

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002321.D
 Acq On : 09 May 2018 04:10
 Operator : JC/SY
 Sample : J2709-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WAYNE

Quant Time: May 09 08:48:18 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	211731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	96051	42.72	ug/l	0.00
Spiked Amount			Recovery	=	85.44%	
35) Dibromofluoromethane	7.88	113	97260	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
50) Toluene-d8	10.33	98	343783	41.70	ug/l	0.00
Spiked Amount			Recovery	=	83.40%	
62) 4-Bromofluorobenzene	12.63	95	132241	44.38	ug/l	0.00
Spiked Amount			Recovery	=	88.76%	

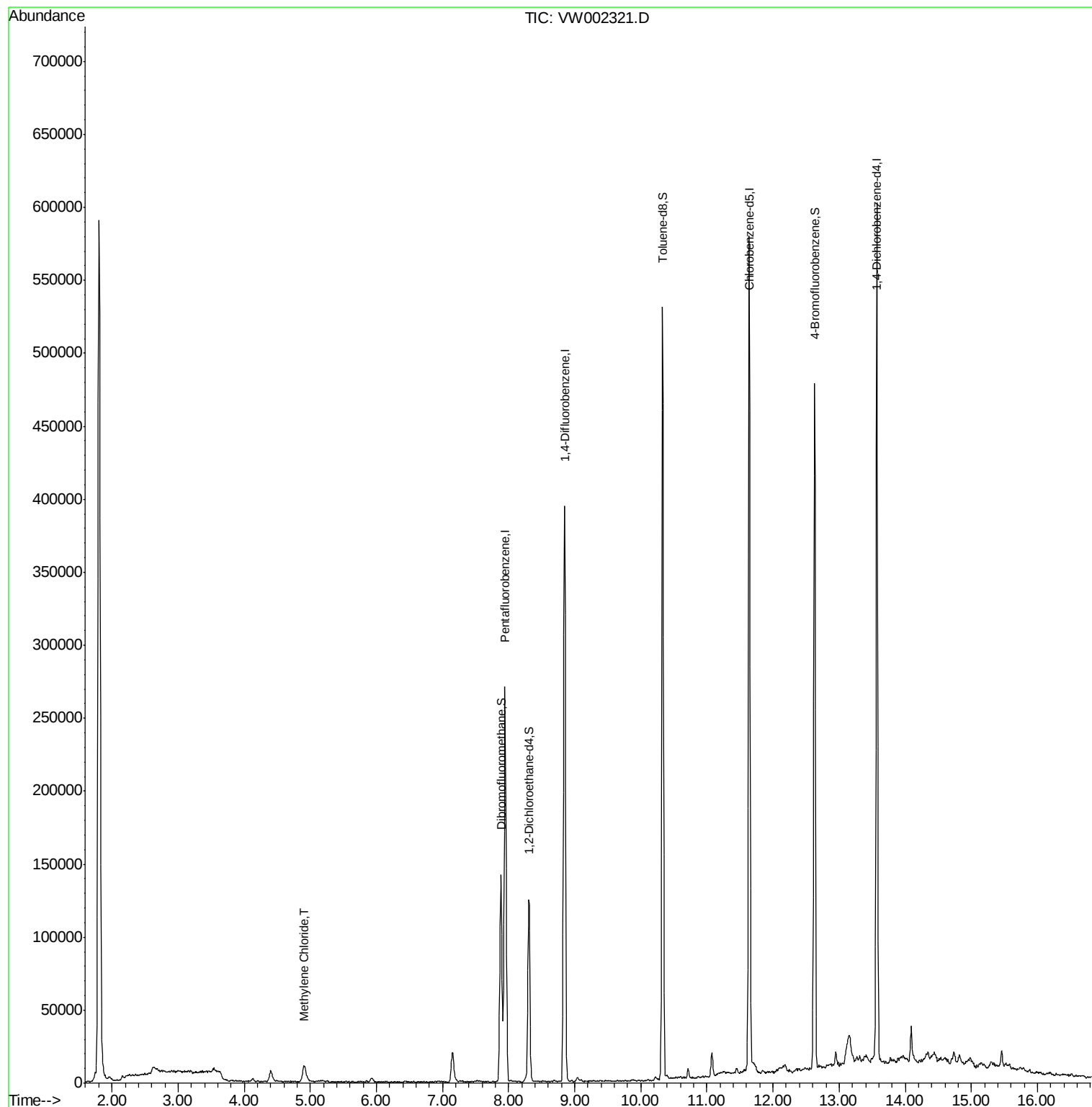
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.90	84	10488	4.95	ug/l	# 81

