

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016290.D
 Acq On : 21 Aug 2020 04:08
 Operator : SY/VA
 Sample : L3720-04
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MP-081920-B11-0-2-GRAB

Quant Time: Aug 21 05:11:15 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

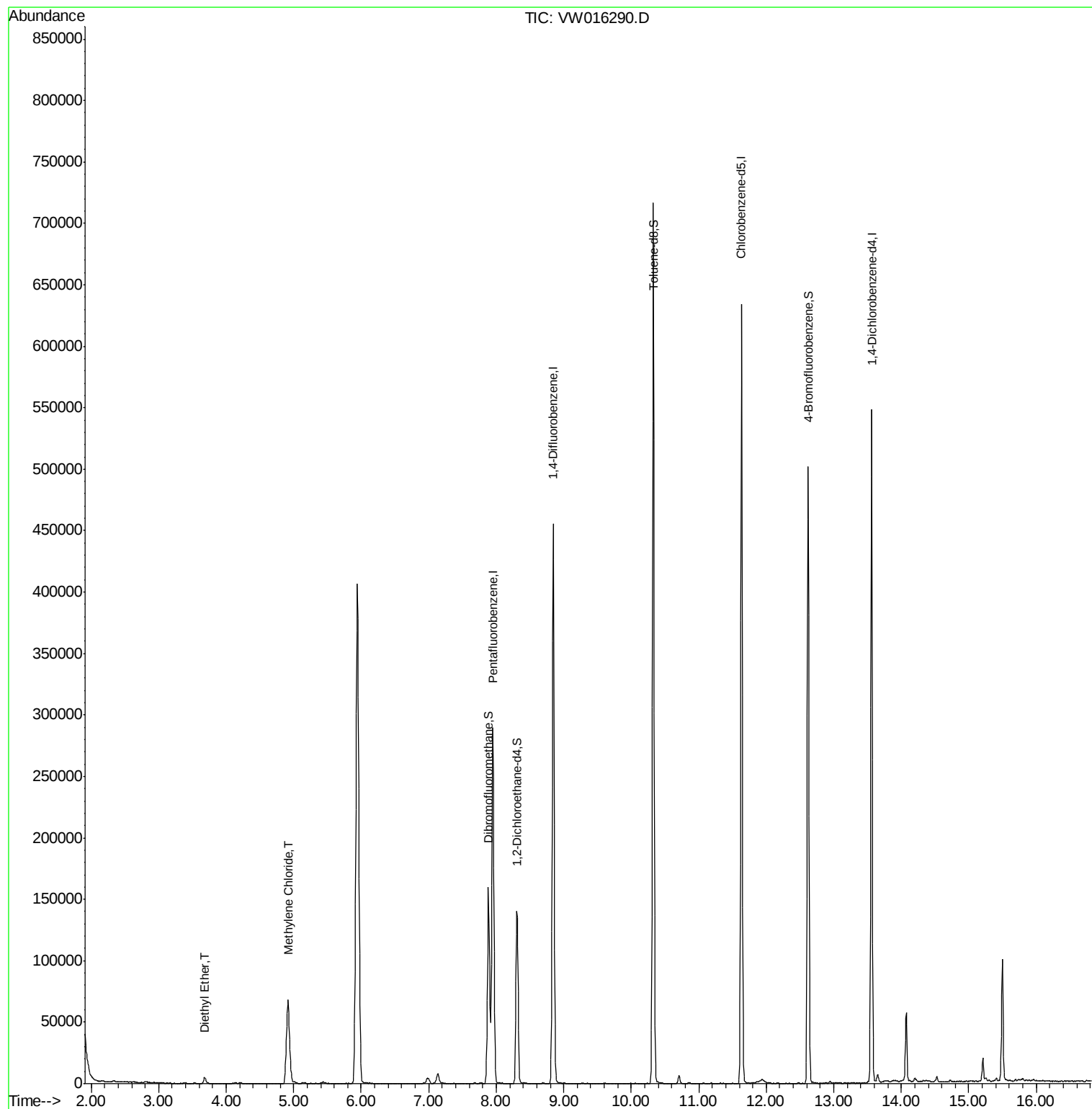
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111743	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
35) Dibromofluoromethane	7.88	113	119689	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.32	98	496417	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	169400	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
8) Diethyl Ether	3.68	74	2853	2.565	ug/l	94
20) Methylene Chloride	4.92	84	58342	20.337	ug/l	93

