

Data File : VW006386.D
Acq On : 26 Oct 2018 03:52
Operator : SY/AP
Sample : J5610-07RE
Misc : 5.08G/5ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)RE

Quant Time: Oct 26 08:09:29 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

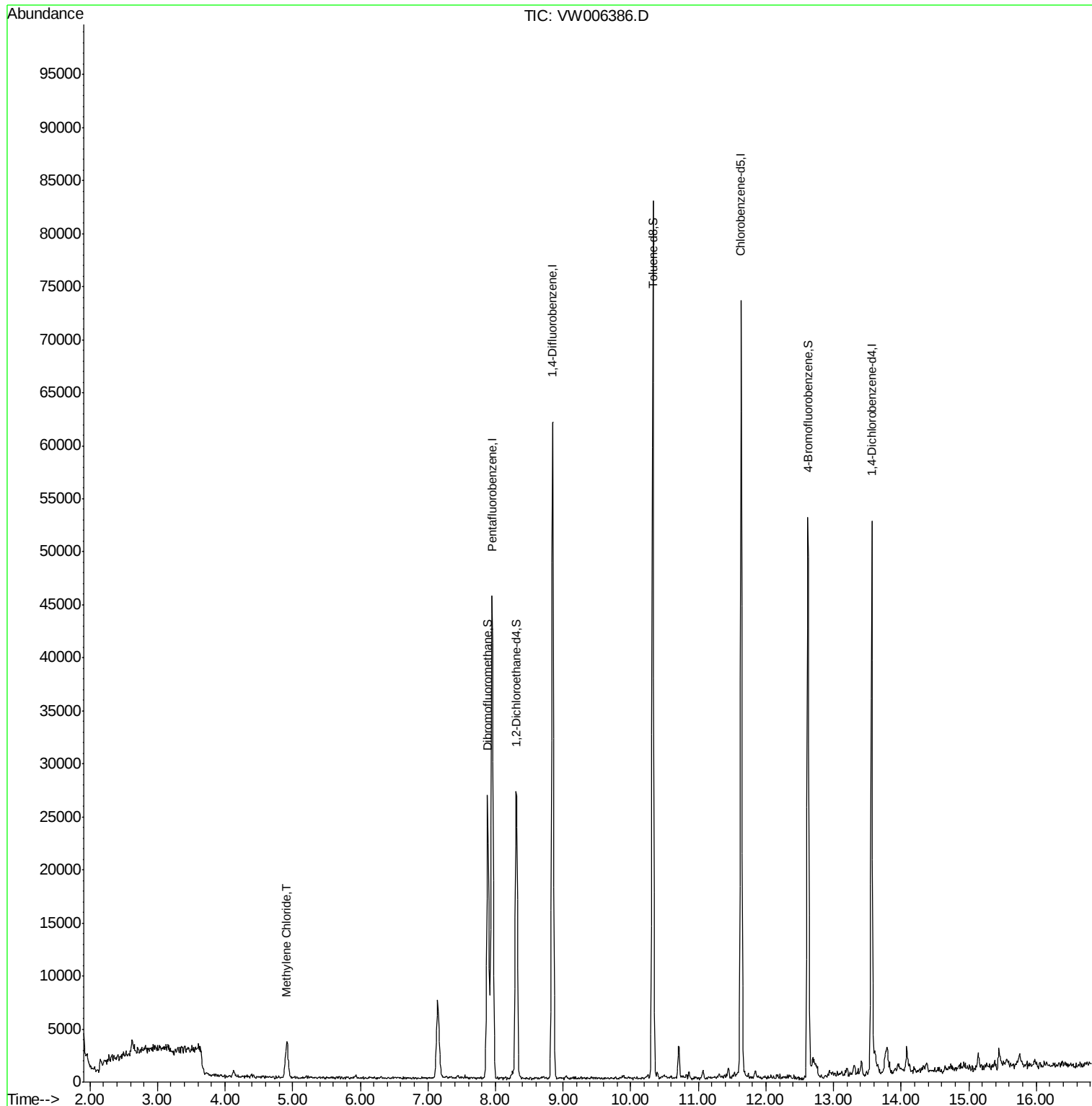
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	37602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	55698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	22076	70.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.64%	
35) Dibromofluoromethane	7.88	113	18687	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
50) Toluene-d8	10.33	98	57660	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.62	95	15716	33.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.84%	
Target Compounds						
20) Methylene Chloride	4.92	84	2755	6.951	ug/l #	Qvalue 75

