

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016289.D
 Acq On : 21 Aug 2020 03:43
 Operator : SY/VA
 Sample : L3720-02
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MP-081920-B10-0-2-GRAB

Quant Time: Aug 21 04:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

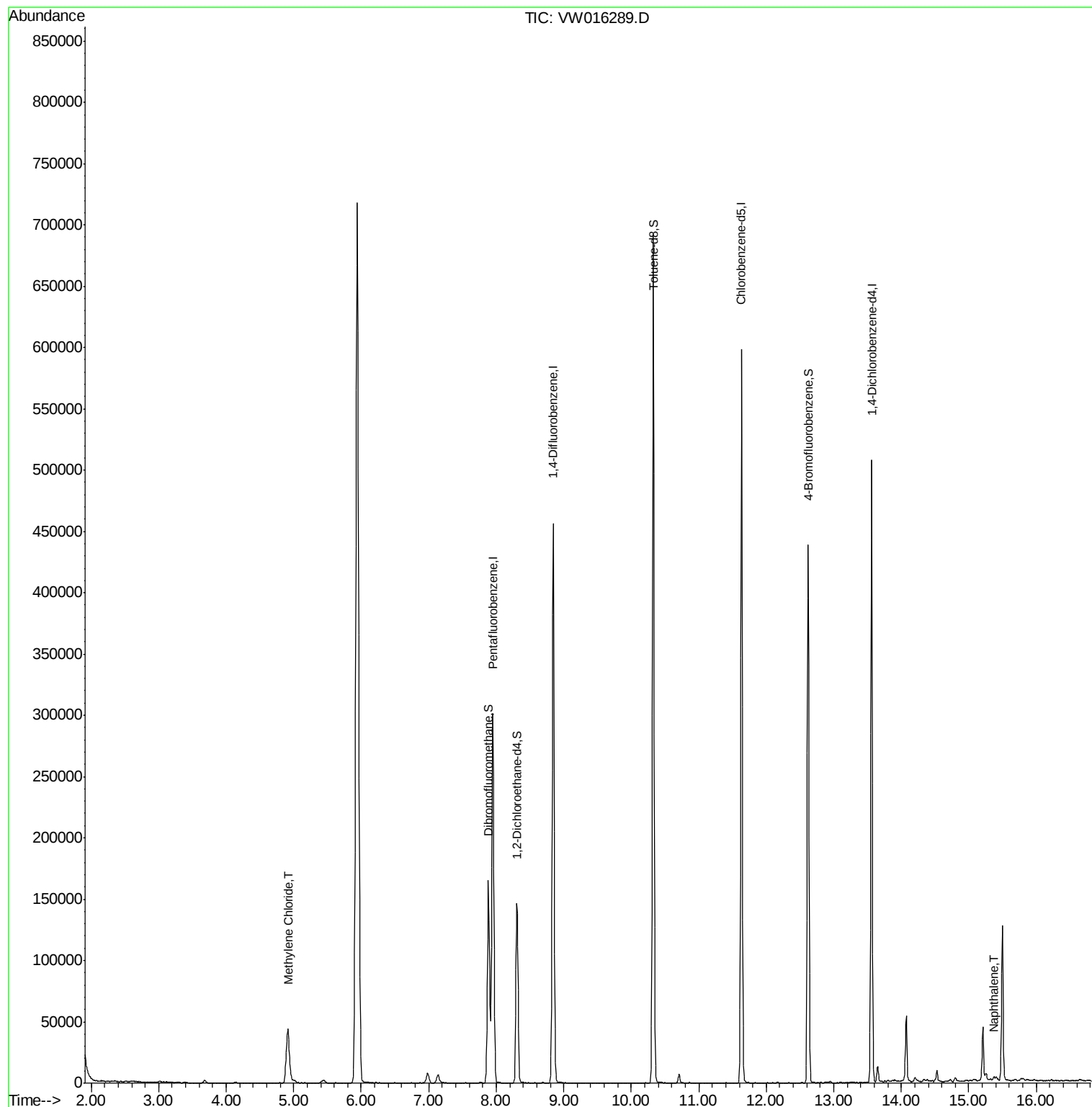
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115475	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	124952	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.32	98	478912	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	153518	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
Target Compounds						
20) Methylene Chloride	4.92	84	36819	10.081	ug/l	92
95) Naphthalene	15.37	128	3388	4.192	ug/l	97

