

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006003.D
 Acq On : 10 Oct 2018 23:24
 Operator : SY/AP
 Sample : J5331-02RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NM-STONE-DRUM-3RE

Quant Time: Oct 11 06:15:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

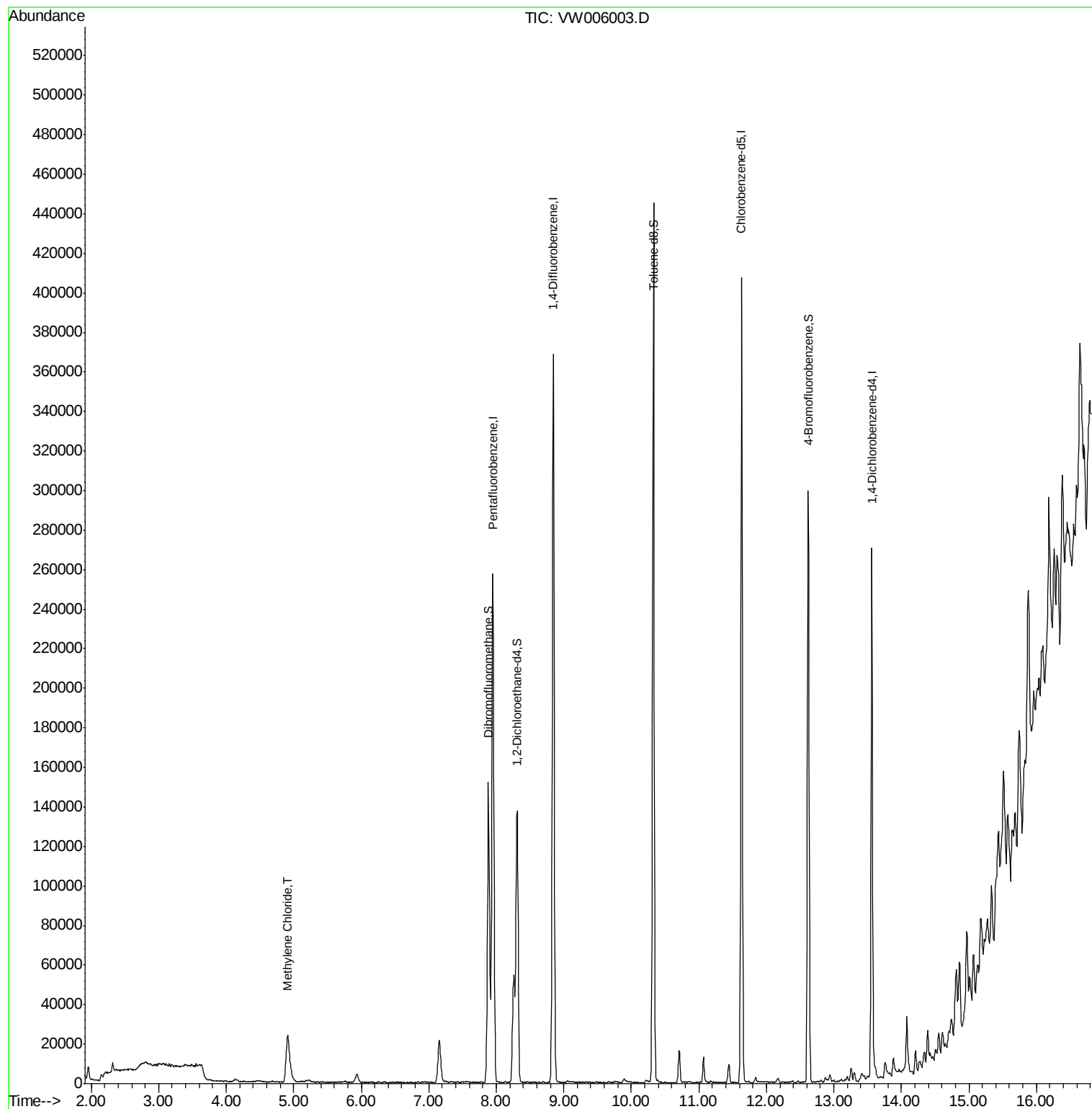
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	330314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	231074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107468	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	105278	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.33	98	305703	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.36%	
62) 4-Bromofluorobenzene	12.62	95	84820	27.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.96%	
Target Compounds						
20) Methylene Chloride	4.92	84	23614	11.611	ug/l	Qvalue 90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006003.D

