

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016291.D
 Acq On : 21 Aug 2020 04:34
 Operator : SY/VA
 Sample : L3720-06
 Misc : 6.20G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Aug 21 05:18:50 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

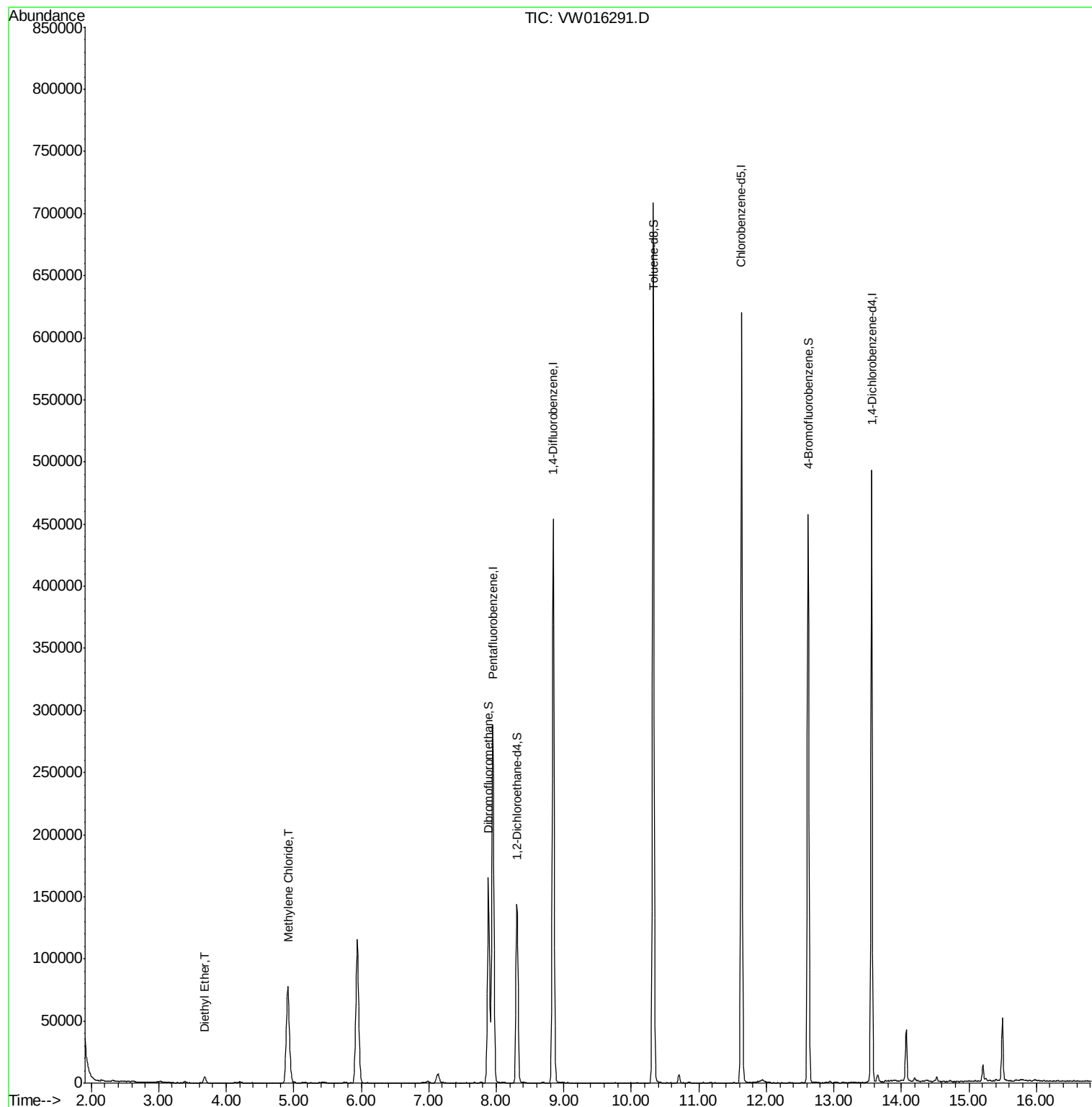
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	116131	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	7.89	113	122635	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.33	98	498937	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.62	95	160254	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
8) Diethyl Ether	3.68	74	3030	2.657	ug/l	98
20) Methylene Chloride	4.91	84	65757	22.906	ug/l	95