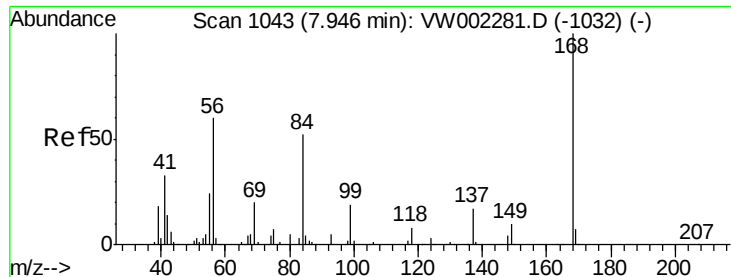
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampleId :

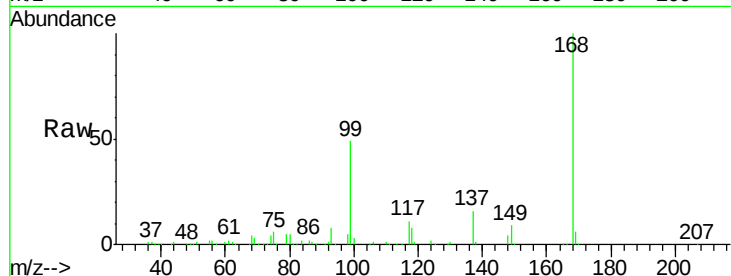
WAYNE

Tot Ion:168 Resp: 211731

Ion Ratio Lower Upper

168 100

99 49.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

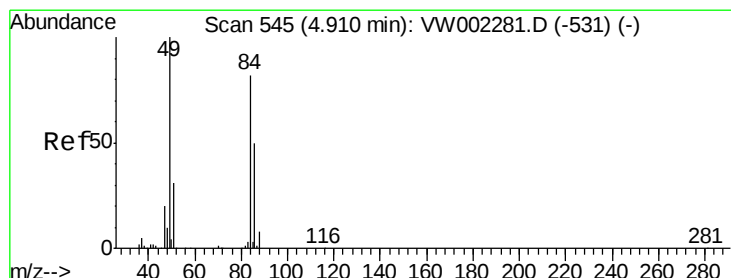
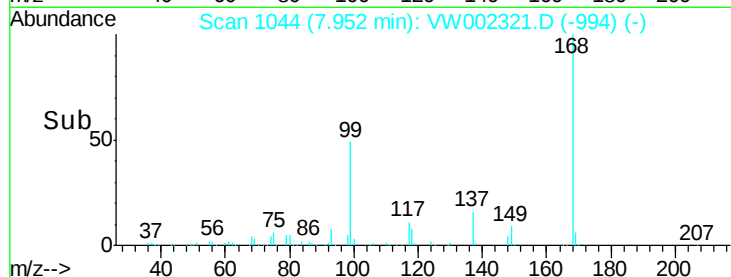
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.95 ug/l

RT: 4.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Tgt Ion: 84 Resp: 10488