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MSVOA_W

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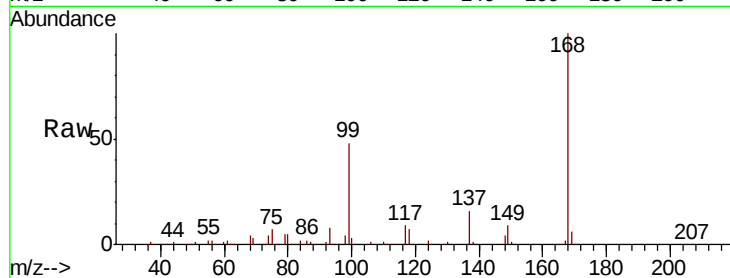
NM-STONE-DRUM-3RE

Tot Ion:168 Resp: 209350

Ion Ratio Lower Upper

168 100

99 48.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

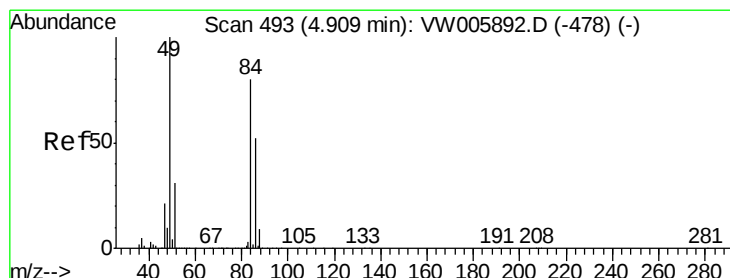
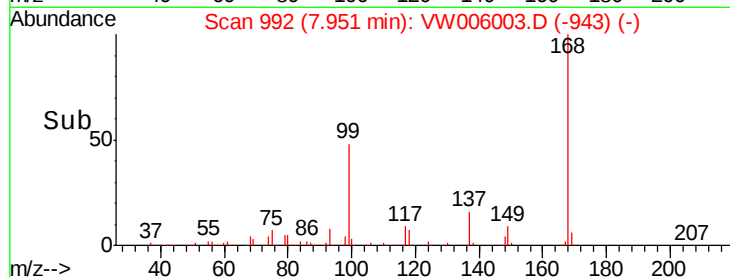
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 11.611 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Tgt Ion: 84 Resp: 23614

