

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002381.D
 Acq On : 10 May 2018 15:35
 Operator : JC/SY
 Sample : J2676-03
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-050718-B

Quant Time: May 10 17:17:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

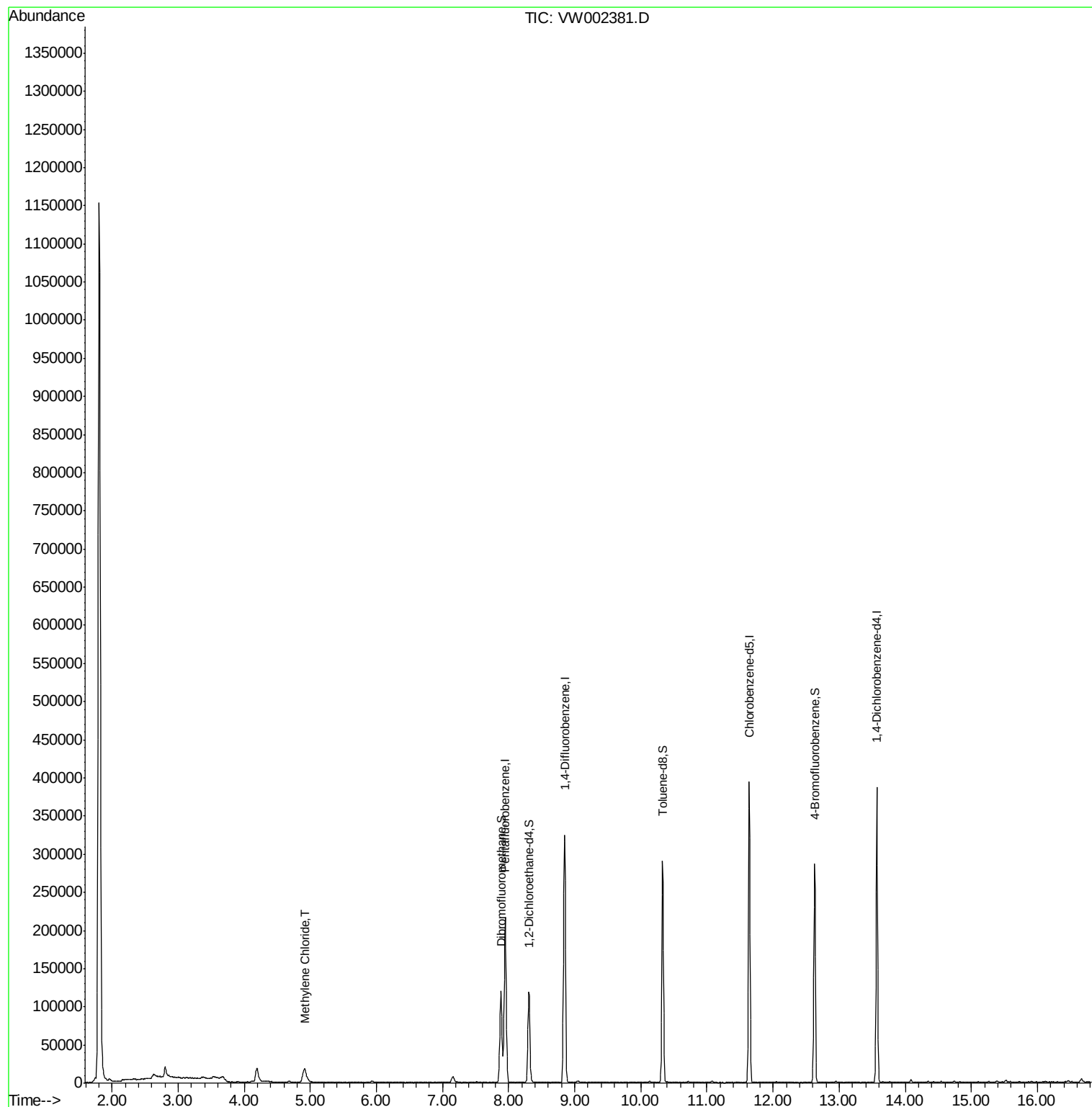
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	274280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	216000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	101727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91004	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.88	113	81774	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
50) Toluene-d8	10.33	98	189345	28.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.48%	
62) 4-Bromofluorobenzene	12.63	95	86485	35.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.40%	
Target Compounds						
20) Methylene Chloride	4.91	84	17687	10.57	ug/l	Qvalue 95

