

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016305.D
 Acq On : 21 Aug 2020 14:55
 Operator : SY/VA
 Sample : L3746-05
 Misc : 7.20G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 212

Quant Time: Aug 22 06:35:05 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

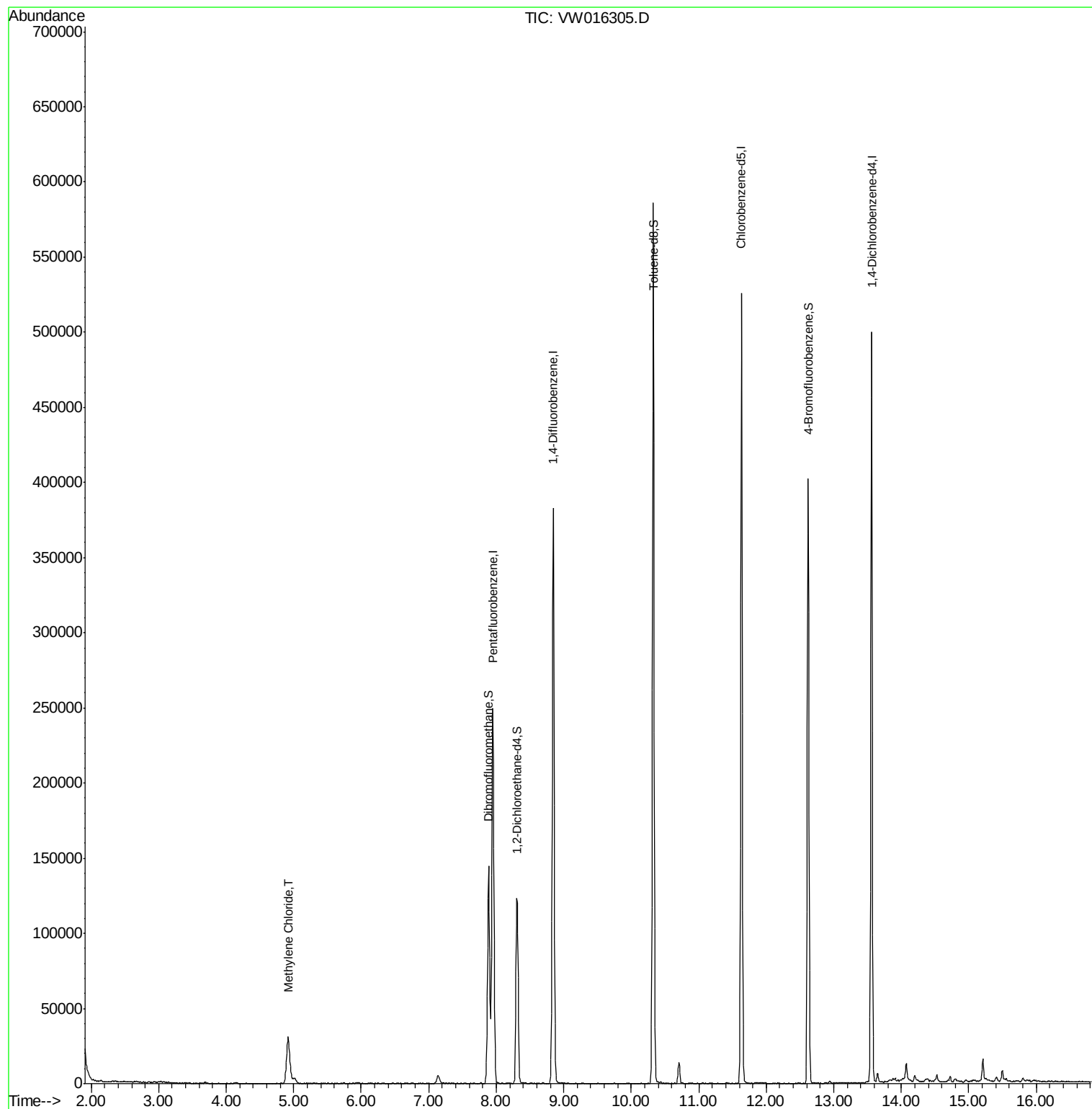
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99721	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
35) Dibromofluoromethane	7.89	113	104929	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	10.33	98	410424	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	141845	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
20) Methylene Chloride	4.92	84	28606	9.072	ug/l	Qvalue 95