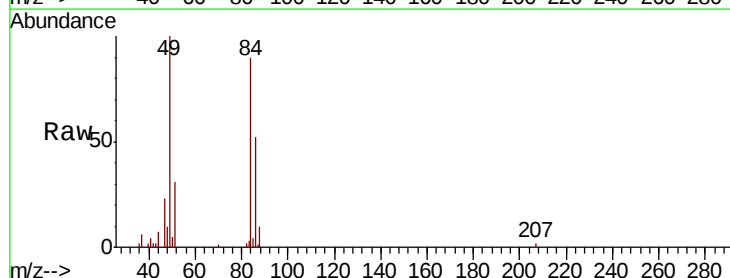
Ion Ratio Lower Upper

84 100

49 110.9 99.9 149.9

51 34.6 31.1 46.7

86 57.9 51.8 77.6



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

10000

8000

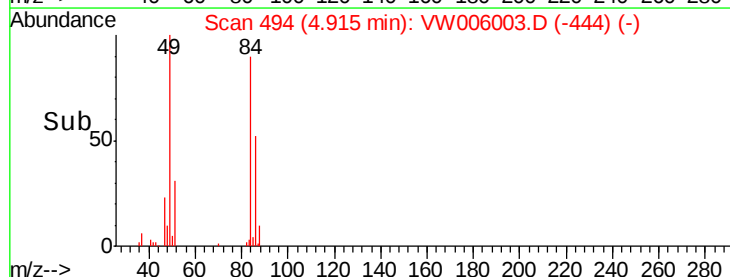
6000

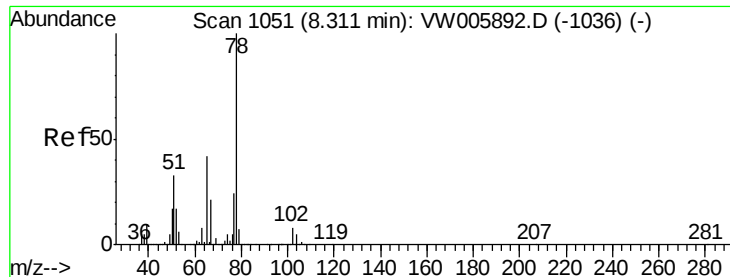
4000

2000

0

Time--> 4.80 4.90 5.00 5.10

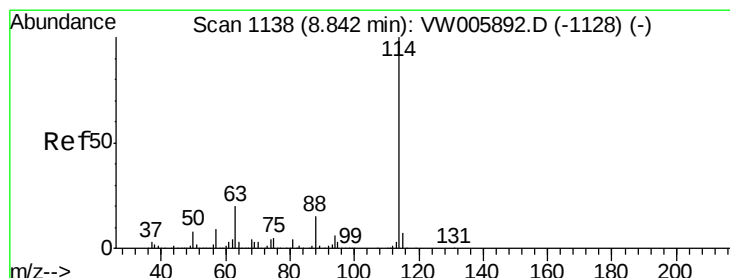
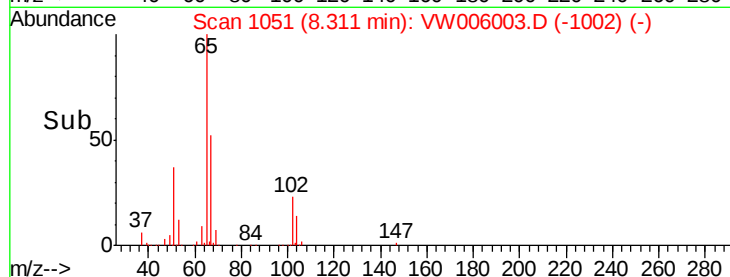
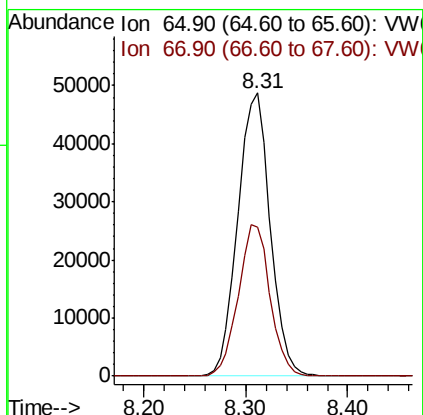
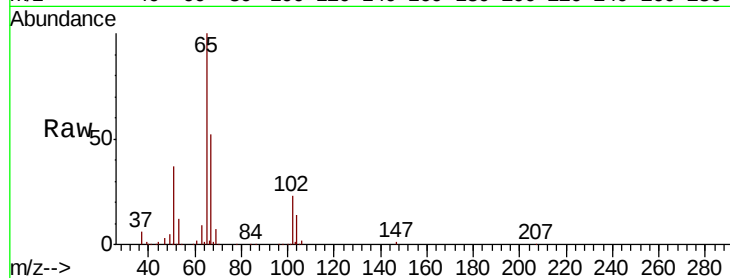




#33
 1,2-Dichloroethane-d4
 Concen: 52.879 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

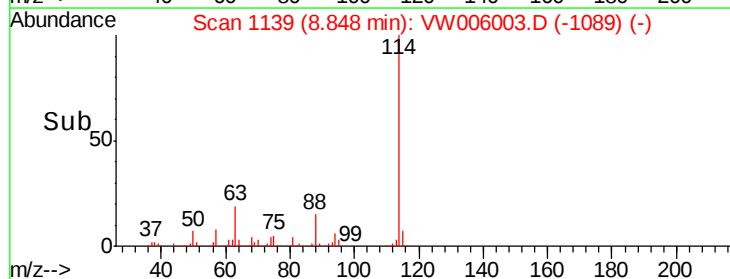
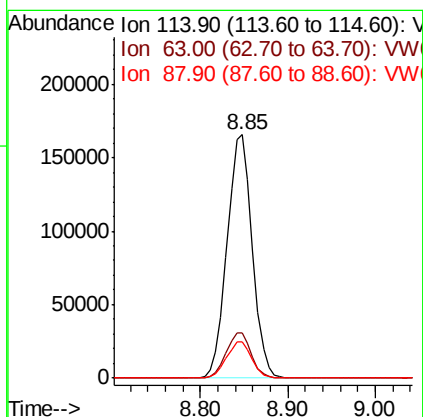
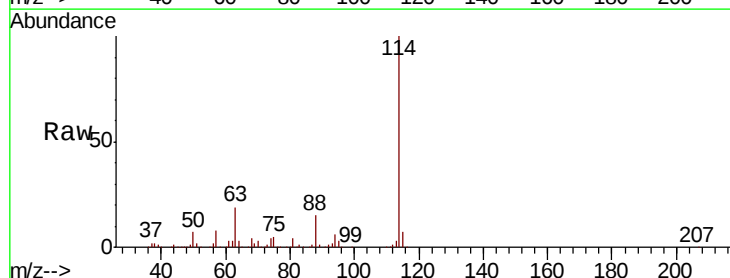
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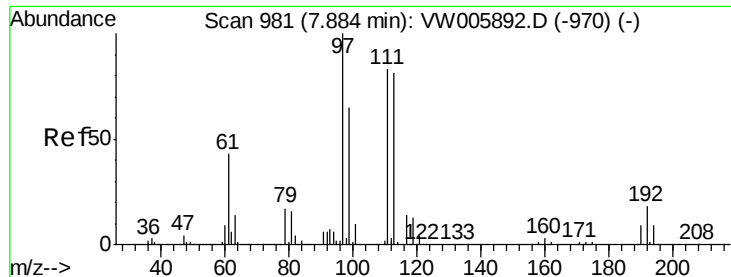
Tot Ion: 65 Resp: 107468
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

