

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016292.D
 Acq On : 21 Aug 2020 04:59
 Operator : SY/VA
 Sample : L3720-08
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MP-081920-B9-0-2-GRAB

Quant Time: Aug 21 08:18:10 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

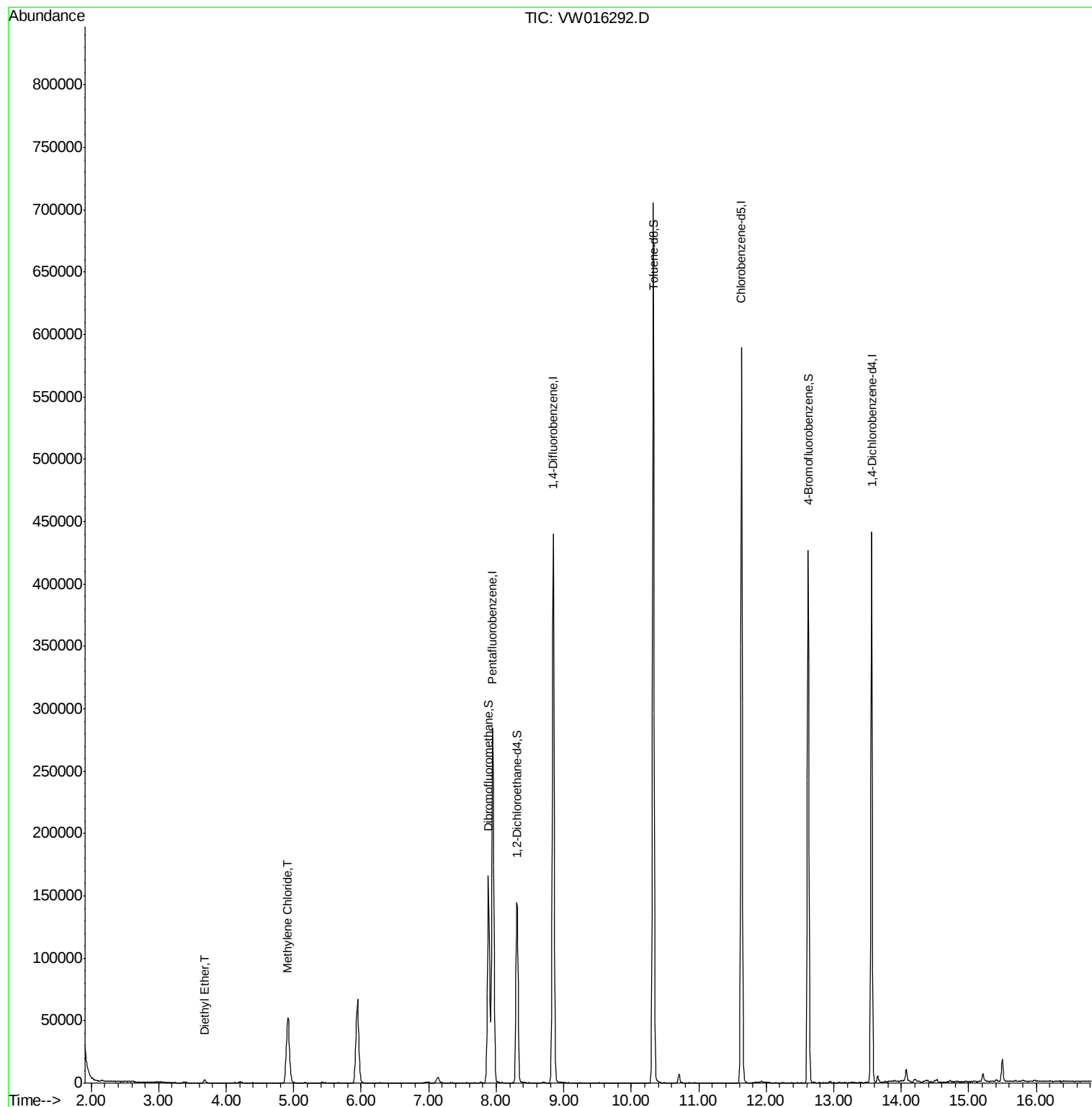
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115572	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
35) Dibromofluoromethane	7.88	113	123210	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.32	98	488995	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.62	95	151057	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
8) Diethyl Ether	3.68	74	1457	1.323	ug/l	96
20) Methylene Chloride	4.91	84	44152	14.253	ug/l	95

