

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005095.D
 Acq On : 04 Sep 2018 21:55
 Operator : SY/AP
 Sample : J4712-03
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15

Quant Time: Sep 05 05:02:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

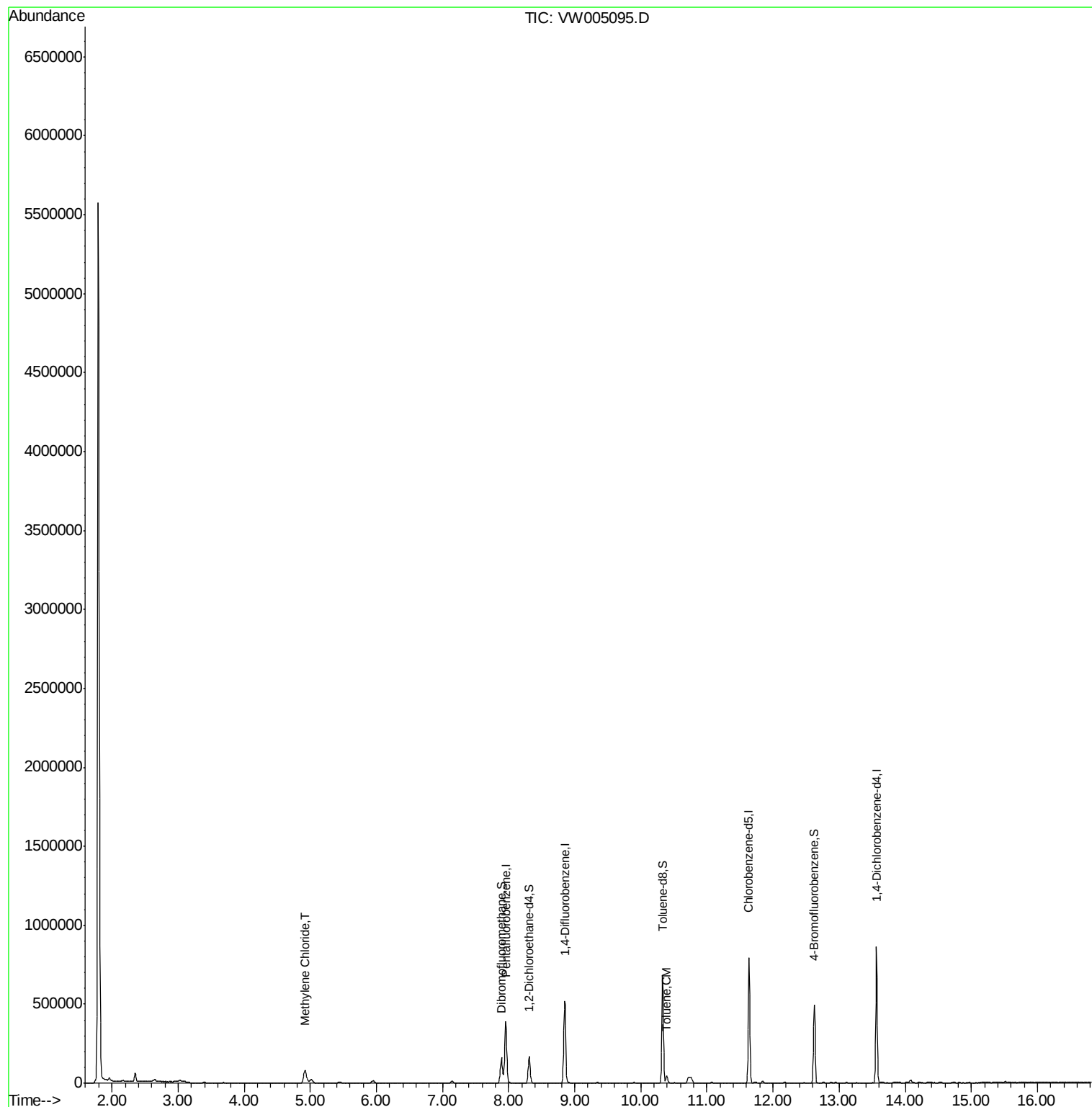
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	317777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	477895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	491804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	244934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125452	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	7.89	113	116863	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
50) Toluene-d8	10.33	98	464890	36.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.06%	
62) 4-Bromofluorobenzene	12.62	95	158693	35.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.74%	
Target Compounds						
20) Methylene Chloride	4.92	84	64173	15.28	ug/l	99
52) Toluene	10.40	92	18216	1.93	ug/l	96

