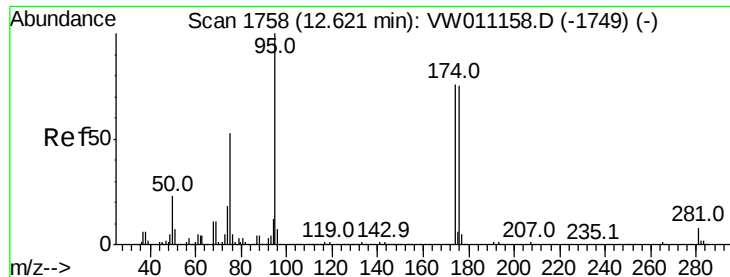
#50
 Toluene-d8
 Concen: 51.264 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011455.D
 Acq: 24 Jul 2019 02:12

Tgt Ion: 98 Resp: 526221
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

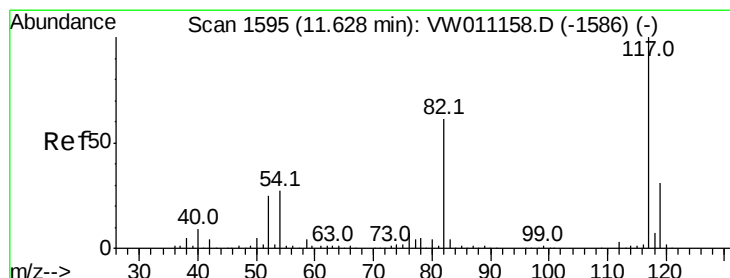
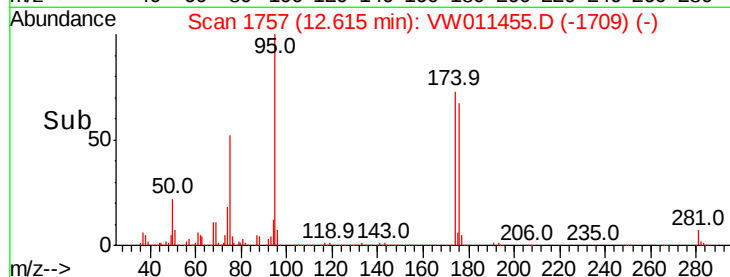
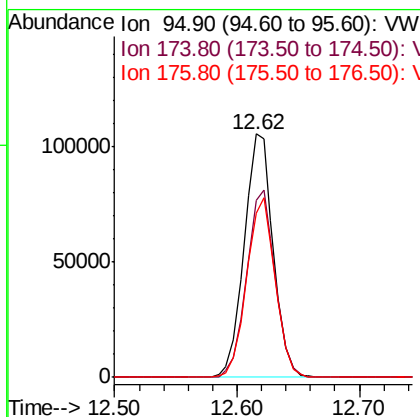
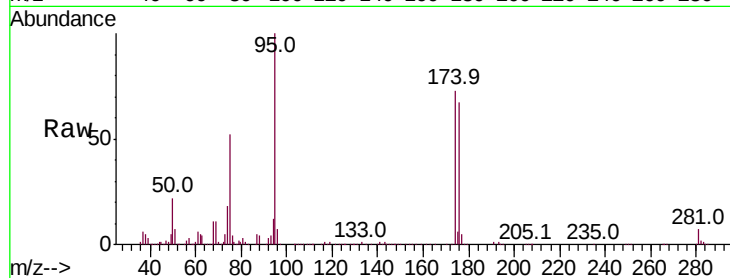




#62
4-Bromofluorobenzene
Concen: 45.948 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

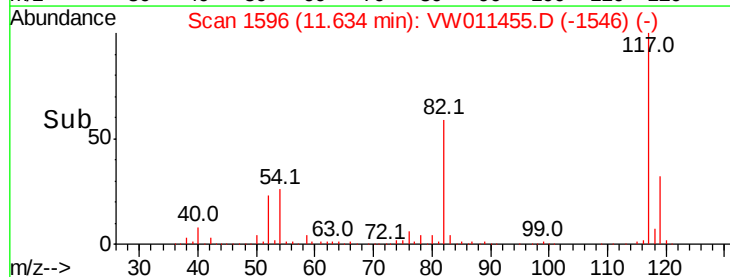
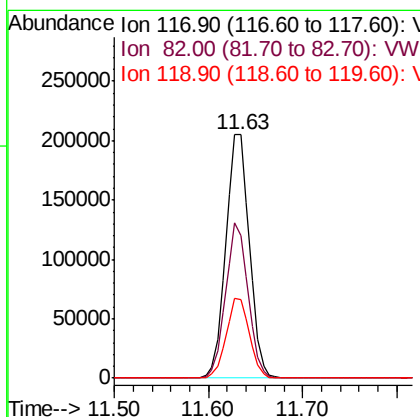
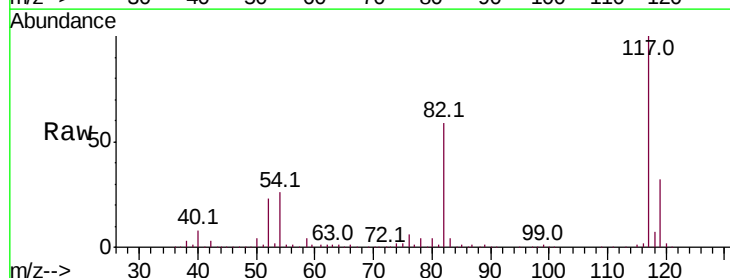
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071919-B

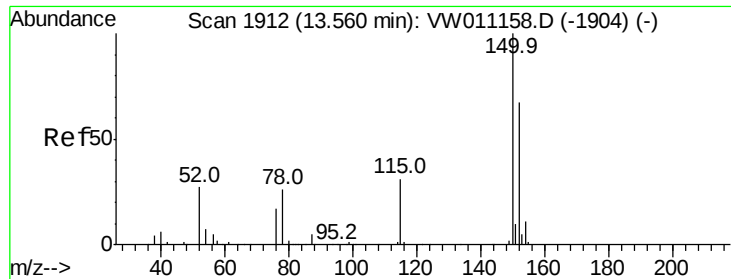
Tot Ion: 95 Resp: 172876
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.6
176 73.0 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011455.D
Acq: 24 Jul 2019 02:12

Tgt Ion: 117 Resp: 354522
Ion Ratio Lower Upper
117 100
82 58.8 48.9 73.3
119 32.2 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011455.D

Acq: 24 Jul 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

NB-07-071919-B

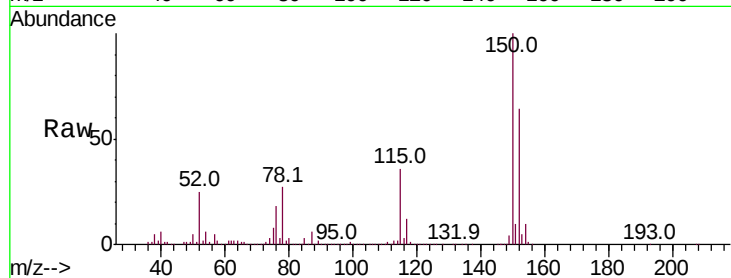
Tot Ion:152 Resp: 150448

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.3

150 157.9 0.0 346.0



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