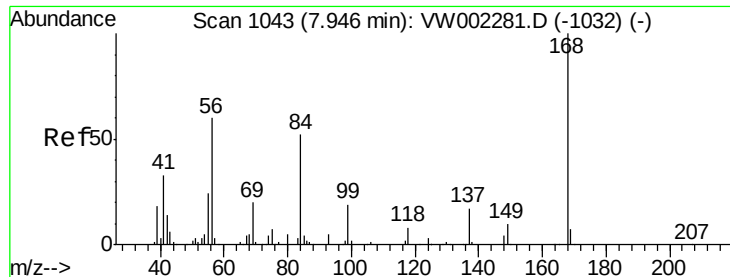
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002381.D

Acq: 10 May 2018 15:35

Instrument :

MSVOA_W

ClientSampleId :

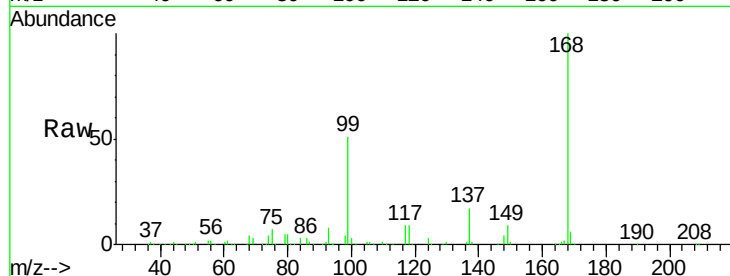
CL-01-050718-B

Tot Ion:168 Resp: 167395

Ion Ratio Lower Upper

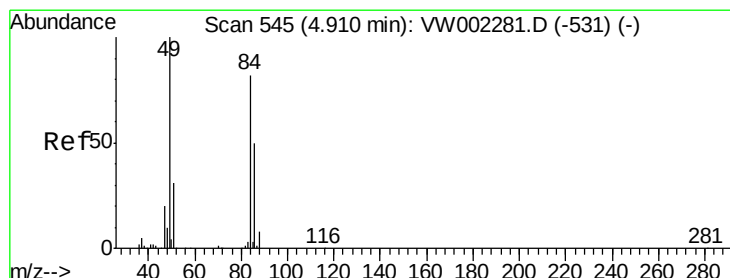
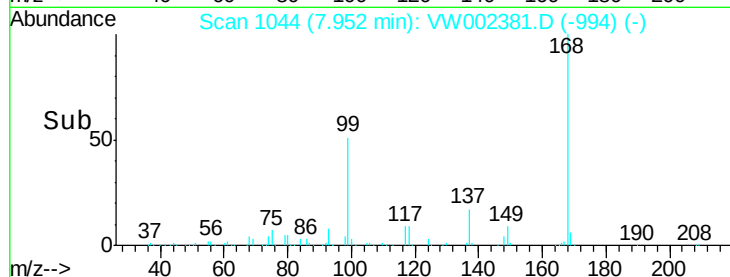
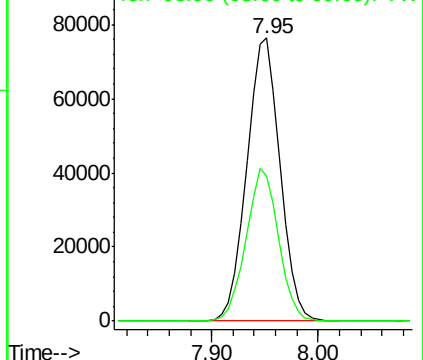
168 100

99 51.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 10.57 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW002381.D