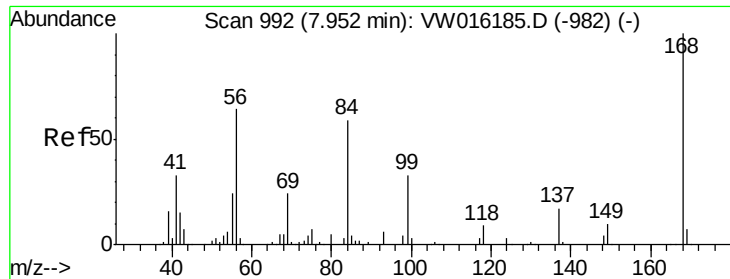
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

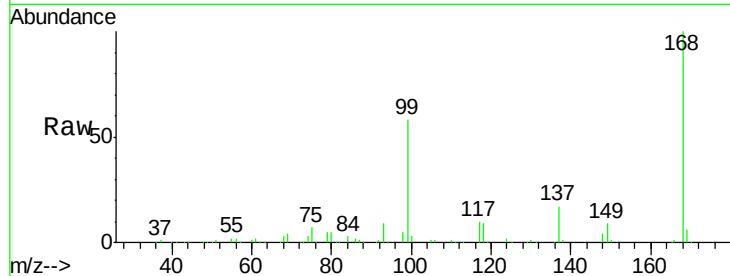
MP-081920-BD-0-2-GRAB

Tot Ion:168 Resp: 221482

Ion Ratio Lower Upper

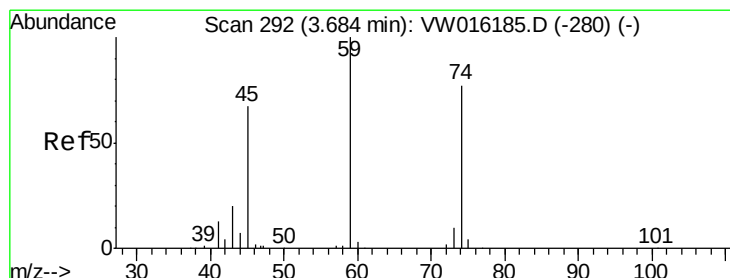
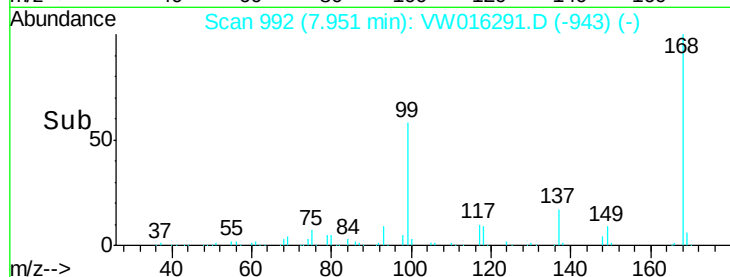
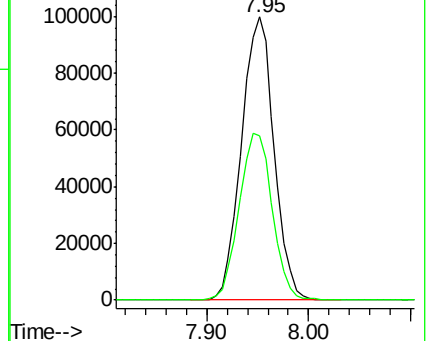
168 100

99 57.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.657 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW016291.D

