

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011454.D
 Acq On : 24 Jul 2019 01:46
 Operator : SY/VA
 Sample : K3617-01
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jul 24 07:34:43 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	257574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150992	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	163683	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	130156	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.32	98	535323	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.62	95	177544	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

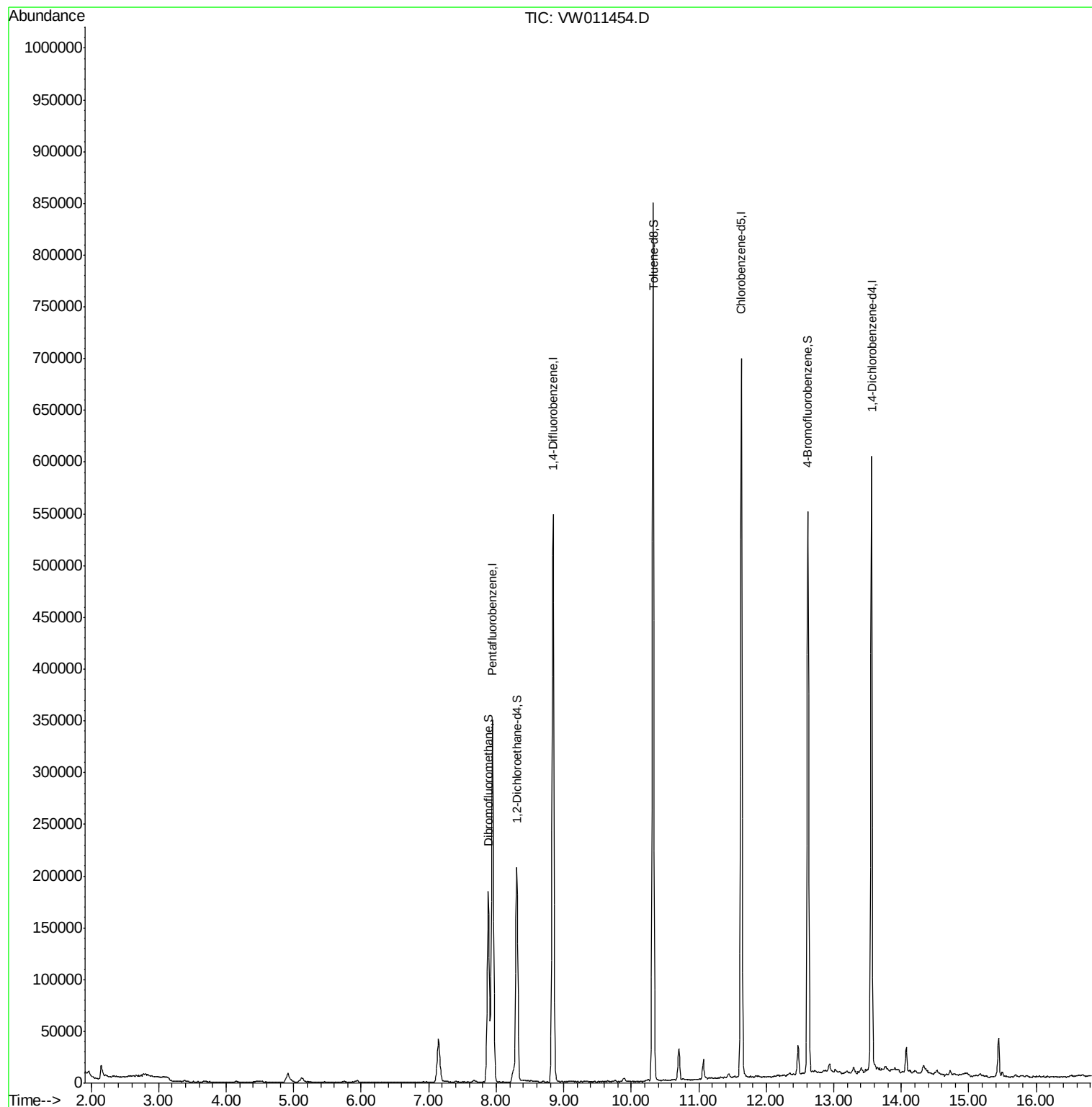
Target Compounds	Qvalue

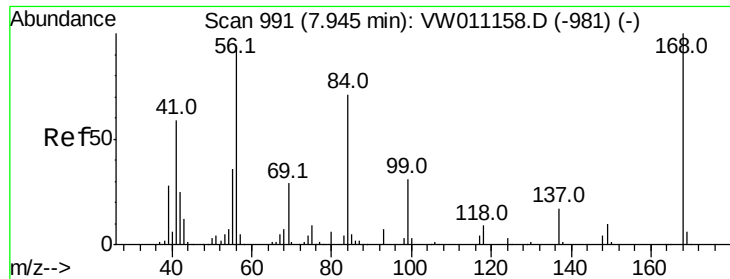
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011454.D

Acq: 24 Jul 2019 01:46

Instrument :

MSVOA_W

ClientSampleId :

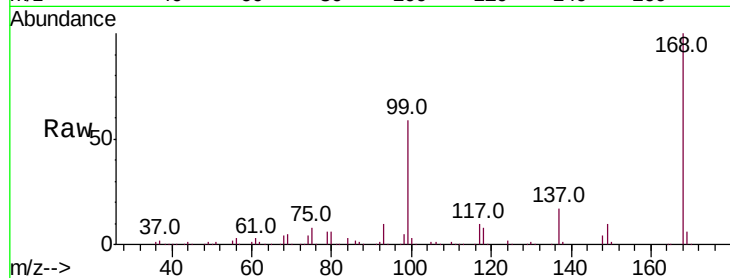
NB-07-071919-A

Tot Ion:168 Resp: 257574

Ion Ratio Lower Upper

168 100

99 58.6 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

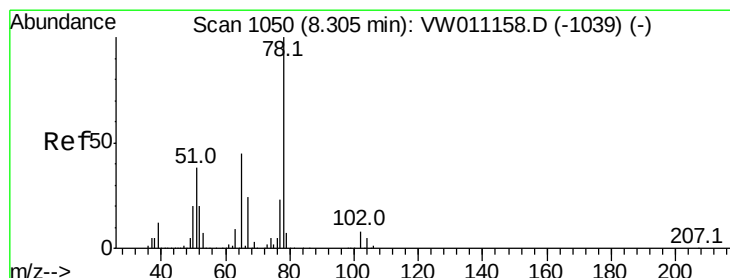
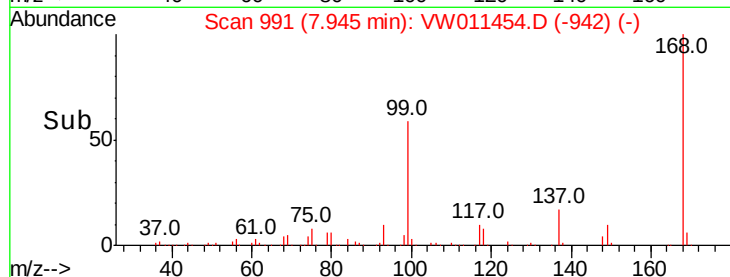
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.574 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011454.D