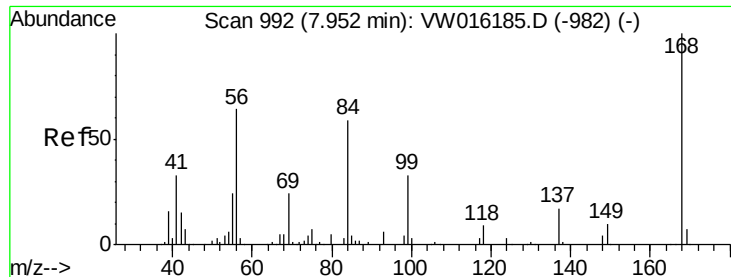
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082220\
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Quant Title : SW846 8260
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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: VW016305.D

Acq: 21 Aug 2020 14:55

Instrument :

MSVOA_W

ClientSampled :

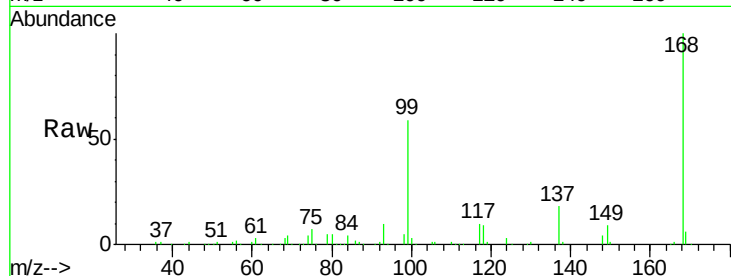
212

Tot Ion:168 Resp: 187927

Ion Ratio Lower Upper

168 100

99 58.6 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

80000

60000

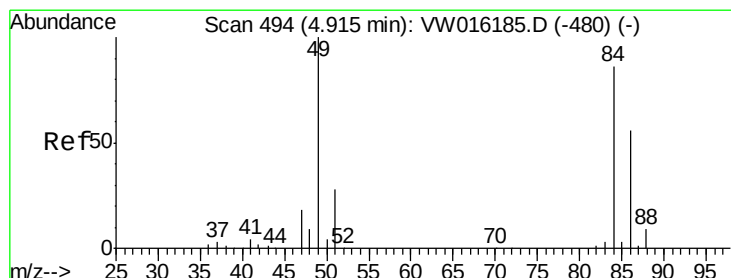
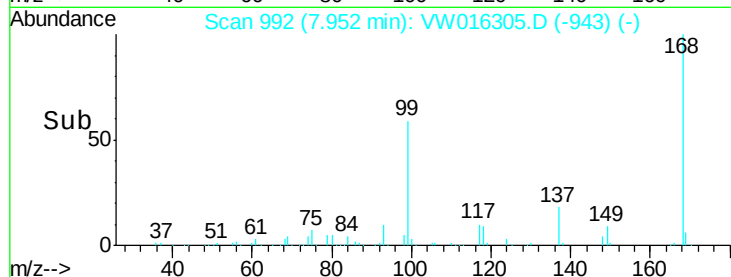
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 9.072 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016305.D