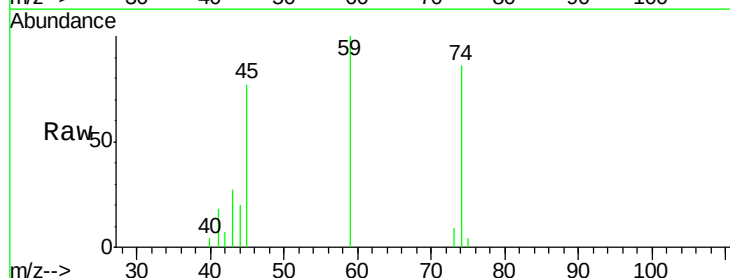
Acq: 21 Aug 2020 04:34

Tgt Ion: 74 Resp: 3030

Ion Ratio Lower Upper

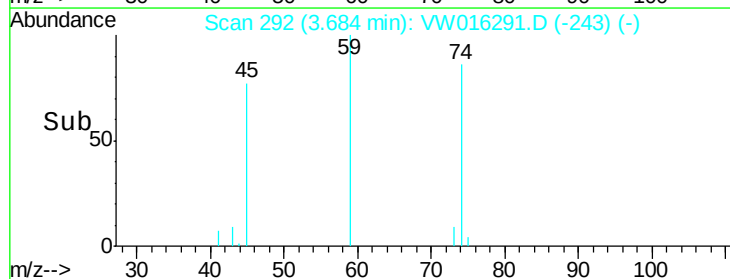
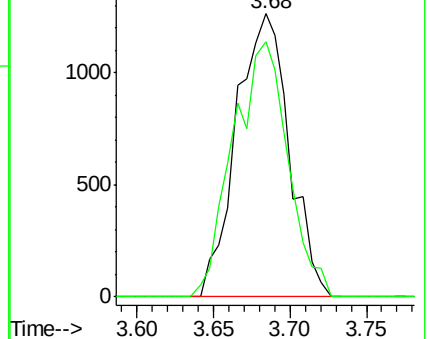
74 100

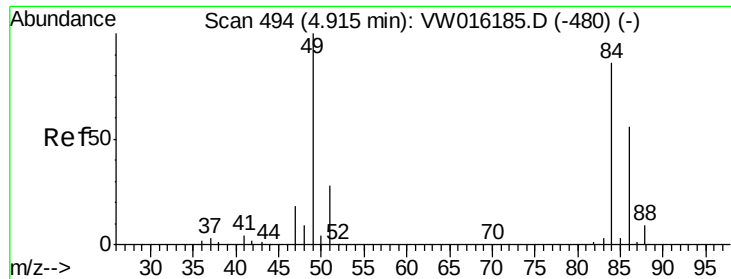
45 93.3 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

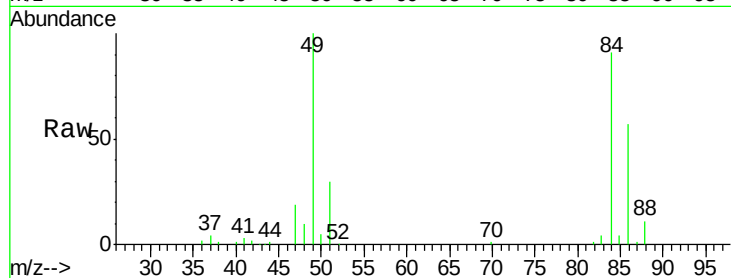




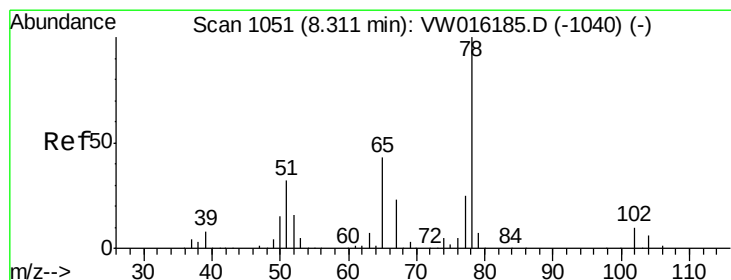
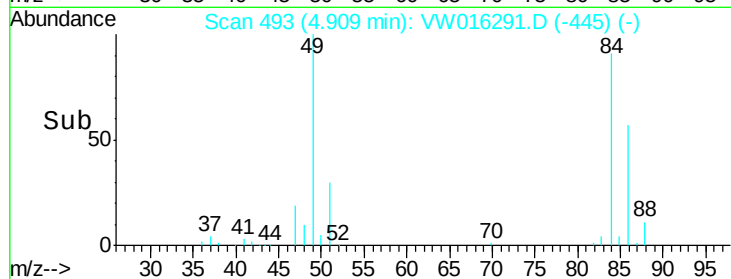
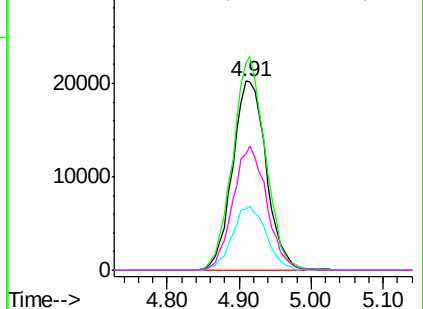
#20
Methylene Chloride
Concen: 22.906 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016291.D
Acq: 21 Aug 2020 04:34

