

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002307.D
 Acq On : 08 May 2018 20:38
 Operator : JC/SY
 Sample : J2712-01
 Misc : 4.16G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0011

Quant Time: May 09 08:40:23 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

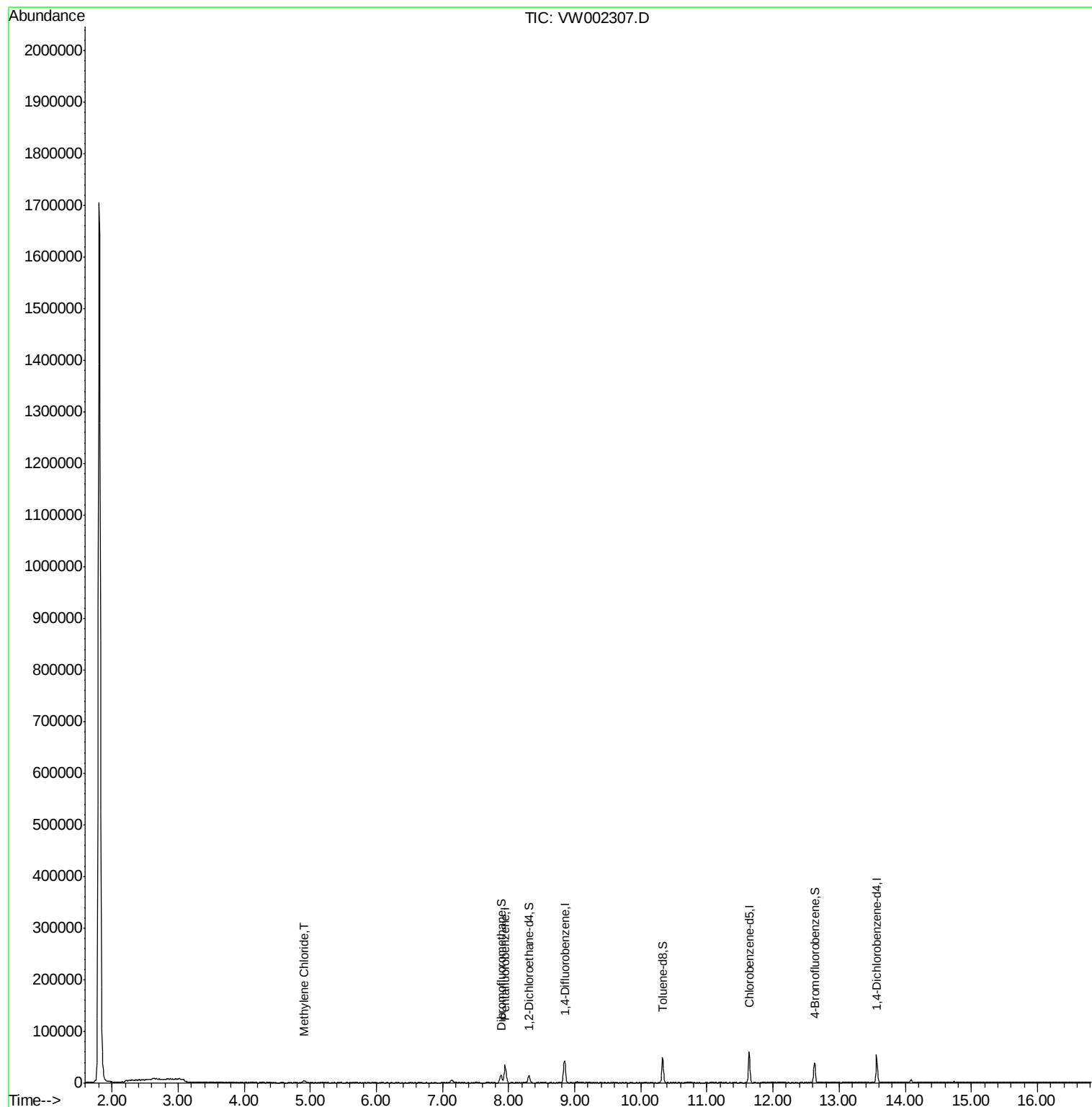
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	37210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	31125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10604	38.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.34%	
35) Dibromofluoromethane	7.88	113	9913	41.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.12%	
50) Toluene-d8	10.33	98	30941	34.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.04%	
62) 4-Bromofluorobenzene	12.63	95	11003	33.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.96%	
Target Compounds						
20) Methylene Chloride	4.90	84	2846	10.88	ug/l	Qvalue # 76