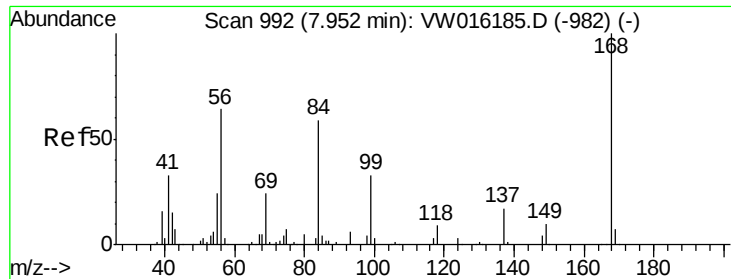
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

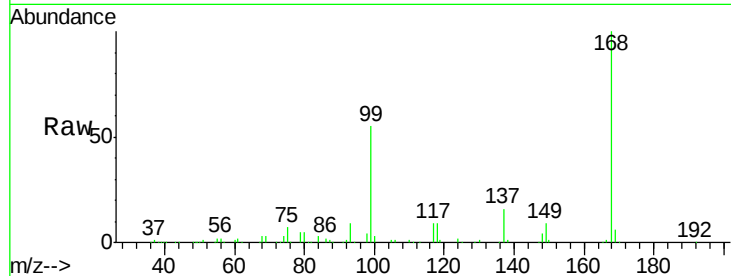
MP-081920-B9-0-2-GRAB

Tot Ion:168 Resp: 213909

Ion Ratio Lower Upper

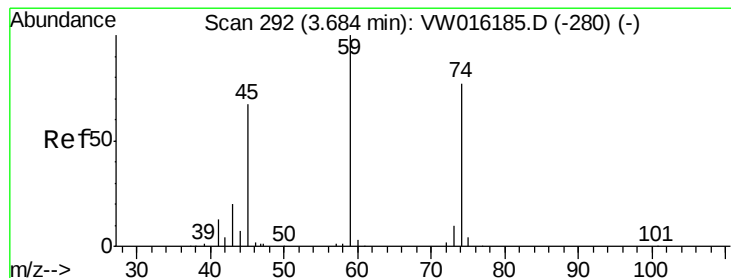
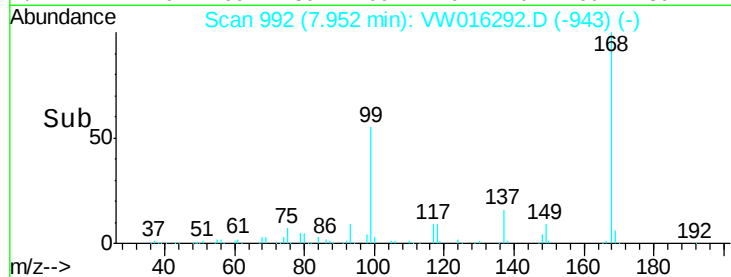
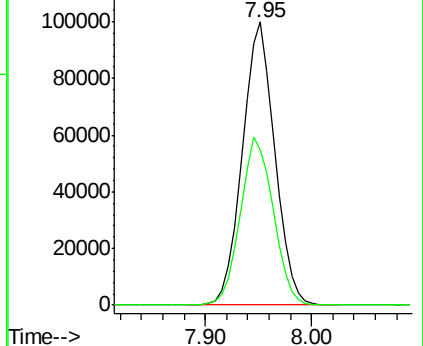
168 100

