

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090120\
 Data File : VW016435.D
 Acq On : 01 Sep 2020 16:37
 Operator : SY/VA
 Sample : CON351242
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON351242

Quant Time: Sep 02 09:13:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

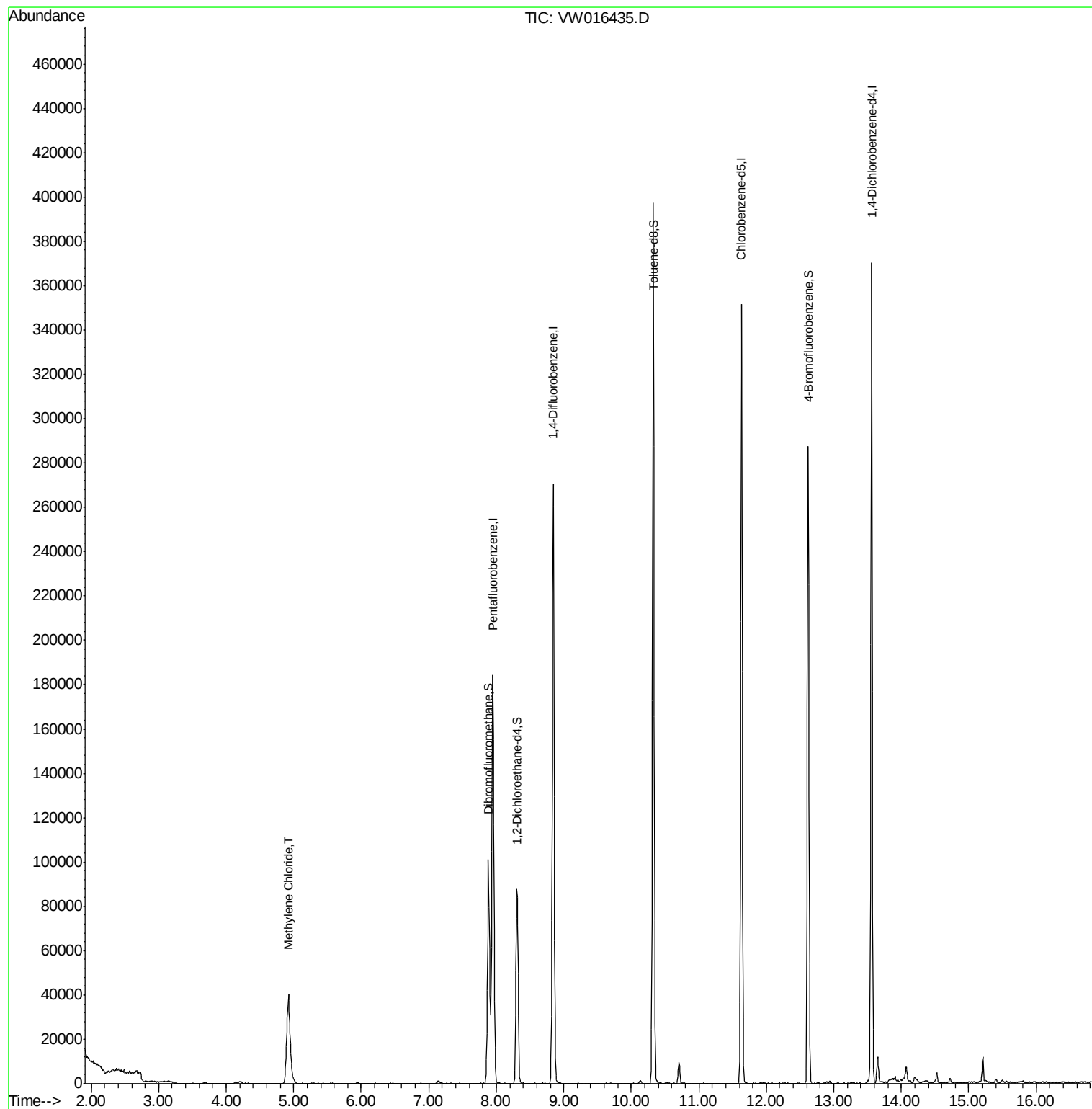
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	135057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	232246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	207581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75770	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
35) Dibromofluoromethane	7.88	113	73435	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.33	98	271250	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	96630	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
Target Compounds						
20) Methylene Chloride	4.92	84	39882	24.685	ug/l	Qvalue 98