Acq: 10 May 2018 15:35

Tgt Ion: 84 Resp: 17687

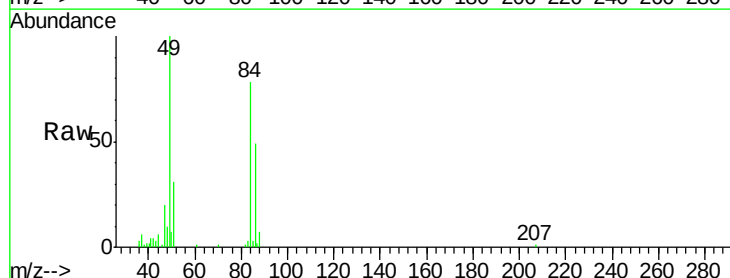
Ion Ratio Lower Upper

84 100

49 128.8 97.7 146.5

51 39.7 30.2 45.4

86 63.2 48.9 73.3

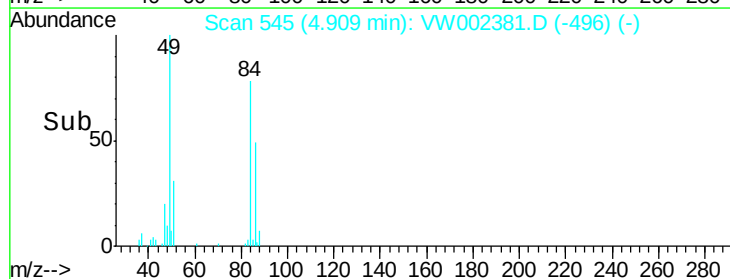
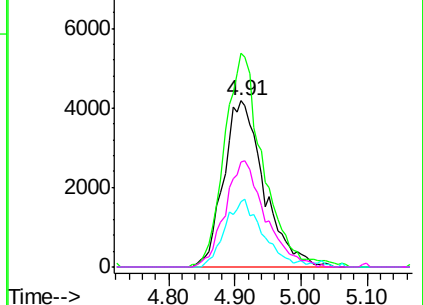


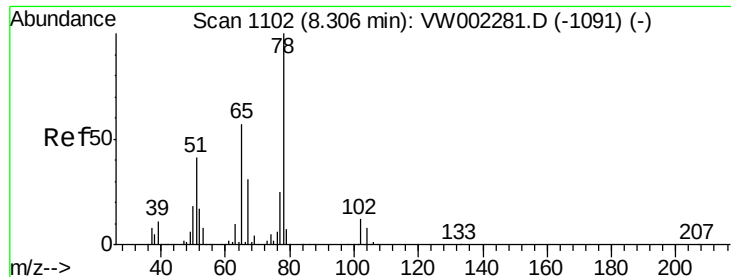
Abundance Ion 83.90 (83.60 to 84.60): VW

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

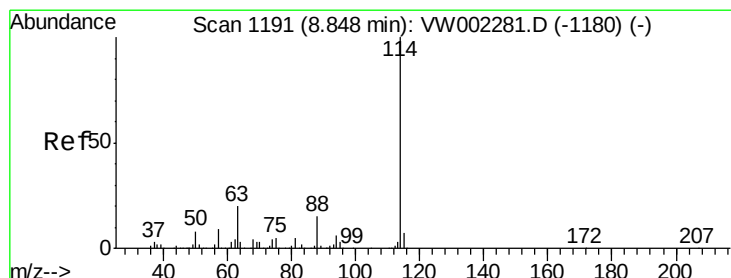
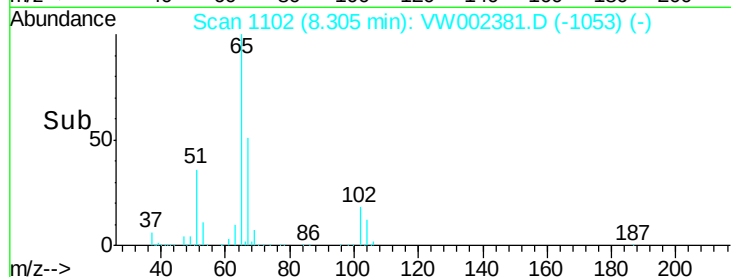
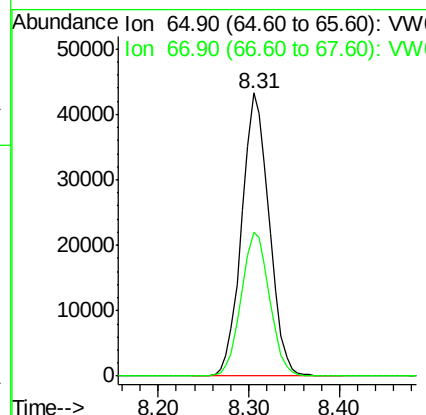
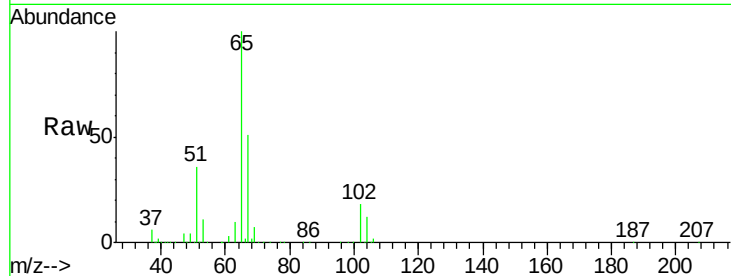