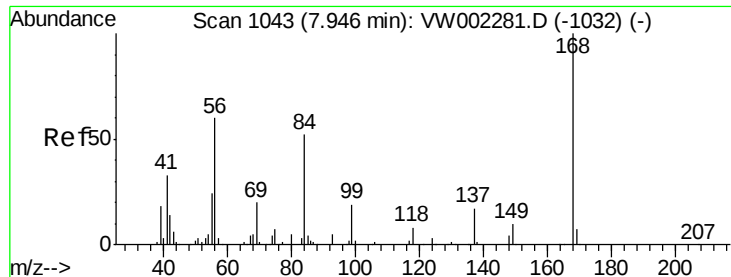
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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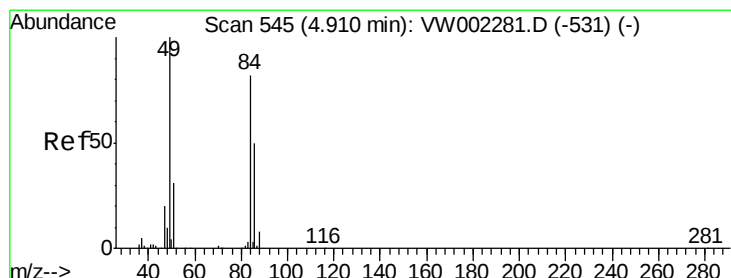
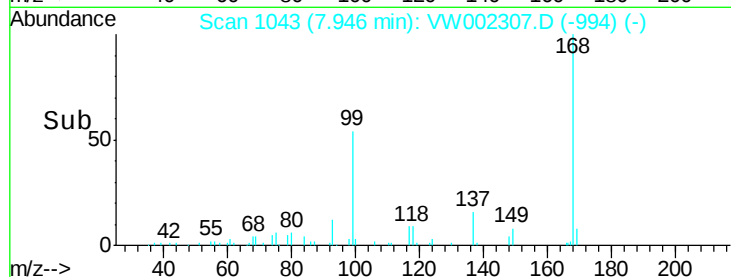
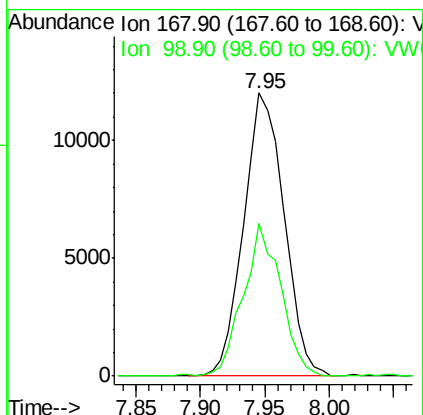
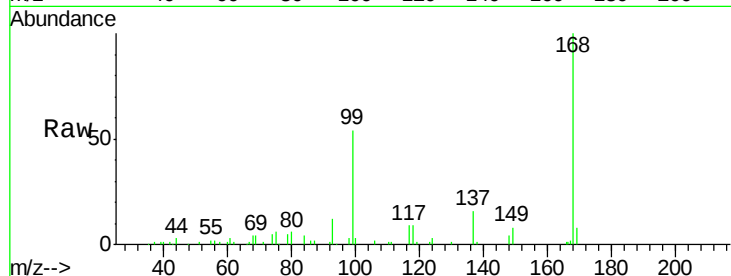


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VW002307.D
 Acq: 08 May 2018 20:38