99 54.8 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: 1.323 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW016292.D

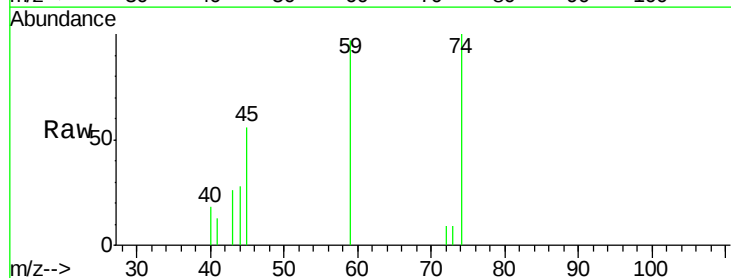
Acq: 21 Aug 2020 04:59

Tgt Ion: 74 Resp: 1457

Ion Ratio Lower Upper

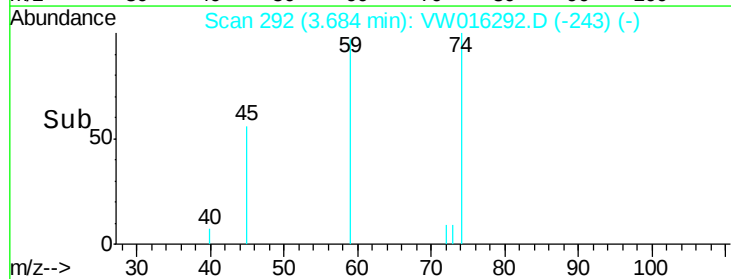
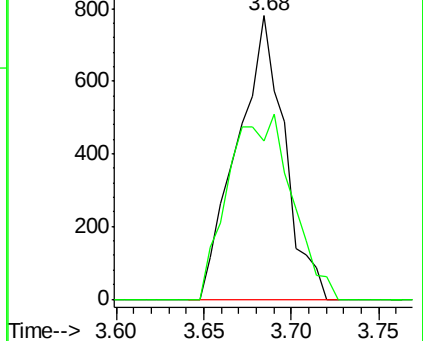
74 100

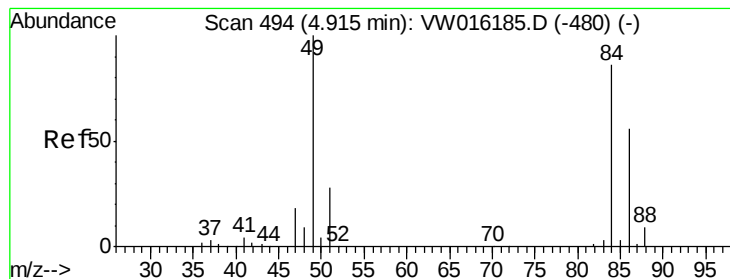
45 88.3 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#20

Methylene Chloride

Concen: 14.253 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016292.D

Acq: 21 Aug 2020 04:59

Instrument :

MSVOA_W

ClientSampleId :