#33
 1,2-Dichloroethane-d4
 Concen: 51.19 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002381.D
 Acq: 10 May 2018 15:35

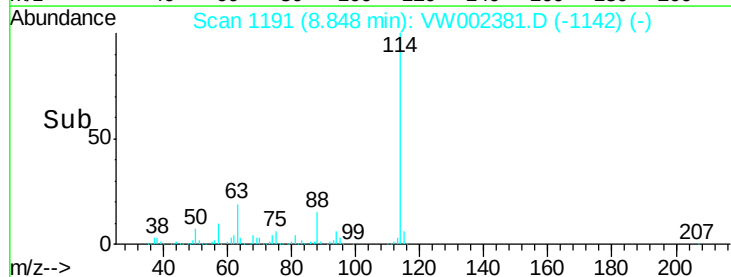
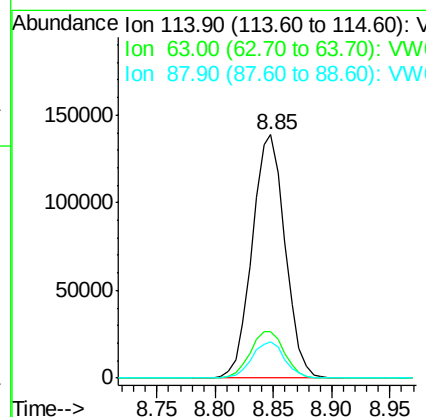
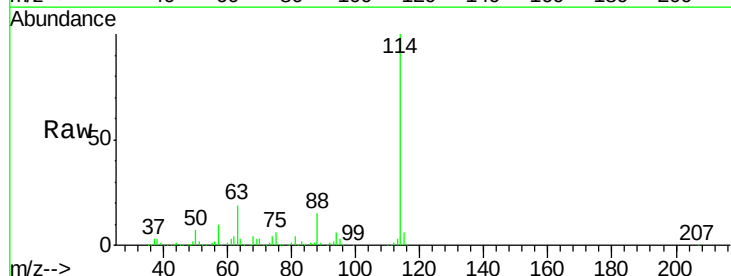
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 MSVOA_W
 ClientSampleId :
 CL-01-050718-B

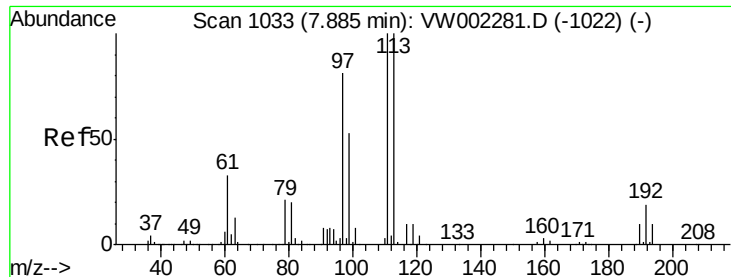
Tot Ion: 65 Resp: 91004
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002381.D
 Acq: 10 May 2018 15:35