Acq: 21 Aug 2020 14:55

Tgt Ion: 84 Resp: 28606

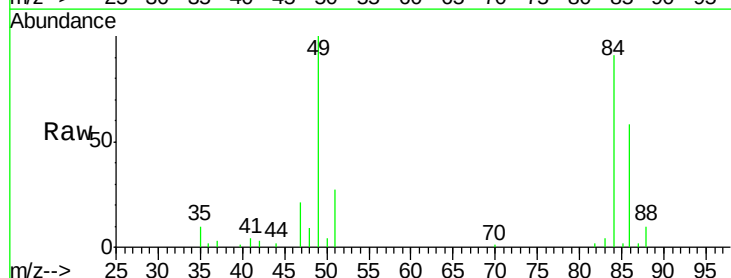
Ion Ratio Lower Upper

84 100

49 109.6 93.4 140.2

51 30.0 26.6 40.0

86 64.1 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

4.92

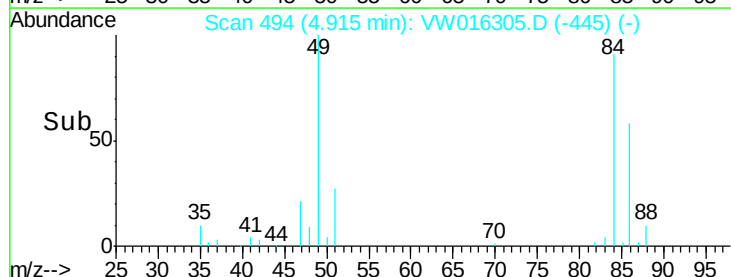
10000

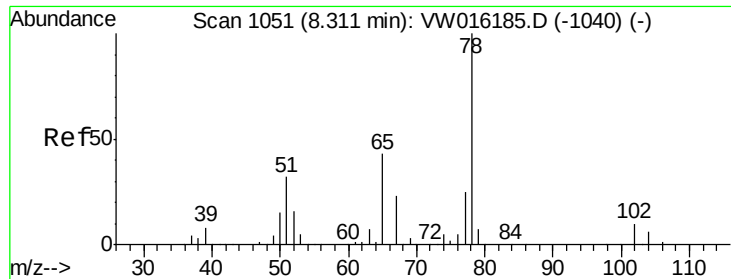
5000

0

4.80 4.90 5.00 5.10

Time-->

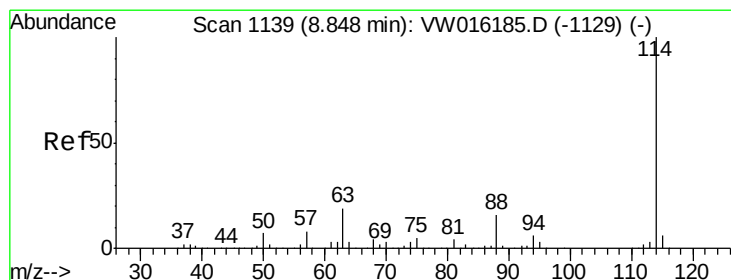
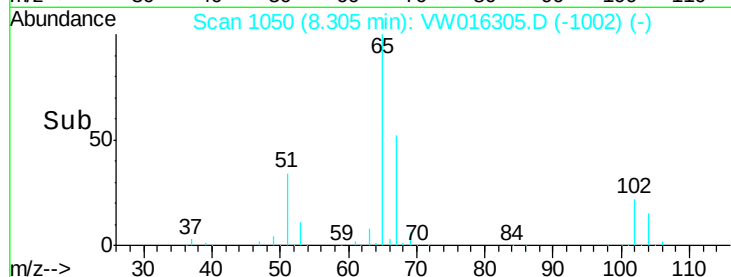
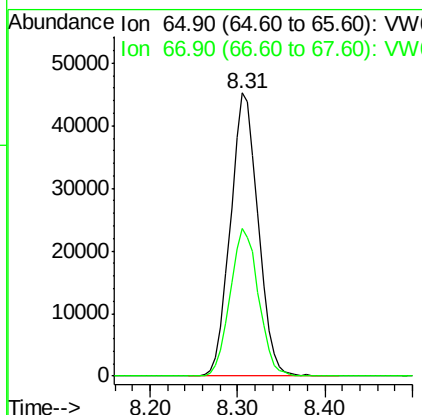
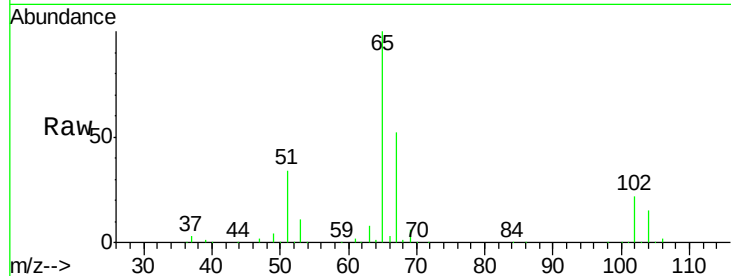