MP-081920-B9-0-2-GRAB

Tot Ion: 84 Resp: 44152

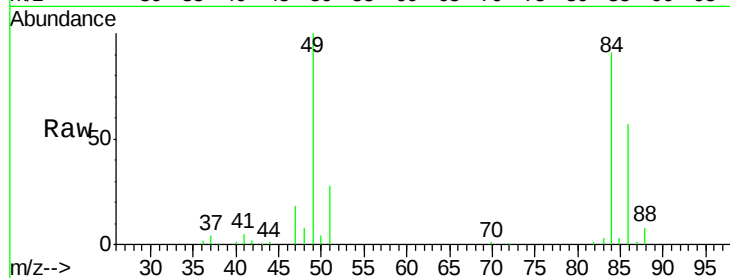
Ion Ratio Lower Upper

84 100

49 109.9 93.4 140.2

51 31.1 26.6 40.0

86 62.5 52.2 78.2

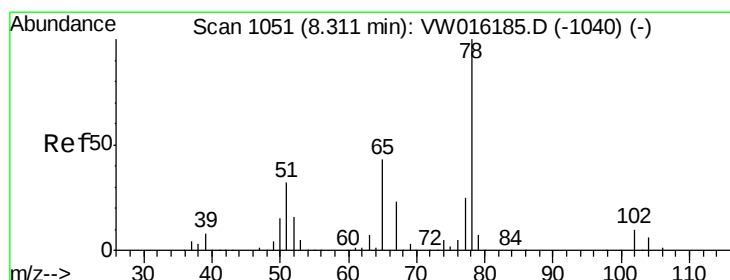
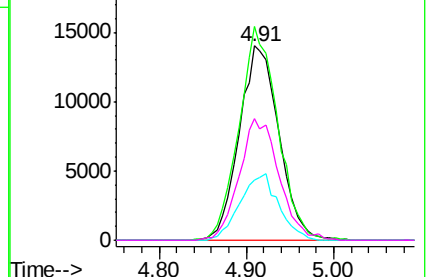
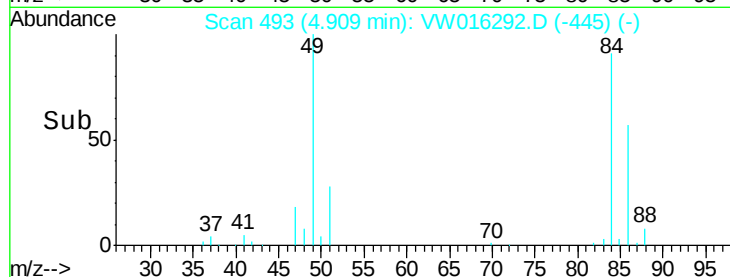


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 55.403 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016292.D

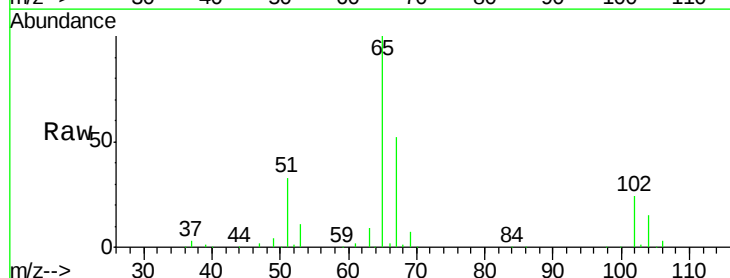
Acq: 21 Aug 2020 04:59

Tgt Ion: 65 Resp: 115572

Ion Ratio Lower Upper

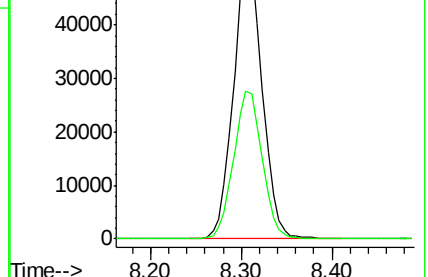
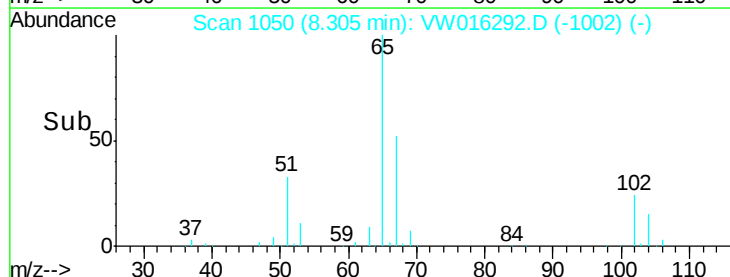
65 100