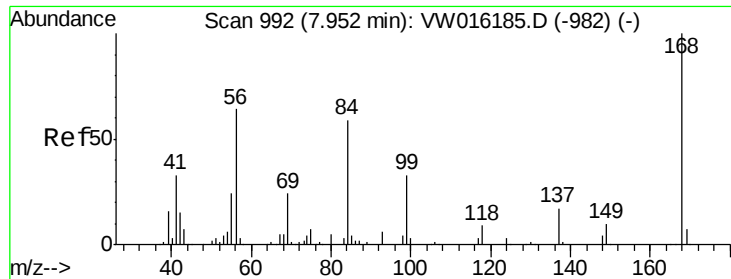
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016289.D

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Instrument :

MSVOA_W

ClientSampleId :

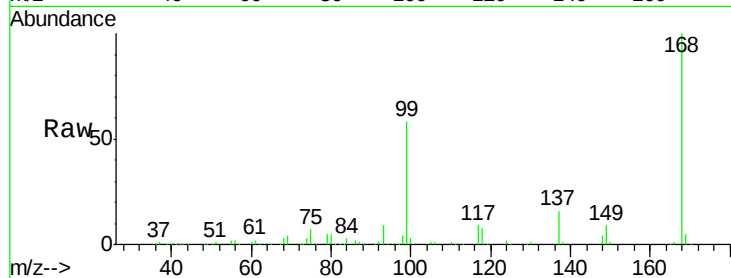
MP-081920-B10-0-2-GRAB

Tot Ion:168 Resp: 226195

Ion Ratio Lower Upper

168 100

99 58.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

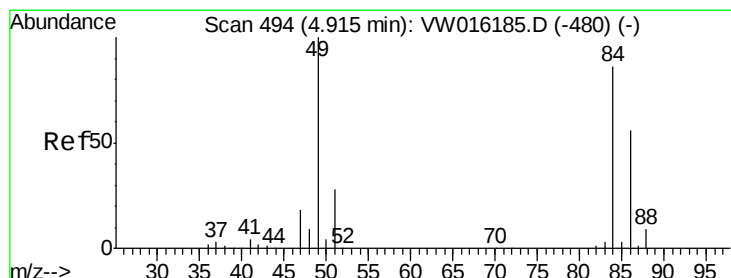
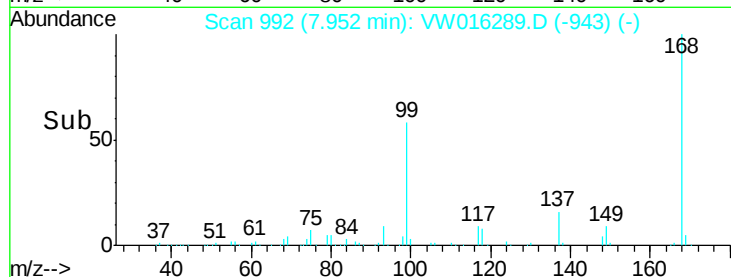
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 10.081 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016289.D

