

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002298.D
 Acq On : 08 May 2018 16:52
 Operator : JC/SY
 Sample : J2722-02
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-STONES

Quant Time: May 08 17:47:08 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

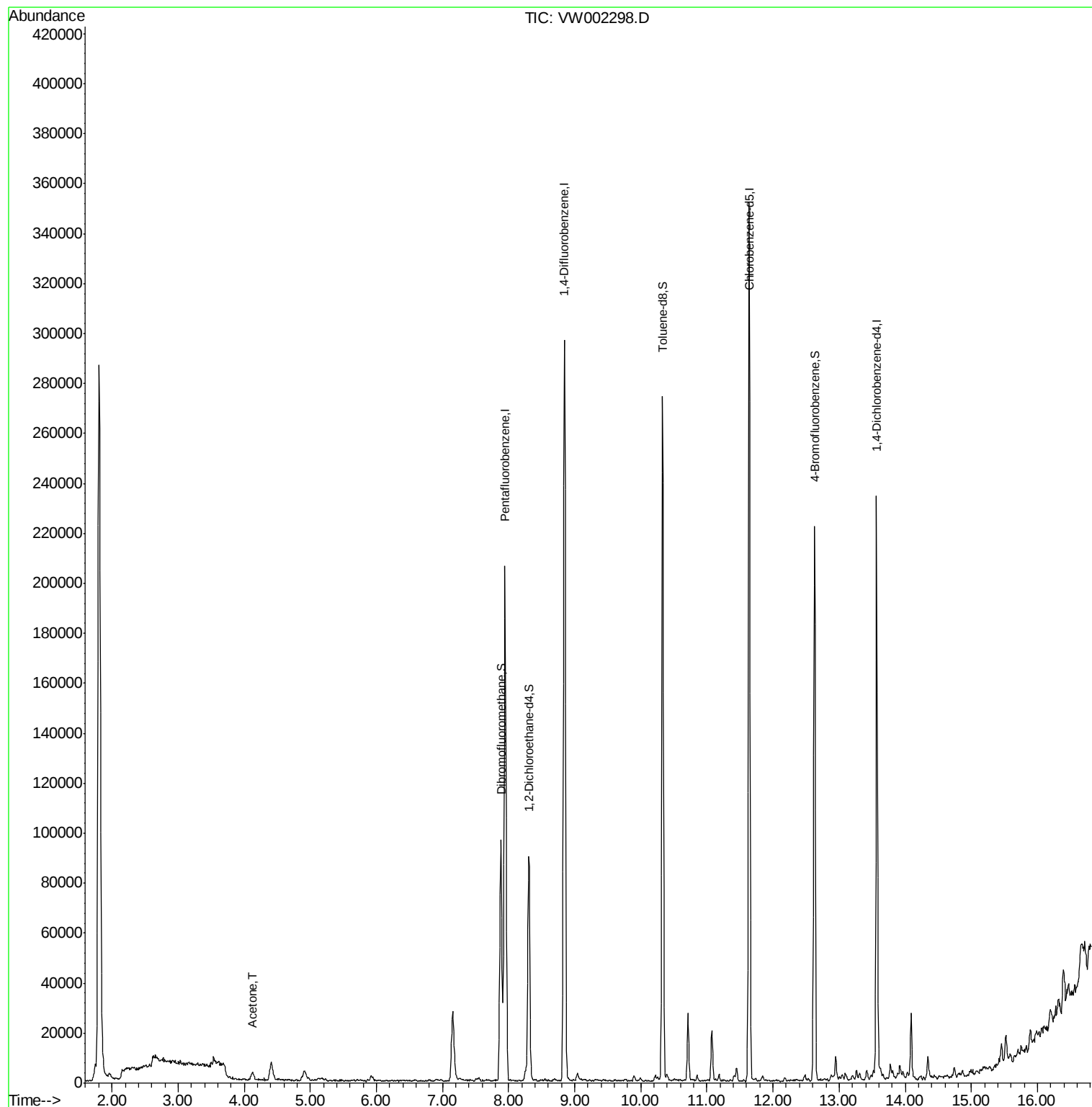
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	160386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	254051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	191227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	69775	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
35) Dibromofluoromethane	7.88	113	64630	39.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.38%	
50) Toluene-d8	10.33	98	179257	28.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.74%	
62) 4-Bromofluorobenzene	12.63	95	55407	24.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.38%	
Target Compounds						
16) Acetone	4.12	43	5780	17.38	ug/l	Qvalue 96

