

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006268.D
 Acq On : 23 Oct 2018 00:37
 Operator : VA/AP
 Sample : VW1022SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBL02

Quant Time: Oct 23 06:05:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

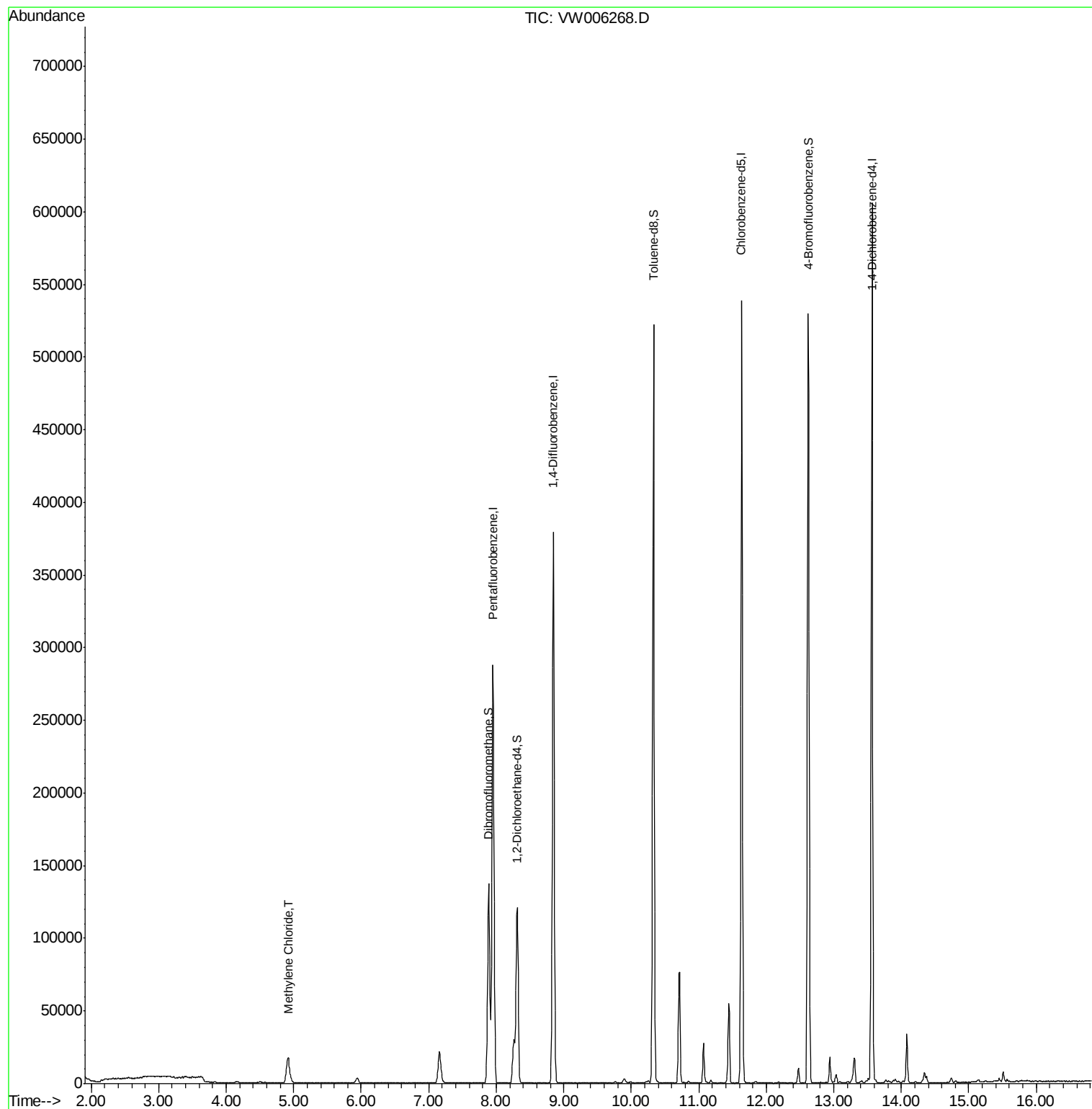
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96547	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	7.89	113	97413	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.33	98	362365	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.62	95	137132	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
20) Methylene Chloride	4.92	84	15247	6.057	ug/l	Qvalue 92