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005095.D

Acq: 04 Sep 2018 21:55

Instrument :

MSVOA_W

ClientSampleId :

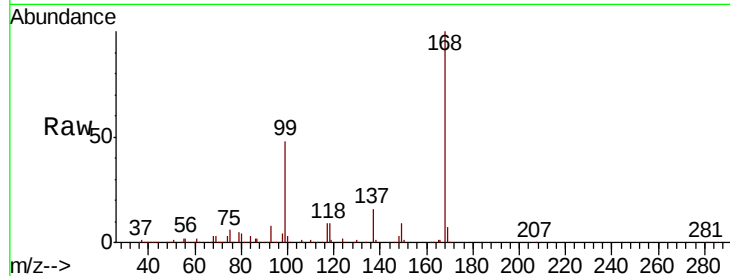
SB-15

Tot Ion:168 Resp: 317777

Ion Ratio Lower Upper

168 100

99 47.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

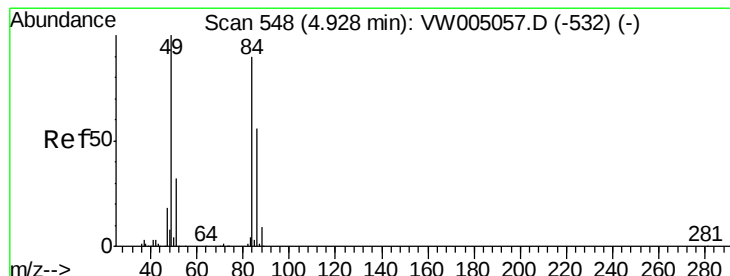
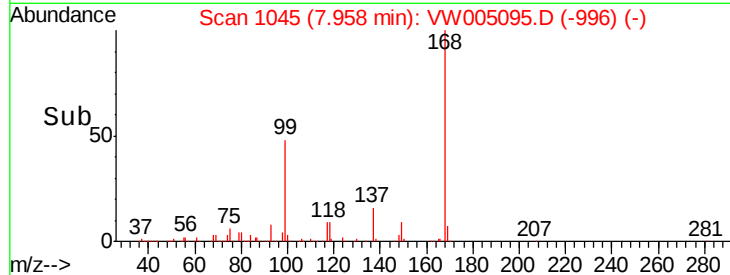
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 15.28 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005095.D

Acq: 04 Sep 2018 21:55

Tgt Ion: 84 Resp: 64173

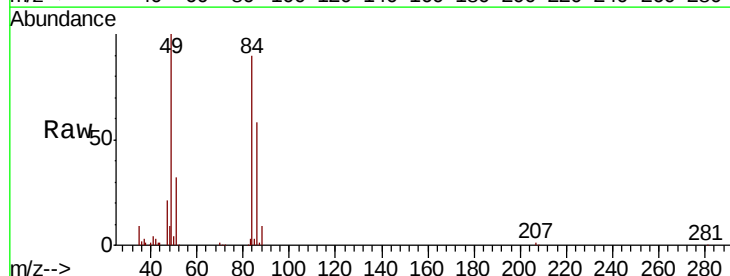
Ion Ratio Lower Upper

84 100

49 110.8 88.7 133.1

51 35.6 28.6 42.8

86 64.1 49.4 74.2



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

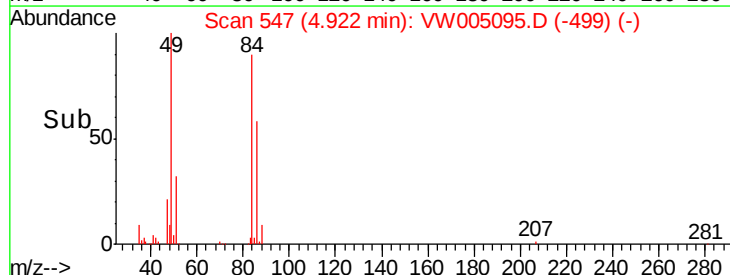
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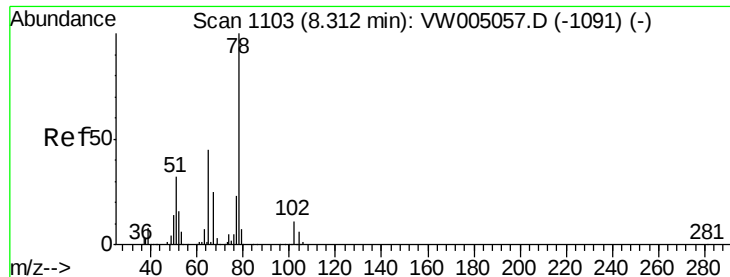
20000