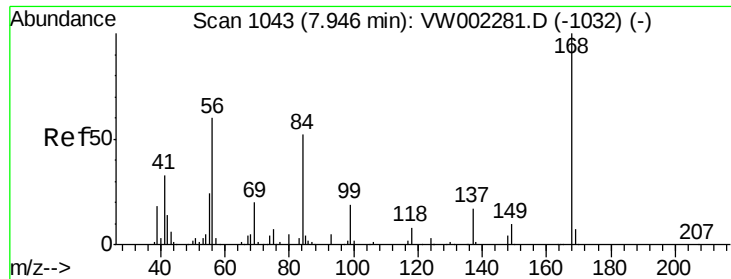
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002298.D

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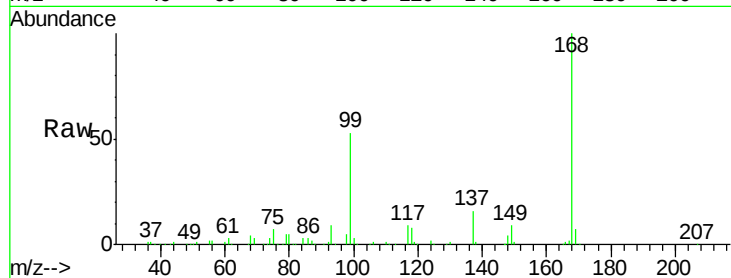
OILY-STONES

Tot Ion:168 Resp: 160386

Ion Ratio Lower Upper

168 100

99 53.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

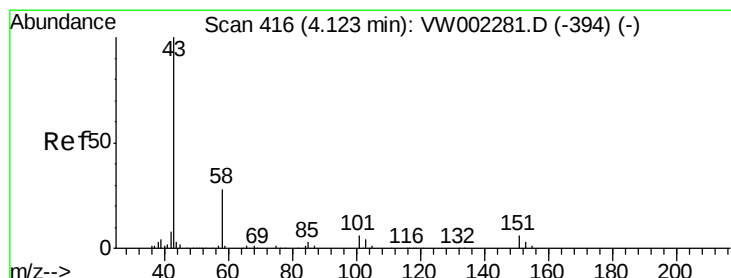
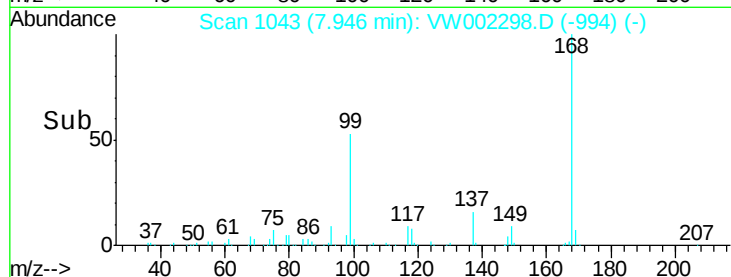
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 17.38 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW002298.D