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

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Quant Time: Oct 23 06:05:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006268.D

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Instrument :

MSVOA_W

ClientSampleId :

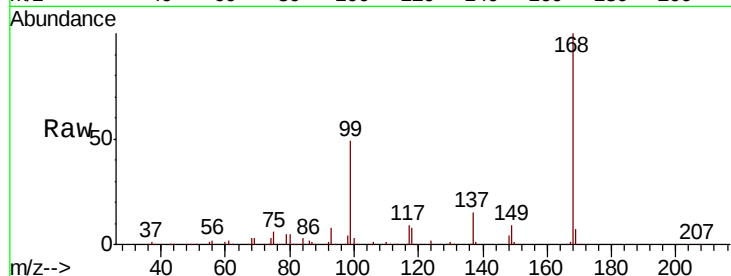
VW1022SBL02

Tot Ion:168 Resp: 232136

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

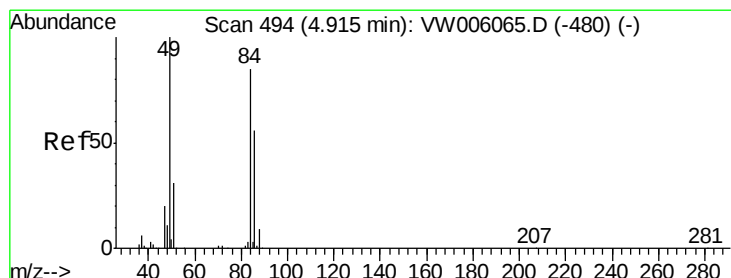
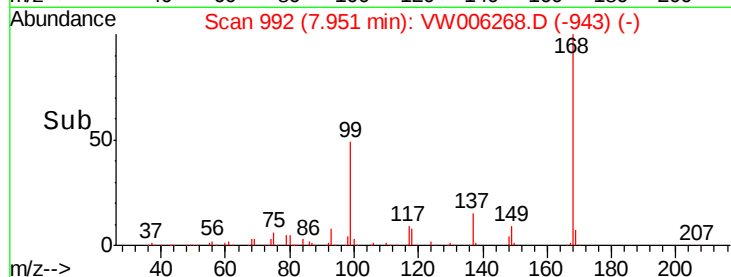
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.057 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006268.D

Acq: 23 Oct 2018 00:37

Tgt Ion: 84 Resp: 15247

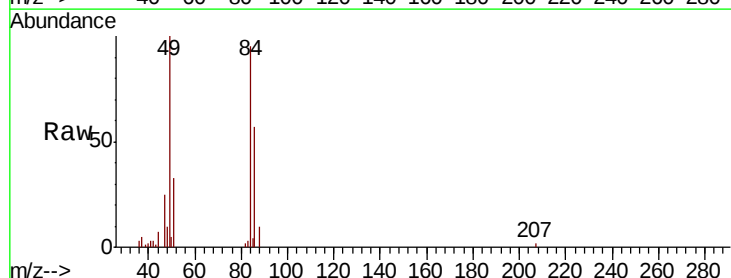
Ion Ratio Lower Upper

84 100

49 105.4 93.6 140.4

51 35.0 29.0 43.4

86 60.1 52.6 79.0



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

8000

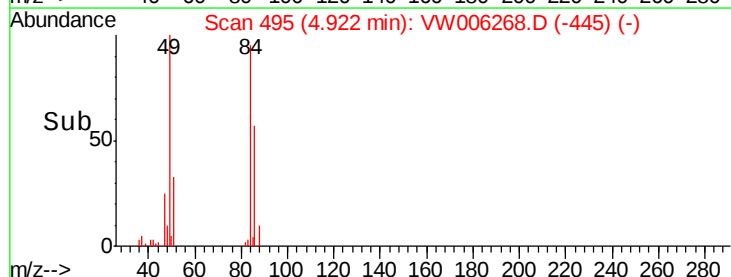
6000

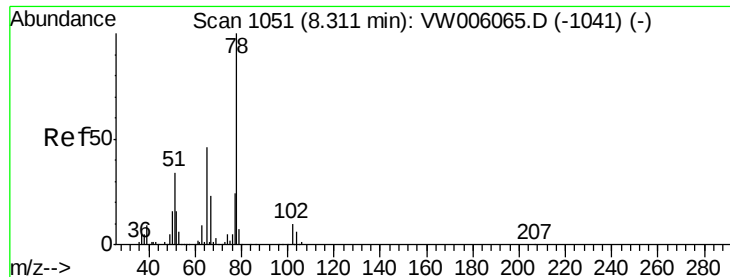
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.166 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006268.D