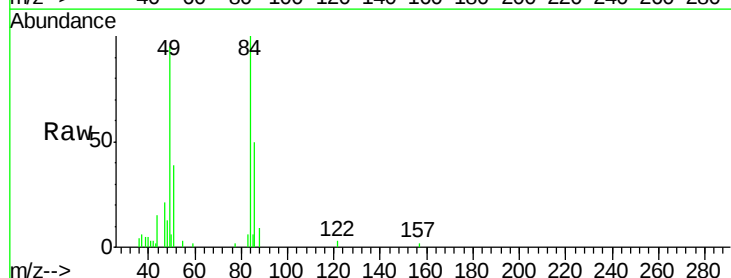
Ion Ratio Lower Upper

84 100

49 92.6 97.7 146.5#

51 39.0 30.2 45.4

86 50.0 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

4.90

4000

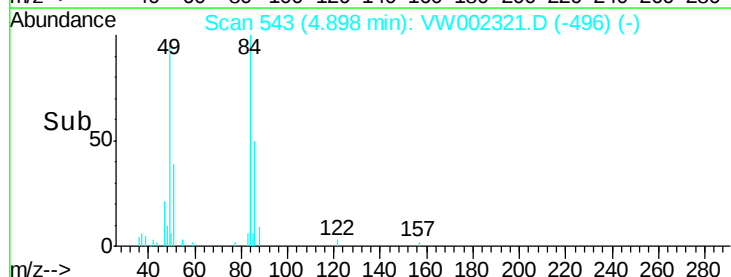
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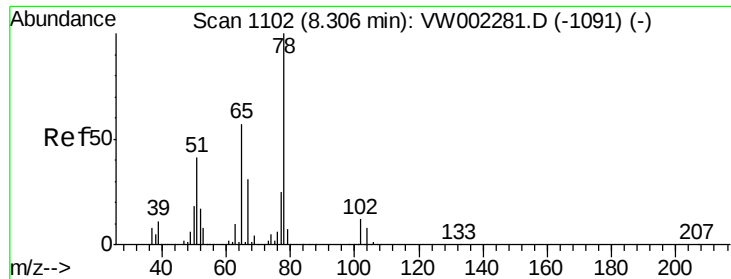
2000

1000

0

Time-->

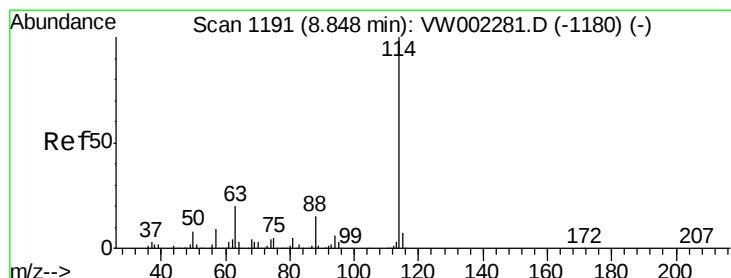
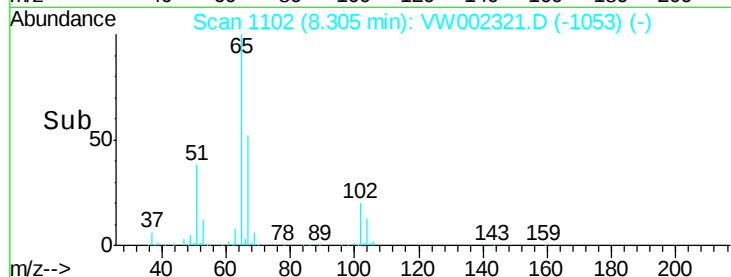
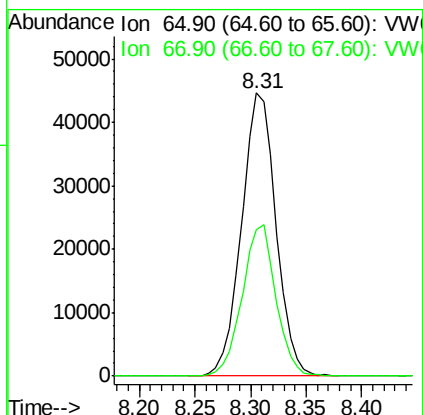
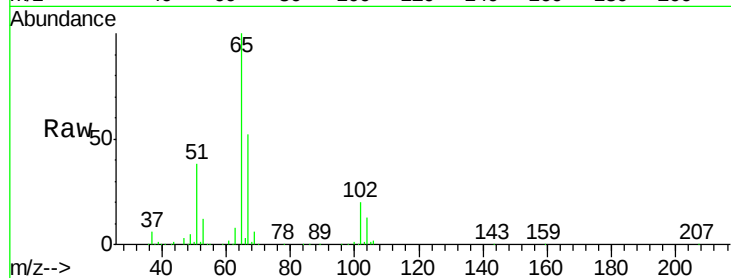