Tgt Ion: 114 Resp: 274280
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.1 0.0 29.6

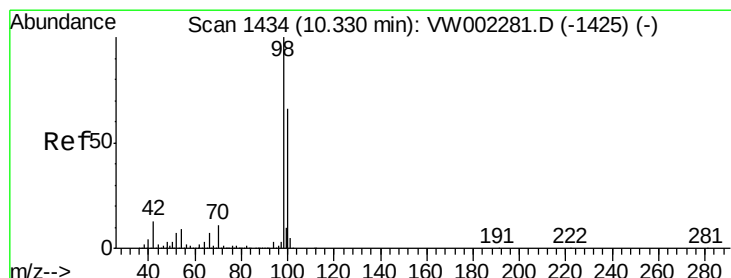
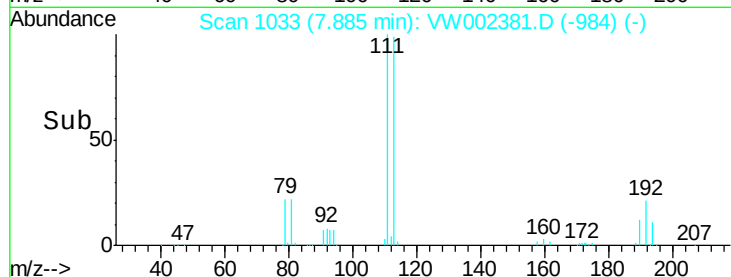
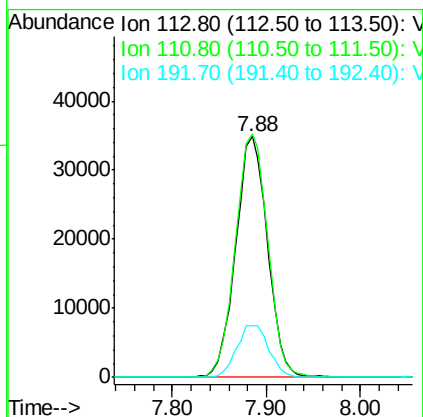
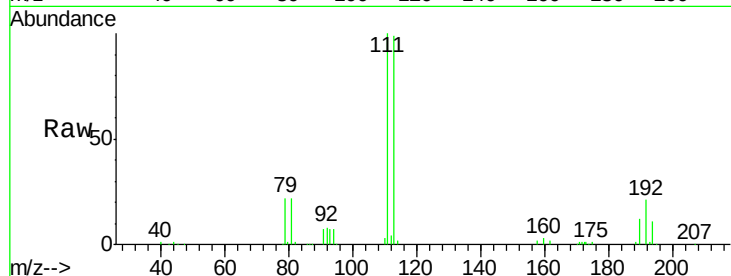




#35
 Dibromofluoromethane
 Concen: 46.52 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002381.D
 Acq: 10 May 2018 15:35

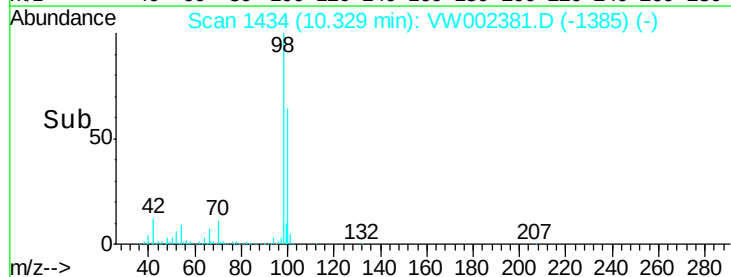
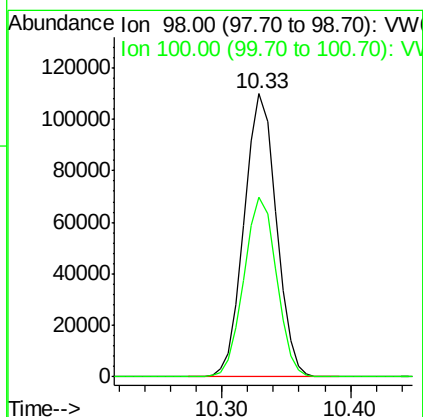
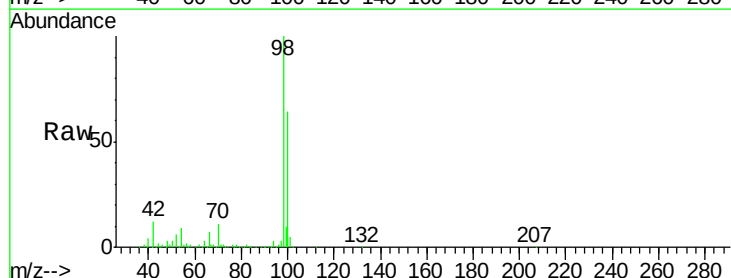
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-050718-B