Acq: 21 Aug 2020 03:43

Tgt Ion: 84 Resp: 36819

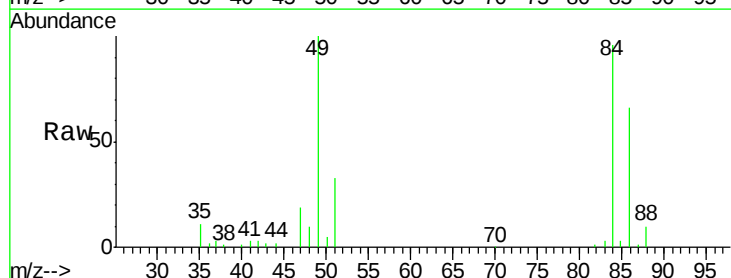
Ion Ratio Lower Upper

84 100

49 104.4 93.4 140.2

51 34.4 26.6 40.0

86 68.4 52.2 78.2



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

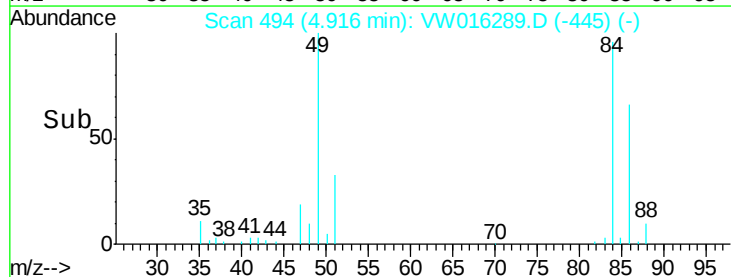
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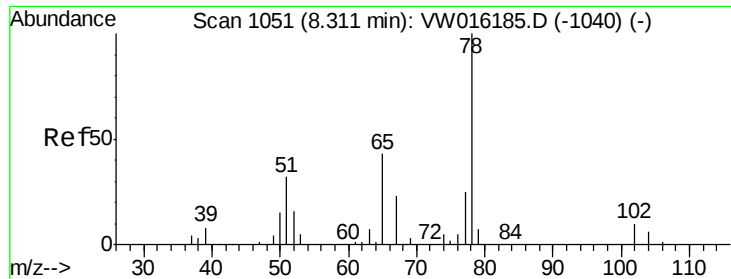
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5000

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Time-->

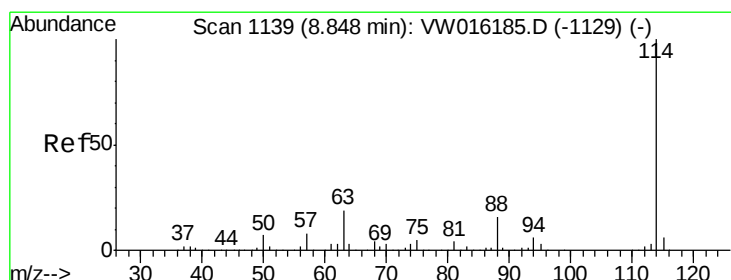
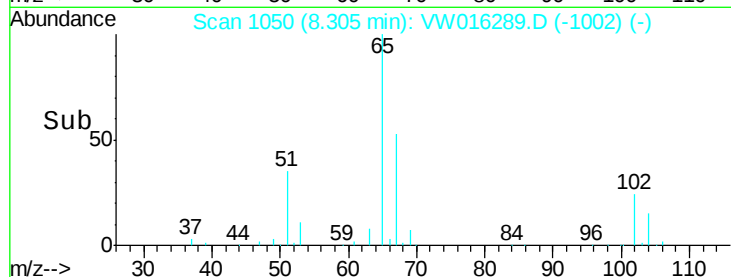
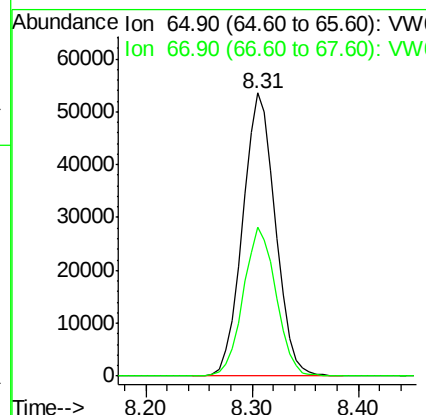
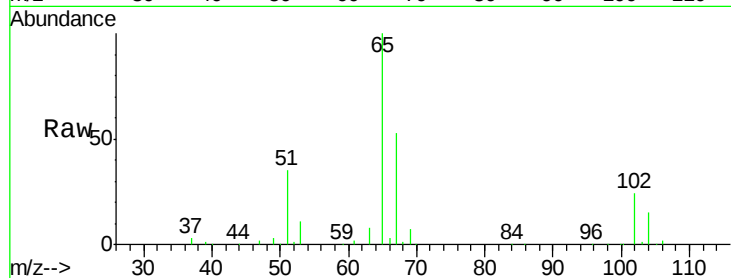




#33
 1,2-Dichloroethane-d4
 Concen: 52.349 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016289.D
 Acq: 21 Aug 2020 03:43