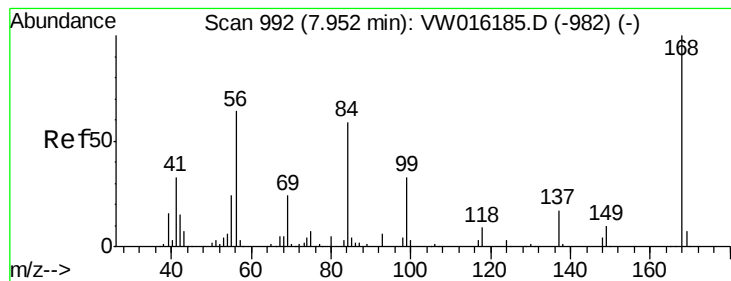
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW016290.D

Acq: 21 Aug 2020 04:08

Instrument :

MSVOA_W

ClientSampleId :

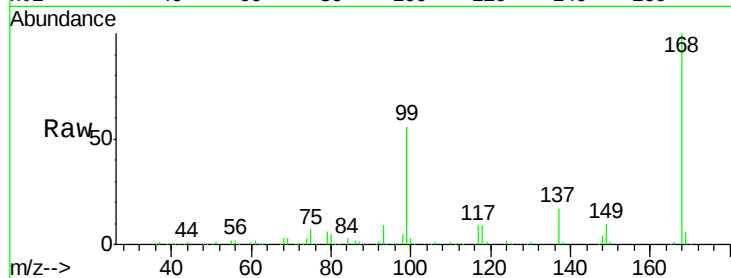
MP-081920-B11-0-2-GRAB

Tot Ion:168 Resp: 216058

Ion Ratio Lower Upper

168 100

99 55.9 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

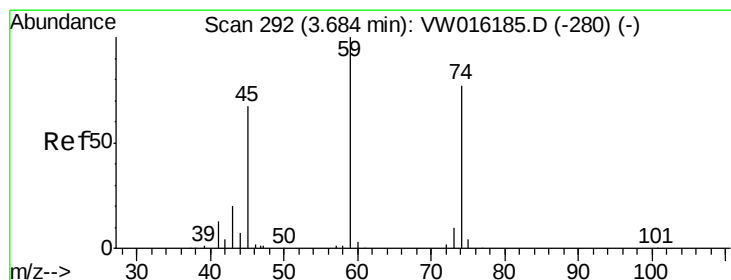
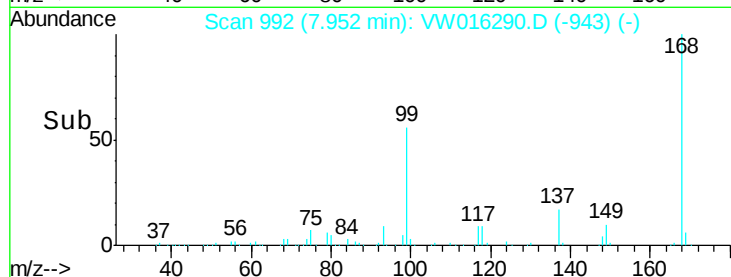
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.565 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW016290.D