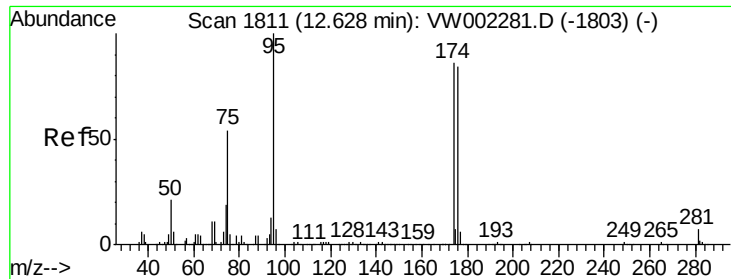
Tot Ion:113 Resp: 81774
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.5 122.3
 192 22.0 16.4 24.6



#50
 Toluene-d8
 Concen: 28.24 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002381.D
 Acq: 10 May 2018 15:35

Tgt Ion: 98 Resp: 189345
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 35.70 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002381.D

Acq: 10 May 2018 15:35

Instrument :

MSVOA_W

ClientSampleId :

CL-01-050718-B

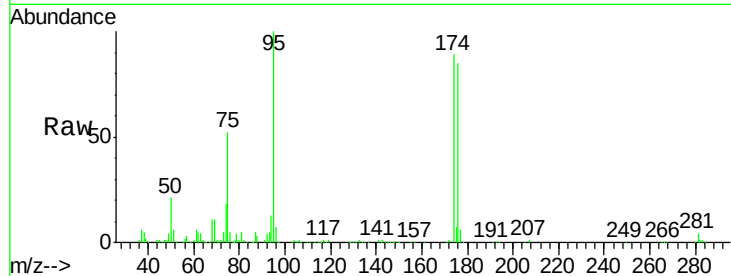
Tot Ion: 95 Resp: 86485

Ion Ratio Lower Upper

95 100

174 88.2 0.0 176.8

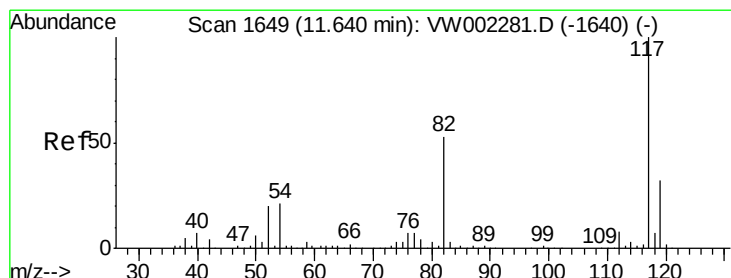
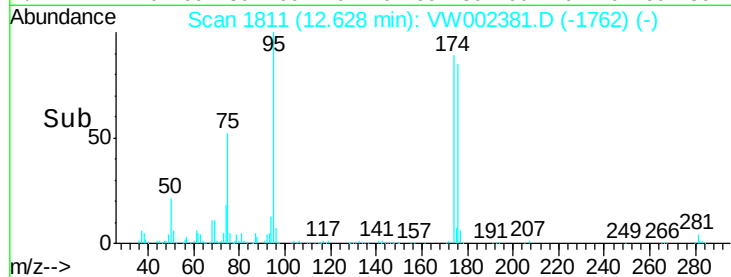
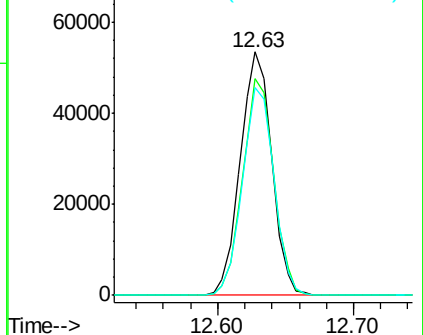
176 85.9 0.0 170.4