#33
 1,2-Dichloroethane-d4
 Concen: 54.413 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016305.D
 Acq: 21 Aug 2020 14:55

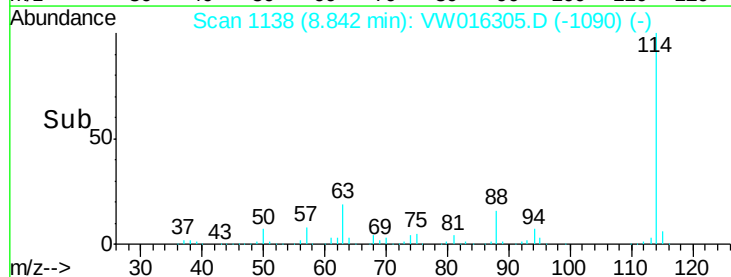
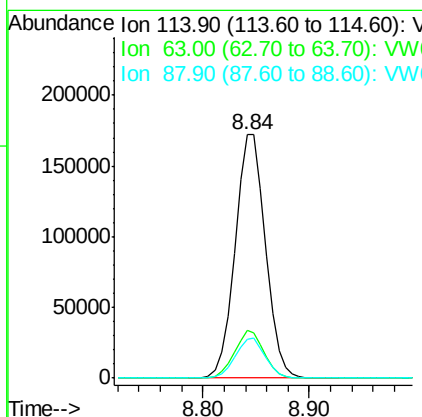
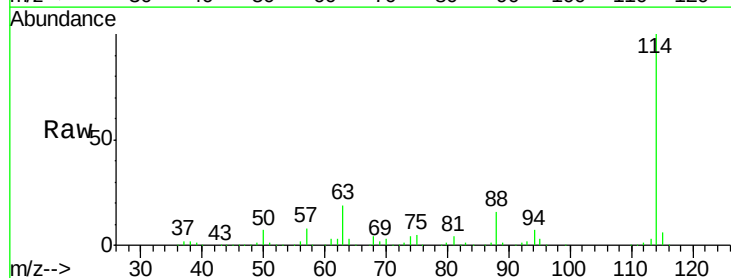
Instrument :
 MSVOA_W
 ClientSampled :
 212

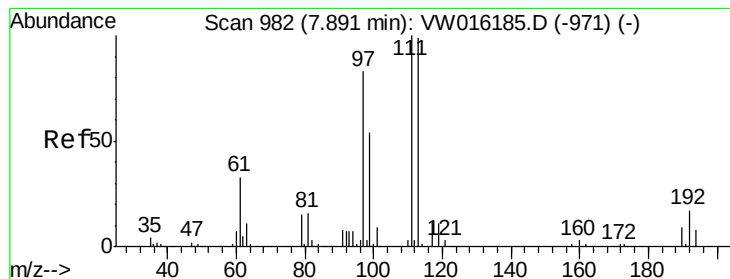
Tot Ion: 65 Resp: 99721
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016305.D
 Acq: 21 Aug 2020 14:55

Tgt Ion: 114 Resp: 344457
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.4
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.371 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW016305.D

Acq: 21 Aug 2020 14:55

Instrument :

MSVOA_W

ClientSampleId :