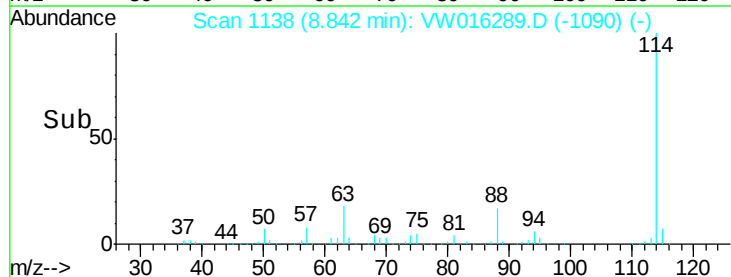
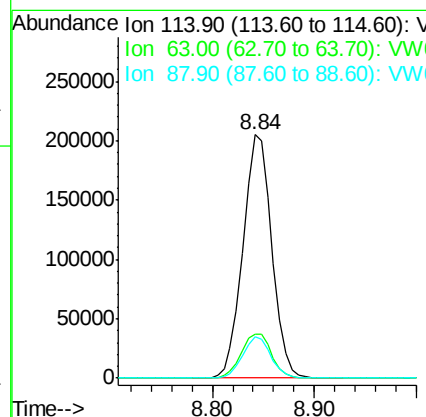
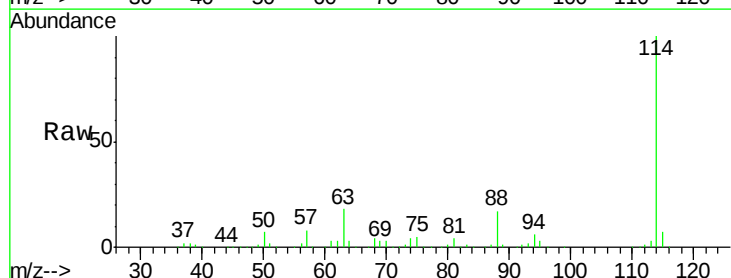
Instrument :
 MSVOA_W
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 MP-081920-B10-0-2-GRAB

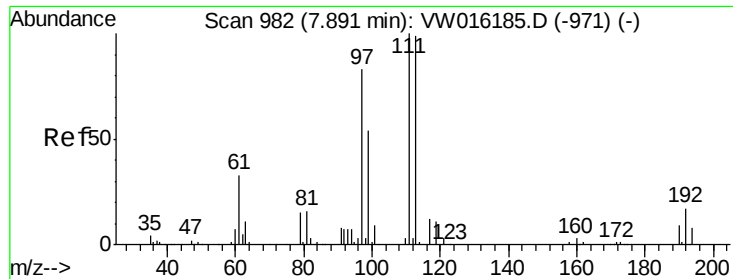
Tot Ion: 65 Resp: 115475
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016289.D
 Acq: 21 Aug 2020 03:43

Tgt Ion: 114 Resp: 402805
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 16.9 0.0 32.8

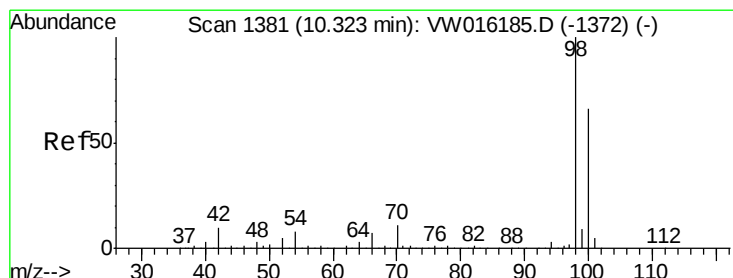
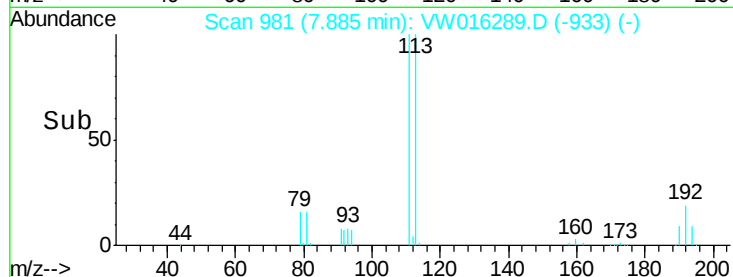
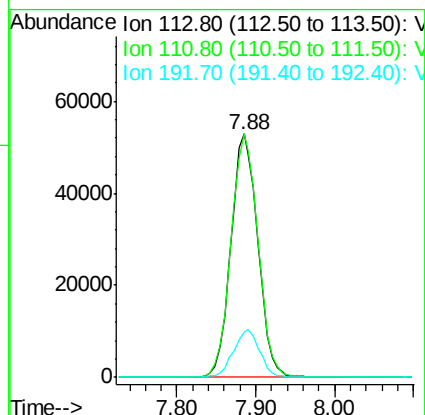
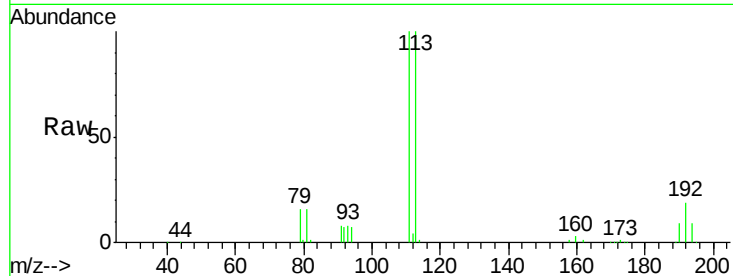




