

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002315.D
 Acq On : 09 May 2018 01:40
 Operator : JC/SY
 Sample : J2680-01
 Misc : 4.86G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-A

Quant Time: May 09 08:48:28 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

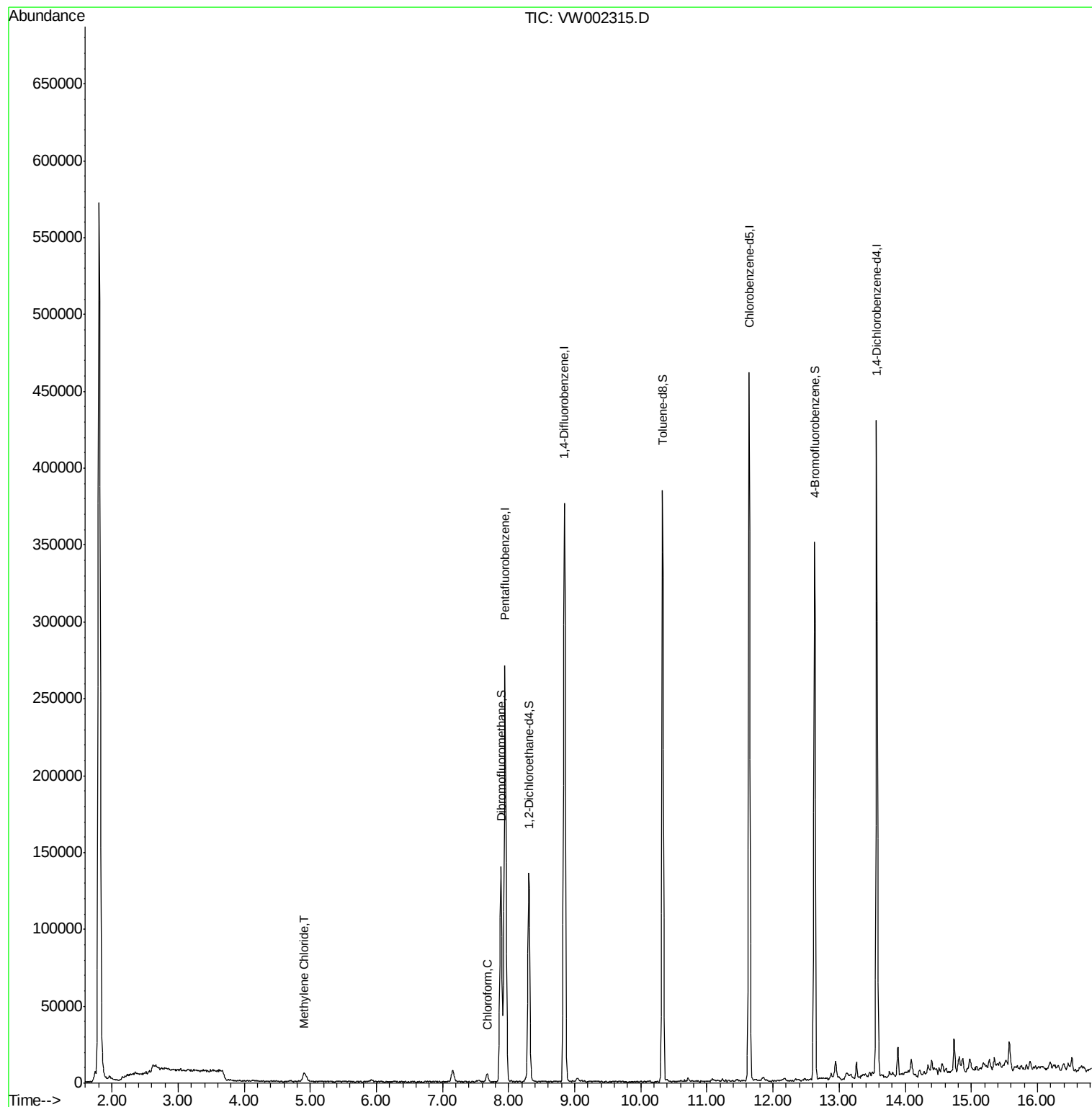
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	322417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	252404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103384	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
35) Dibromofluoromethane	7.88	113	96107	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	10.33	98	251092	31.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.72%	
62) 4-Bromofluorobenzene	12.63	95	103030	36.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.36%	
Target Compounds						
20) Methylene Chloride	4.90	84	5013	2.40	ug/l	Qvalue 87
30) Chloroform	7.67	83	4645	1.20	ug/l	95