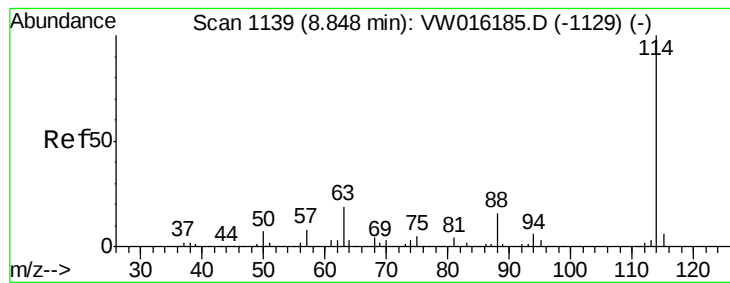
67 52.2 0.0 105.6



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW016292.D

Acq: 21 Aug 2020 04:59

Instrument :

MSVOA_W

ClientSampleId :

MP-081920-B9-0-2-GRAB

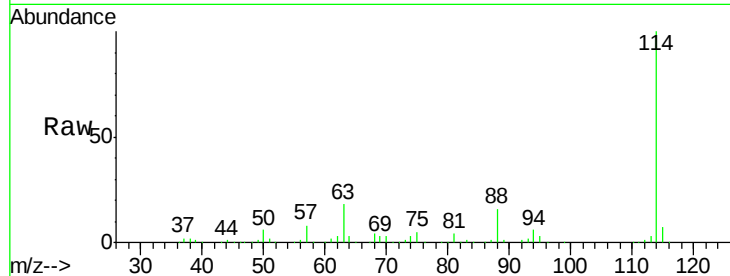
Tot Ion:114 Resp: 395916

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

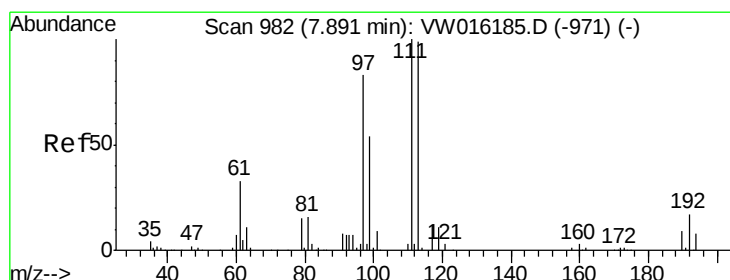
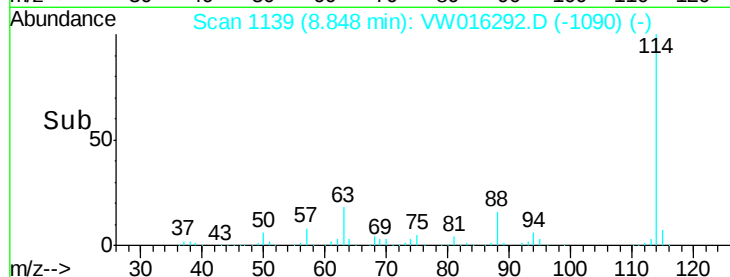
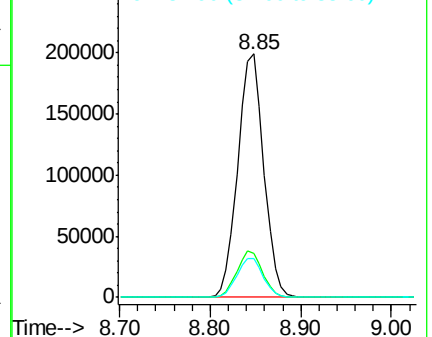
88 15.7 0.0 32.8



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: 50.437 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016292.D