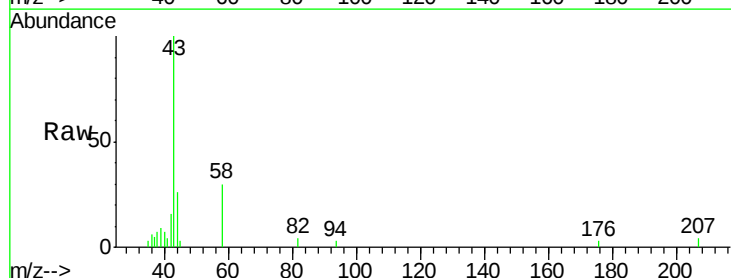
Acq: 08 May 2018 16:52

Tgt Ion: 43 Resp: 5780

Ion Ratio Lower Upper

43 100

58 29.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

1500

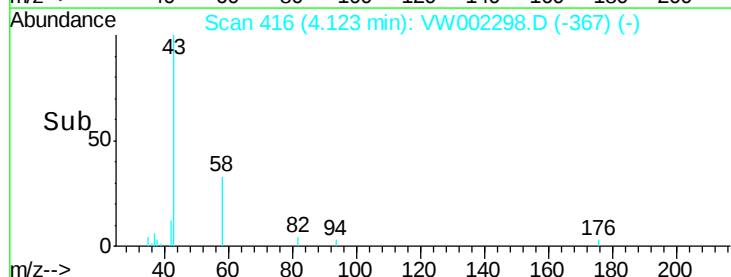
1000

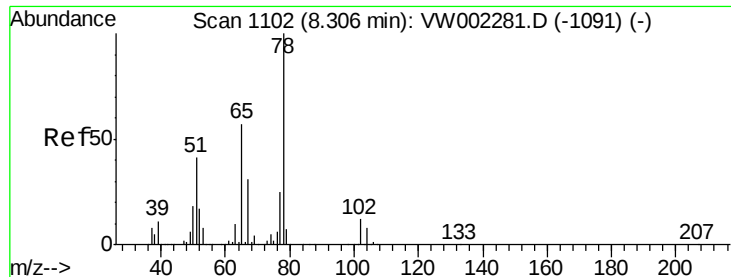
500

0

4.05 4.10 4.15 4.20 4.25

Time-->

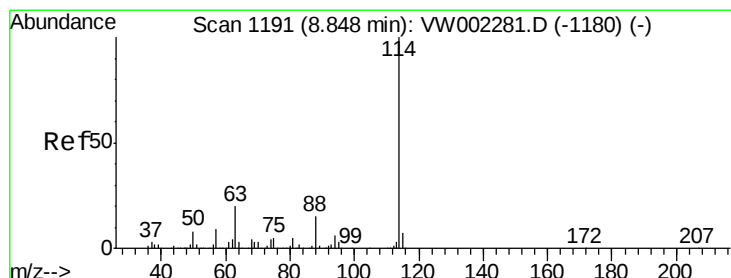
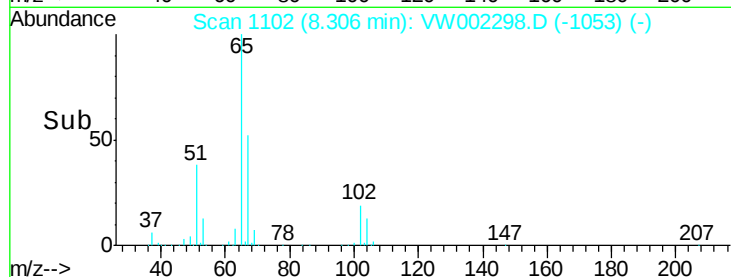
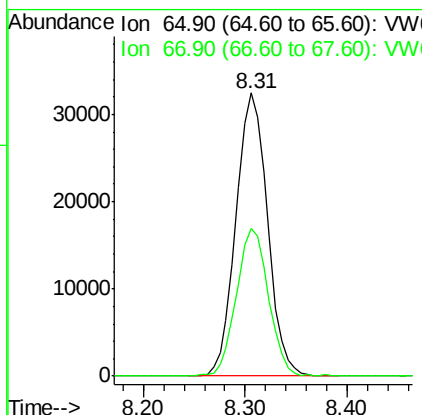
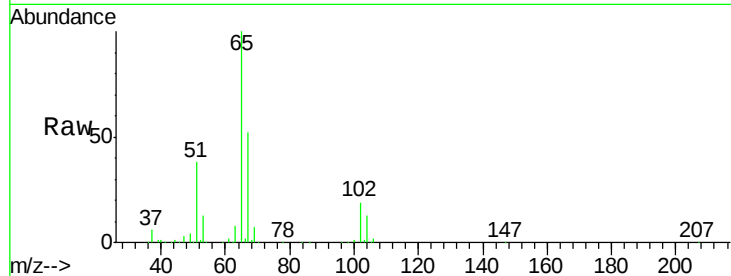