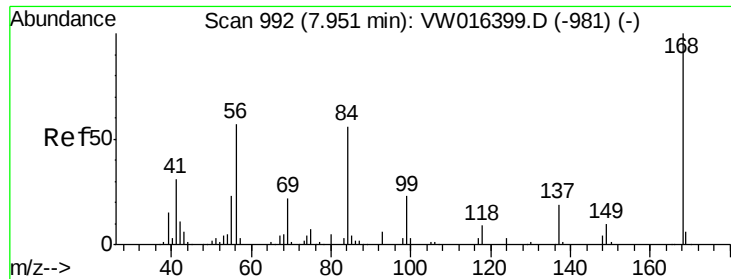
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW016435.D

Acq: 01 Sep 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

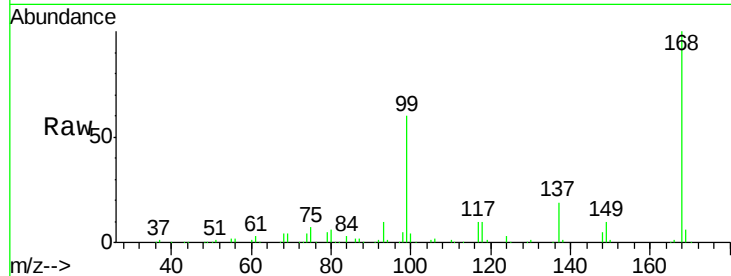
CON351242

Tot Ion:168 Resp: 135057

Ion Ratio Lower Upper

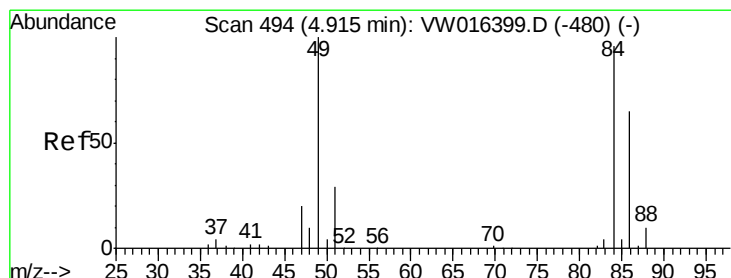
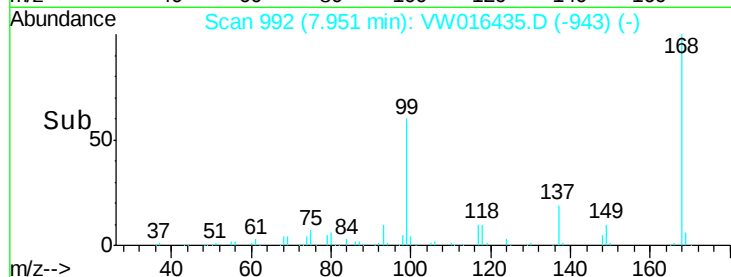
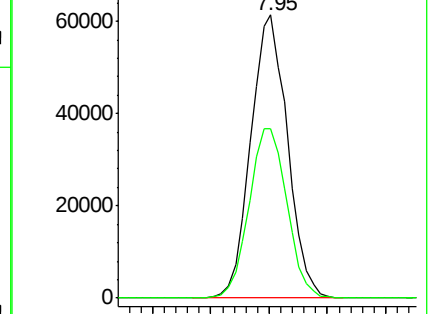
168 100

99 59.7 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 24.685 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016435.D