Acq: 21 Aug 2020 04:59

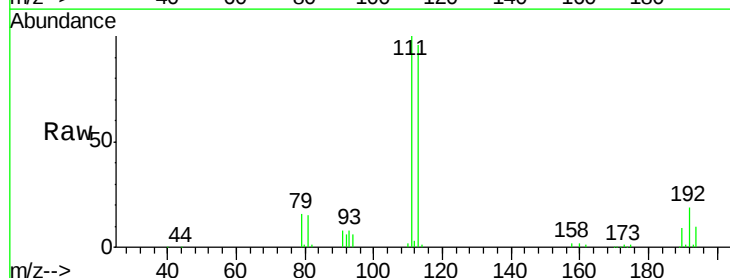
Tgt Ion:113 Resp: 123210

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

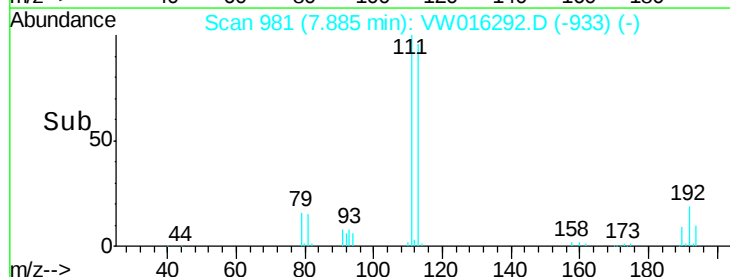
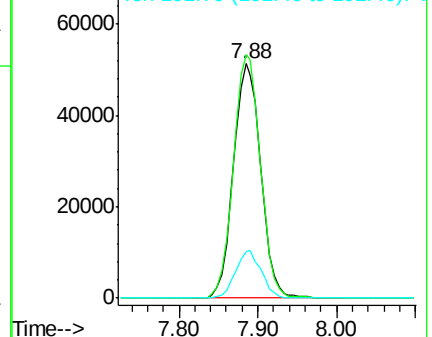
192 19.1 14.3 21.5

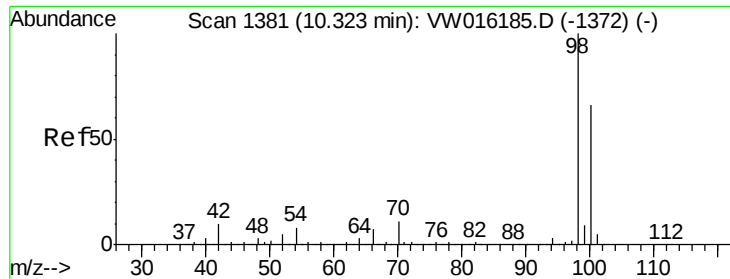


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.714 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016292.D

Acq: 21 Aug 2020 04:59

Instrument :

MSVOA_W

ClientSampleId :