Tgt Ion: 114 Resp: 330314
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.0 0.0 30.8

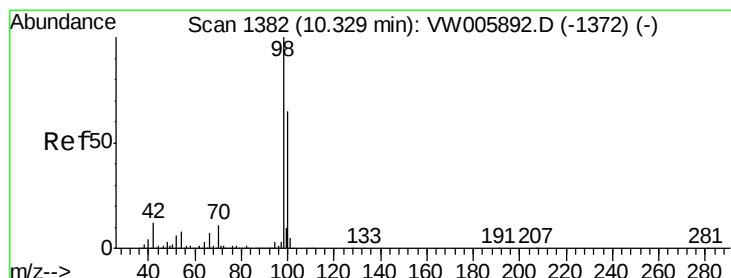
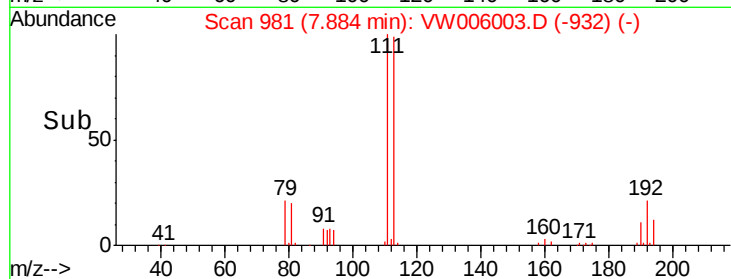
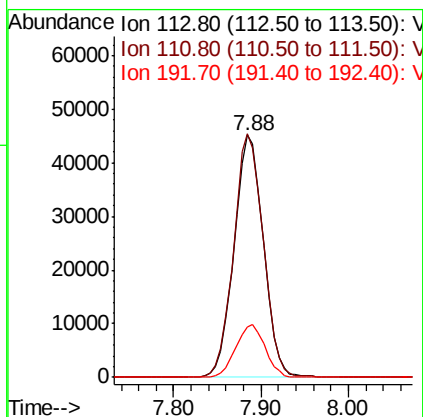
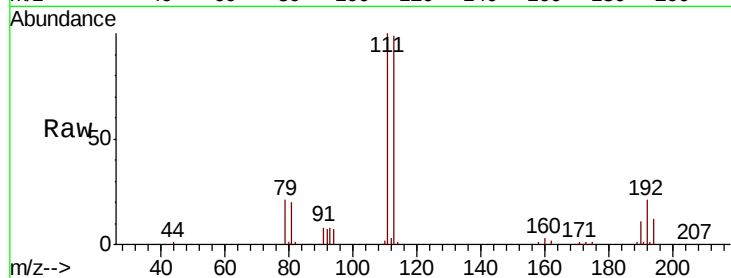




#35
 Dibromofluoromethane
 Concen: 49.921 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