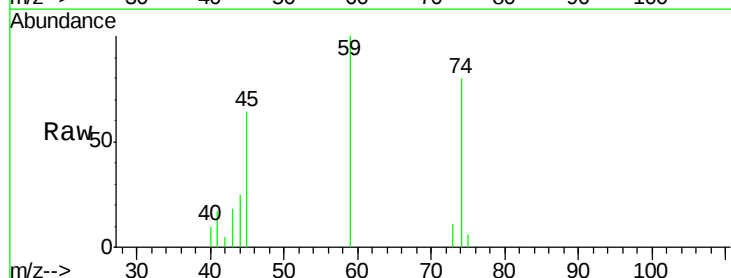
Acq: 21 Aug 2020 04:08

Tgt Ion: 74 Resp: 2853

Ion Ratio Lower Upper

74 100

45 86.5 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

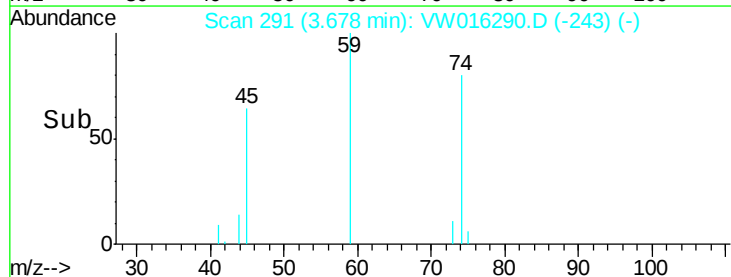
3.68

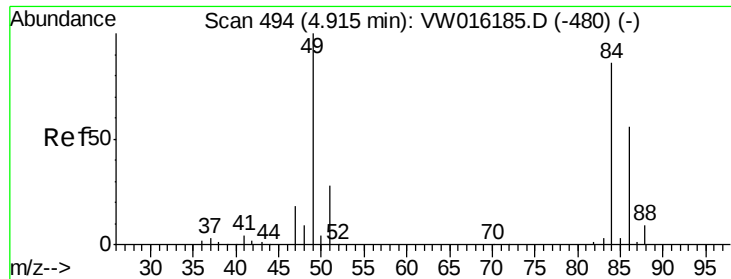
1000

500

0

Time--> 3.60 3.65 3.70 3.75



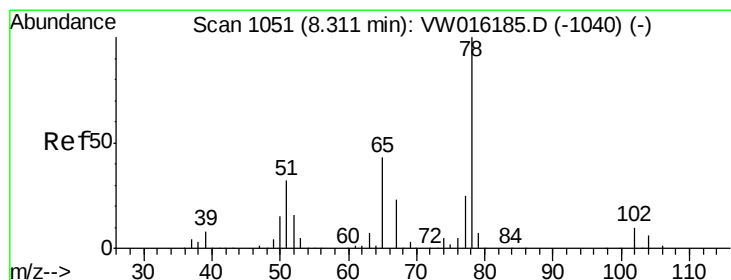
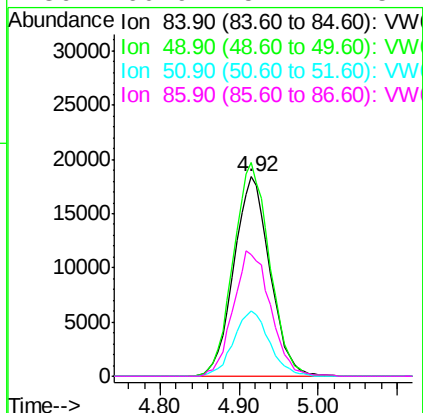
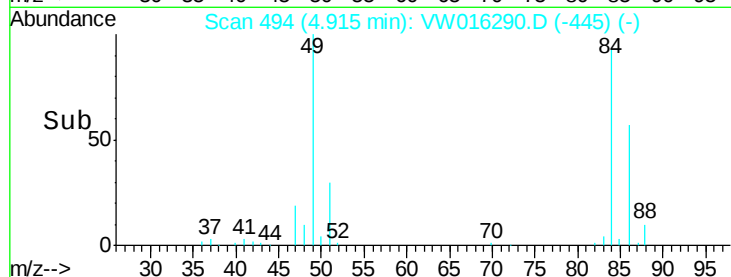
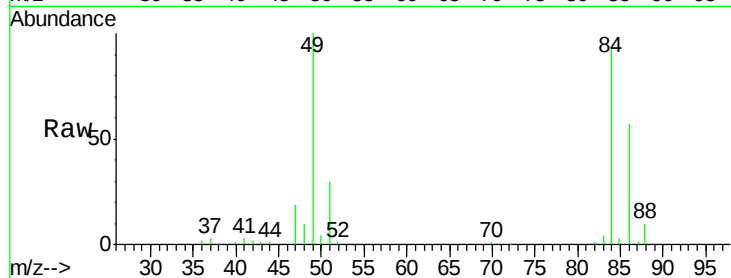


#20
Methylene Chloride
Concen: 20.337 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016290.D
Acq: 21 Aug 2020 04:08