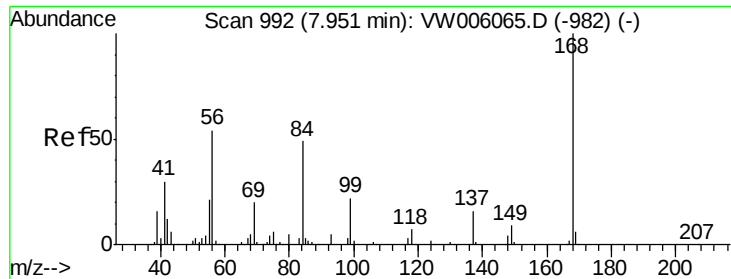
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Acq: 26 Oct 2018 03:52

Instrument :

MSVOA_W

ClientSampled :

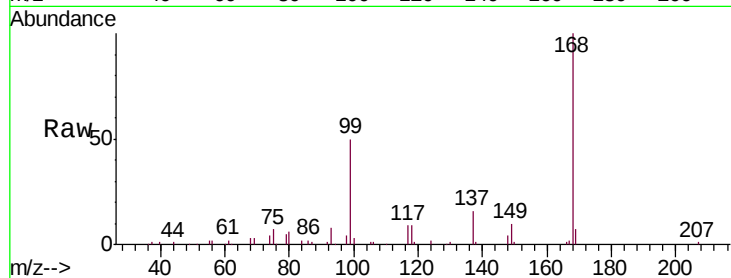
SB-4(0-2)RE

Tgt Ion:168 Resp: 37602

Ion Ratio Lower Upper

168 100

99 50.1 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

15000

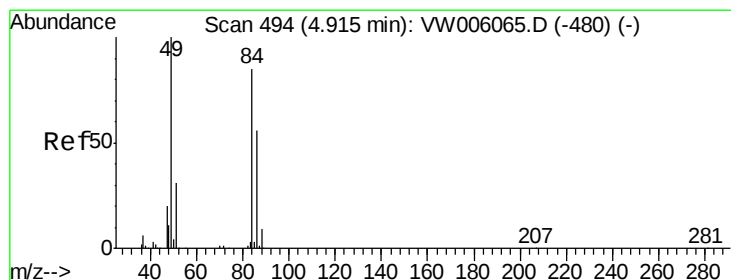
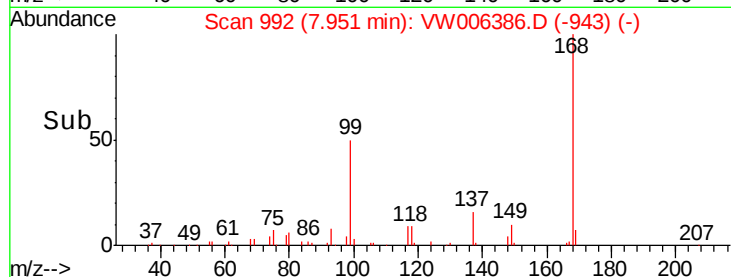
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 6.951 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006386.D