#35
Dibromofluoromethane
Concen: 50.276 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW016289.D
Acq: 21 Aug 2020 03:43

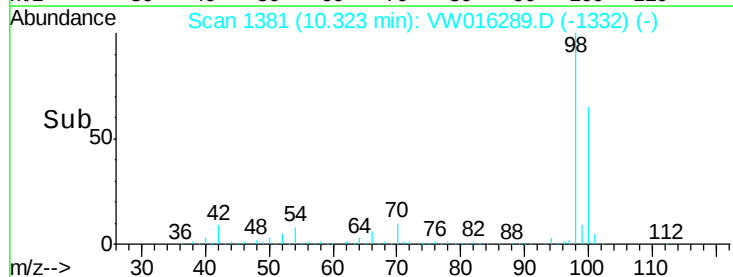
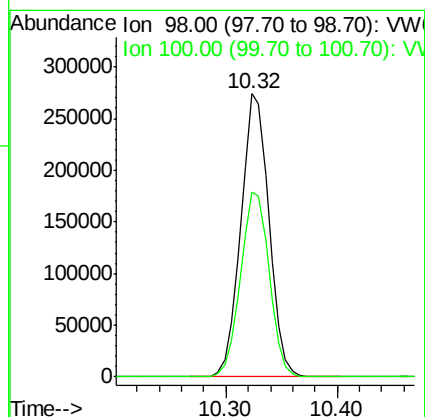
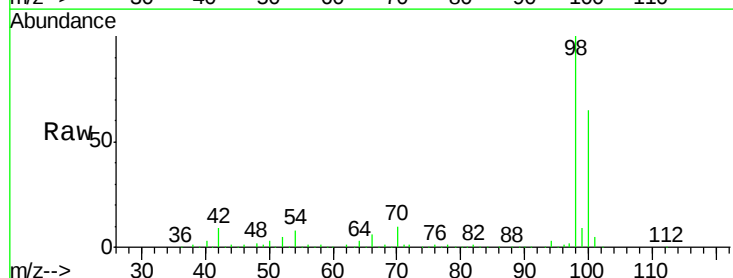
Instrument :
MSVOA_W
ClientSampleId :
MP-081920-B10-0-2-GRAB

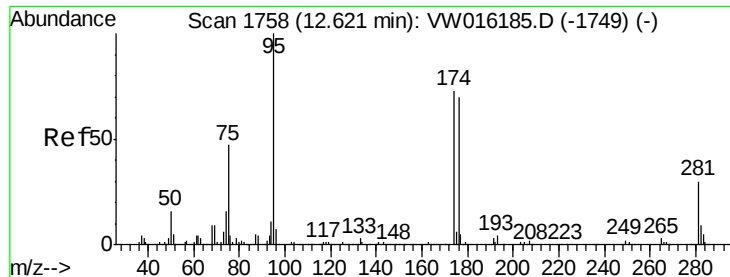
Tot Ion:113 Resp: 124952
Ion Ratio Lower Upper
113 100
111 100.9 83.5 125.3
192 19.3 14.3 21.5



#50
Toluene-d8
Concen: 49.781 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016289.D
Acq: 21 Aug 2020 03:43