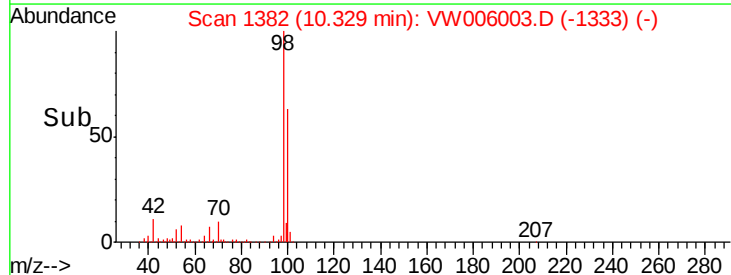
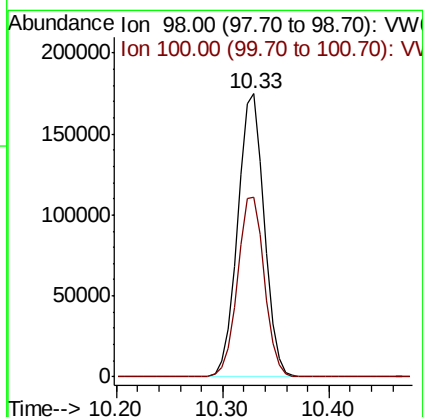
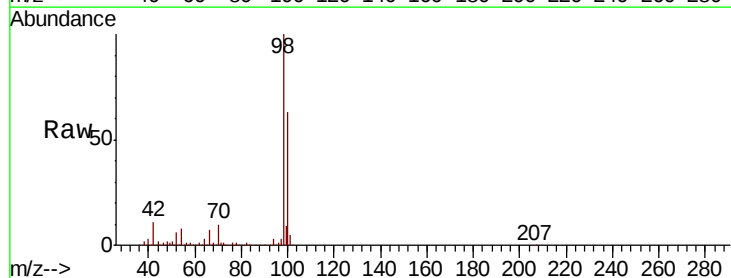
Instrument :
 MSVOA_W
 ClientSampleId :
 NM-STONE-DRUM-3RE

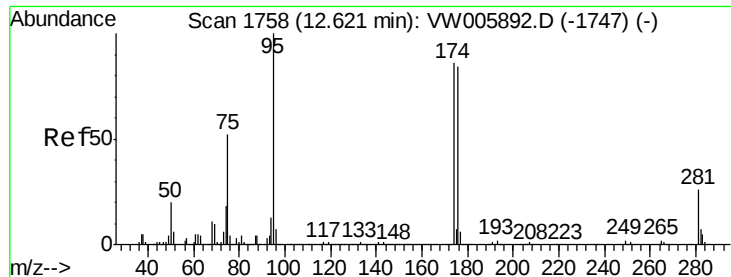
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	21.8	18.3	27.5



#50
 Toluene-d8
 Concen: 37.677 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 27.476 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

NM-STONE-DRUM-3RE

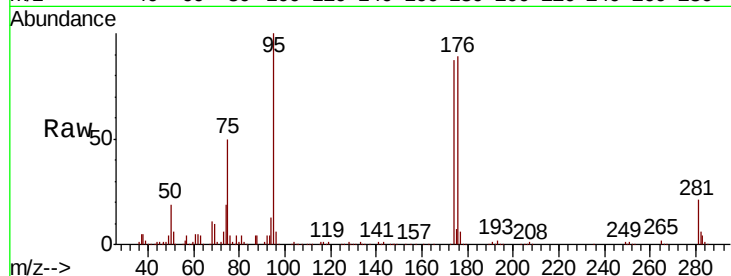
Tot Ion: 95 Resp: 84820

Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

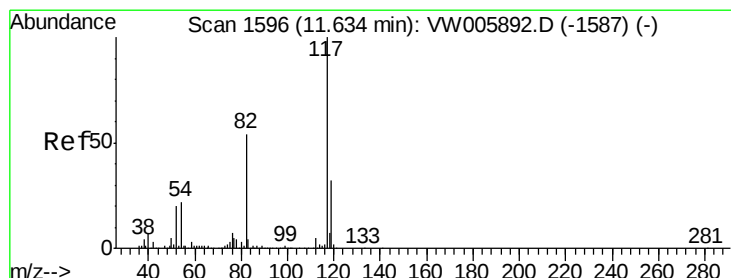
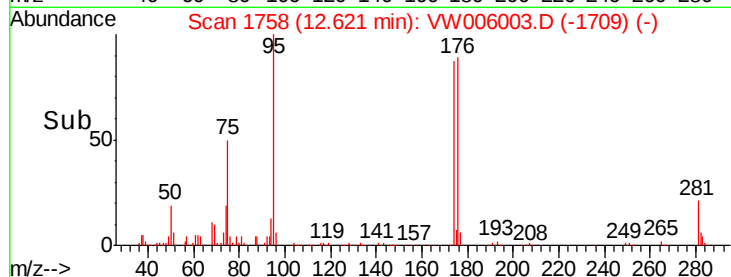
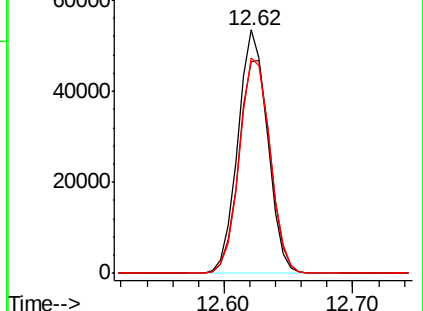
176 91.4 0.0 173.0