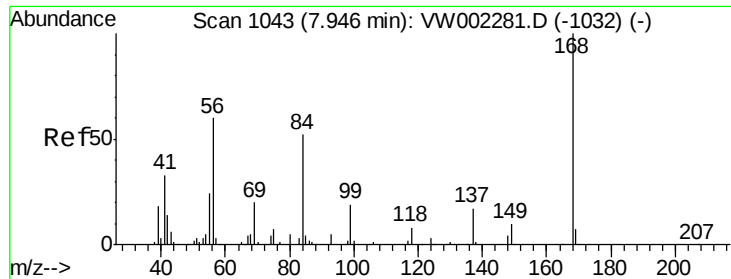
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002315.D

Acq: 09 May 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

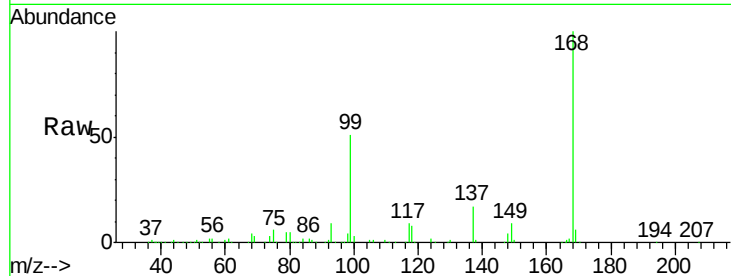
PL-02-050418-A

Tot Ion:168 Resp: 209169

Ion Ratio Lower Upper

168 100

99 50.6 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

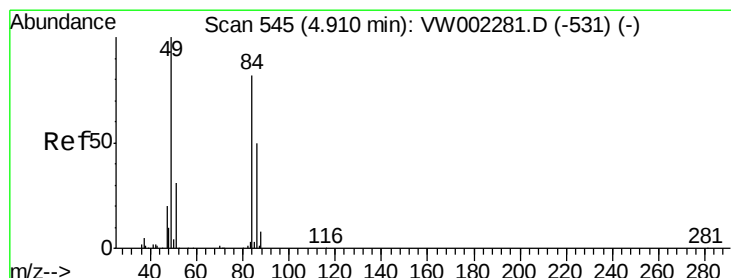
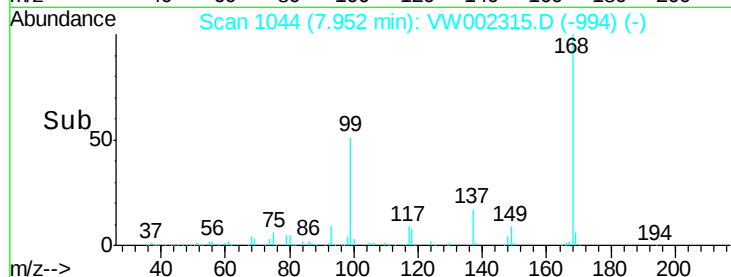
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.40 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Tgt Ion: 84 Resp: 5013