Tgt Ion: 98 Resp: 478912
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3

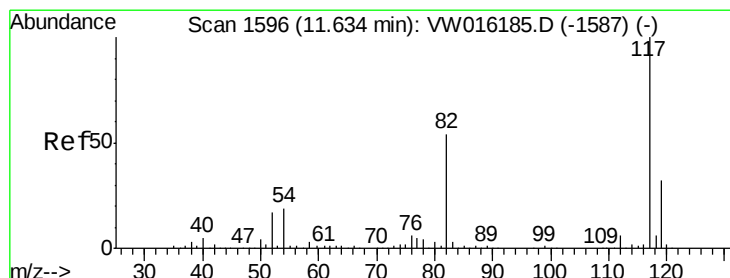
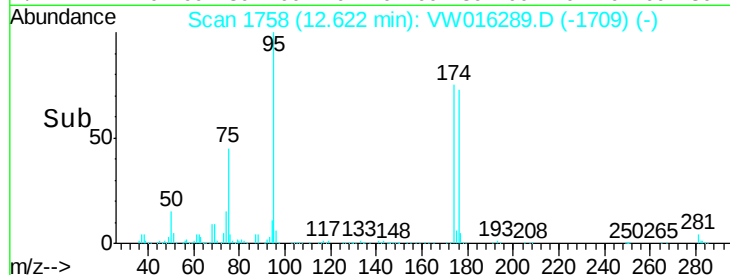
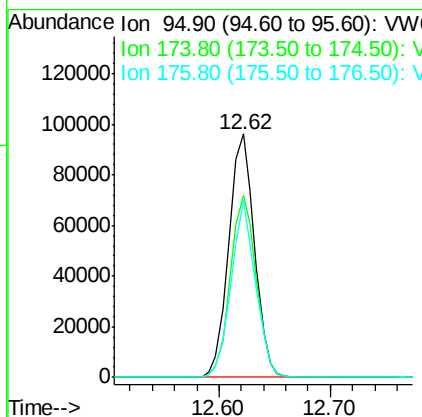
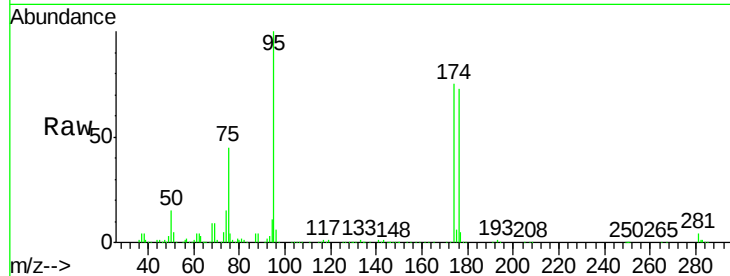




#62
4-Bromofluorobenzene
Concen: 44.643 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016289.D
Acq: 21 Aug 2020 03:43

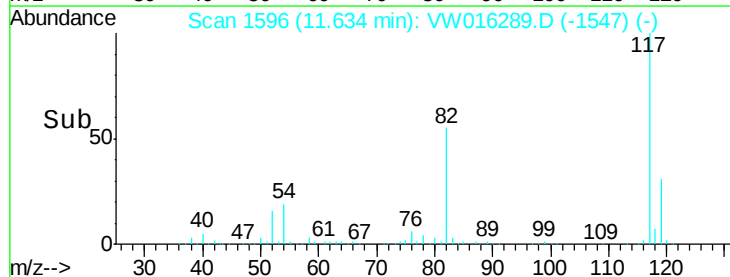
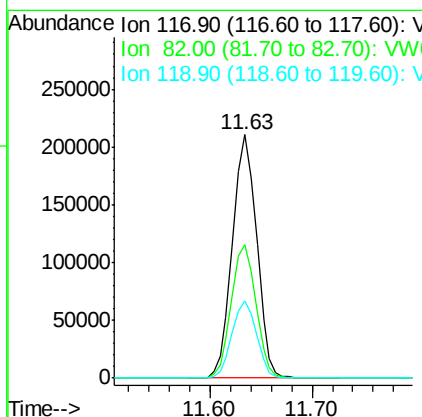
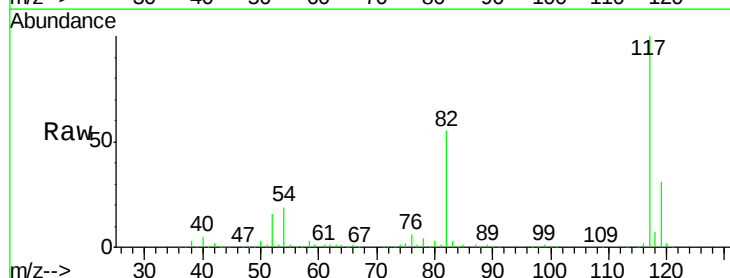
Instrument :
MSVOA_W
ClientSampleId :
MP-081920-B10-0-2-GRAB