#33
 1,2-Dichloroethane-d4
 Concen: 42.72 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

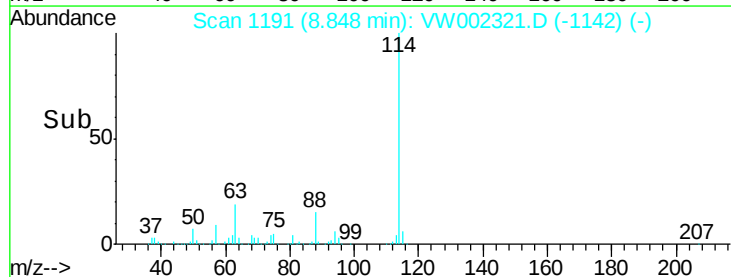
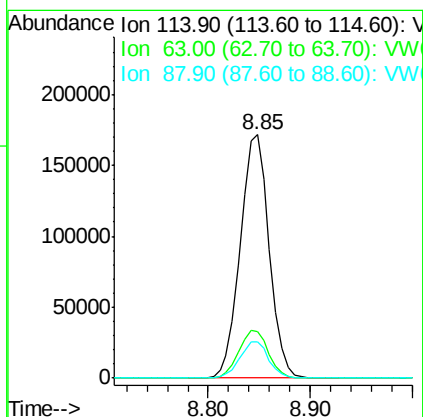
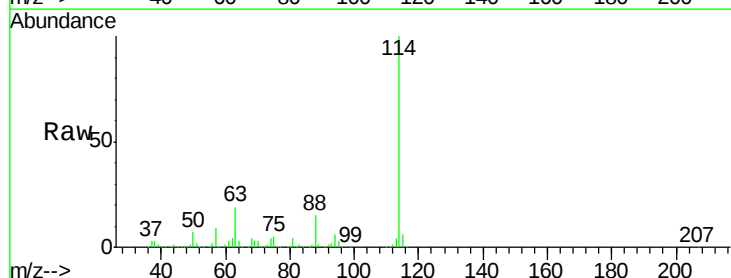
Instrument :
 MSVOA_W
 ClientSampleId :
 WAYNE

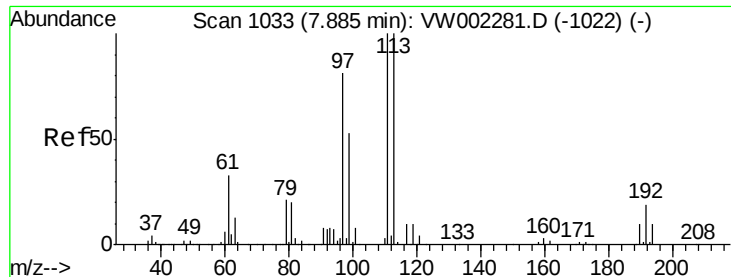
Tot Ion: 65 Resp: 96051
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

Tgt Ion: 114 Resp: 337325
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 14.9 0.0 29.6