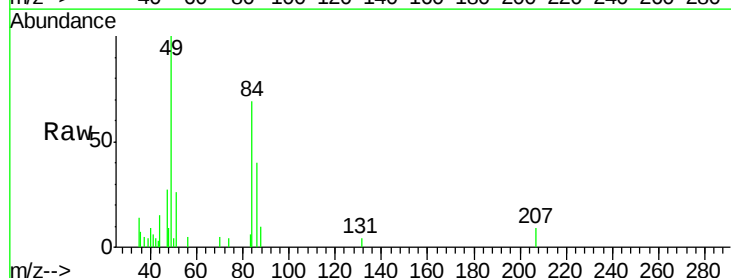
Ion Ratio Lower Upper

84 100

49 145.3 97.7 146.5

51 38.2 30.2 45.4

86 57.6 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

2500

2000

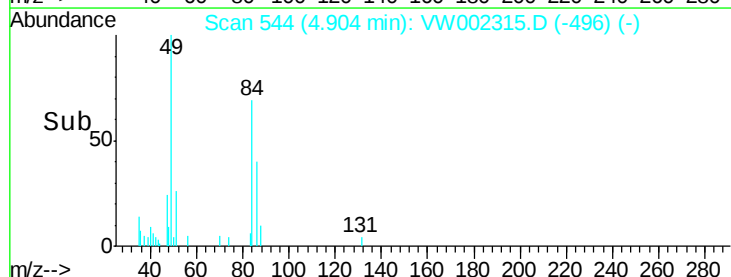
1500

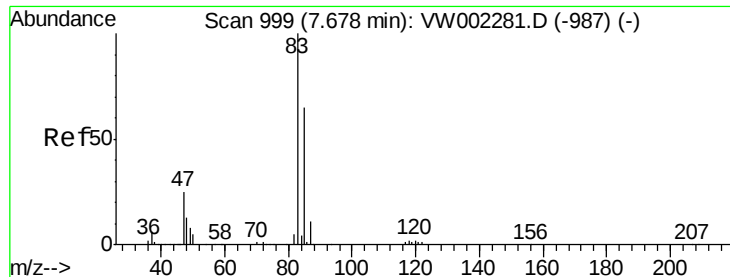
1000

500

0

Time-->

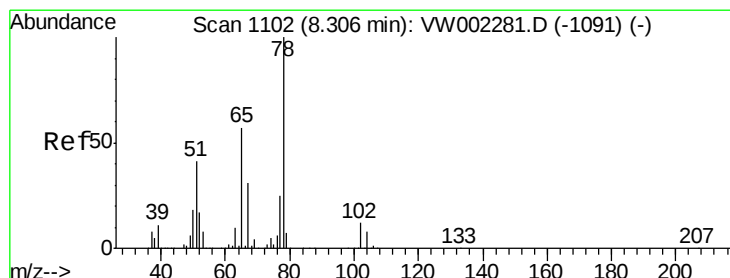
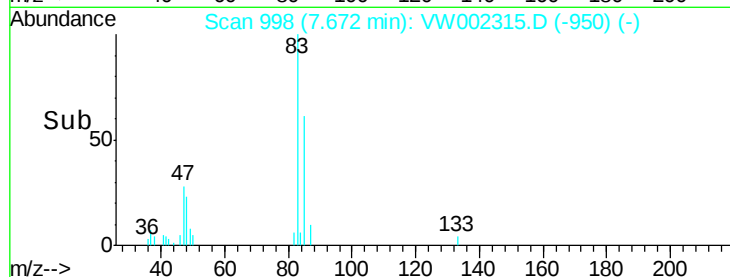
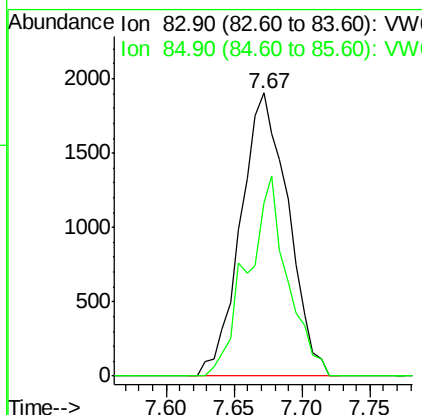
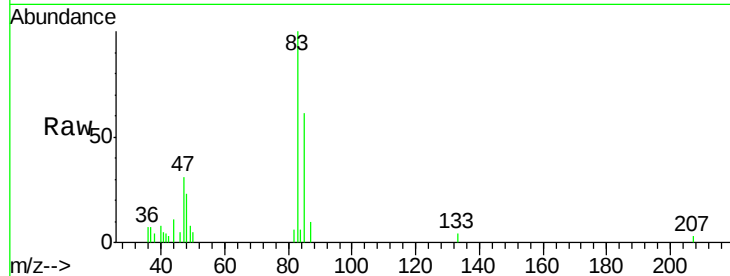