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

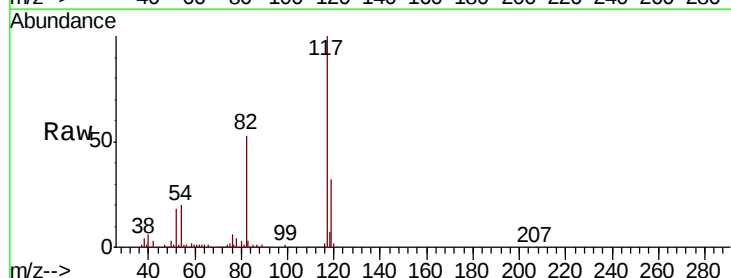
Tgt Ion: 117 Resp: 231074

Ion Ratio Lower Upper

117 100

82 52.8 43.5 65.3

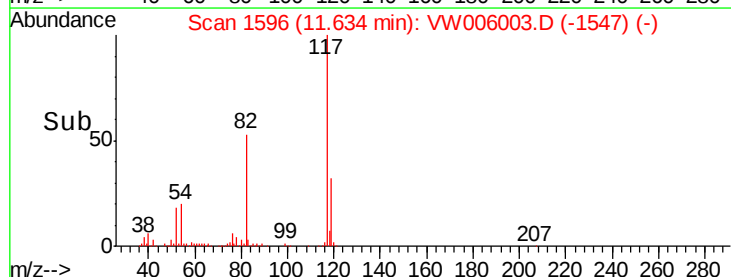
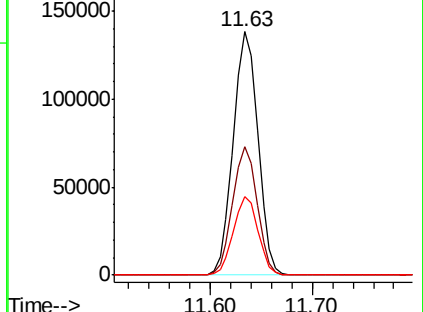
119 32.1 25.4 38.2

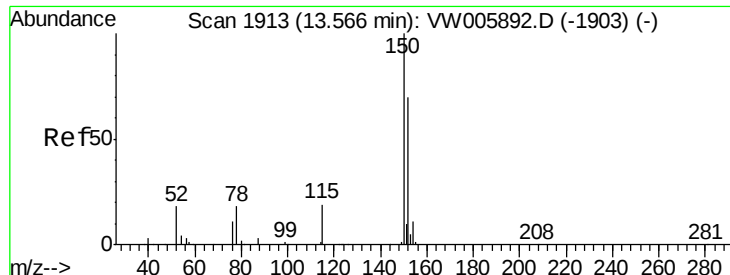


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

NM-STONE-DRUM-3RE

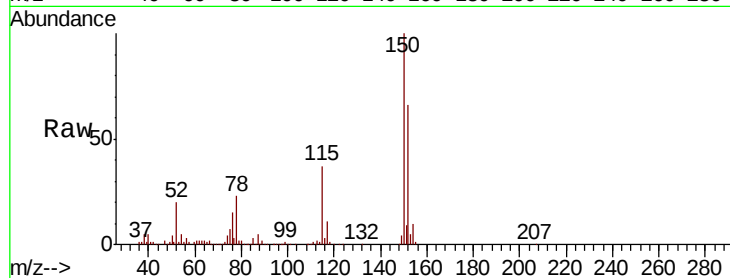
Tot Ion:152 Resp: 74393

Ion Ratio Lower Upper

152 100

115 54.8 28.3 85.0

150 155.5 0.0 349.2



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