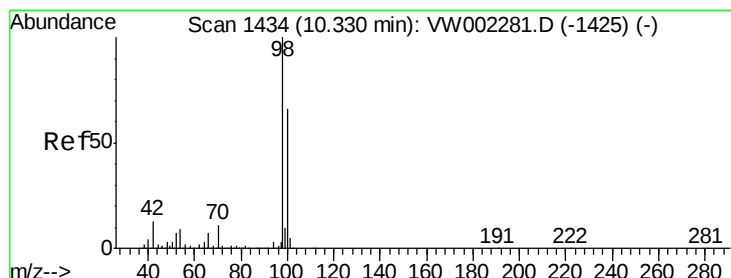
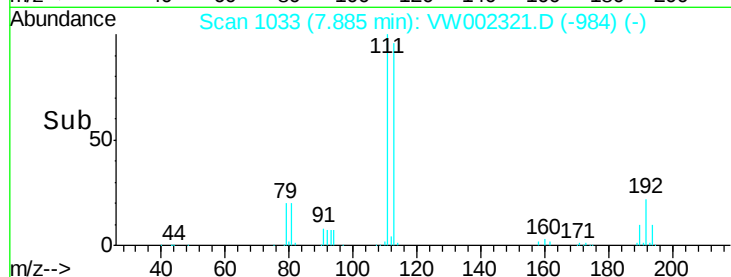
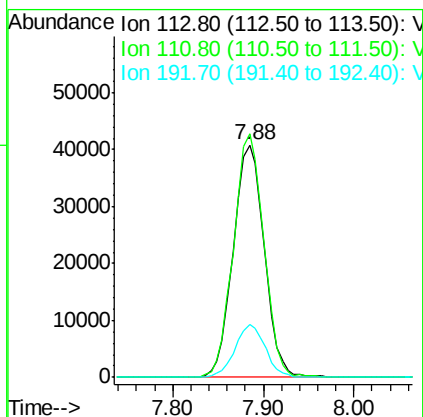
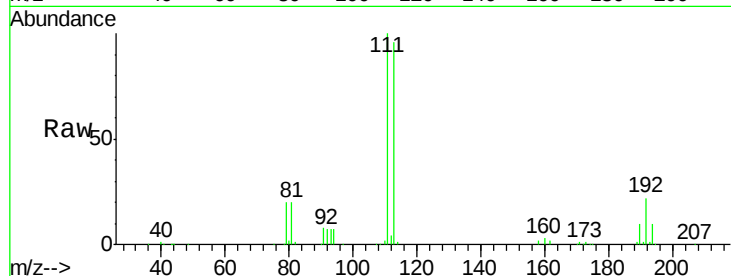




#35
 Dibromofluoromethane
 Concen: 44.98 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

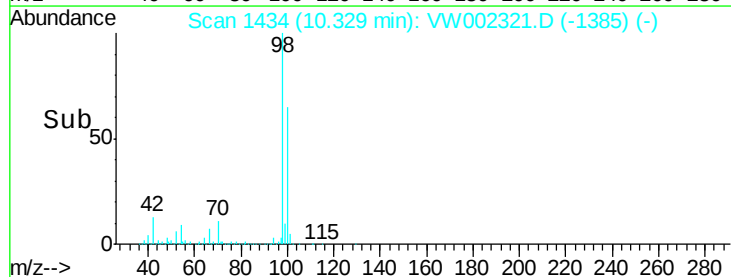
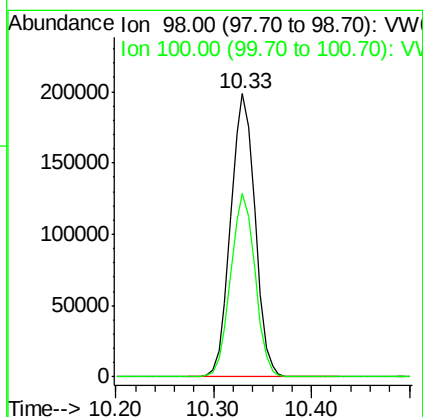
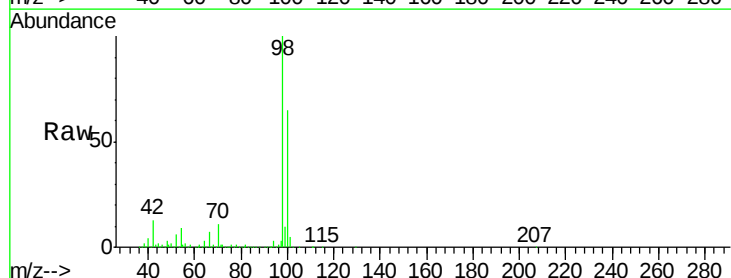
Instrument :
 MSVOA_W
 ClientSampled :
 WAYNE