#30
Chloroform
Concen: 1.20 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002315.D
Acq: 09 May 2018 01:40

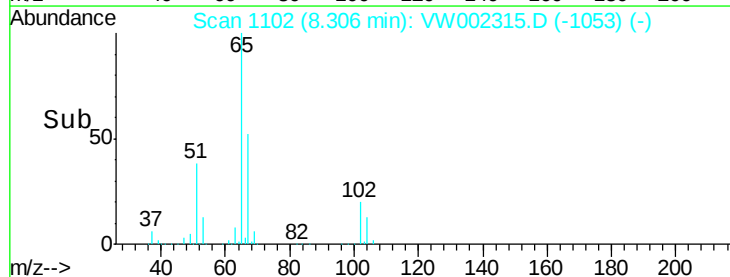
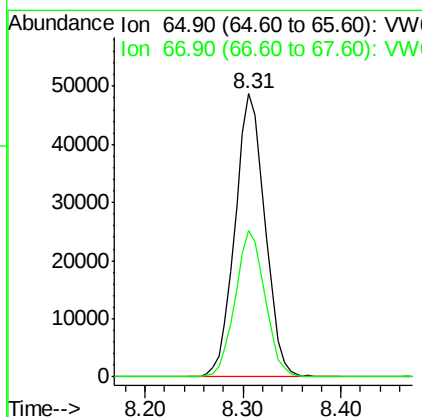
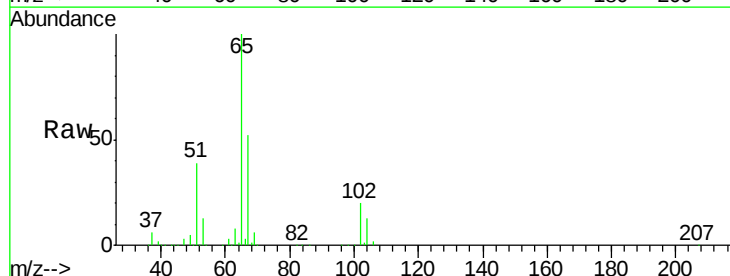
Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-A

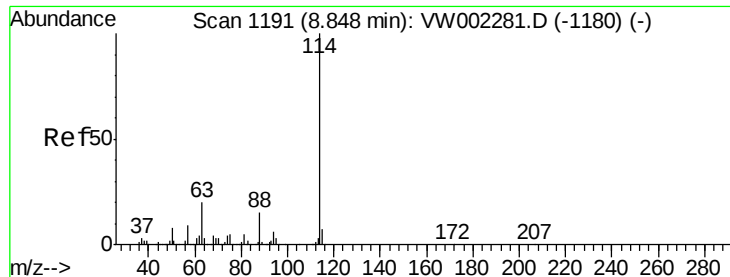
Tot Ion: 83 Resp: 4645
Ion Ratio Lower Upper
83 100
85 61.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 46.54 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002315.D
Acq: 09 May 2018 01:40