212

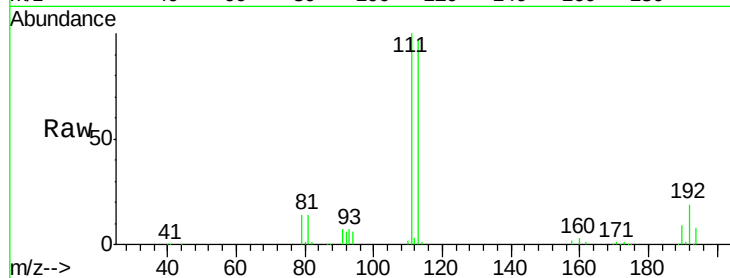
Tot Ion:113 Resp: 104929

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

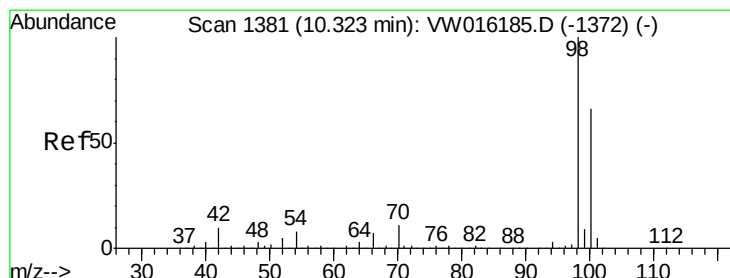
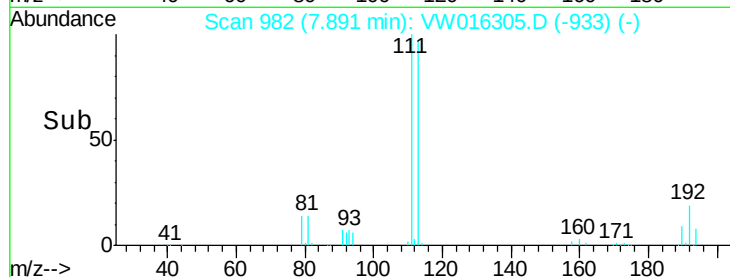
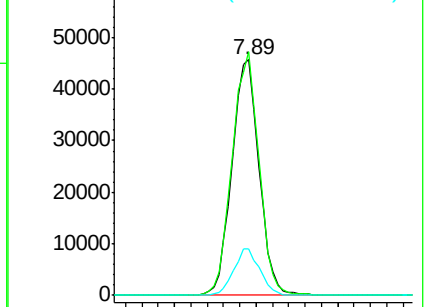
192 19.0 14.3 21.5



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: 49.889 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016305.D

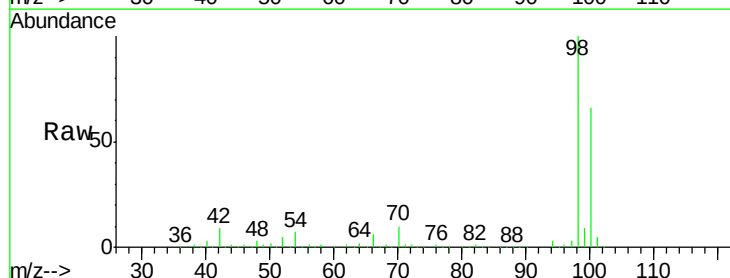
Acq: 21 Aug 2020 14:55

Tgt Ion: 98 Resp: 410424

Ion Ratio Lower Upper

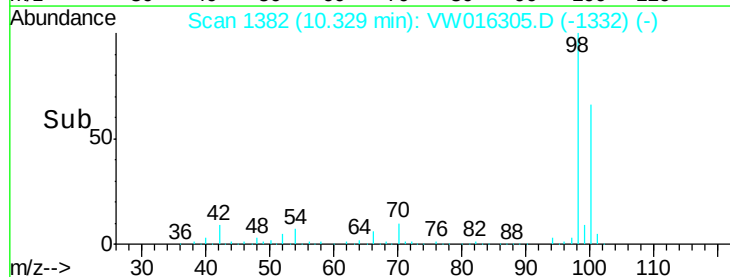
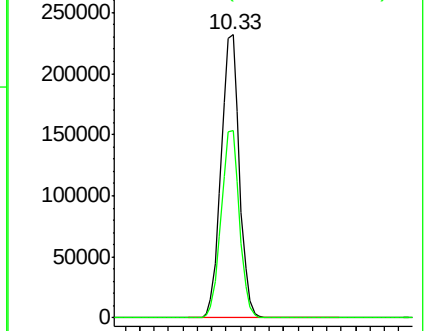
98 100