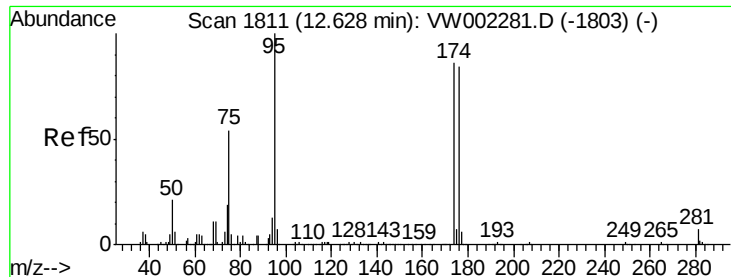
Tot Ion:113 Resp: 97260
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 22.3 16.4 24.6



#50
 Toluene-d8
 Concen: 41.70 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002321.D
 Acq: 09 May 2018 04:10

Tgt Ion: 98 Resp: 343783
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.2

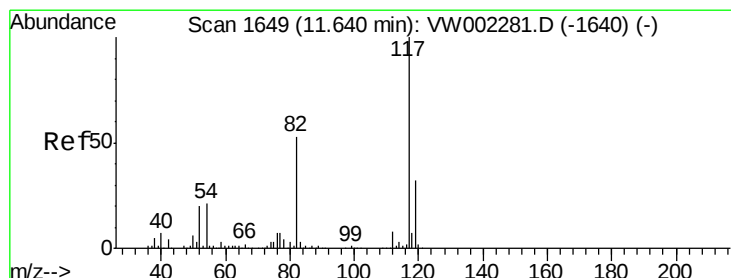
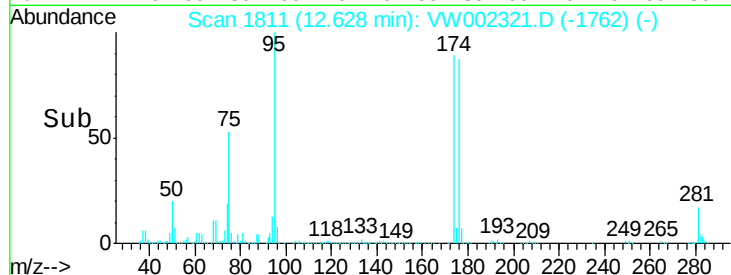
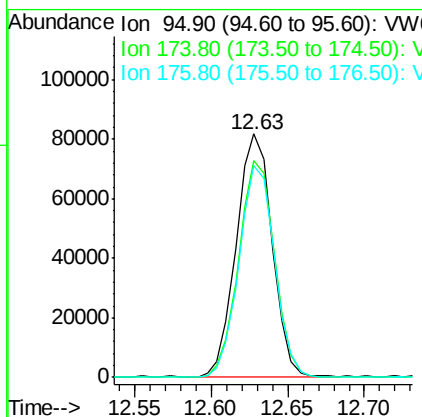
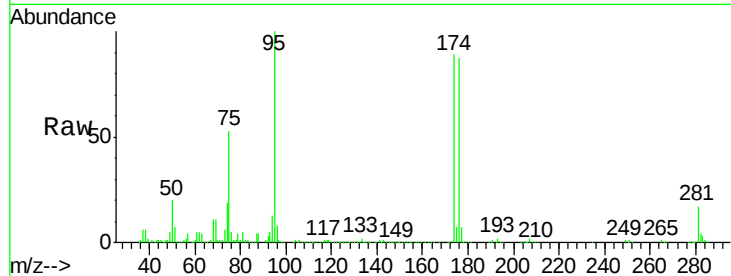