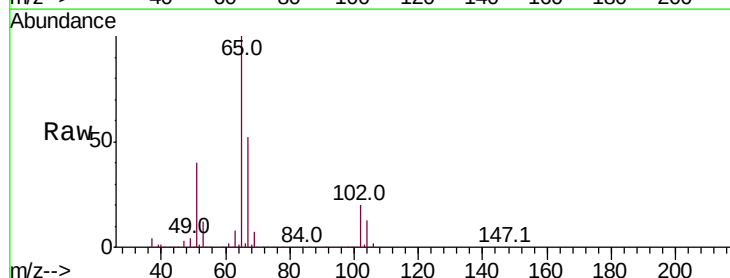
Acq: 24 Jul 2019 01:46

Tgt Ion: 65 Resp: 163683

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

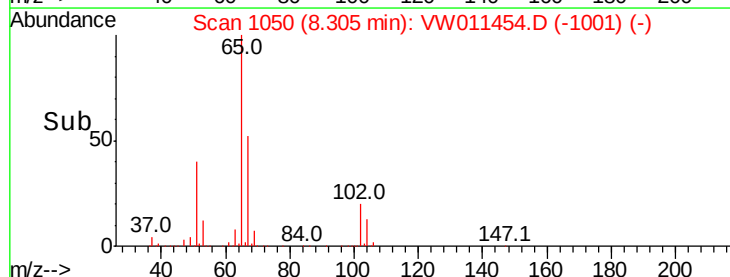
60000

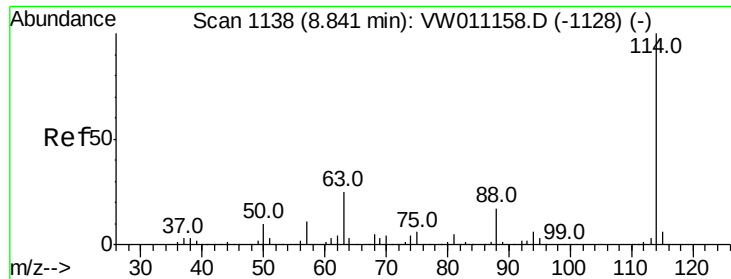
40000

20000

0

Time--> 8.20 8.30 8.40

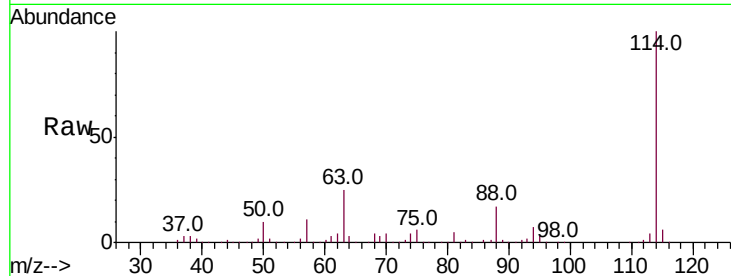




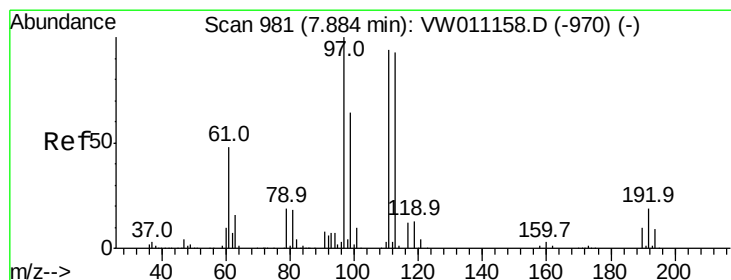
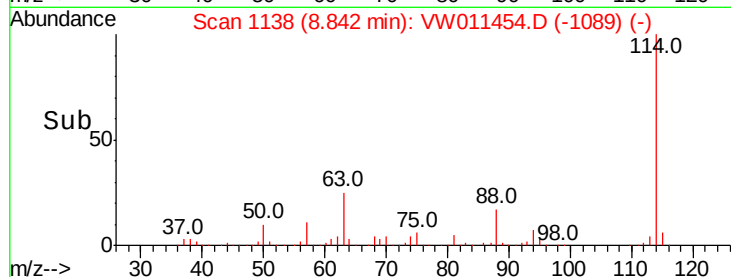
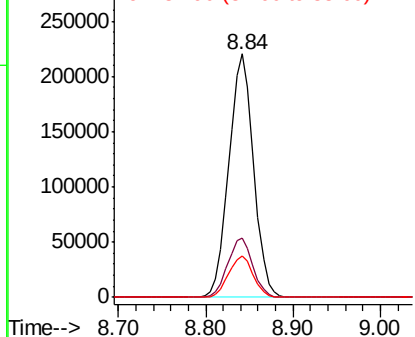
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011454.D
 Acq: 24 Jul 2019 01:46