#33
 1,2-Dichloroethane-d4
 Concen: 40.97 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002298.D
 Acq: 08 May 2018 16:52

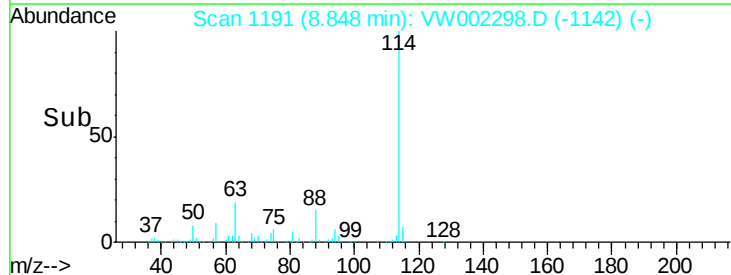
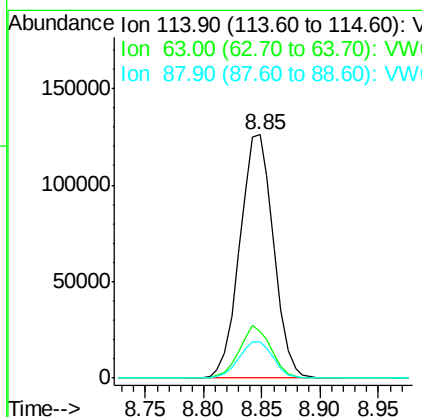
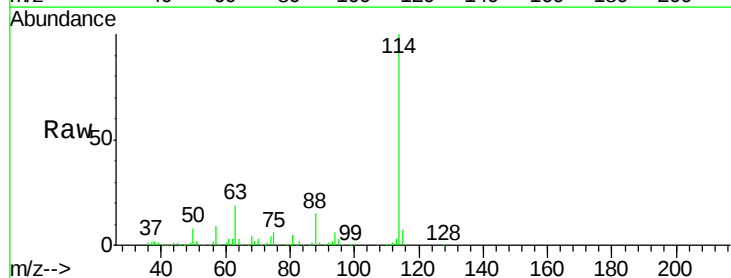
Instrument :
 MSVOA_W
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 OILY-STONES

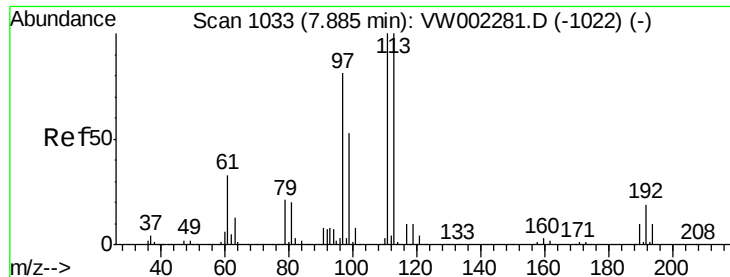
Tot Ion: 65 Resp: 69775
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW002298.D
 Acq: 08 May 2018 16:52

Tgt Ion: 114 Resp: 254051
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 14.8 0.0 29.6