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

Tot Ion:	84	Resp:	65757
Ion	Ratio	Lower	Upper
84	100		
49	109.5	93.4	140.2
51	32.5	26.6	40.0
86	61.9	52.2	78.2

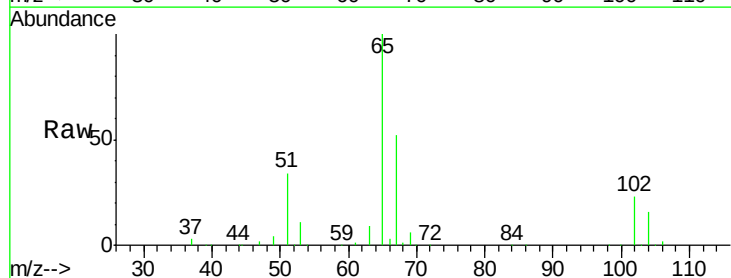


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

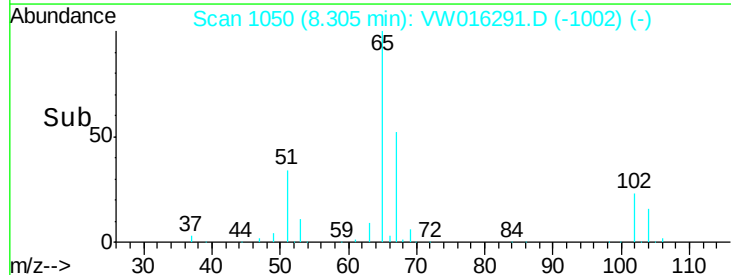
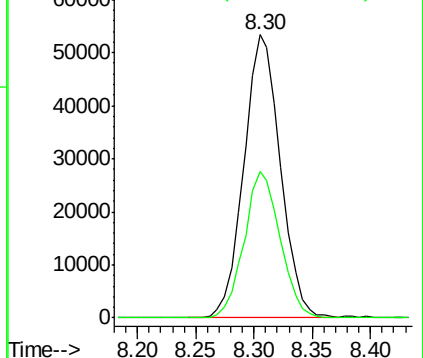


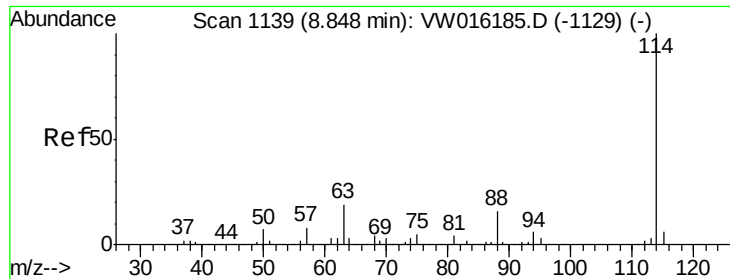
#33
1,2-Dichloroethane-d4
Concen: 53.767 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016291.D
Acq: 21 Aug 2020 04:34