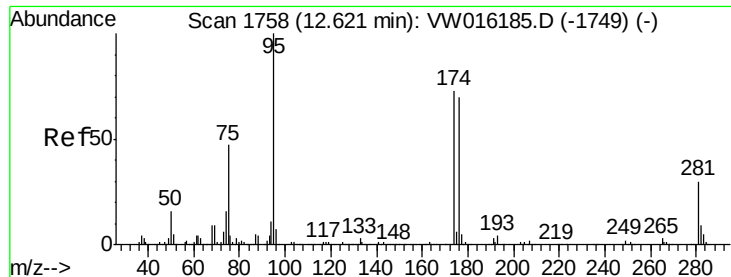
100 66.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

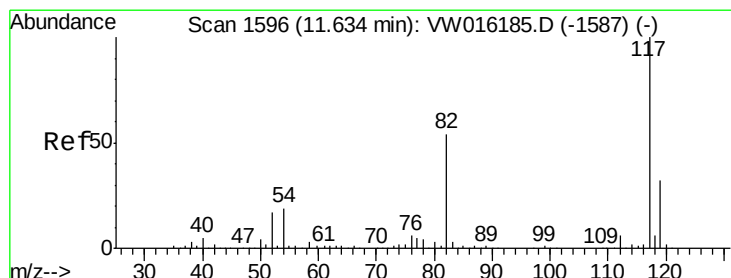
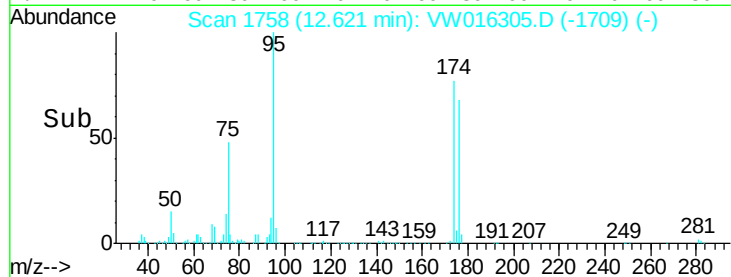
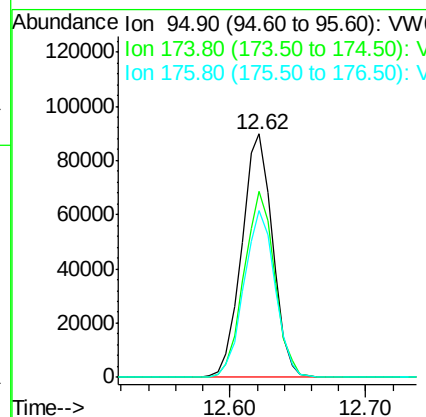
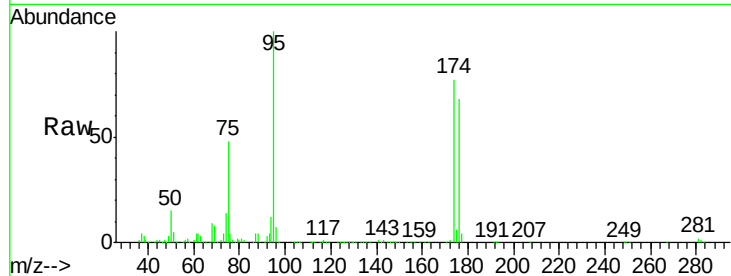