Acq: 01 Sep 2020 16:37

Tgt Ion: 84 Resp: 39882

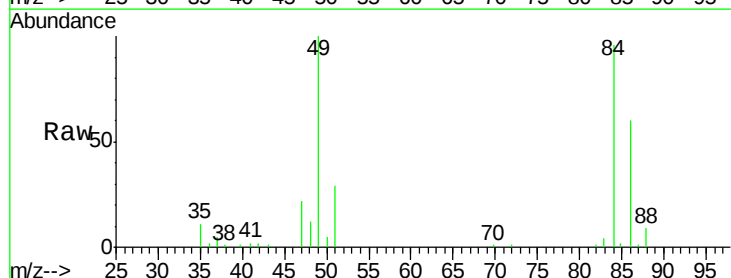
Ion Ratio Lower Upper

84 100

49 104.0 83.2 124.8

51 30.5 24.4 36.6

86 62.5 54.2 81.2

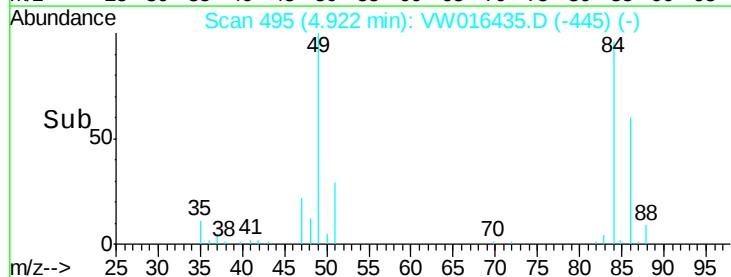
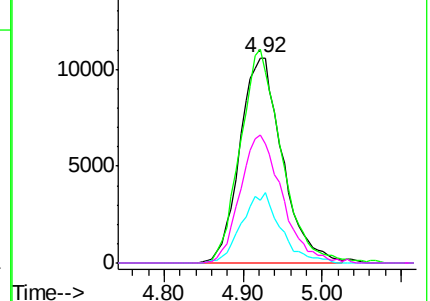


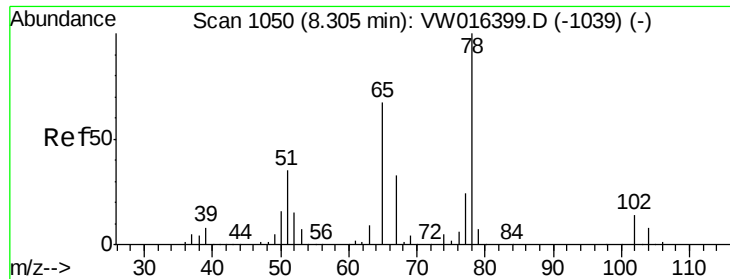
Abundance Ion 83.90 (83.60 to 84.60): VW

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

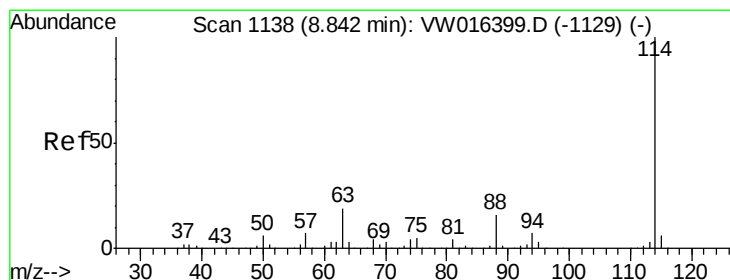
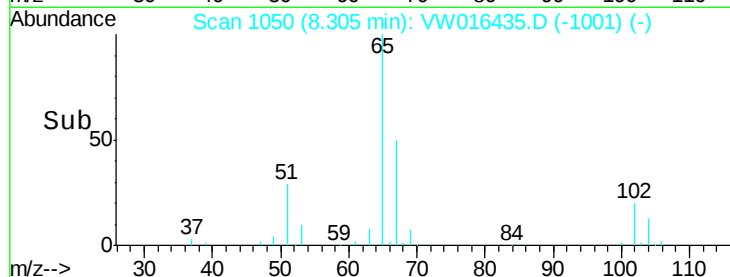
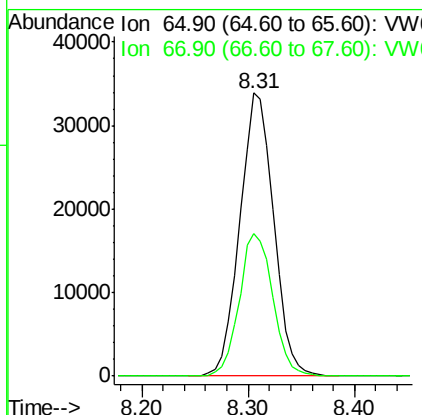
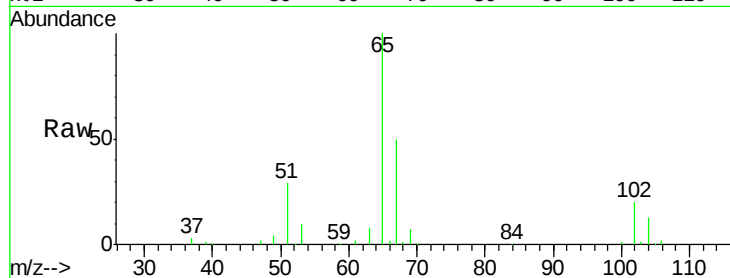