Acq: 26 Oct 2018 03:52

Tgt Ion: 84 Resp: 2755

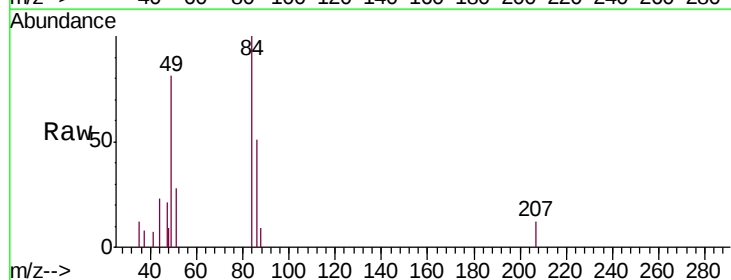
Ion Ratio Lower Upper

84 100

49 81.3 93.6 140.4#

51 28.2 29.0 43.4#

86 50.8 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

4.92

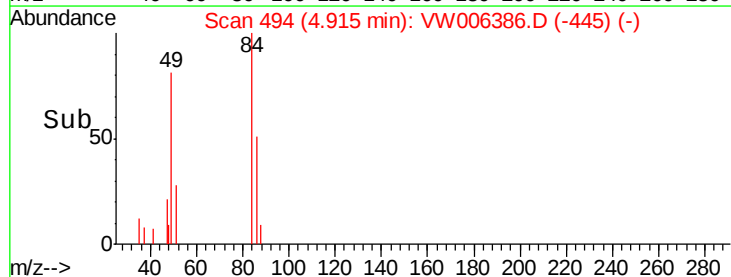
1000

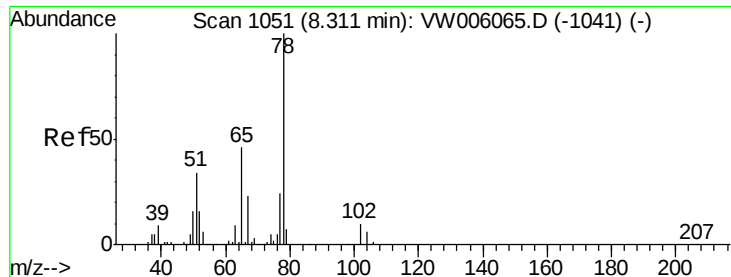
500

0

Time-->

4.80 4.85 4.90 4.95 5.00





#33

1,2-Dichloroethane-d4

Concen: 70.815 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006386.D

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Instrument :

MSVOA_W

ClientSampleId :

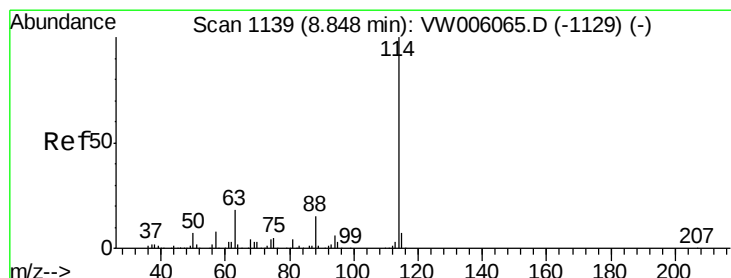
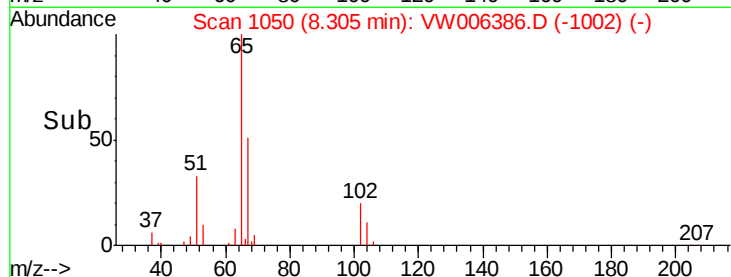
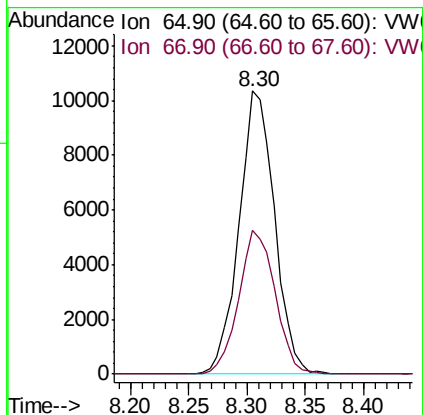
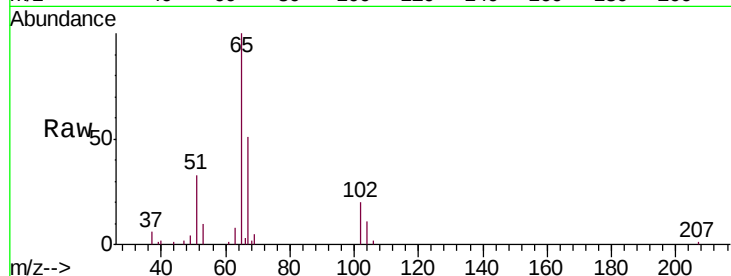
SB-4(0-2)RE