Tgt Ion:	65	Resp:	116131
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

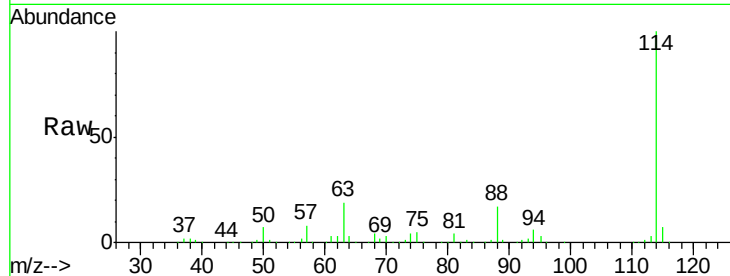




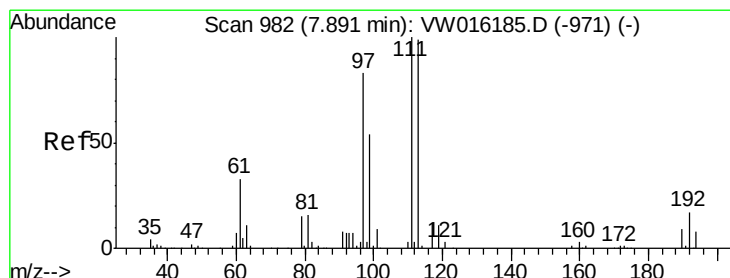
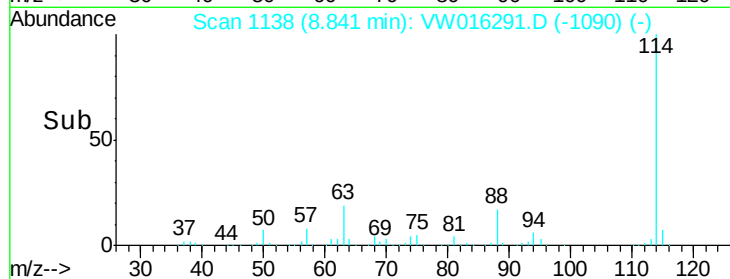
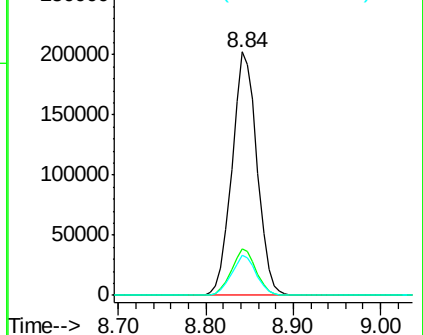
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016291.D
 Acq: 21 Aug 2020 04:34

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

Tot Ion:114 Resp: 402708
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 16.6 0.0 32.8

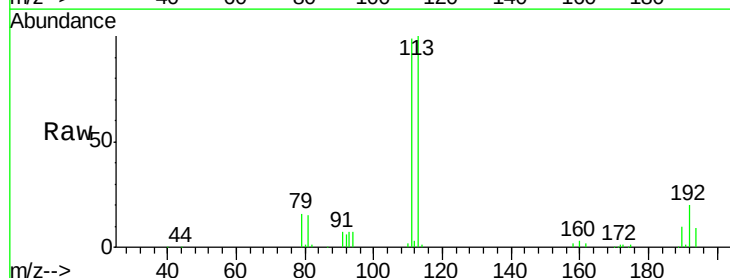


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

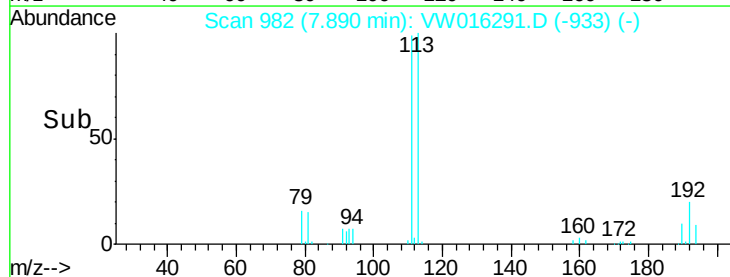
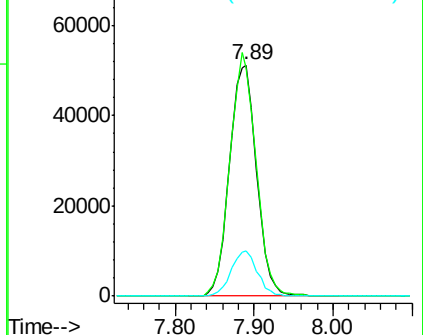


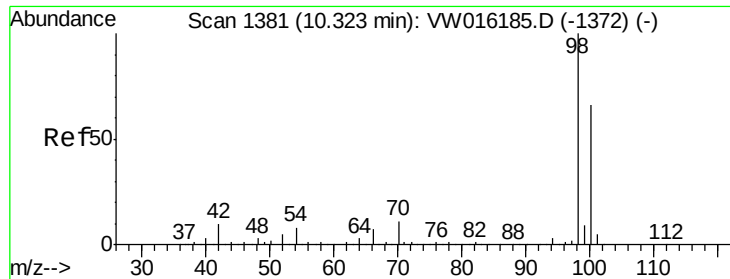
#35
 Dibromofluoromethane
 Concen: 49.355 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW016291.D
 Acq: 21 Aug 2020 04:34

Tgt Ion:113 Resp: 122635
 Ion Ratio Lower Upper
 113 100
 111 101.6 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: 51.875 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016291.D

Acq: 21 Aug 2020 04:34

Instrument :

MSVOA_W

ClientSampleId :