#33
 1,2-Dichloroethane-d4
 Concen: 56.044 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016435.D
 Acq: 01 Sep 2020 16:37

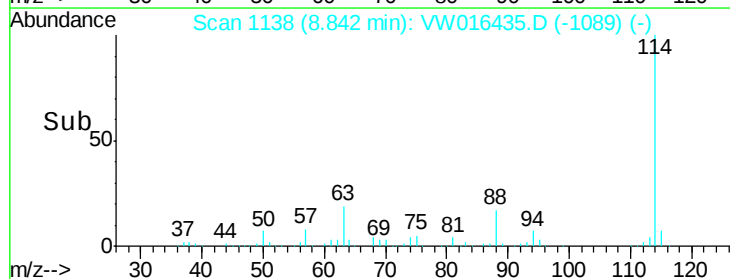
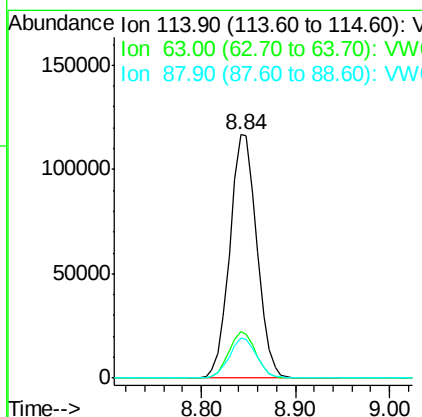
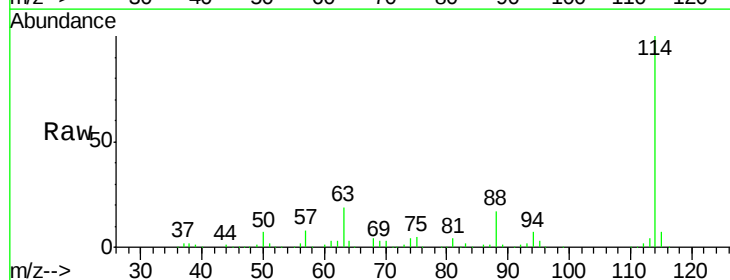
Instrument :
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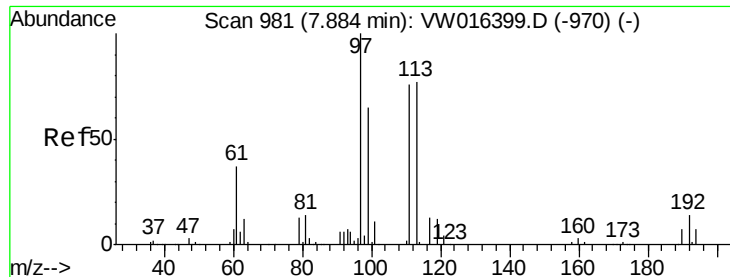
Tot Ion: 65 Resp: 75770
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016435.D
 Acq: 01 Sep 2020 16:37