Instrument :
MSVOA_W
ClientSampleId :
MP-081920-B11-0-2-GRAB

Tot Ion: 84 Resp: 58342

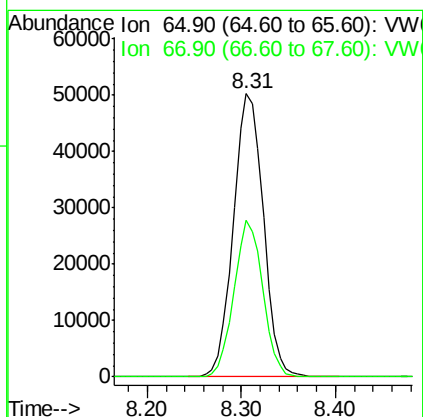
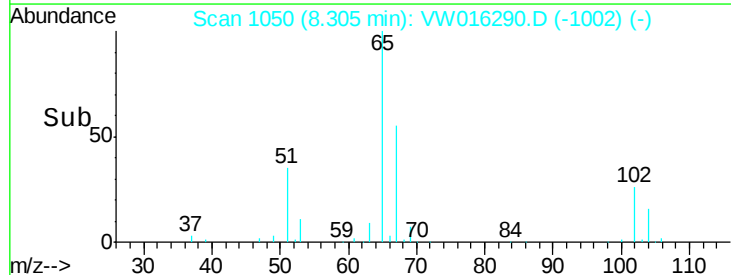
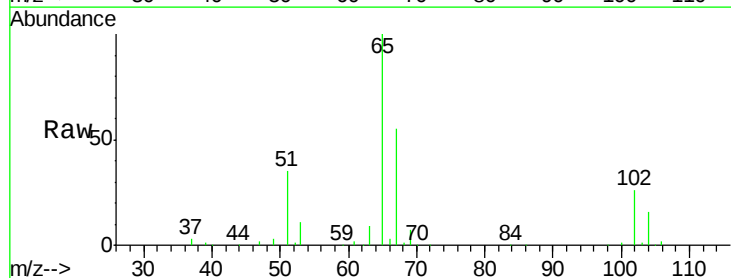
Ion	Ratio	Lower	Upper
84	100		
49	107.2	93.4	140.2
51	32.6	26.6	40.0
86	60.9	52.2	78.2

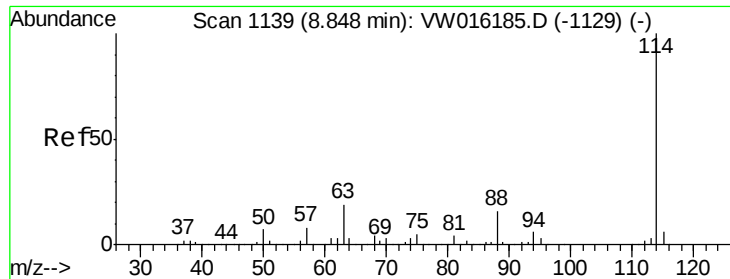


#33
1,2-Dichloroethane-d4
Concen: 53.034 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016290.D
Acq: 21 Aug 2020 04:08