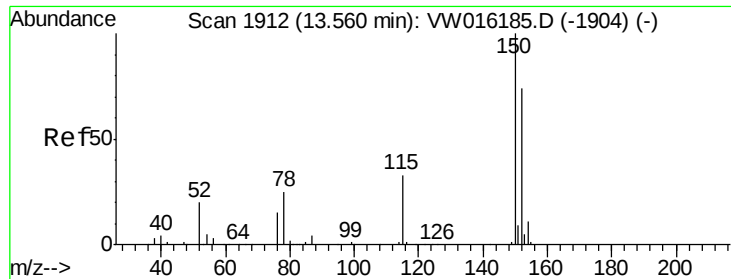
Tot Ion: 95 Resp: 153518
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.6
176 69.1 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016289.D
Acq: 21 Aug 2020 03:43

Tgt Ion: 117 Resp: 346124
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 31.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016289.D

Acq: 21 Aug 2020 03:43

Instrument :

MSVOA_W

ClientSampleId :

MP-081920-B10-0-2-GRAB

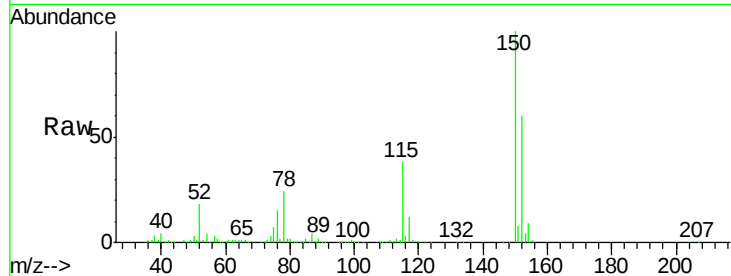
Tot Ion:152 Resp: 139160

Ion Ratio Lower Upper

152 100

115 60.2 30.9 92.5

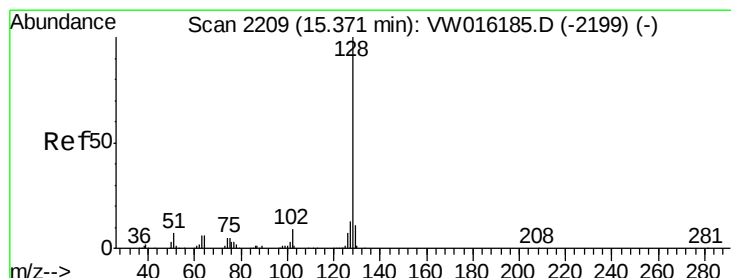
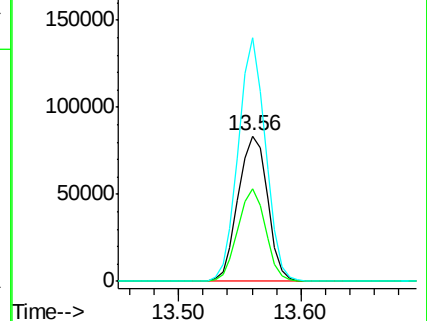
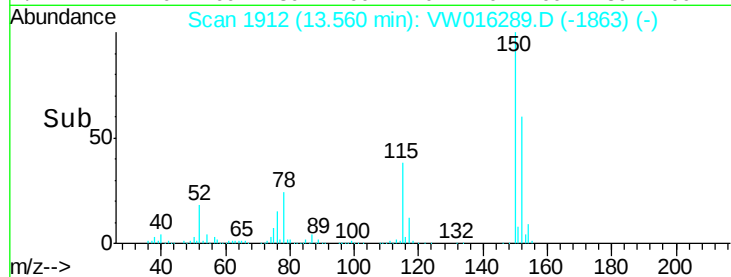
150 155.0 0.0 337.8



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



#95

Naphthalene

Concen: 4.192 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016289.D

Acq: 21 Aug 2020 03:43

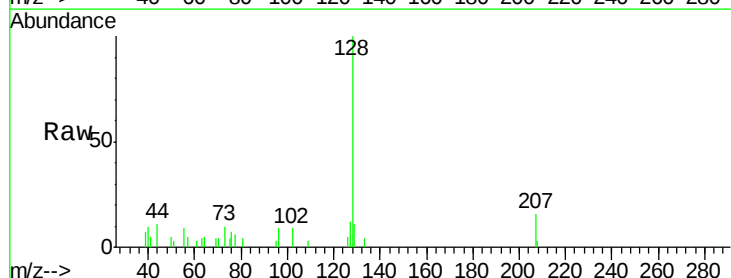
Tgt Ion:128 Resp: 3388

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.4

129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