Tgt Ion: 65 Resp: 103384
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.2

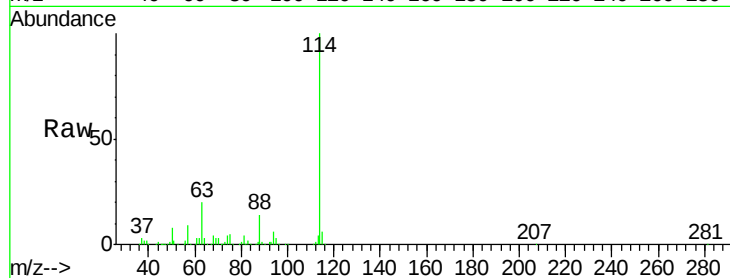




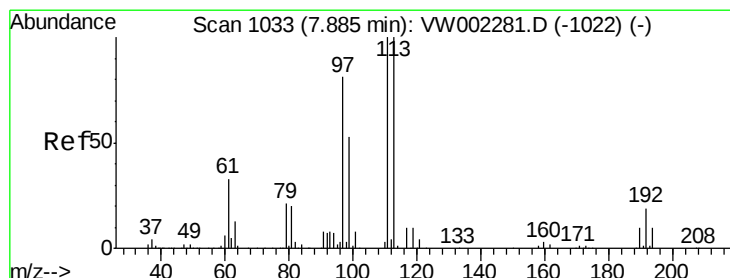
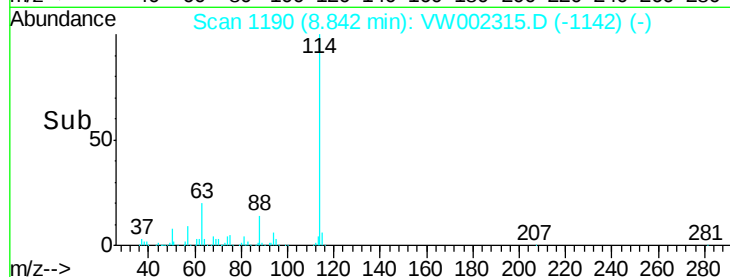
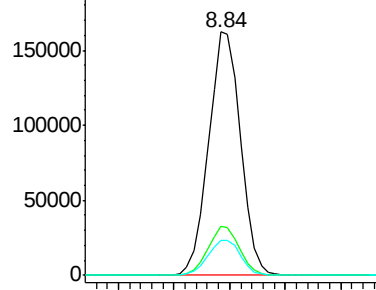
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002315.D
 Acq: 09 May 2018 01:40

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	14.4	0.0	29.6

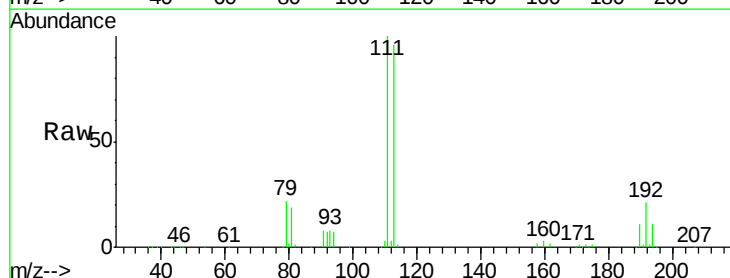


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

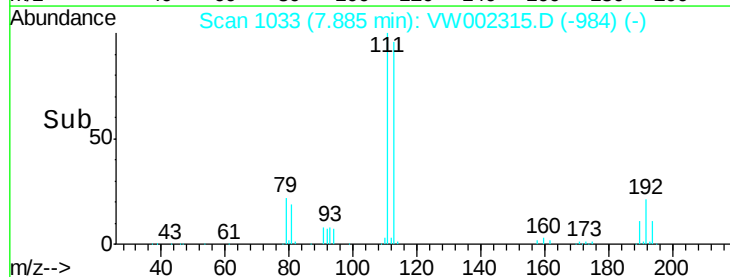
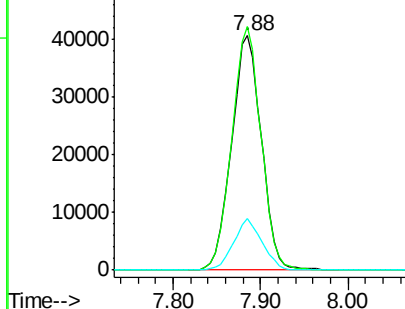


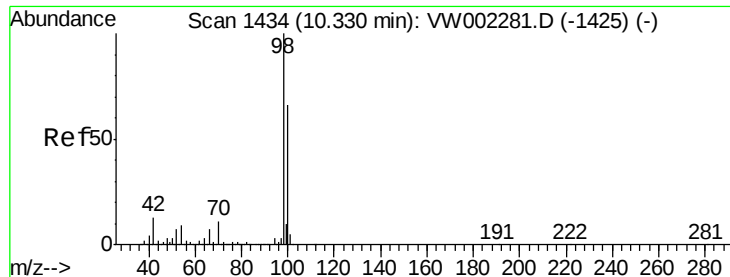
#35
 Dibromofluoromethane
 Concen: 46.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002315.D
 Acq: 09 May 2018 01:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	20.9	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: 31.86 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