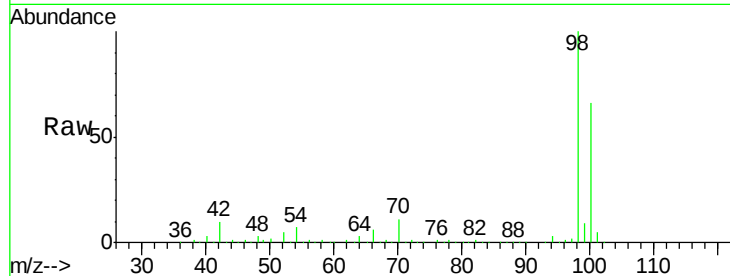
MP-081920-B9-0-2-GRAB

Tot Ion: 98 Resp: 488995

Ion Ratio Lower Upper

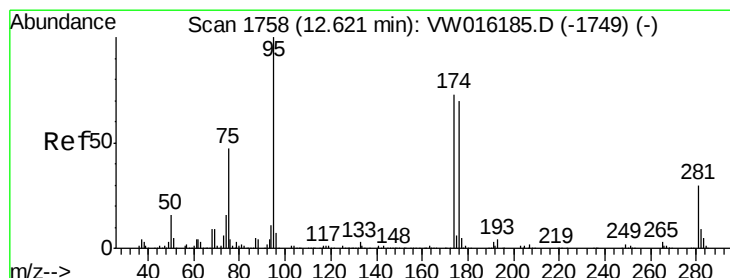
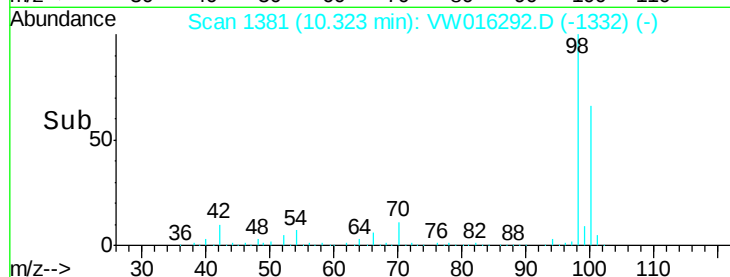
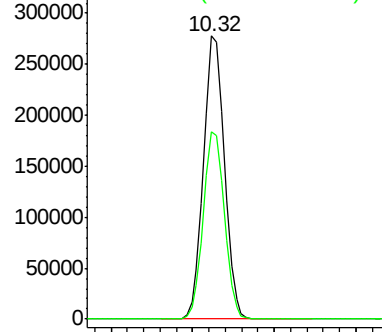
98 100

100 66.9 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: 44.691 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016292.D

Acq: 21 Aug 2020 04:59

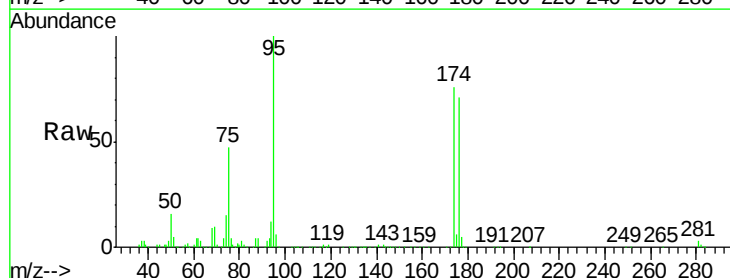
Tgt Ion: 95 Resp: 151057

Ion Ratio Lower Upper

95 100

174 71.6 0.0 145.6

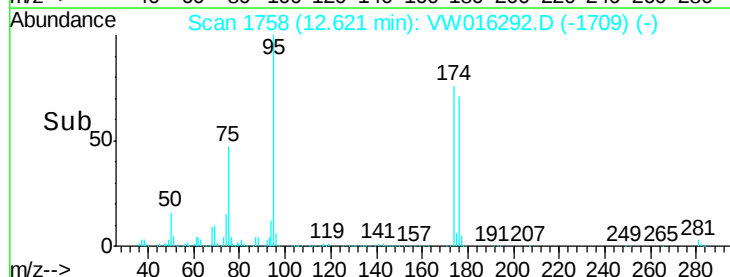
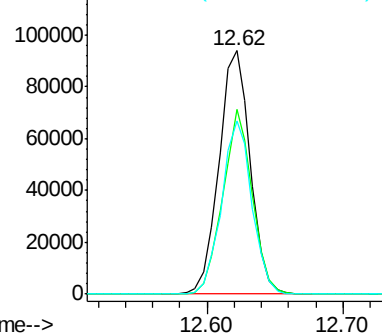
176 69.6 0.0 137.8