Tgt Ion: 65 Resp: 111743

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.6

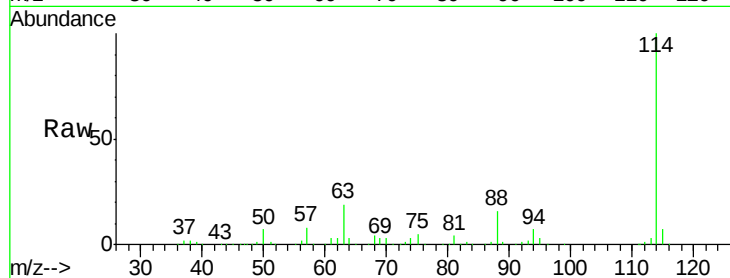




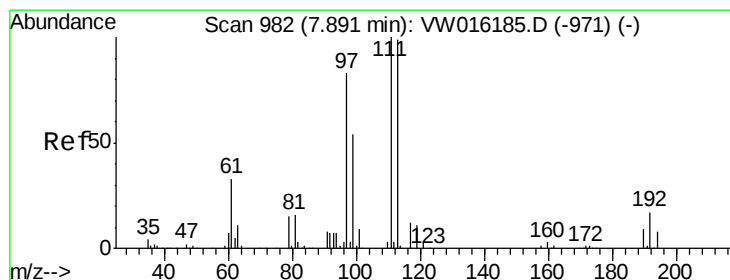
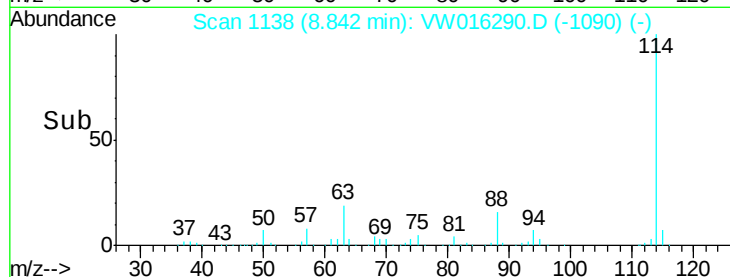
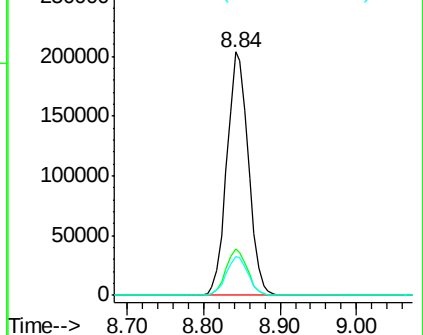
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016290.D
Acq: 21 Aug 2020 04:08

Instrument :
MSVOA_W
ClientSampleId :
MP-081920-B11-0-2-GRAB

Tot Ion:114 Resp: 394930
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 16.1 0.0 32.8

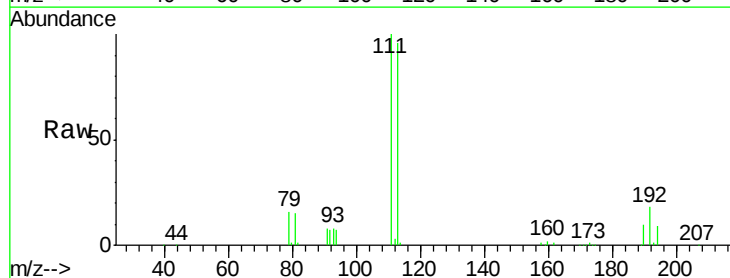


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

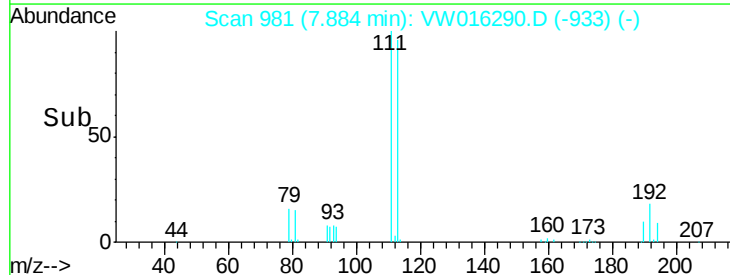
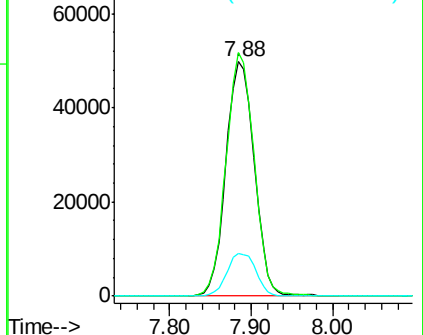


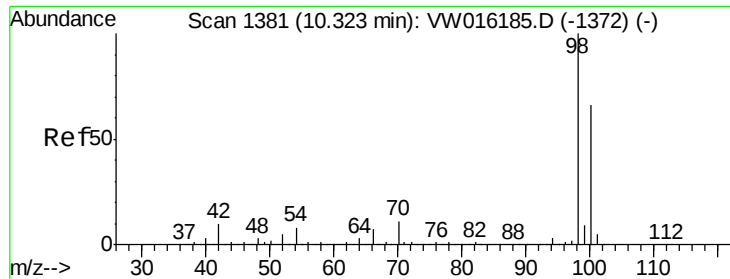
#35
Dibromofluoromethane
Concen: 49.118 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW016290.D
Acq: 21 Aug 2020 04:08

Tgt Ion:113 Resp: 119689
Ion Ratio Lower Upper
113 100
111 102.1 83.5 125.3
192 18.7 14.3 21.5



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: 52.630 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016290.D

Acq: 21 Aug 2020 04:08

Instrument :