Tgt Ion: 65 Resp: 22076

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006386.D

Acq: 26 Oct 2018 03:52

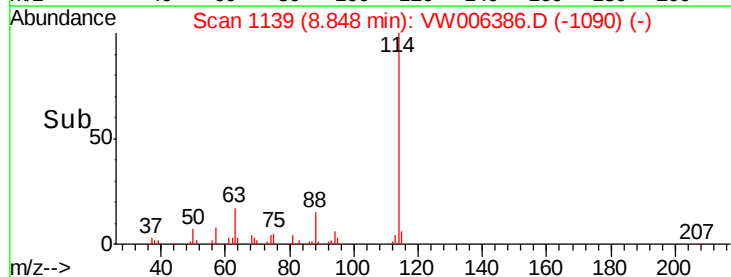
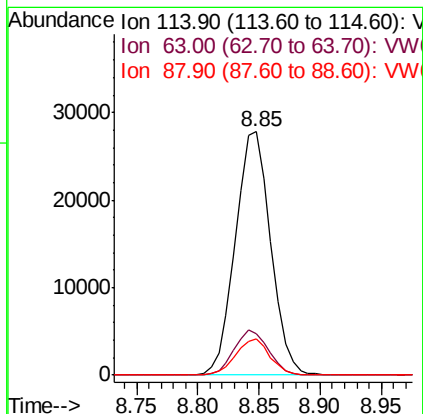
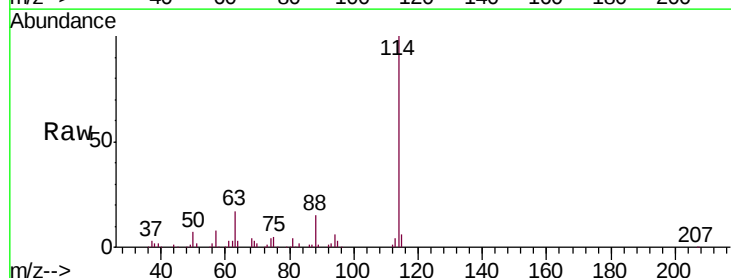
Tgt Ion: 114 Resp: 55698

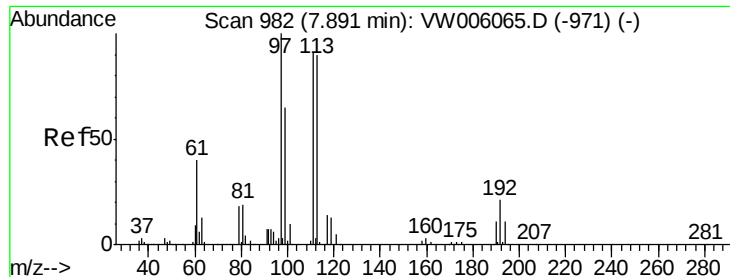
Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.8

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 56.779 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006386.D

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Instrument :

MSVOA_W

ClientSampled :