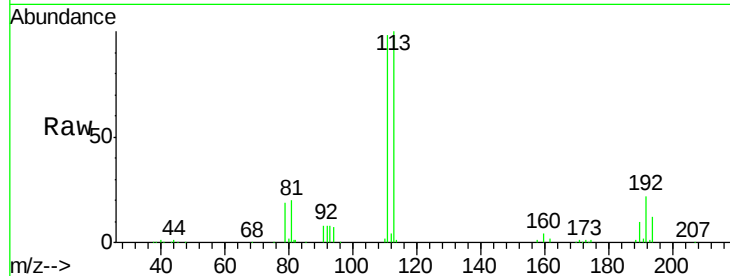




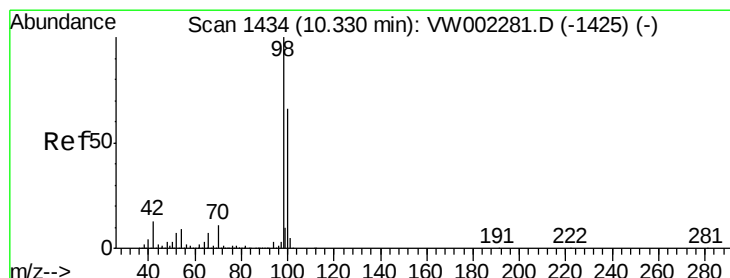
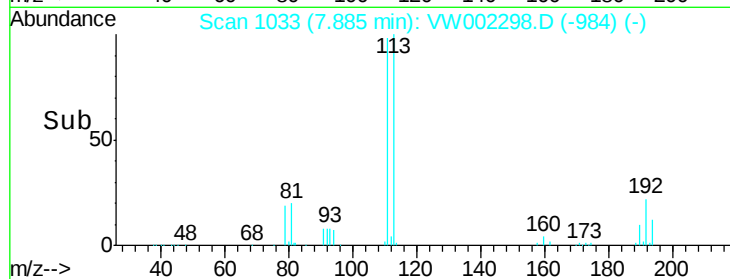
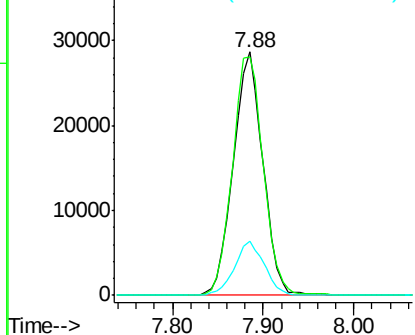
#35
Dibromofluoromethane
Concen: 39.69 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW002298.D
Acq: 08 May 2018 16:52

Instrument :
MSVOA_W
ClientSampleId :
OILY-STONES

Tot Ion:113 Resp: 64630
Ion Ratio Lower Upper
113 100
111 102.9 81.5 122.3
192 22.4 16.4 24.6

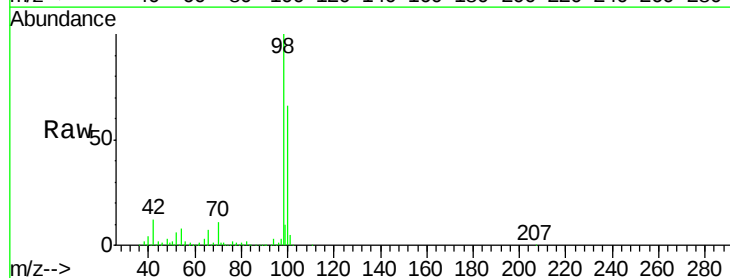


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

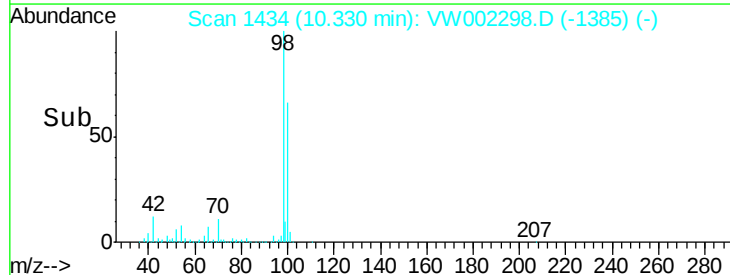
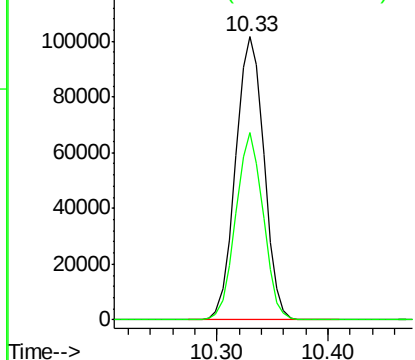