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

Tot Ion:114 Resp: 432312
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 17.1 0.0 34.2

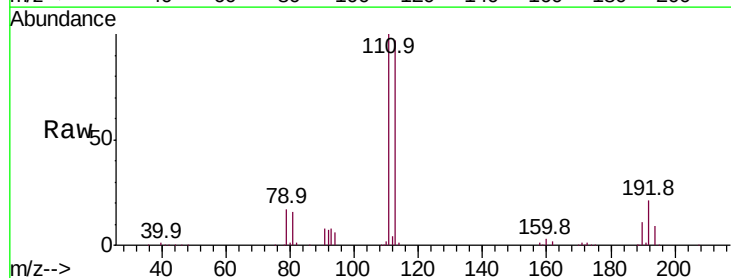


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

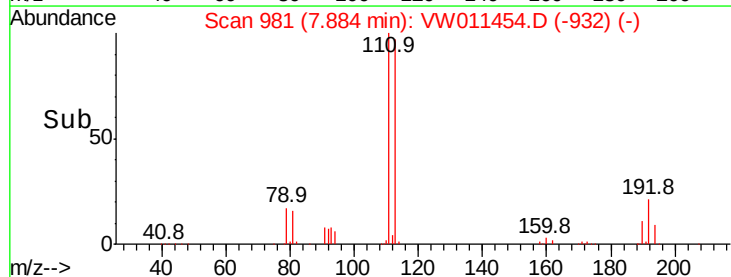
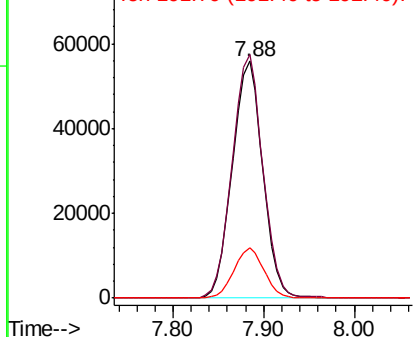


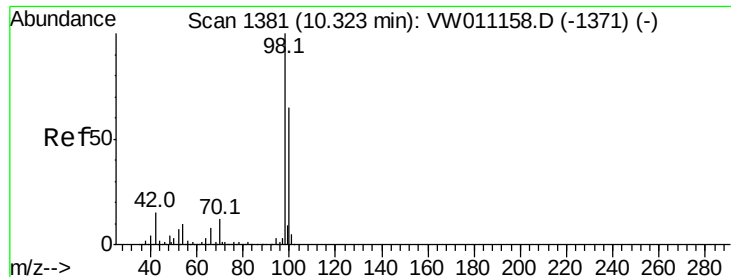
#35
 Dibromofluoromethane
 Concen: 50.511 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011454.D
 Acq: 24 Jul 2019 01:46

Tgt Ion:113 Resp: 130156
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 20.8 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