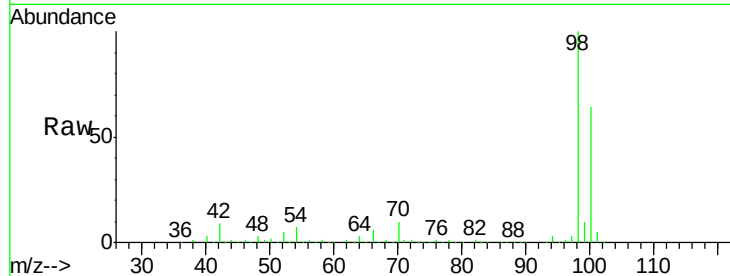
MP-081920-BD-0-2-GRAB

Tot Ion: 98 Resp: 498937

Ion Ratio Lower Upper

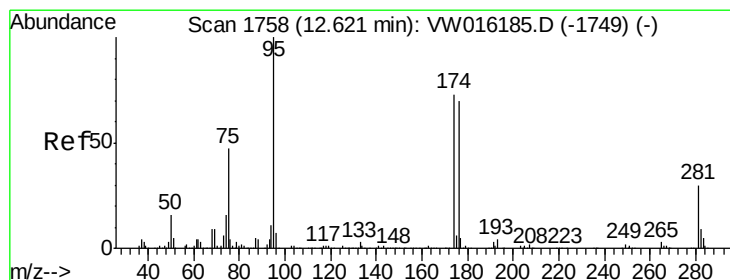
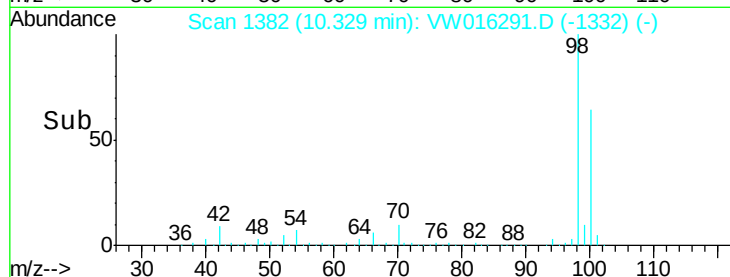
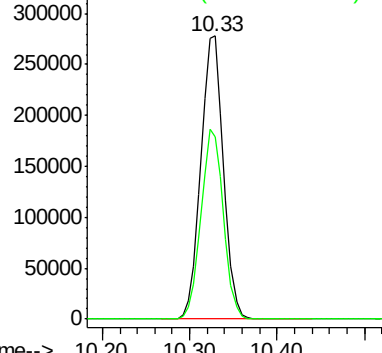
98 100

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: 46.613 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016291.D

Acq: 21 Aug 2020 04:34

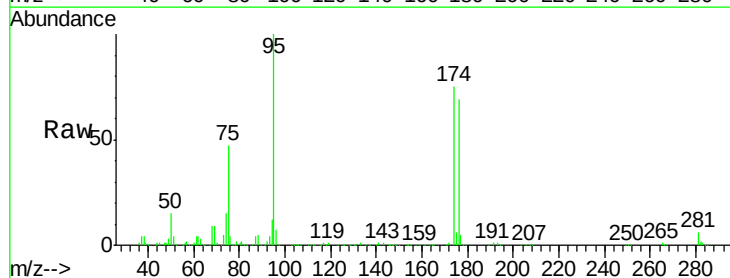
Tgt Ion: 95 Resp: 160254

Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.6

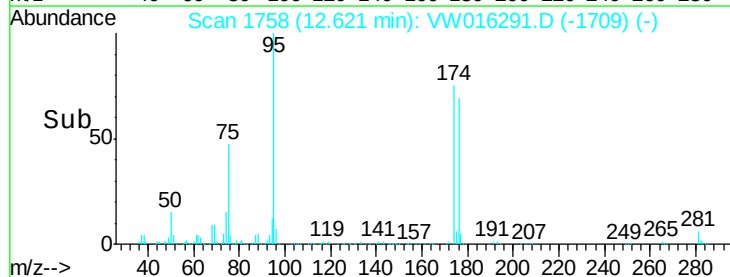
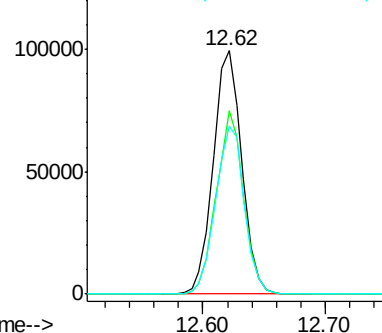
176 69.8 0.0 137.8