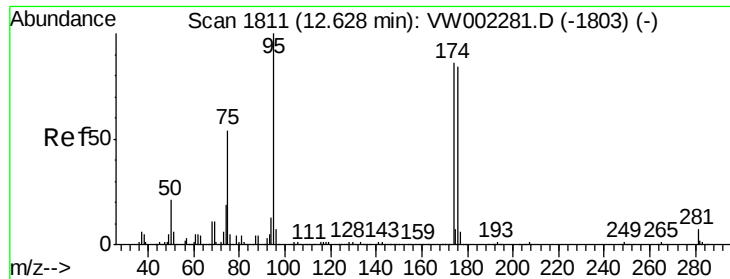
#50
Toluene-d8
Concen: 28.87 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002298.D
Acq: 08 May 2018 16:52

Tgt Ion: 98 Resp: 179257
Ion Ratio Lower Upper
98 100
100 63.9 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: 24.69 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002298.D

Acq: 08 May 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

OILY-STONES

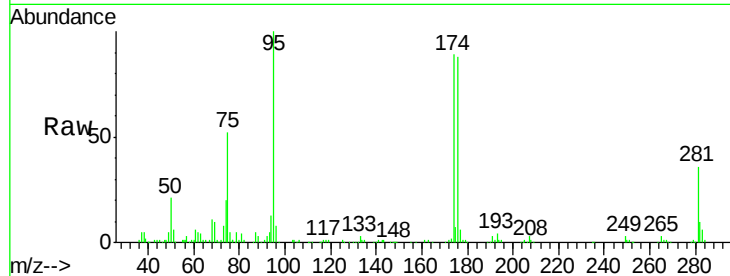
Tot Ion: 95 Resp: 55407

Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.8

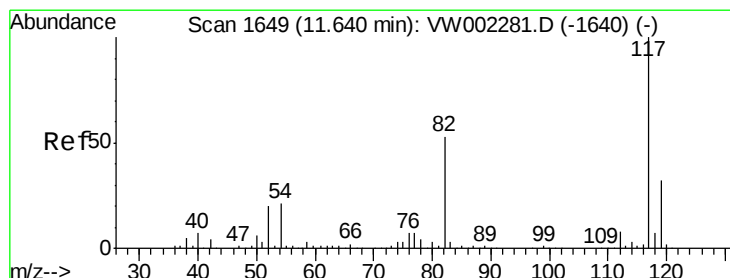
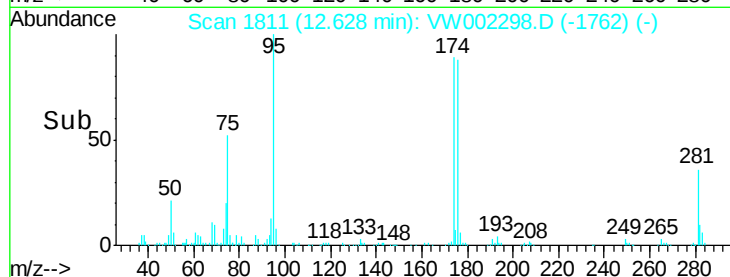
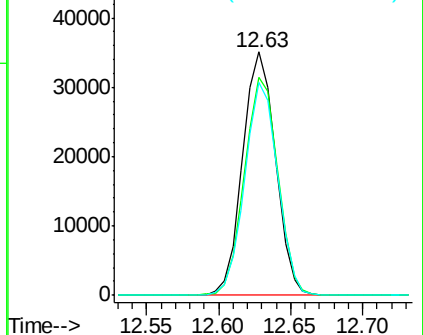
176 87.8 0.0 170.4