10000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 47.62 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005095.D

Acq: 04 Sep 2018 21:55

Instrument :

MSVOA_W

ClientSampleId :

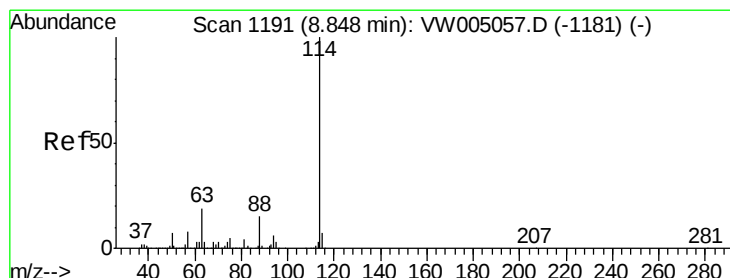
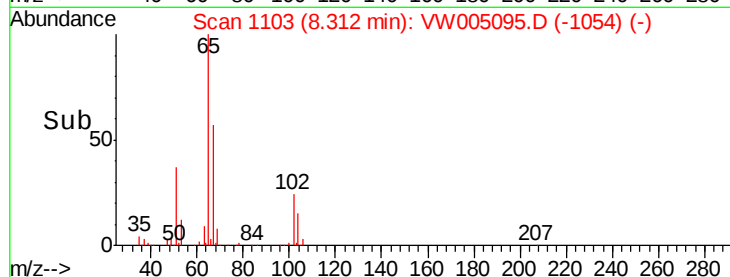
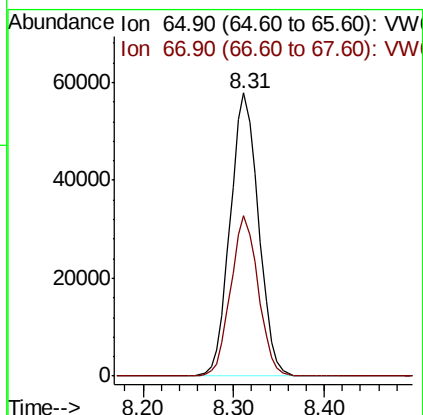
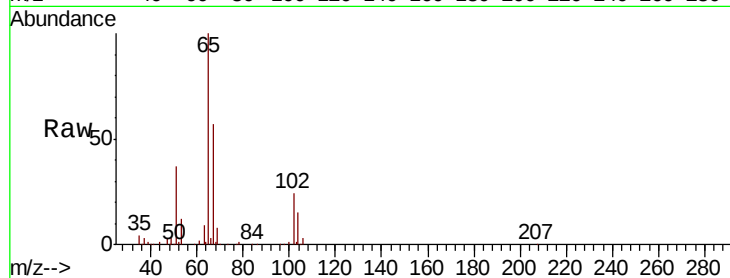
SB-15