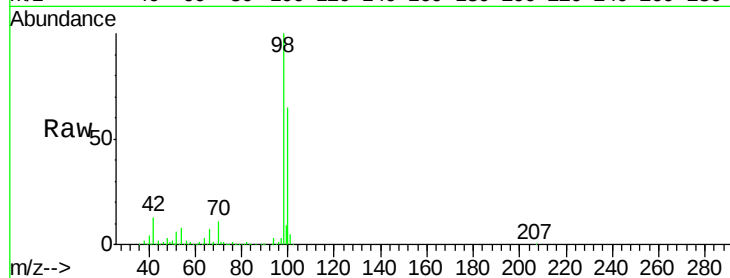
PL-02-050418-A

Tot Ion: 98 Resp: 251092

Ion Ratio Lower Upper

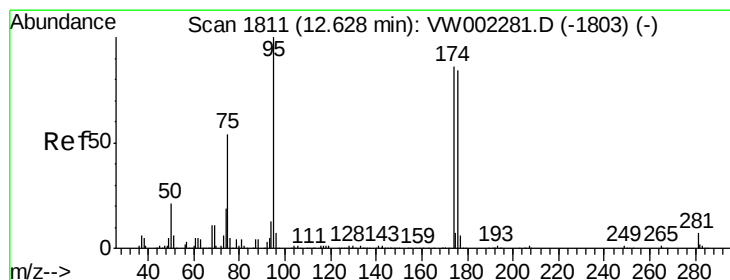
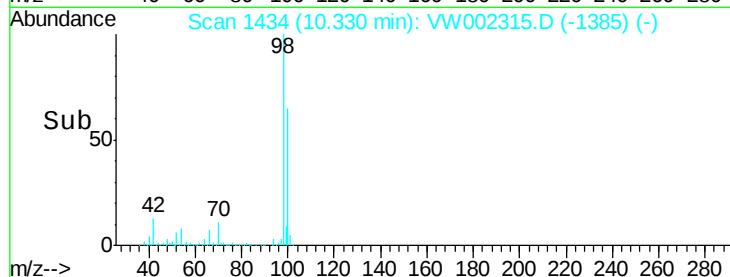
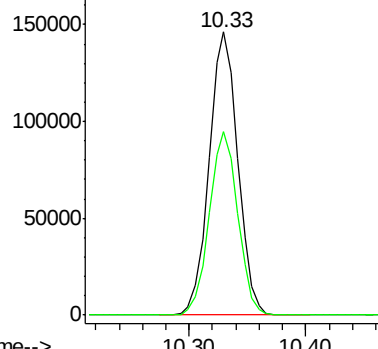
98 100

100 64.1 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: 36.18 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002315.D

Acq: 09 May 2018 01:40

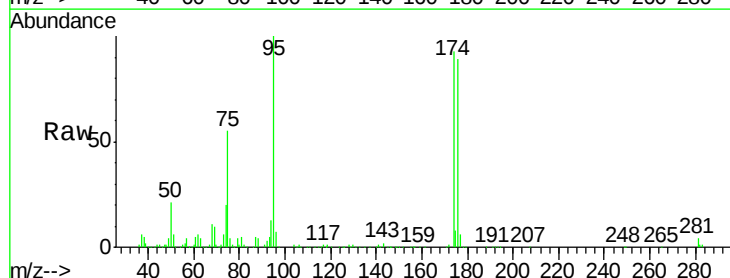
Tgt Ion: 95 Resp: 103030

Ion Ratio Lower Upper

95 100

174 89.7 0.0 176.8

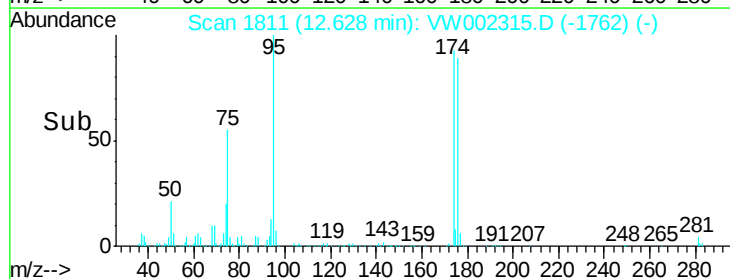
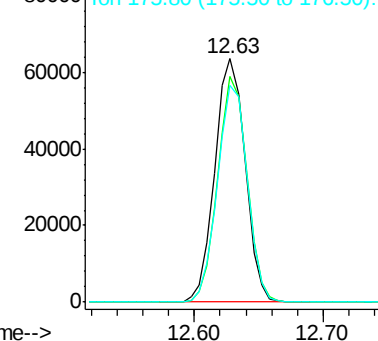
176 87.9 0.0 170.4