Instrument :
 MSVOA_W
 ClientSampled :
 0011

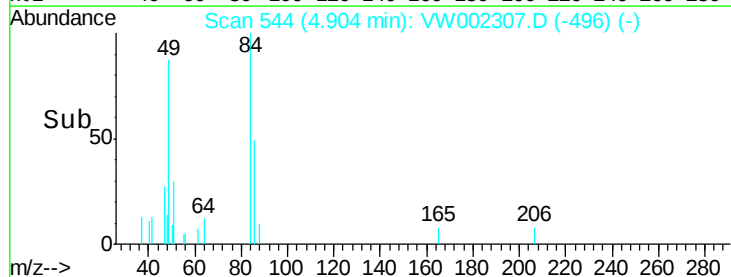
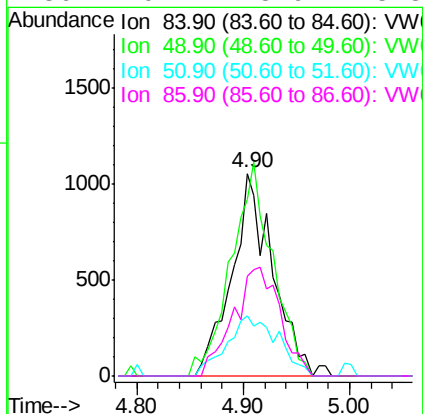
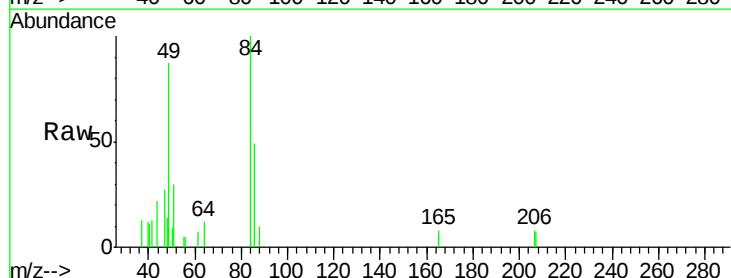
Tot Ion:168 Resp: 26164
 Ion Ratio Lower Upper
 168 100
 99 54.1 43.7 65.5

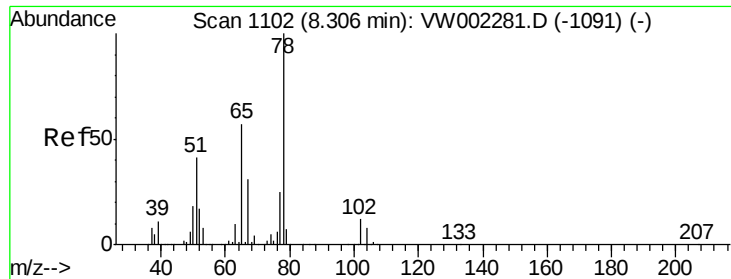


#20

Methylene Chloride
 Concen: 10.88 ug/l
 RT: 4.90 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: VW002307.D
 Acq: 08 May 2018 20:38

Tgt Ion: 84 Resp: 2846
 Ion Ratio Lower Upper
 84 100
 49 87.3 97.7 146.5#
 51 29.7 30.2 45.4#
 86 49.2 48.9 73.3