Acq: 23 Oct 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

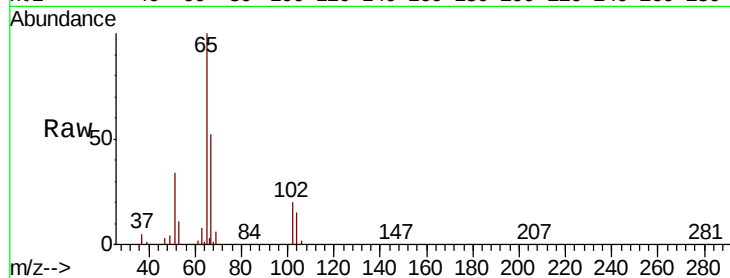
VW1022SBL02

Tot Ion: 65 Resp: 96547

Ion Ratio Lower Upper

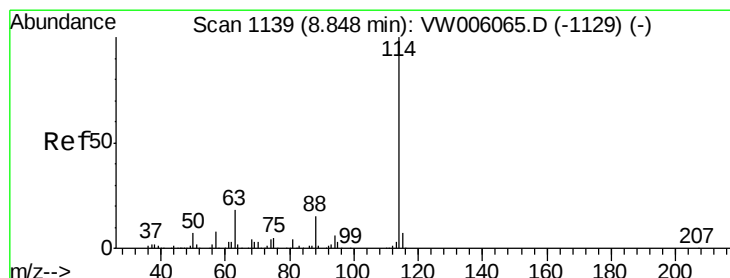
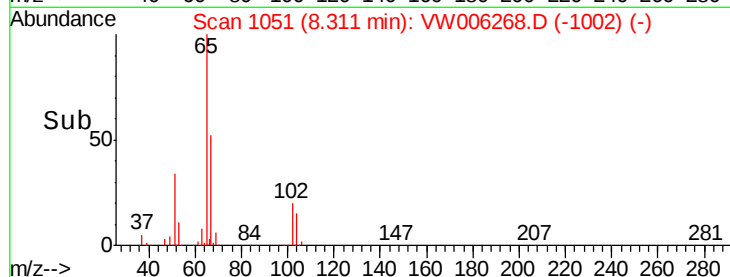
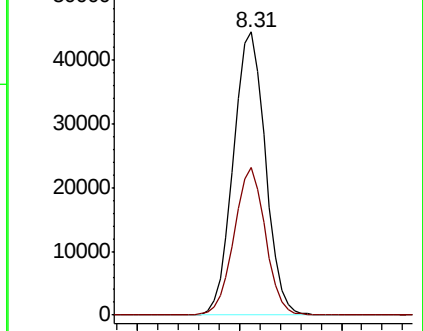
65 100