MSVOA_W

ClientSampleId :

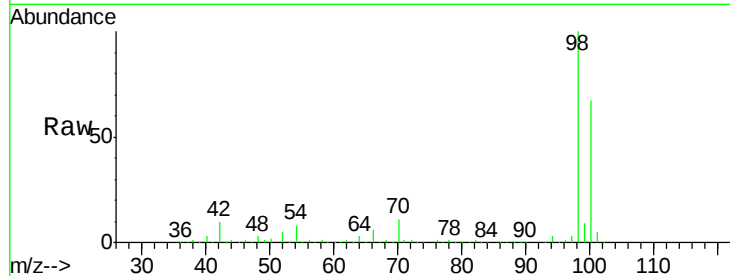
MP-081920-B11-0-2-GRAB

Tot Ion: 98 Resp: 496417

Ion Ratio Lower Upper

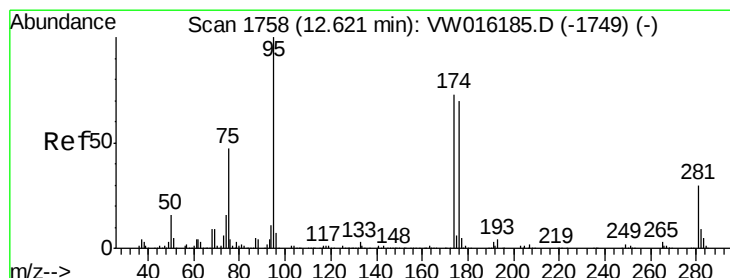
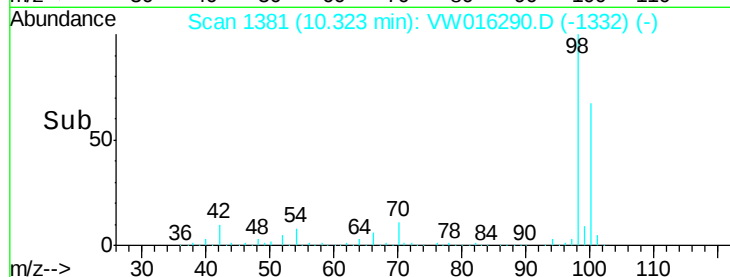
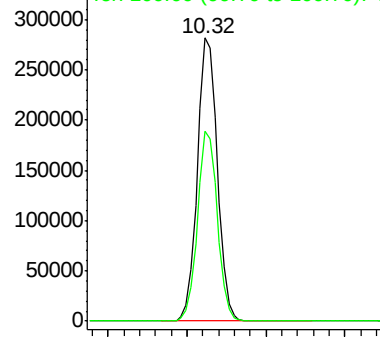
98 100

100 66.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 50.243 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016290.D

Acq: 21 Aug 2020 04:08

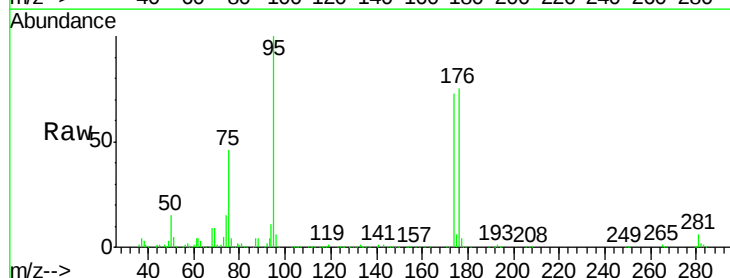
Tgt Ion: 95 Resp: 169400

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.6

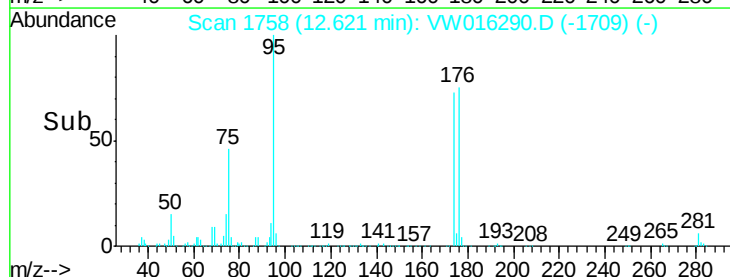
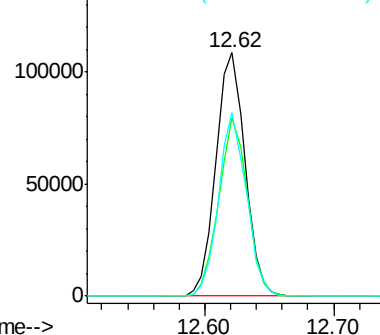
176 71.8 0.0 137.8