#33

1,2-Dichloroethane-d4

Concen: 38.17 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

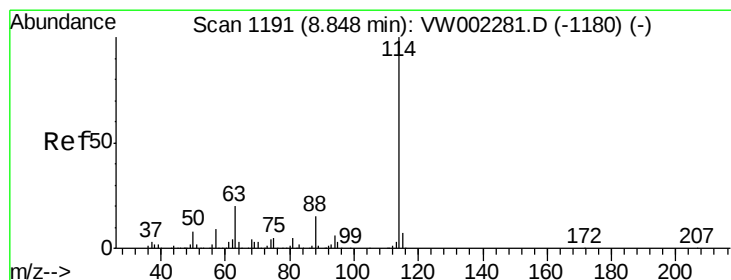
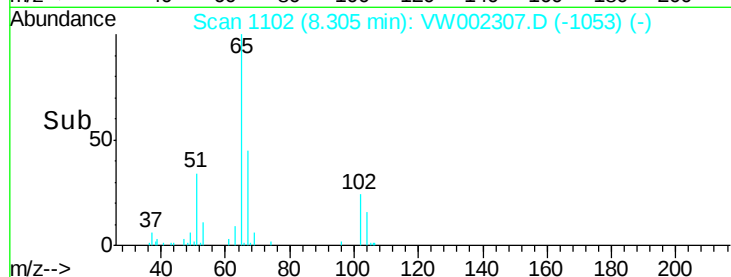
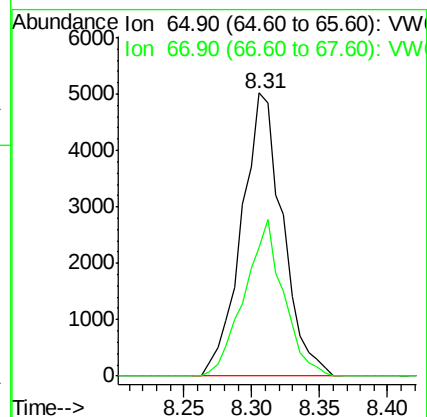
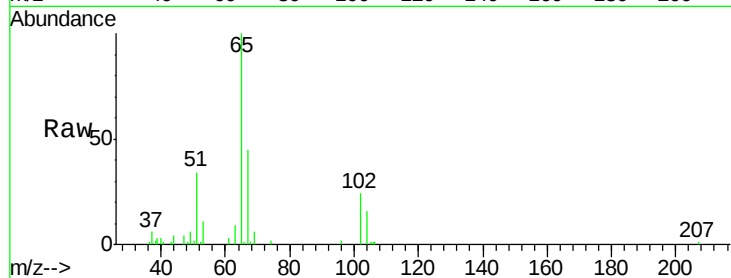
0011

Tot Ion: 65 Resp: 10604

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

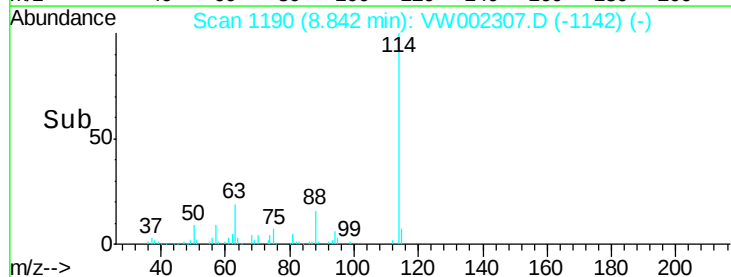
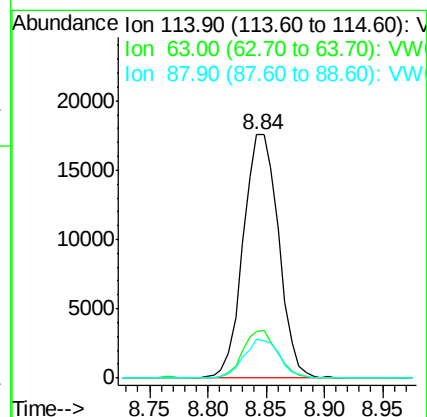
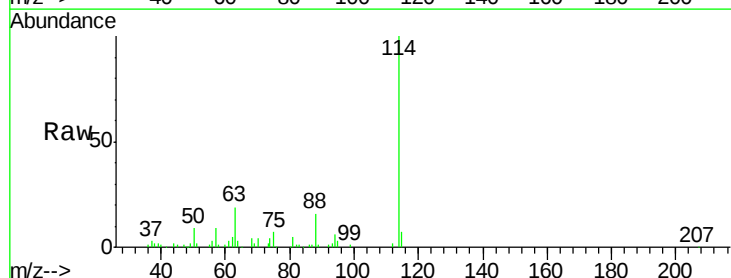
Tgt Ion: 114 Resp: 37210