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: VW002298.D

Acq: 08 May 2018 16:52

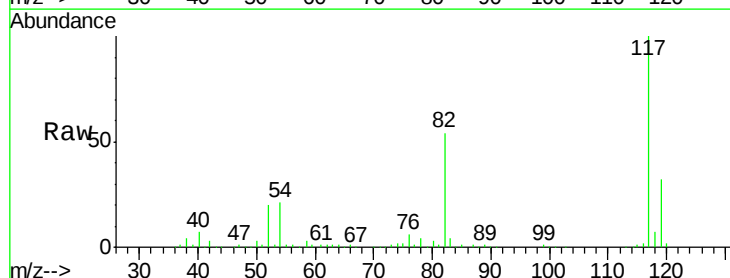
Tgt Ion: 117 Resp: 191227

Ion Ratio Lower Upper

117 100

82 54.1 42.6 63.8

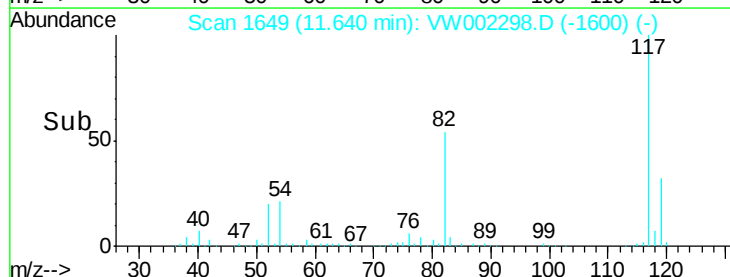
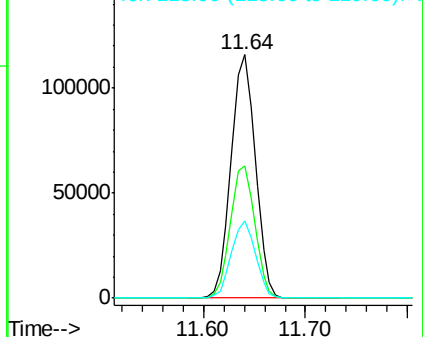
119 31.9 25.2 37.8

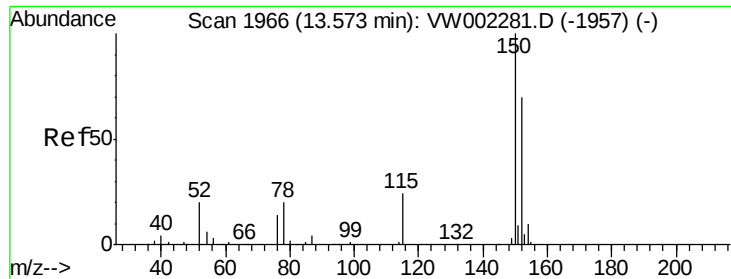


Abundance Ion 116.90 (116.60 to 117.60): VW

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# 1965

Delta R.T. -0.01 min

Lab File: VW002298.D

Acq: 08 May 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

OILY-STONES

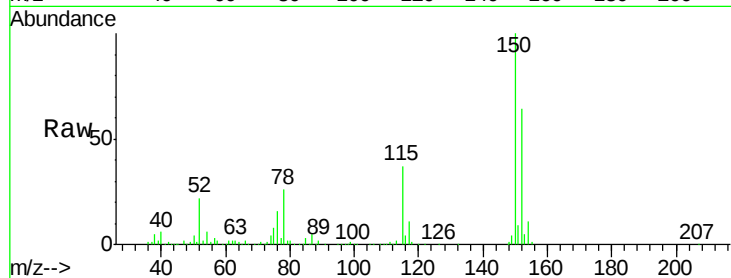
Tot Ion:152 Resp: 59976

Ion Ratio Lower Upper

152 100

115 56.2 28.5 85.5

150 157.6 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