Tot Ion: 65 Resp: 125452

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005095.D

Acq: 04 Sep 2018 21:55

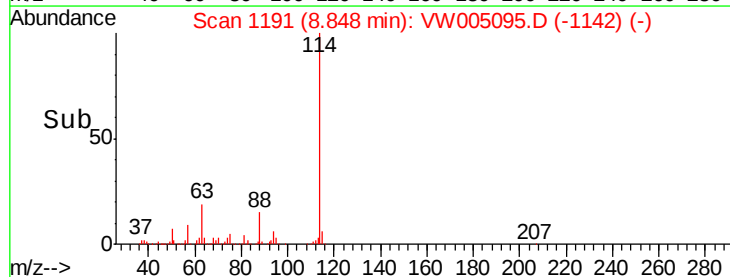
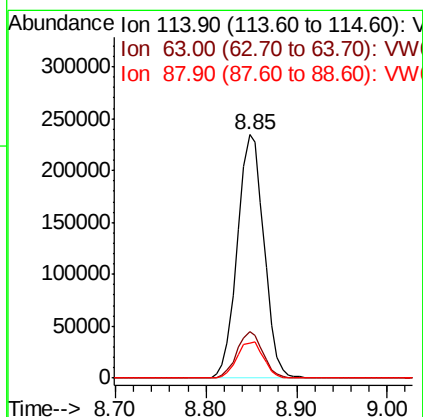
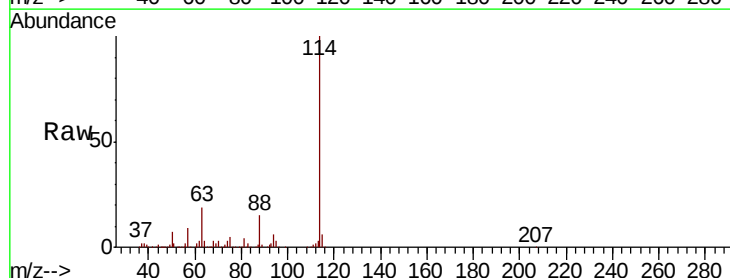
Tgt Ion: 114 Resp: 477895

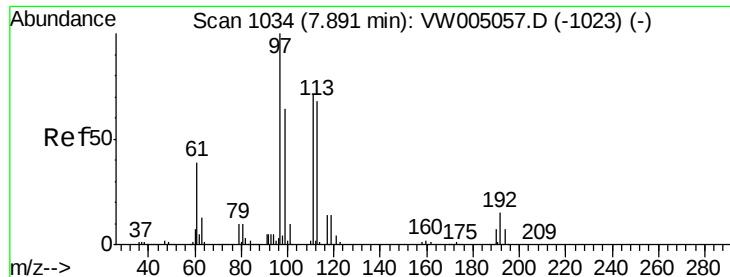
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 14.6 0.0 30.2

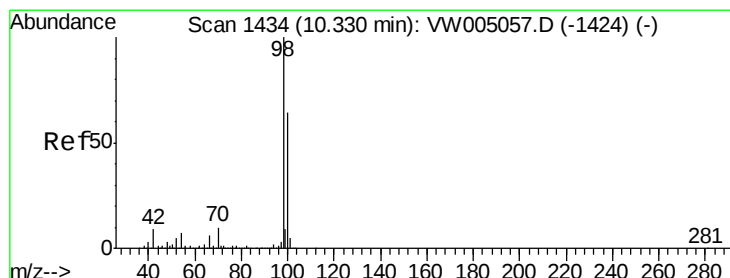
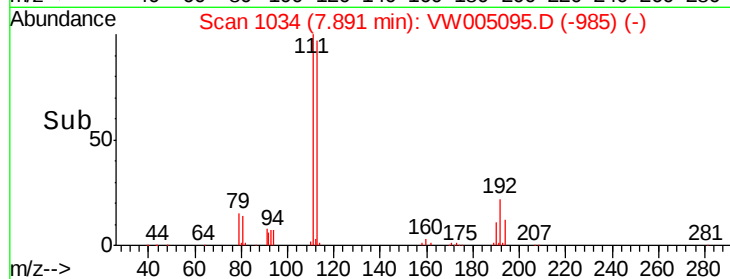
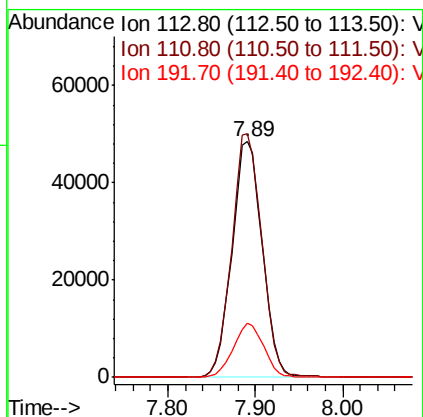
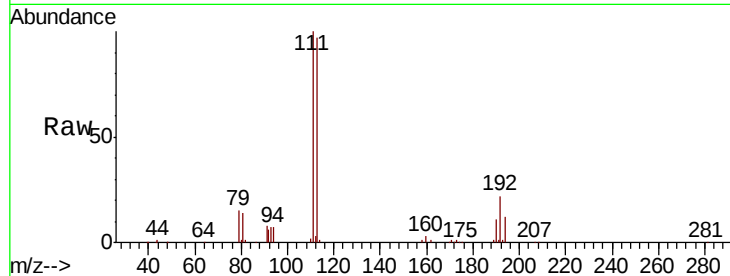