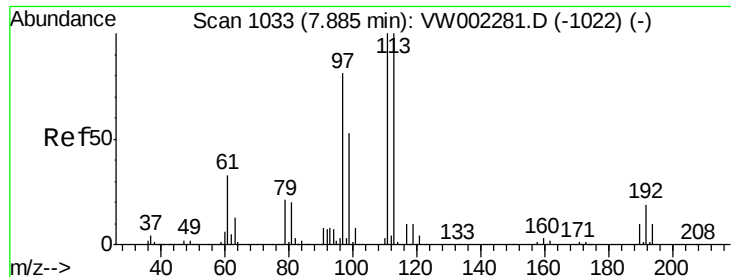
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

88 16.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 41.56 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

0011

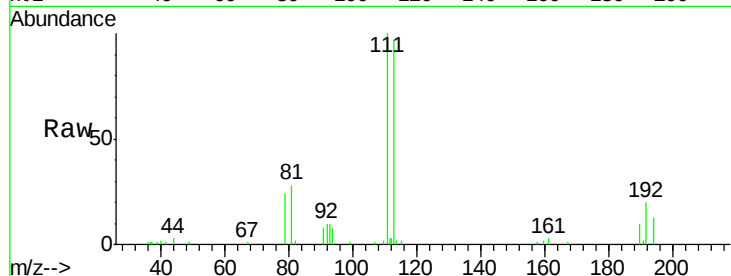
Tot Ion:113 Resp: 9913

Ion Ratio Lower Upper

113 100

111 105.4 81.5 122.3

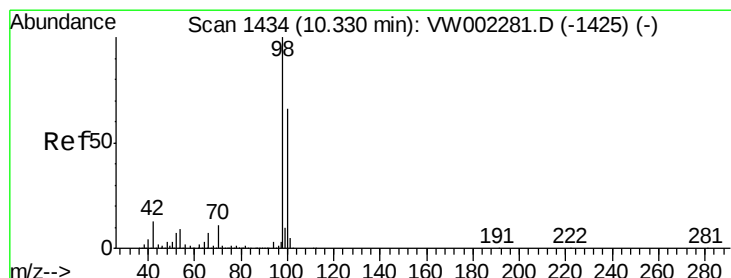
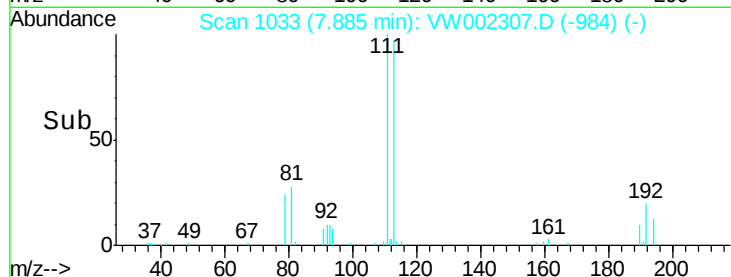
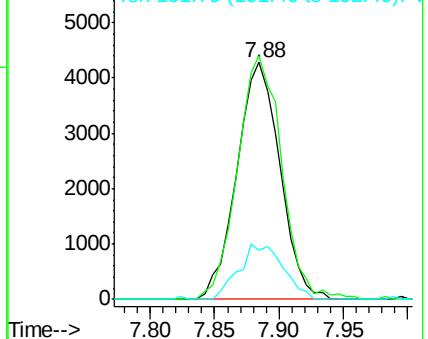
192 23.9 16.4 24.6



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: 34.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002307.D