Tgt Ion: 114 Resp: 232246
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 16.6 0.0 31.2

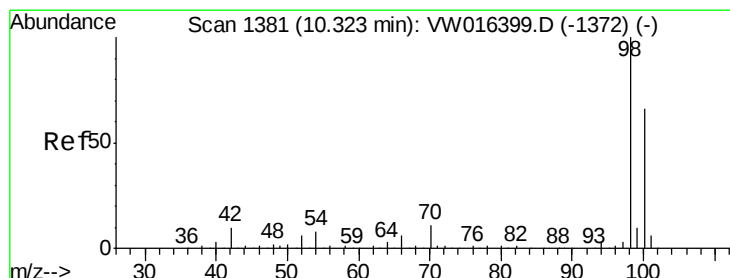
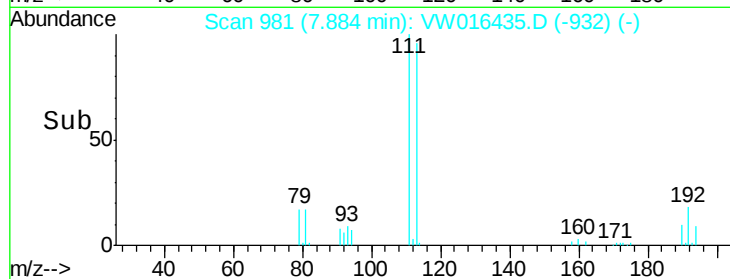
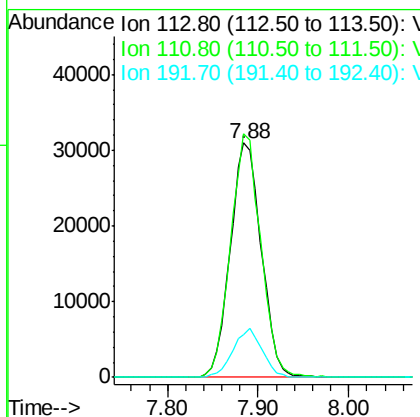
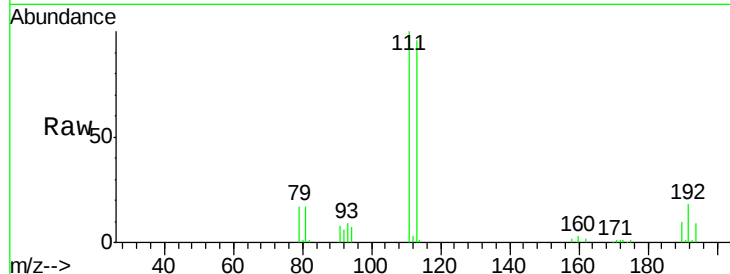




#35
 Dibromofluoromethane
 Concen: 49.954 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016435.D
 Acq: 01 Sep 2020 16:37

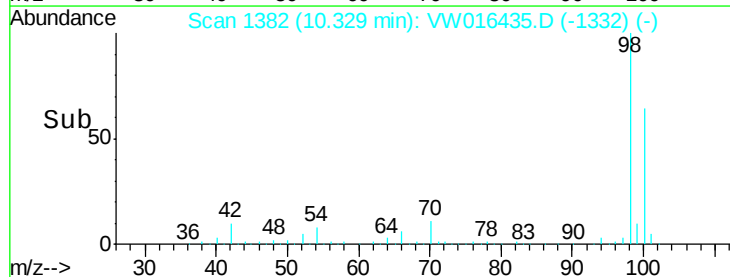
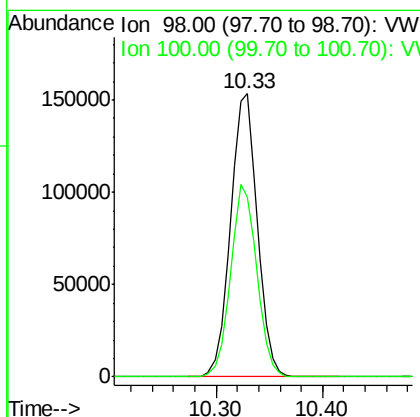
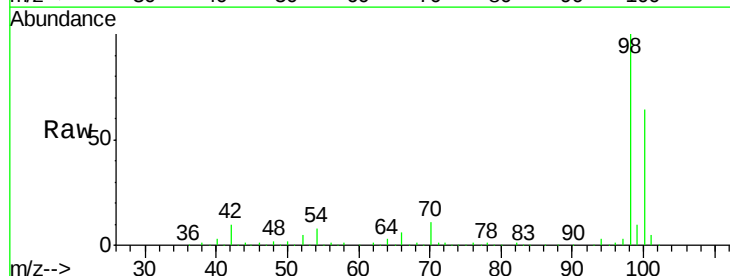
Instrument :
 MSVOA_W
 ClientSampleId :
 CON351242