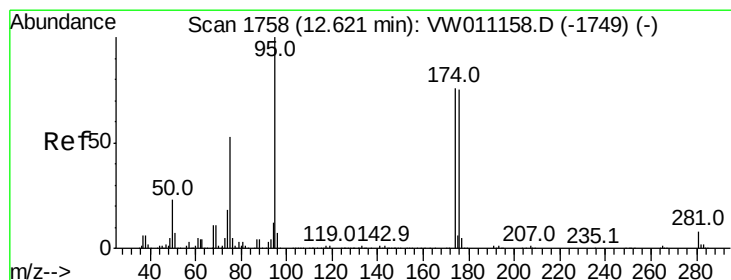
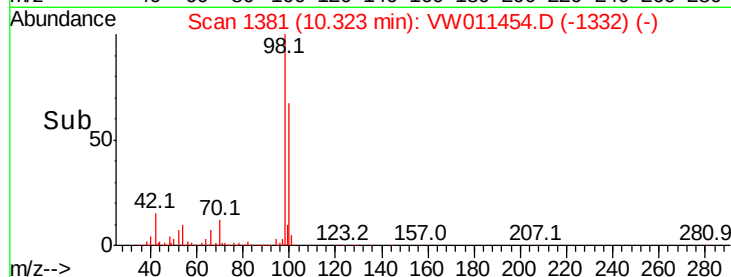
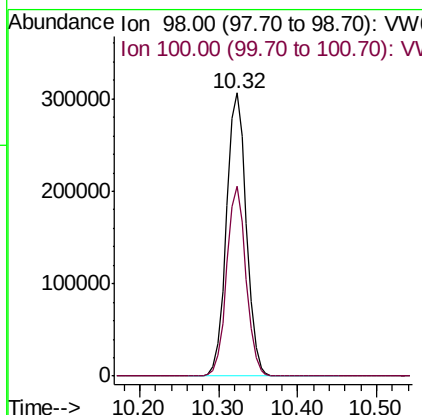
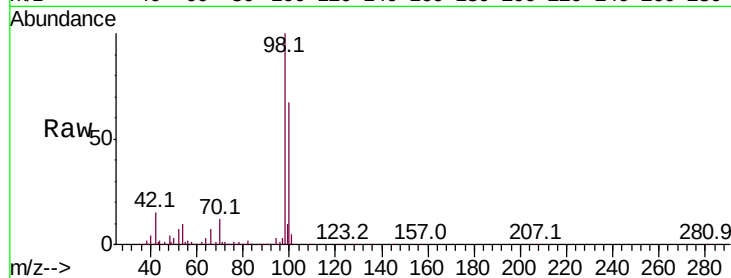




#50
Toluene-d8
Concen: 51.396 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011454.D
Acq: 24 Jul 2019 01:46

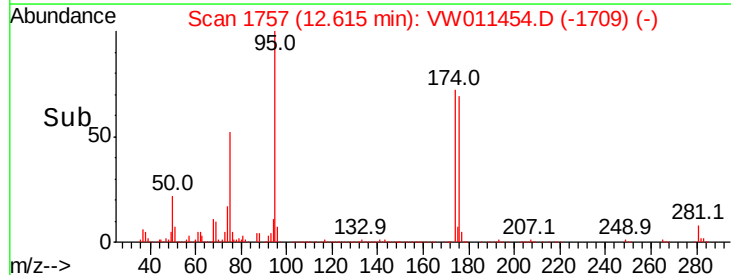
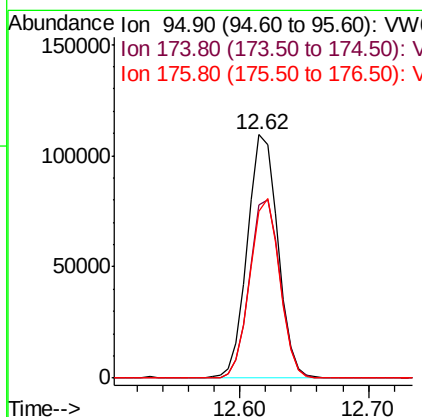
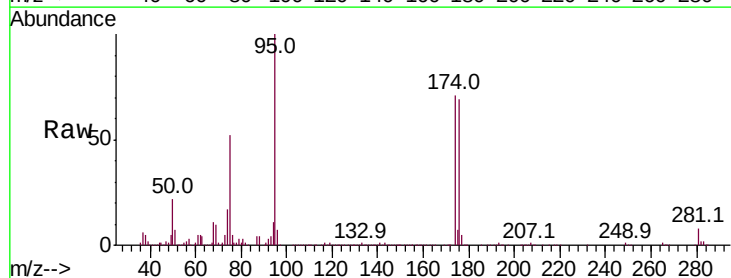
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071919-A