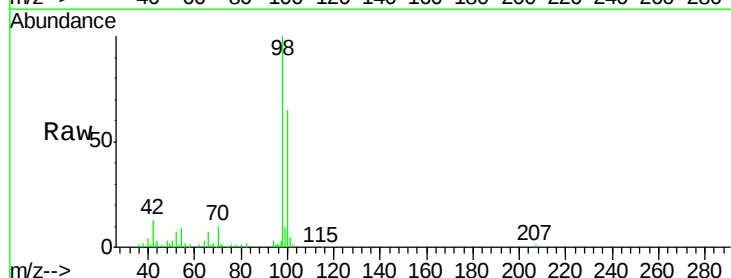
Acq: 08 May 2018 20:38

Tgt Ion: 98 Resp: 30941

Ion Ratio Lower Upper

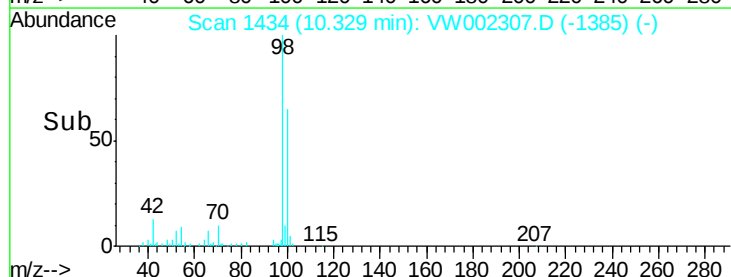
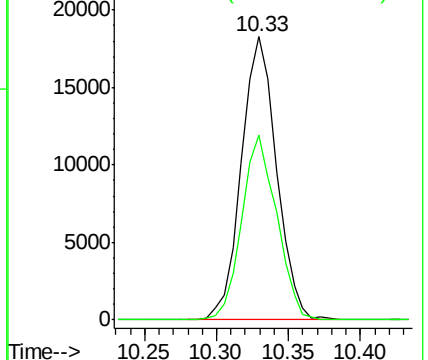
98 100

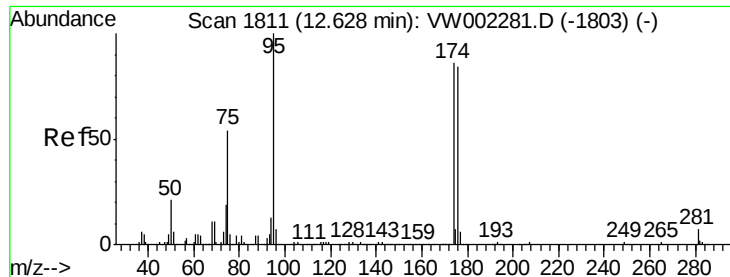
100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.48 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