67 50.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006268.D

Acq: 23 Oct 2018 00:37

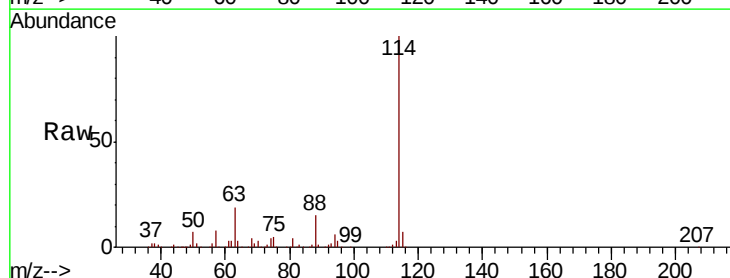
Tgt Ion: 114 Resp: 339444

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

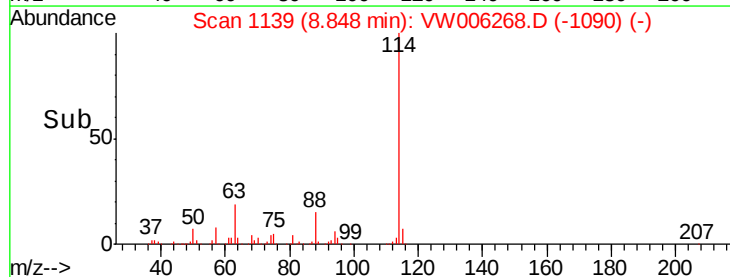
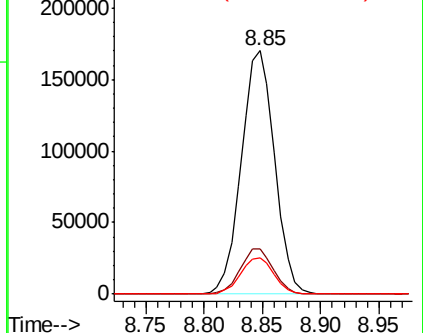
88 15.1 0.0 29.0



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

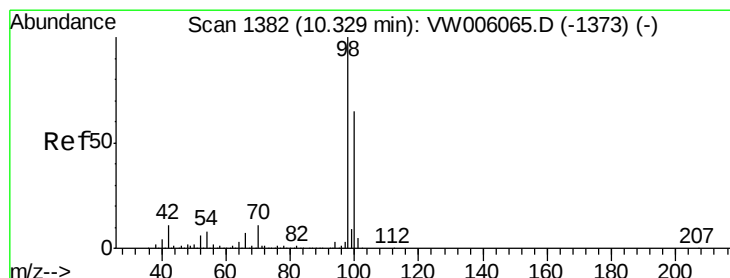
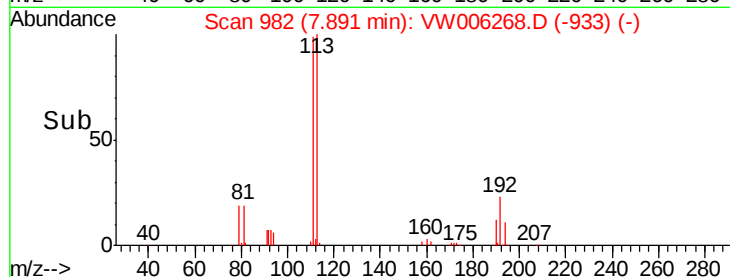
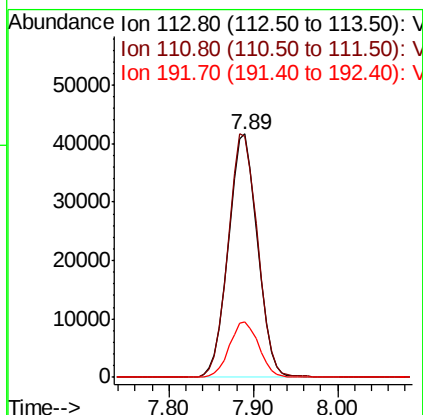
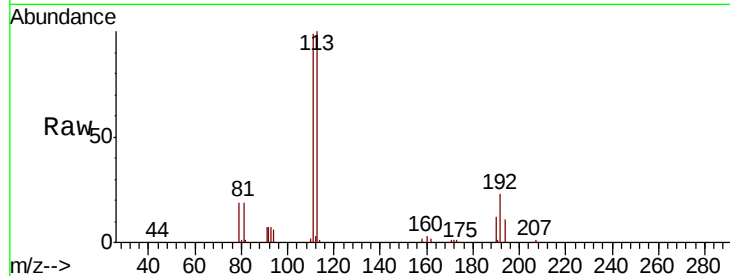




#35
 Dibromofluoromethane
 Concen: 48.567 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006268.D
 Acq: 23 Oct 2018 00:37