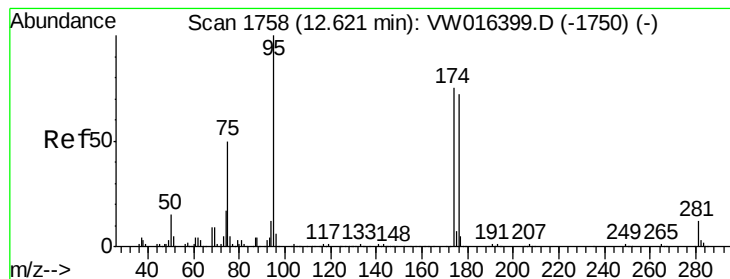
Tot Ion:113 Resp: 73435
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.1 123.1
 192 19.7 15.5 23.3



#50
 Toluene-d8
 Concen: 49.275 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VW016435.D
 Acq: 01 Sep 2020 16:37

Tgt Ion: 98 Resp: 271250
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 46.811 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016435.D

Acq: 01 Sep 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

CON351242

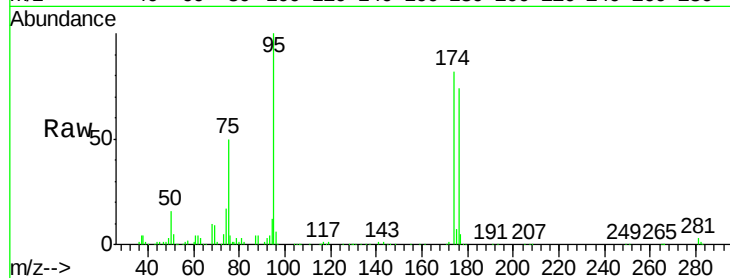
Tot Ion: 95 Resp: 96630

Ion Ratio Lower Upper

95 100

174 80.6 0.0 152.0

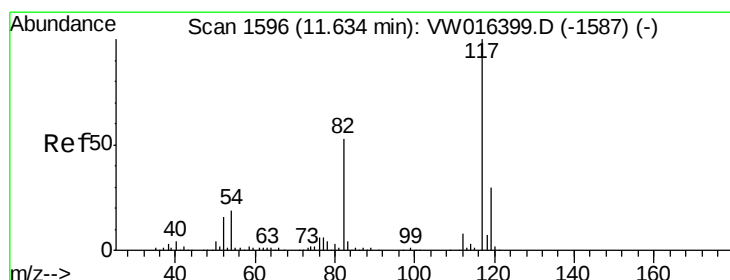
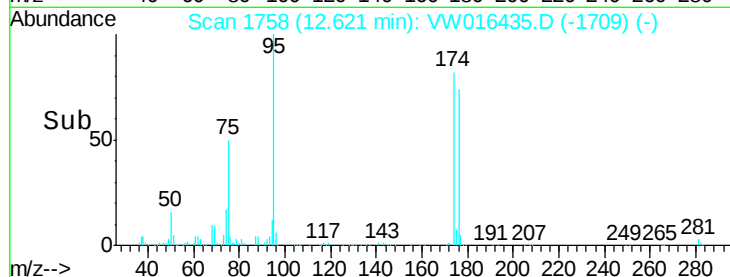
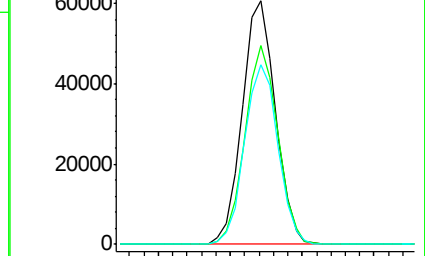
176 74.2 0.0 145.6