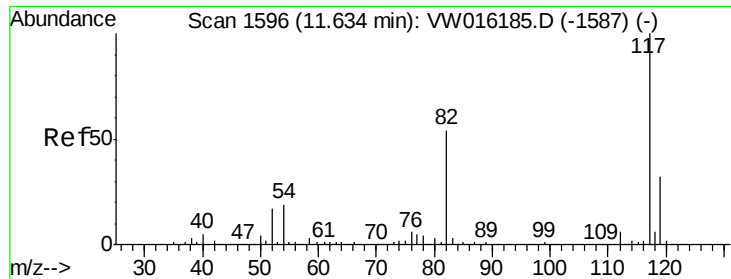


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

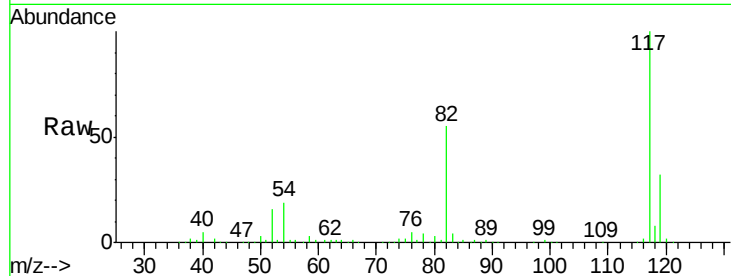




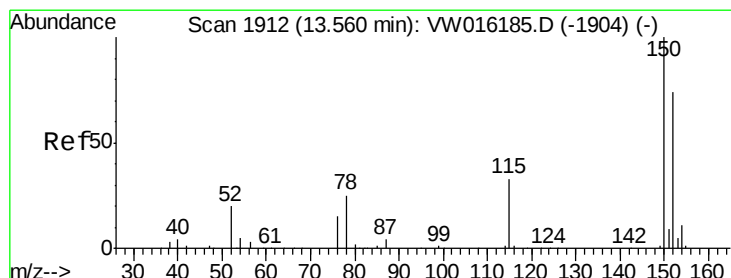
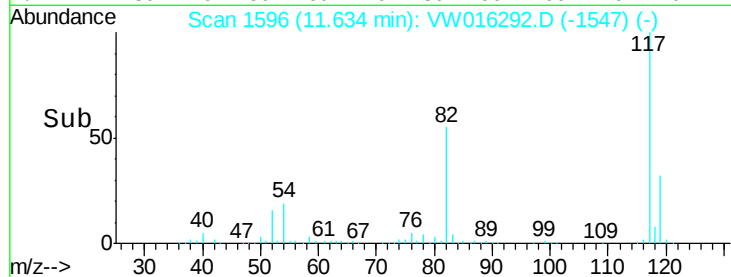
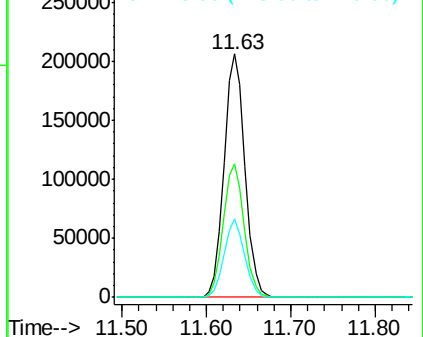
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016292.D
Acq: 21 Aug 2020 04:59

Instrument :
MSVOA_W
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MP-081920-B9-0-2-GRAB

Tot Ion:117 Resp: 350200
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 32.2 25.4 38.0

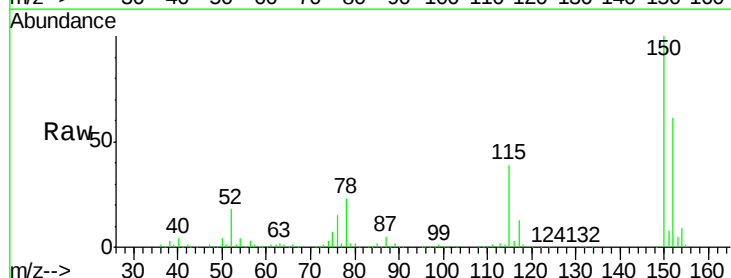


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016292.D
Acq: 21 Aug 2020 04:59

Tgt Ion:152 Resp: 119138
Ion Ratio Lower Upper
152 100
115 62.6 30.9 92.5
150 154.8 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