SB-4(0-2)RE

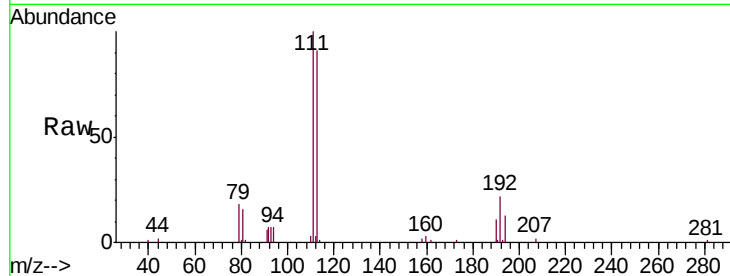
Tgt Ion:113 Resp: 18687

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

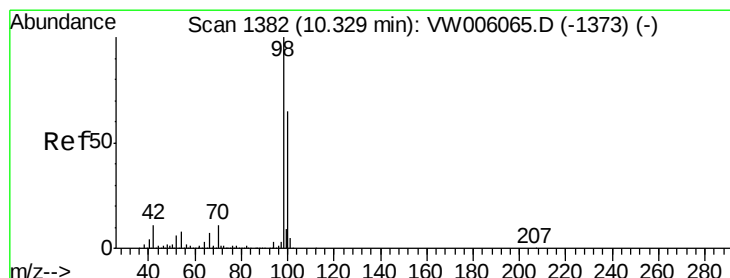
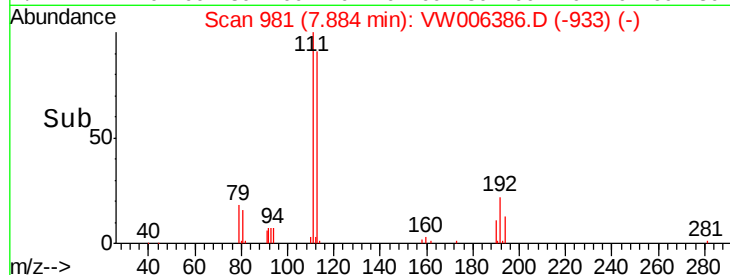
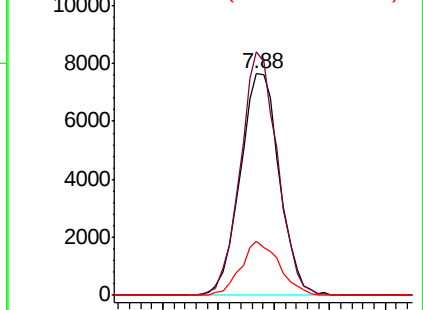
192 24.2 18.7 28.1



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: 46.050 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006386.D