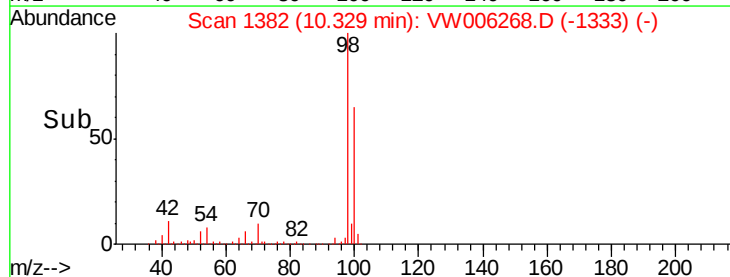
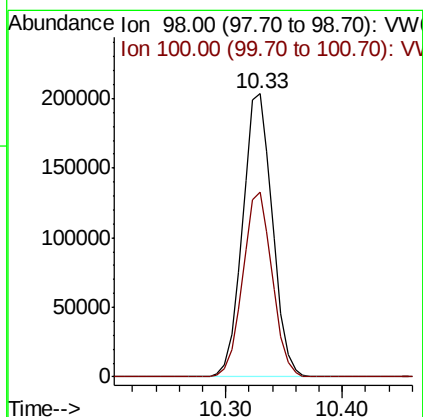
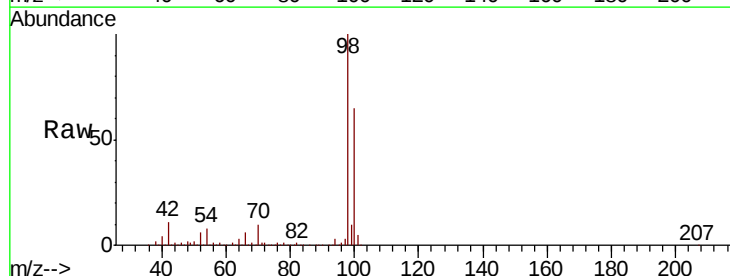
Instrument :
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 VW1022SBL02

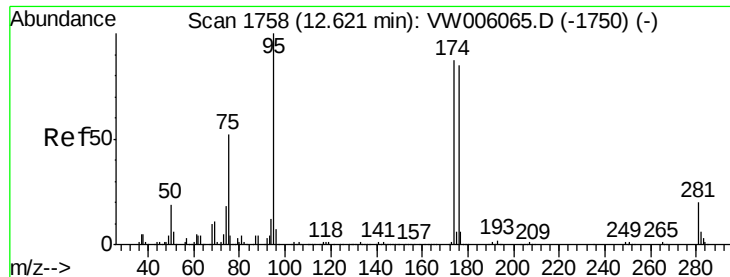
Tot Ion:113 Resp: 97413
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.0
 192 22.9 18.7 28.1



#50
 Toluene-d8
 Concen: 47.486 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006268.D
 Acq: 23 Oct 2018 00:37

Tgt Ion: 98 Resp: 362365
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.6 77.4

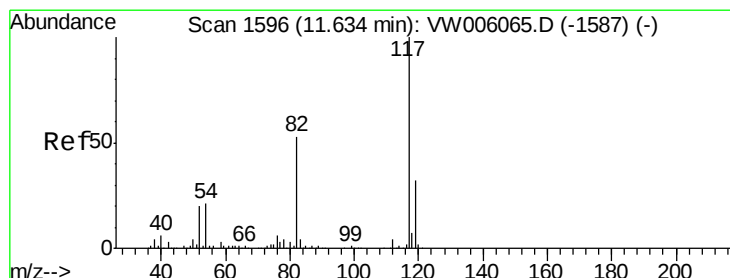
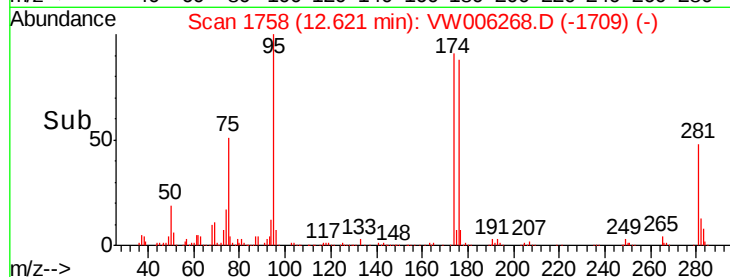
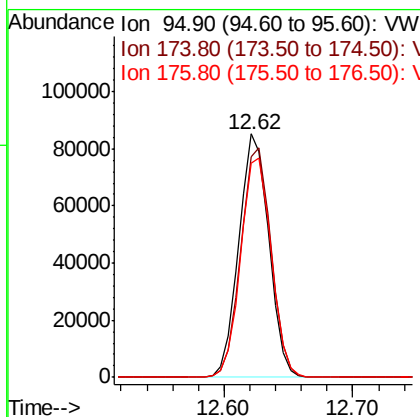
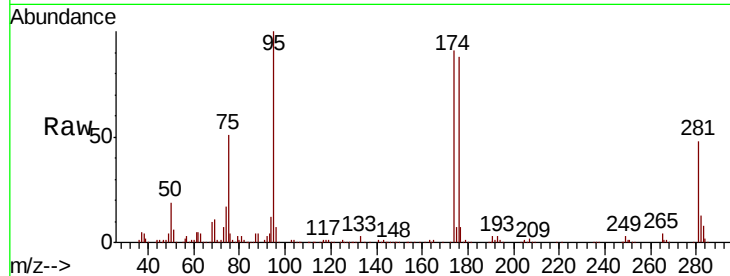