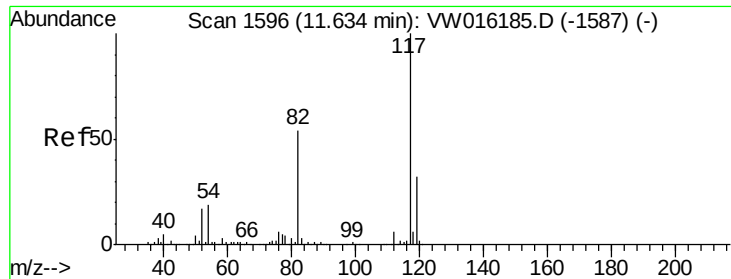


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

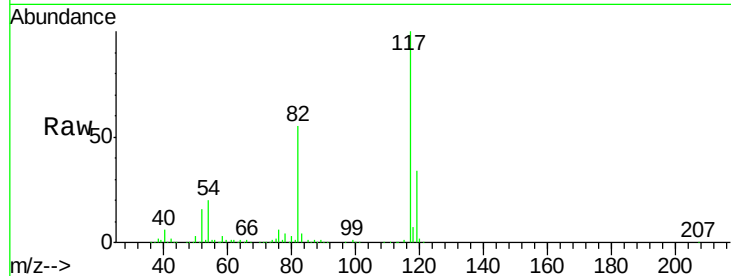




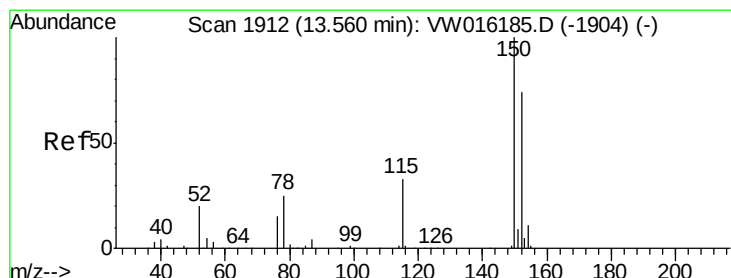
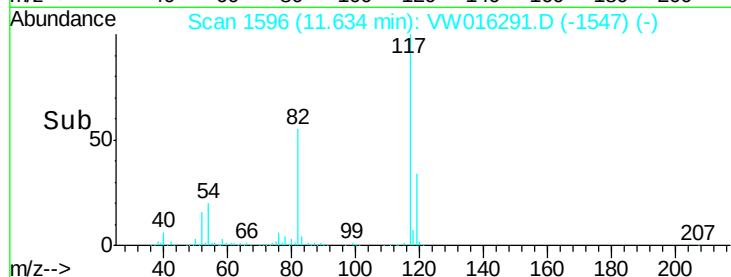
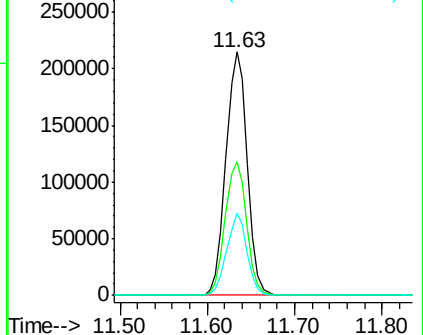
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016291.D
Acq: 21 Aug 2020 04:34

Instrument :
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MP-081920-BD-0-2-GRAB

Tot Ion:117 Resp: 361358
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 34.0 25.4 38.0

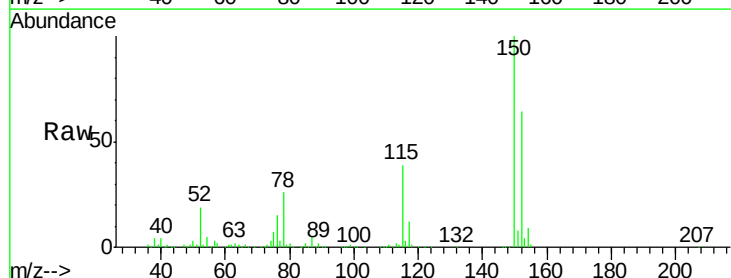


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016291.D
Acq: 21 Aug 2020 04:34

Tgt Ion:152 Resp: 133920
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.5
150 151.8 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