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: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW002381.D

Acq: 10 May 2018 15:35

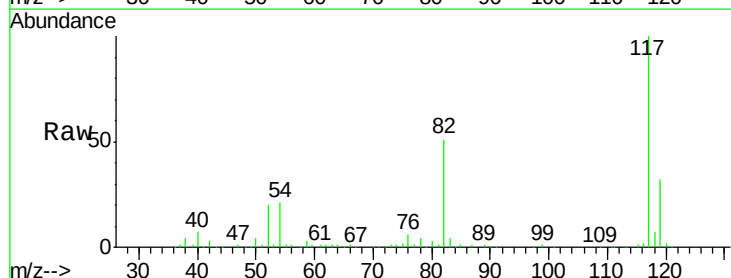
Tgt Ion: 117 Resp: 216000

Ion Ratio Lower Upper

117 100

82 51.5 42.6 63.8

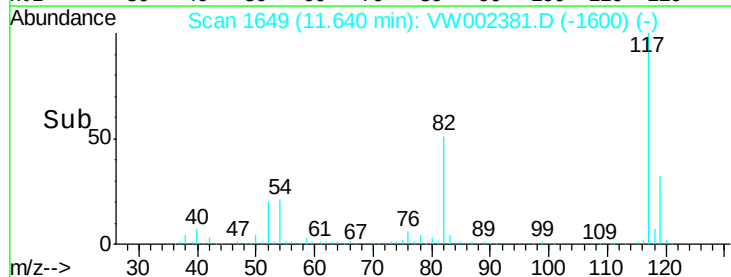
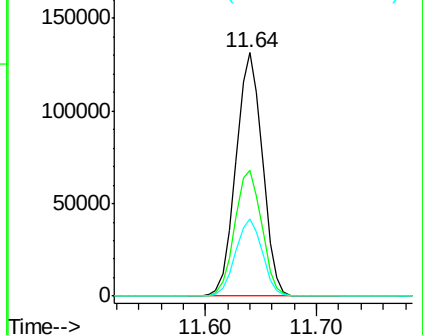
119 31.9 25.2 37.8

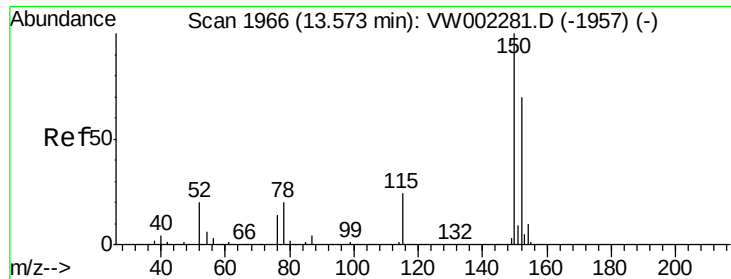


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

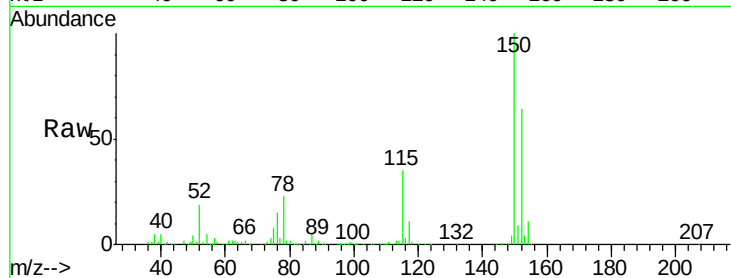




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: VW002381.D
 Acq: 10 May 2018 15:35

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-050718-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.5	85.5
150	154.7	0.0	342.6



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