#62
4-Bromofluorobenzene
Concen: 47.847 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006268.D
Acq: 23 Oct 2018 00:37

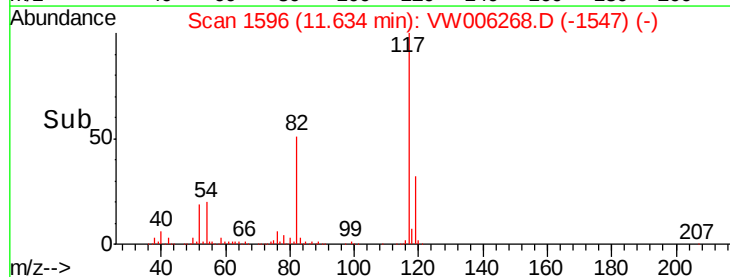
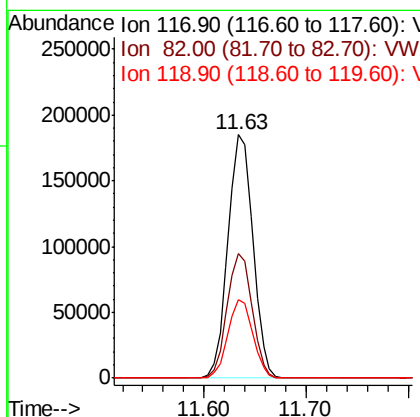
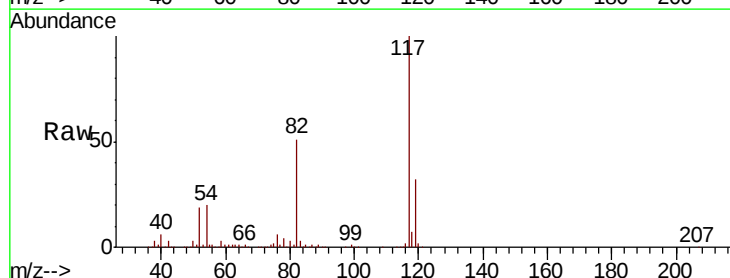
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBL02

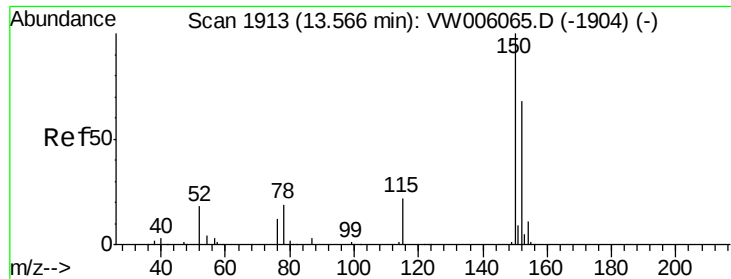
Tot Ion: 95 Resp: 137132
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.0
176 91.7 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006268.D
Acq: 23 Oct 2018 00:37

Tgt Ion: 117 Resp: 312948
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006268.D

Acq: 23 Oct 2018 00:37

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBL02

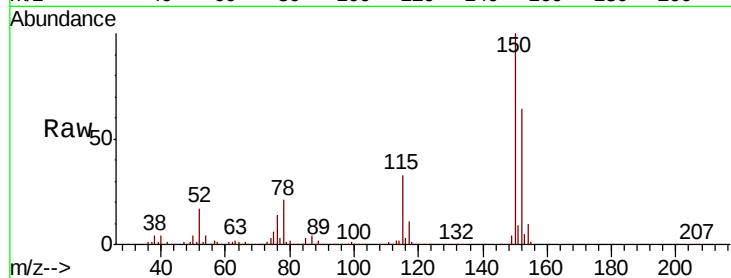
Tot Ion:152 Resp: 167639

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.3

150 156.3 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