#62
4-Bromofluorobenzene
Concen: 44.38 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002321.D
Acq: 09 May 2018 04:10

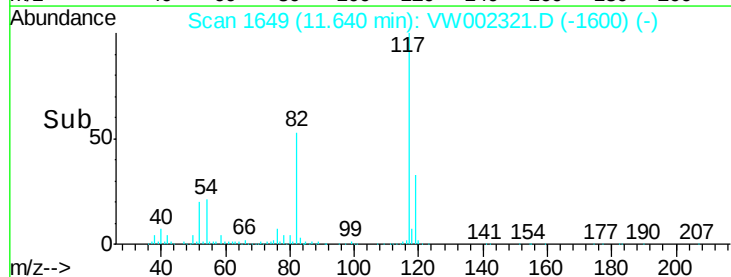
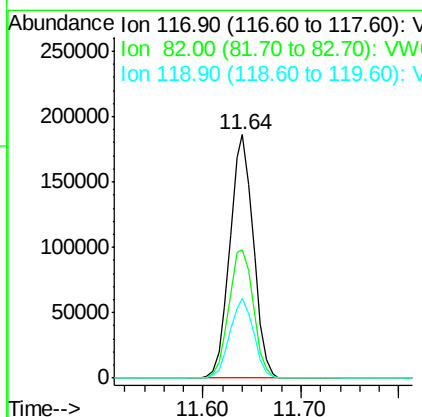
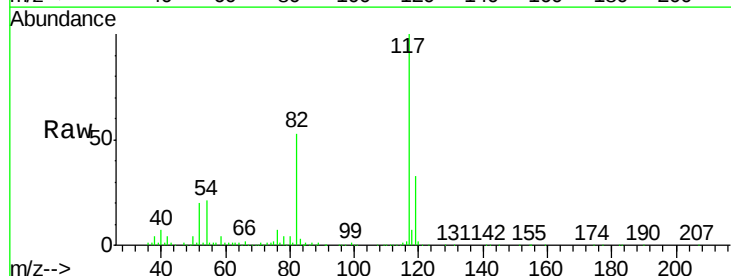
Instrument :
MSVOA_W
ClientSampled :
WAYNE

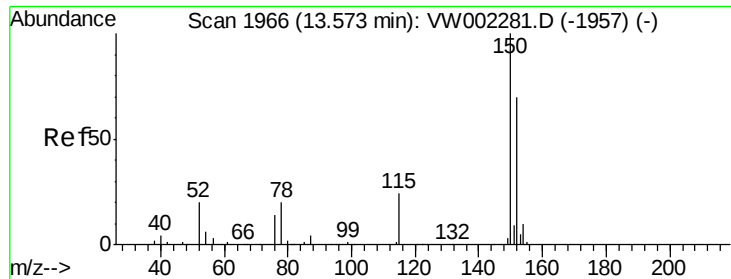
Tot Ion: 95 Resp: 132241
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.8
176 86.9 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002321.D
Acq: 09 May 2018 04:10

Tgt Ion: 117 Resp: 309543
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002321.D

Acq: 09 May 2018 04:10

Instrument :

MSVOA_W

ClientSampleId :

WAYNE

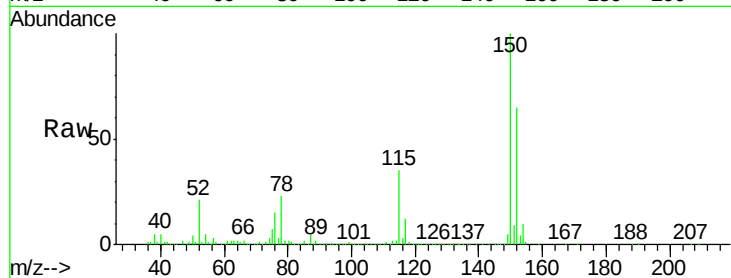
Tot Ion:152 Resp: 157560

Ion Ratio Lower Upper

152 100

115 56.1 28.5 85.5

150 156.0 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