#35
 Dibromofluoromethane
 Concen: 42.32 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005095.D
 Acq: 04 Sep 2018 21:55

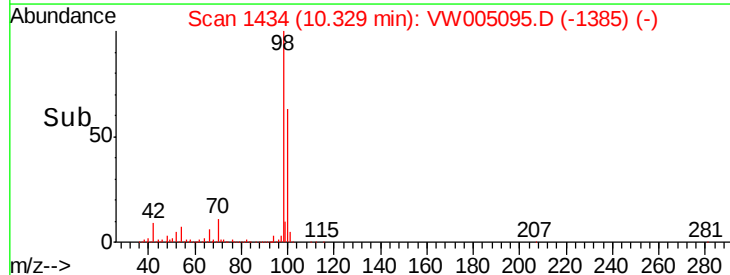
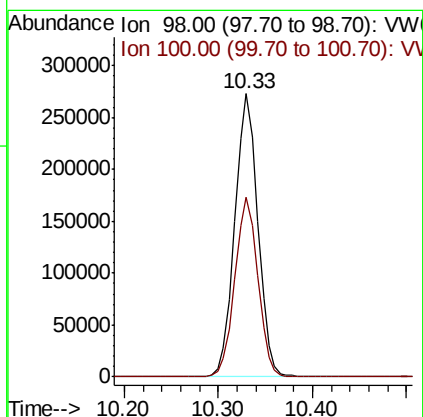
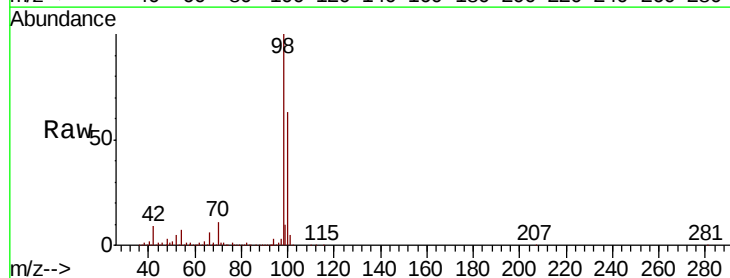
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15

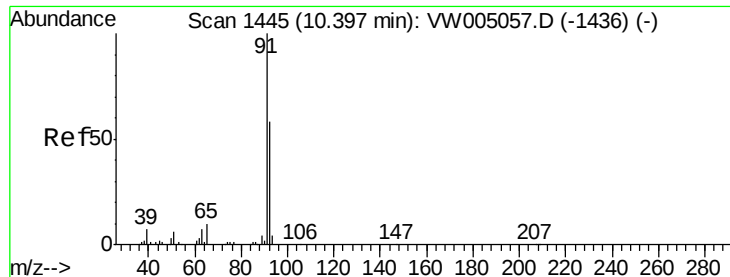
Tot Ion:113 Resp: 116863
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 22.8 18.1 27.1



#50
 Toluene-d8
 Concen: 36.53 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005095.D
 Acq: 04 Sep 2018 21:55

Tgt Ion: 98 Resp: 464890
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.7 77.5





#52

Toluene

Concen: 1.93 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005095.D

Acq: 04 Sep 2018 21:55

Instrument :

MSVOA_W

ClientSampled :