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: VW016435.D

Acq: 01 Sep 2020 16:37

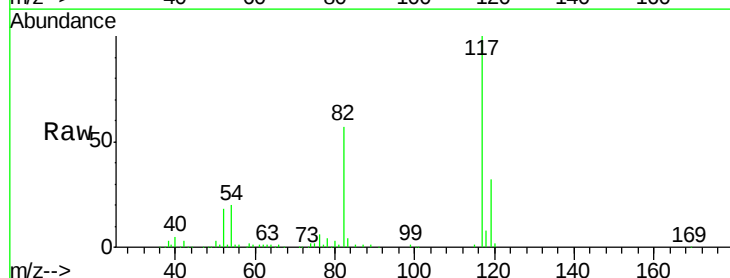
Tgt Ion: 117 Resp: 207581

Ion Ratio Lower Upper

117 100

82 56.9 42.2 63.4

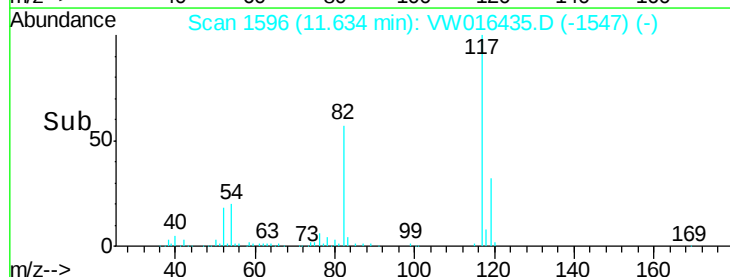
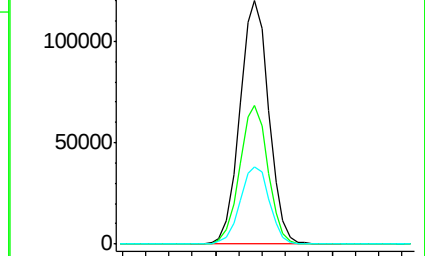
119 31.8 24.2 36.4

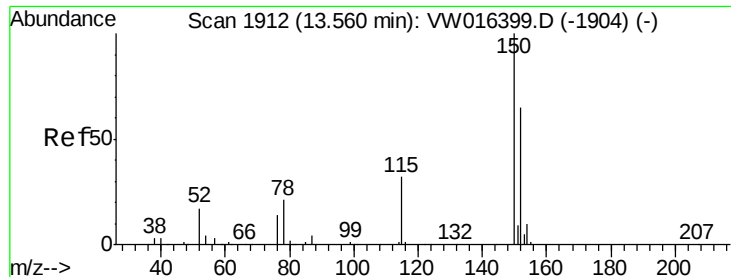


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016435.D

Acq: 01 Sep 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

CON351242

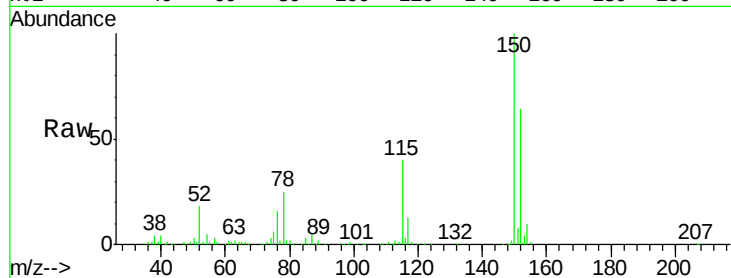
Tot Ion:152 Resp: 100055

Ion Ratio Lower Upper

152 100

115 61.4 30.9 92.5

150 151.2 0.0 351.0



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