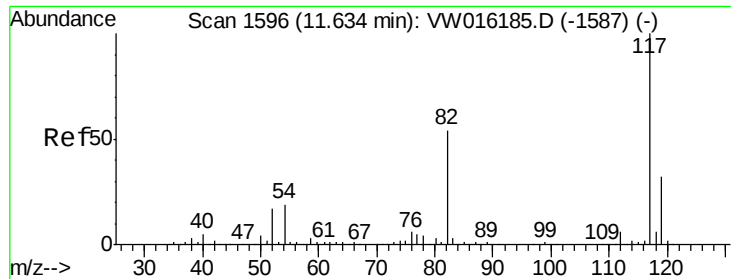


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

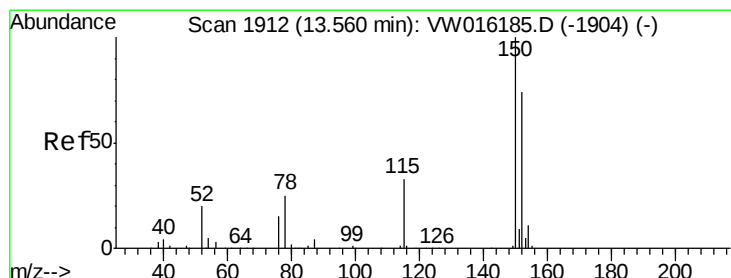
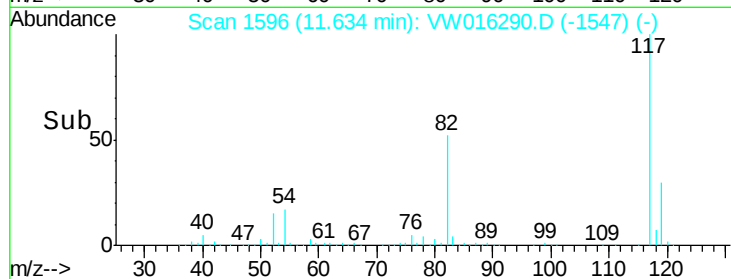
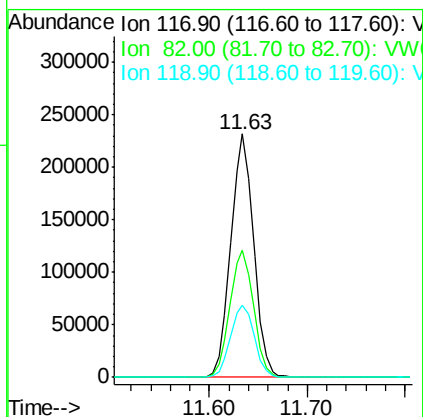
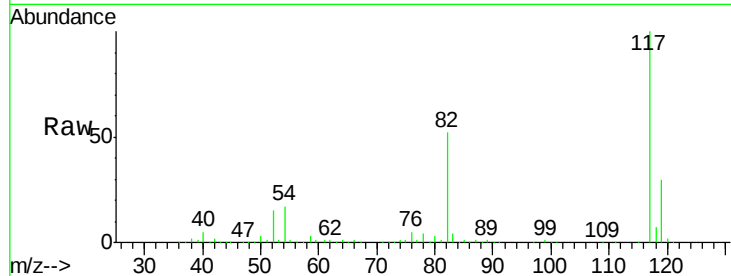




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016290.D
Acq: 21 Aug 2020 04:08

Instrument :
MSVOA_W
ClientSampleId :
MP-081920-B11-0-2-GRAB

Tot Ion:117 Resp: 376083
Ion Ratio Lower Upper
117 100
82 52.3 43.6 65.4
119 29.5 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: VW016290.D
Acq: 21 Aug 2020 04:08

Tgt Ion:152 Resp: 146973
Ion Ratio Lower Upper
152 100
115 63.0 30.9 92.5
150 159.6 0.0 337.8