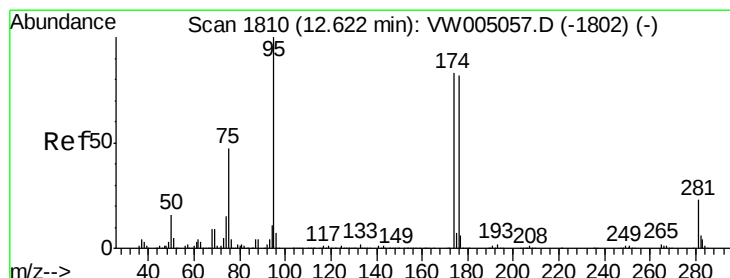
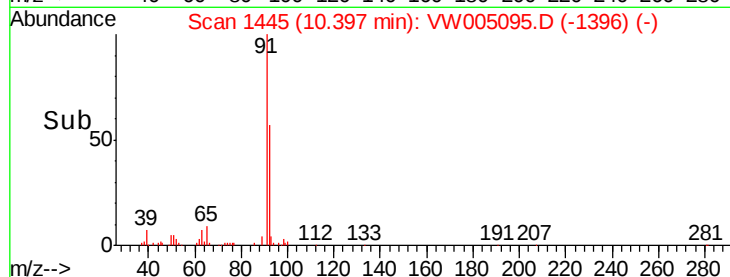
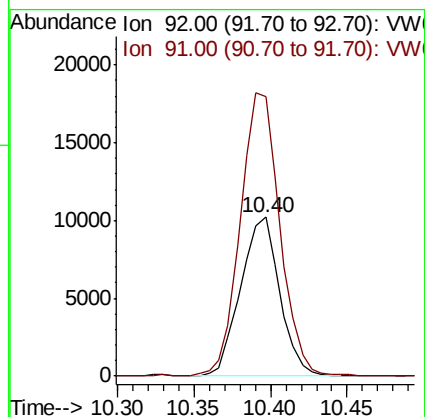
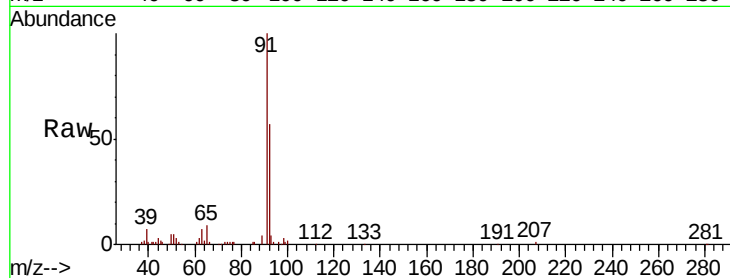
SB-15

Tot Ion: 92 Resp: 18216

Ion Ratio Lower Upper

92 100

91 180.0 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 35.37 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005095.D

Acq: 04 Sep 2018 21:55

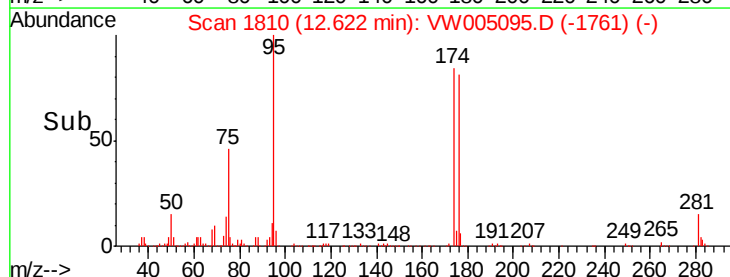
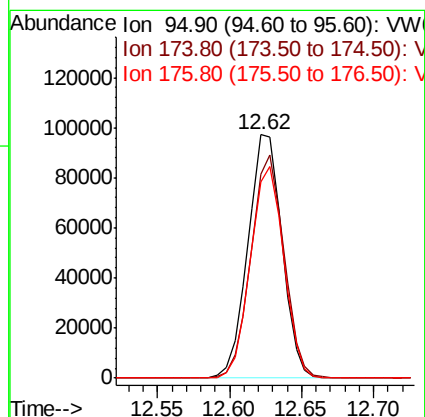
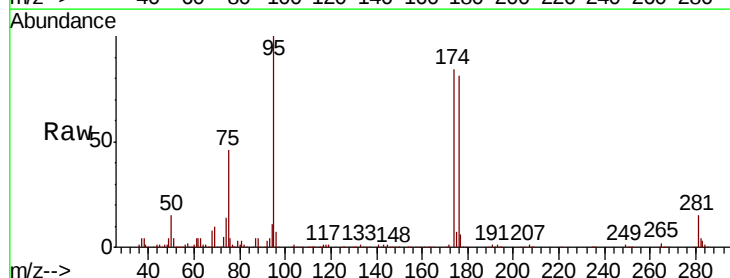
Tgt Ion: 95 Resp: 158693