#62
4-Bromofluorobenzene
Concen: 48.235 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016305.D
Acq: 21 Aug 2020 14:55

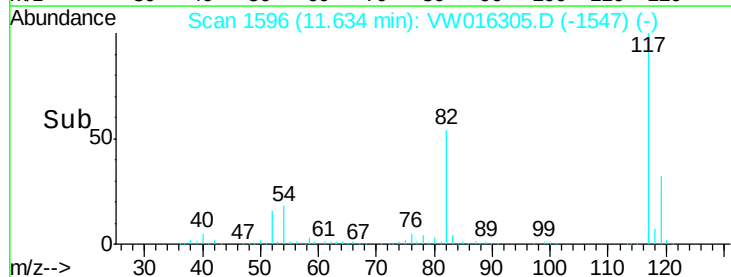
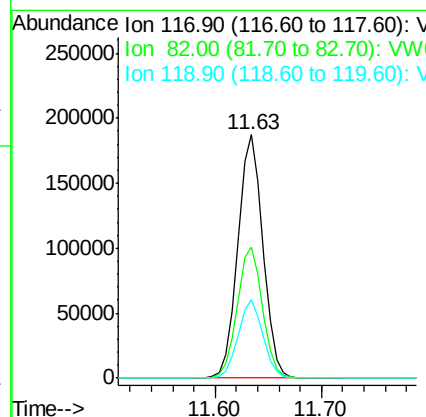
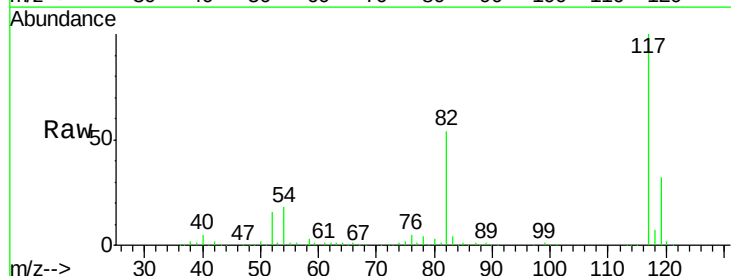
Instrument :
MSVOA_W
ClientSampleId :
212

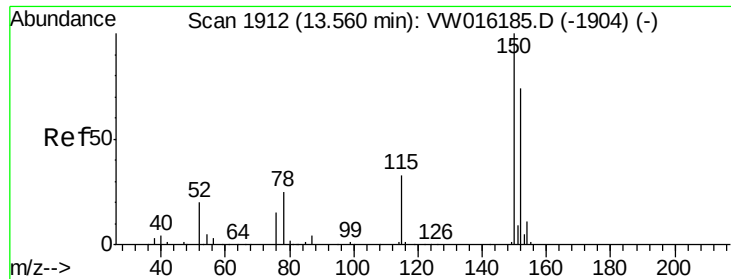
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	145.6
176	69.5	0.0	137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016305.D
Acq: 21 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.6	65.4
119	32.4	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: VW016305.D

Acq: 21 Aug 2020 14:55

Instrument :

MSVOA_W

ClientSampleId :

212

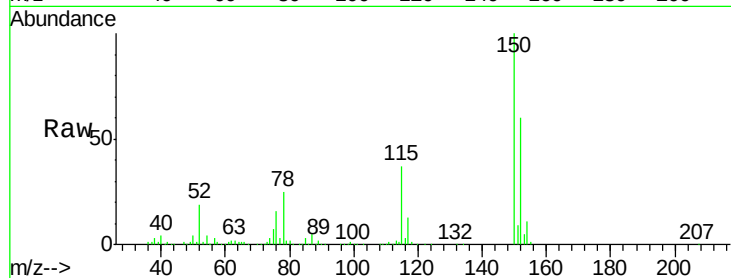
Tot Ion:152 Resp: 133583

Ion Ratio Lower Upper

152 100

115 62.6 30.9 92.5

150 161.6 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