0011

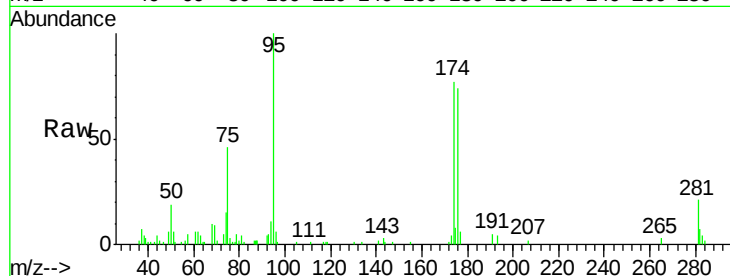
Tot Ion: 95 Resp: 11003

Ion Ratio Lower Upper

95 100

174 86.1 0.0 176.8

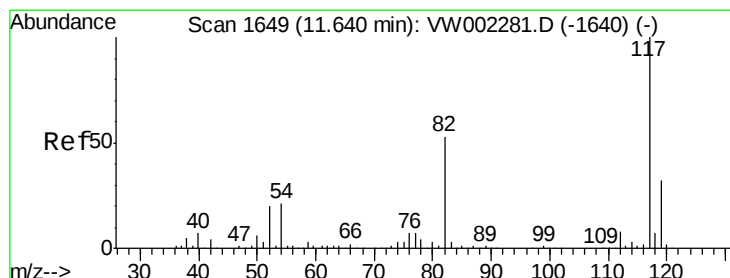
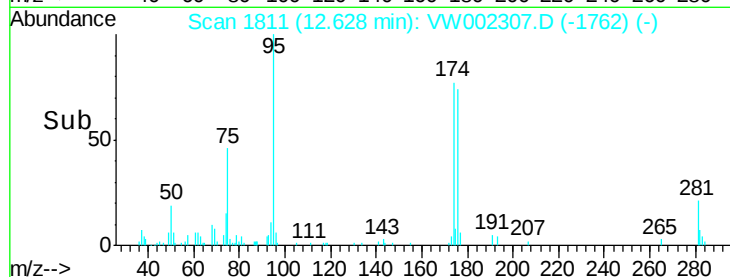
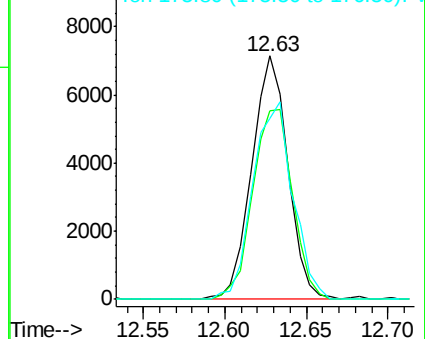
176 89.4 0.0 170.4



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: VW002307.D

Acq: 08 May 2018 20:38

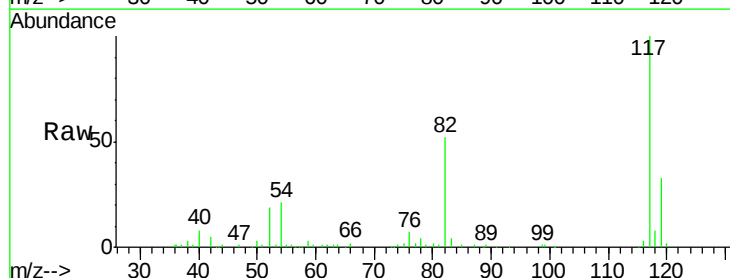
Tgt Ion: 117 Resp: 31125

Ion Ratio Lower Upper

117 100

82 52.3 42.6 63.8

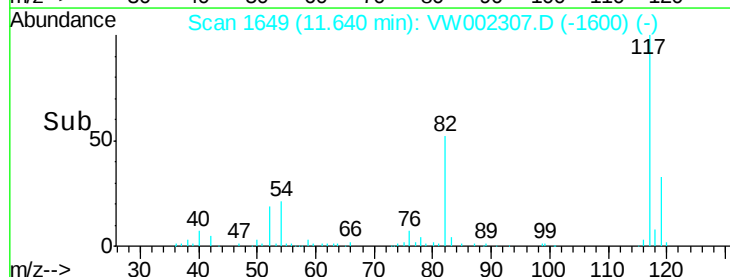
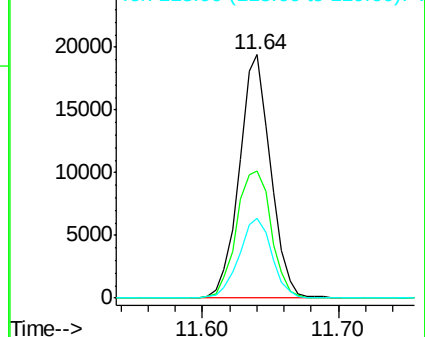
119 32.7 25.2 37.8

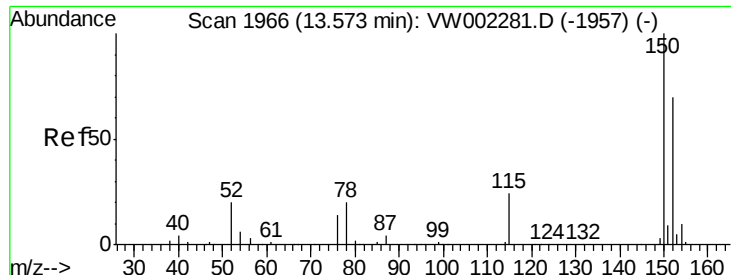


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW002307.D
 Acq: 08 May 2018 20:38

Instrument :
 MSVOA_W
 ClientSampleId :
 0011

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.5	85.5
150	157.4	0.0	342.6