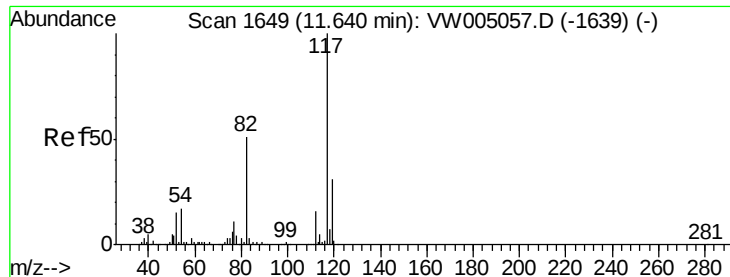
Ion Ratio Lower Upper

95 100

174 89.1 0.0 173.4

176 85.1 0.0 167.4

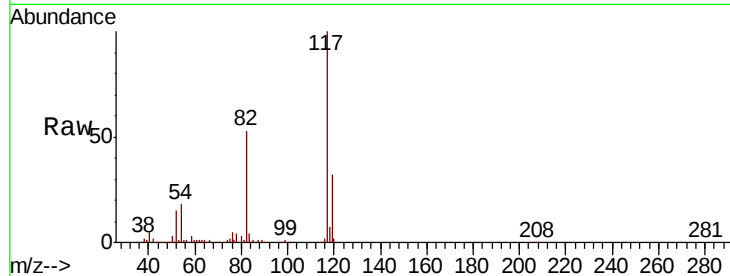




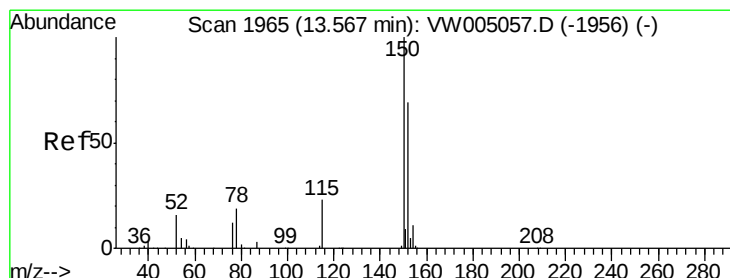
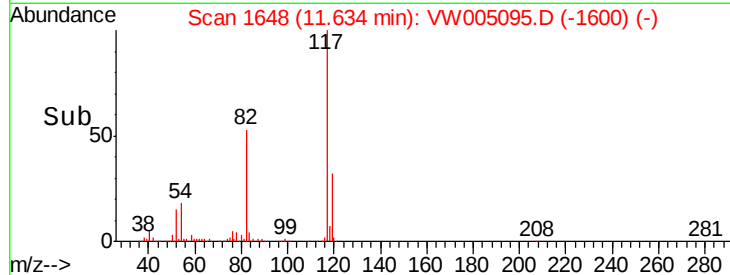
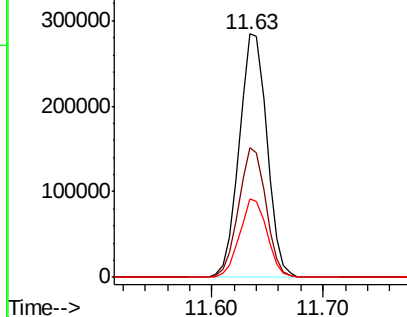
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005095.D
Acq: 04 Sep 2018 21:55

Instrument :
MSVOA_W
ClientSampled :
SB-15

Tot Ion:117 Resp: 491804
Ion Ratio Lower Upper
117 100
82 53.4 40.9 61.3
119 32.0 24.9 37.3

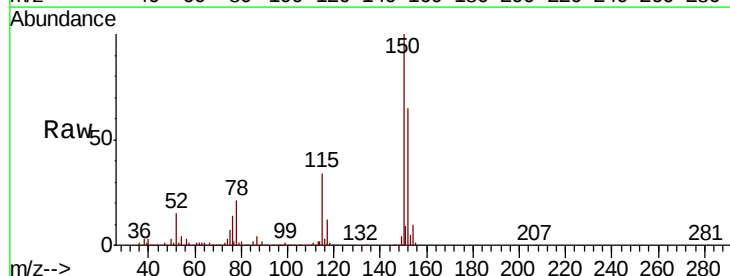


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005095.D
Acq: 04 Sep 2018 21:55

Tgt Ion:152 Resp: 244934
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.4
150 154.3 0.0 351.4



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