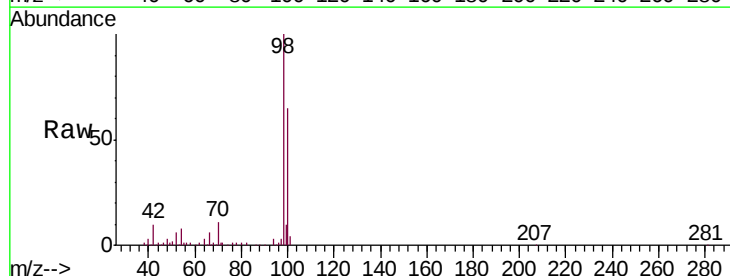
Acq: 26 Oct 2018 03:52

Tgt Ion: 98 Resp: 57660

Ion Ratio Lower Upper

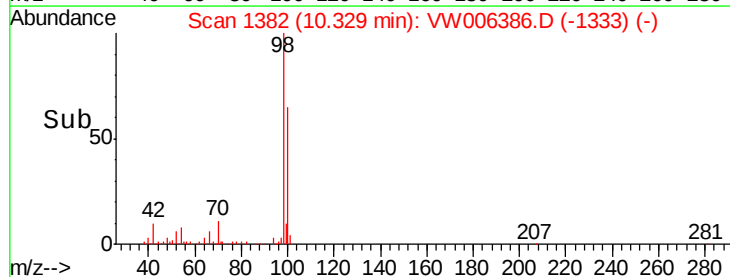
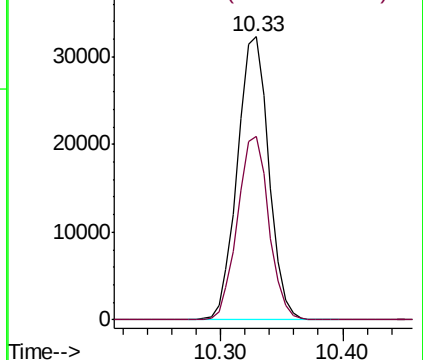
98 100

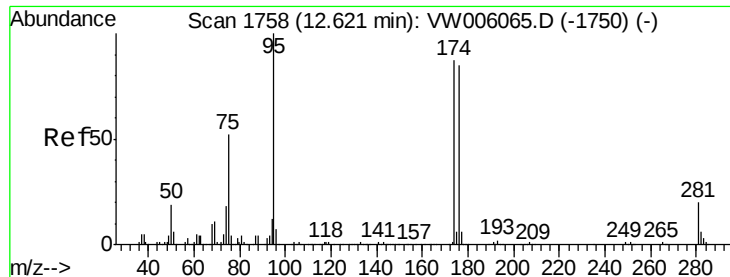
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

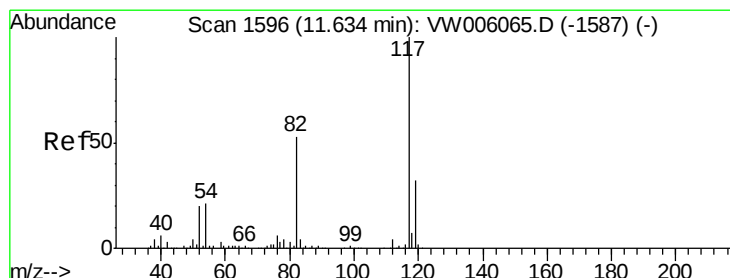
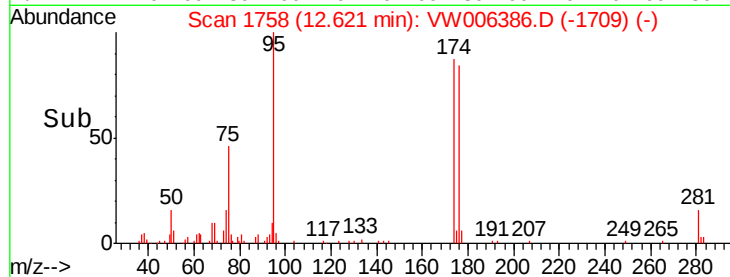
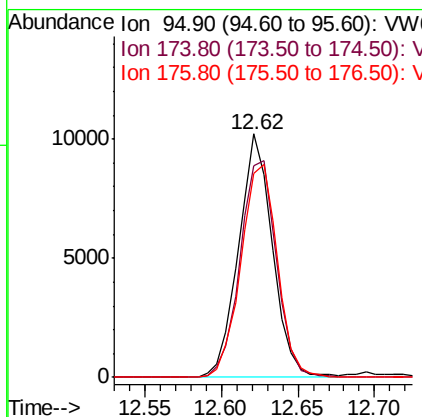
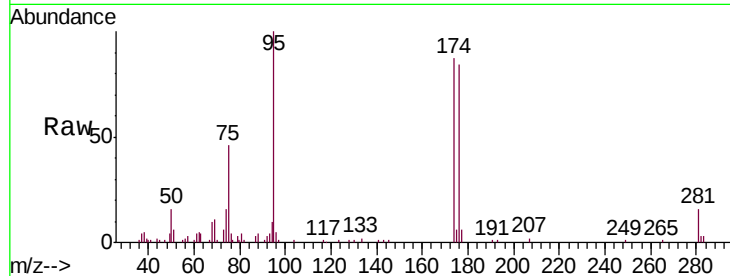