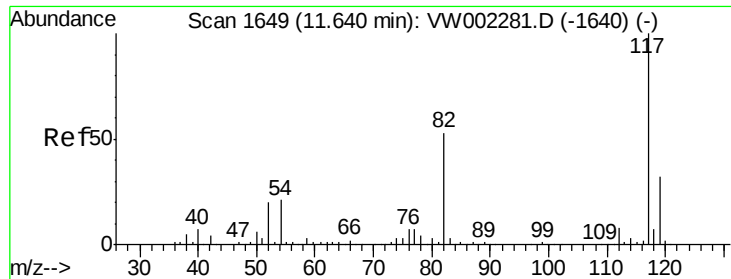


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

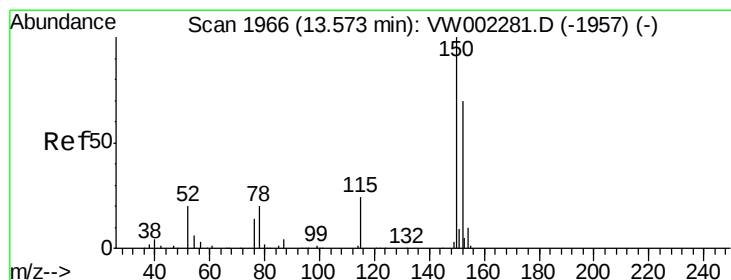
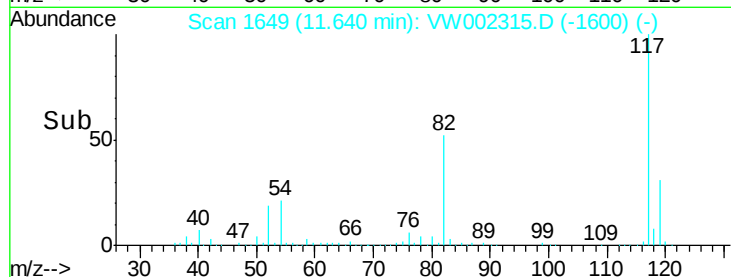
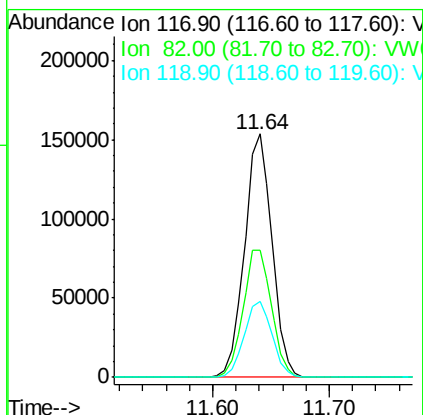
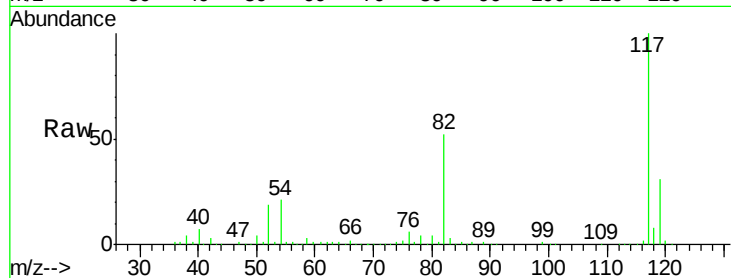




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002315.D
Acq: 09 May 2018 01:40

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-A

Tot Ion:117 Resp: 252404
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.3 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: VW002315.D
Acq: 09 May 2018 01:40

Tgt Ion:152 Resp: 112272
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.5
150 160.6 0.0 342.6