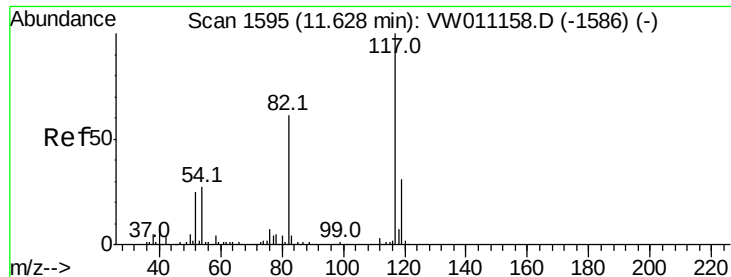
Tot Ion: 98 Resp: 535323
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.505 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011454.D
Acq: 24 Jul 2019 01:46

Tgt Ion: 95 Resp: 177544
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.6
176 72.7 0.0 144.6

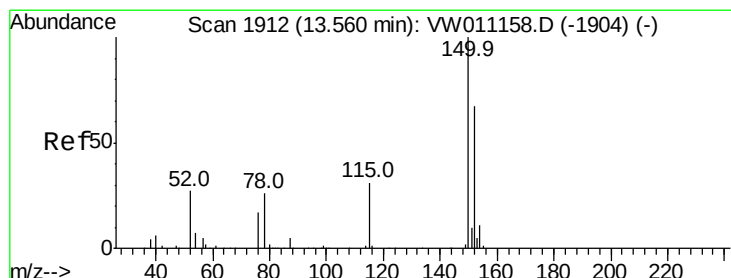
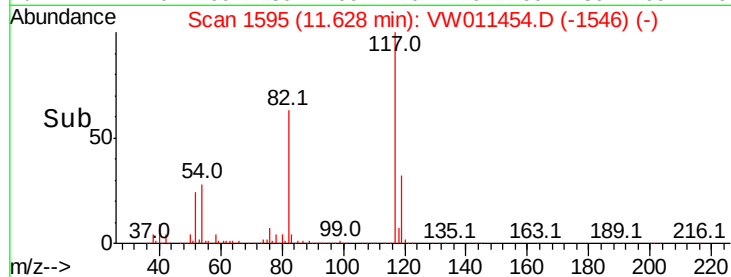
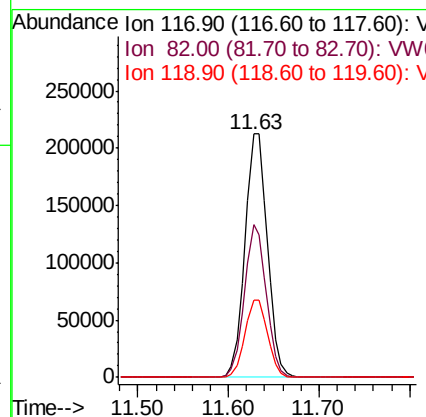
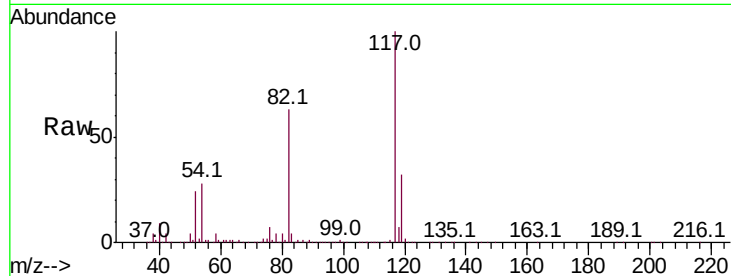




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011454.D
Acq: 24 Jul 2019 01:46

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

Tot Ion:117 Resp: 363572
Ion Ratio Lower Upper
117 100
82 62.9 48.9 73.3
119 31.8 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: VW011454.D
Acq: 24 Jul 2019 01:46

Tgt Ion:152 Resp: 150992
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.3
150 157.2 0.0 346.0