#62
4-Bromofluorobenzene
Concen: 33.418 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006386.D
Acq: 26 Oct 2018 03:52

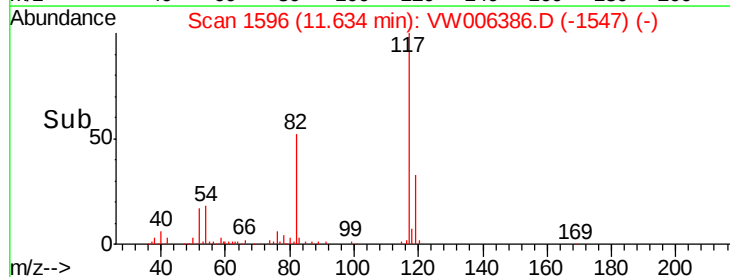
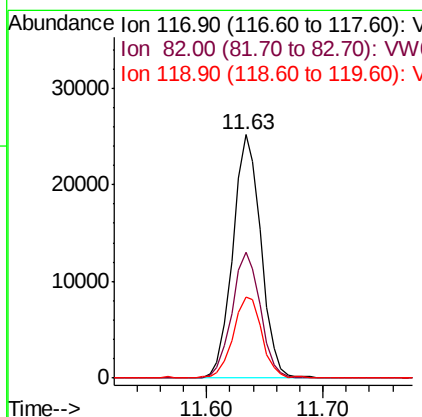
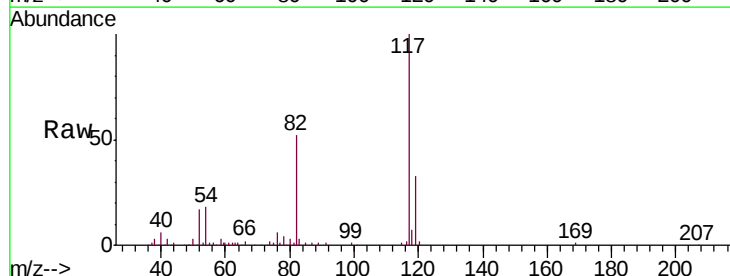
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MSVOA_W
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SB-4(0-2)RE

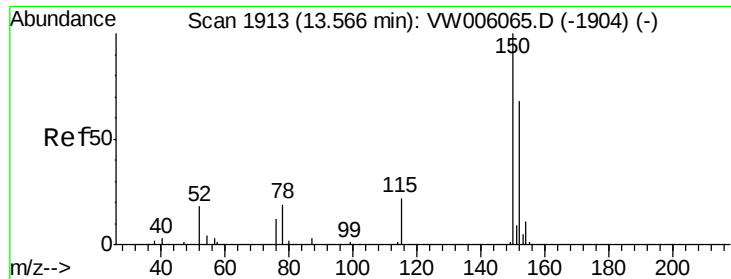
Tgt Ion: 95 Resp: 15716
Ion Ratio Lower Upper
95 100
174 95.4 0.0 186.0
176 94.3 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006386.D
Acq: 26 Oct 2018 03:52

Tgt Ion: 117 Resp: 42384
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.8 25.8 38.6

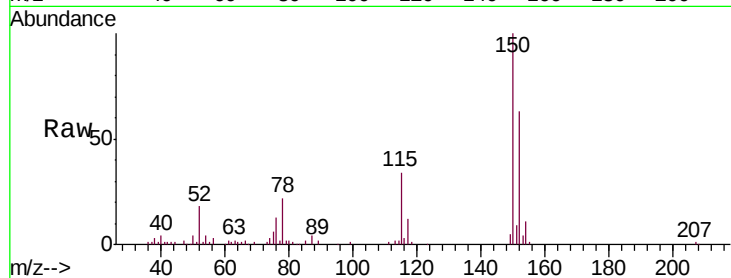




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006386.D
 Acq: 26 Oct 2018 03:52

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	27.8	83.3
150	155.6	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

