

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005922.D
 Acq On : 09 Oct 2018 04:55
 Operator : SY/AP
 Sample : J5306-06
 Misc : 6.13G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-16-V

Quant Time: Oct 09 08:12:30 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	249885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	385101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	89684	36.97	ug/l	0.00
Spiked Amount			Recovery	=	73.94%	
35) Dibromofluoromethane	7.88	113	90521	36.82	ug/l	0.00
Spiked Amount			Recovery	=	73.64%	
50) Toluene-d8	10.33	98	294492	31.13	ug/l	0.00
Spiked Amount			Recovery	=	62.26%	
62) 4-Bromofluorobenzene	12.62	95	105572	29.33	ug/l	0.00
Spiked Amount			Recovery	=	58.66%	

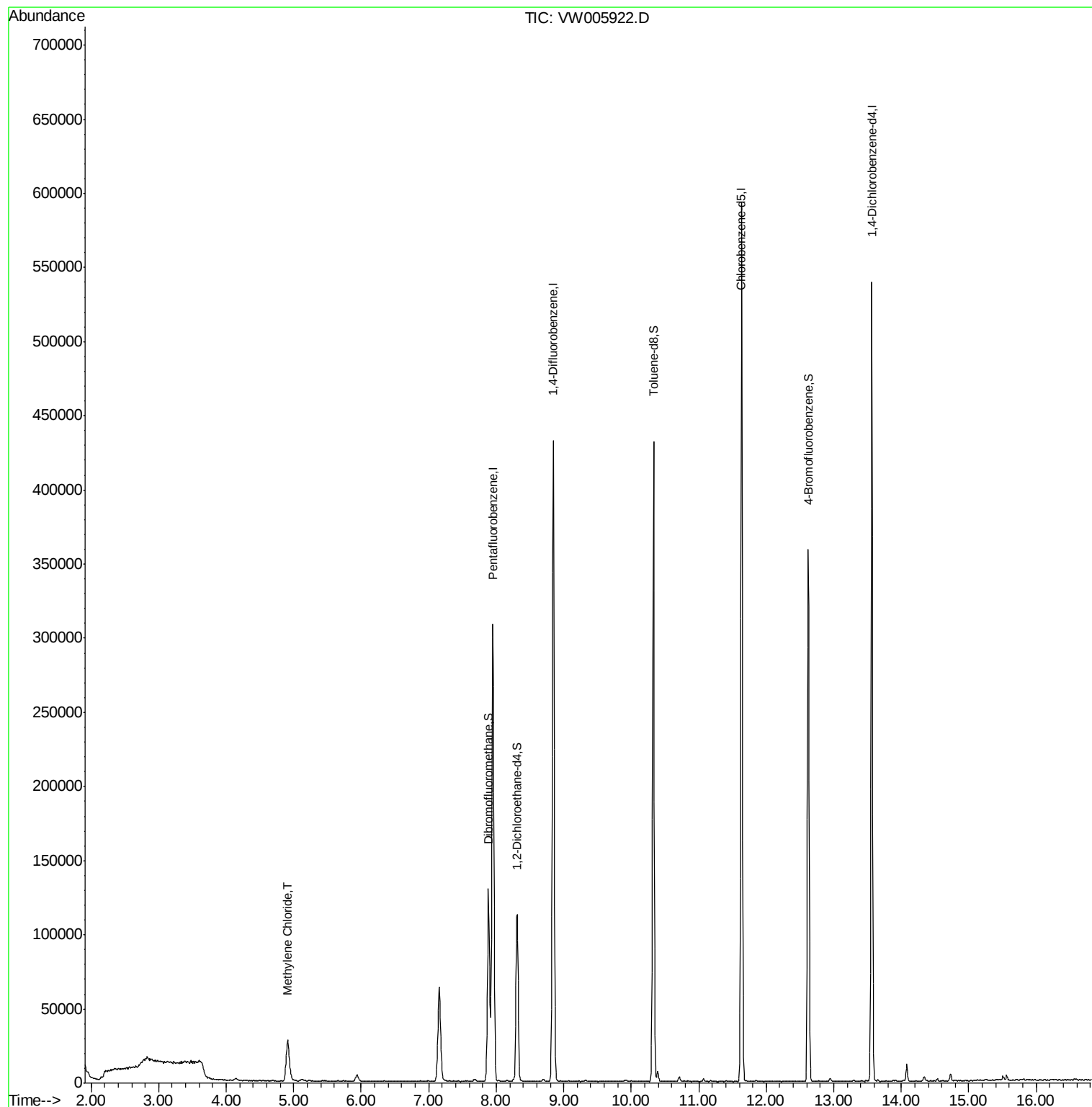
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	23376	9.63	ug/l	93

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005922.D

Acq: 09 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

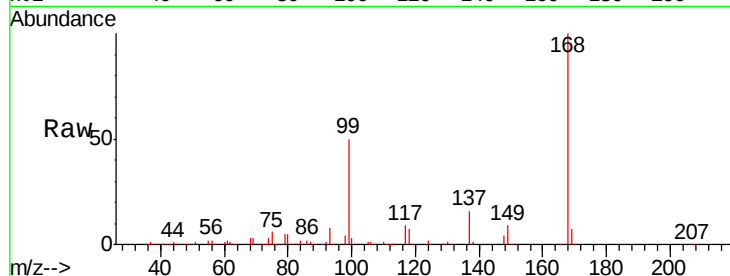
S-16-V

Tgt Ion:168 Resp: 249885

Ion Ratio Lower Upper

168 100

99 50.3 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

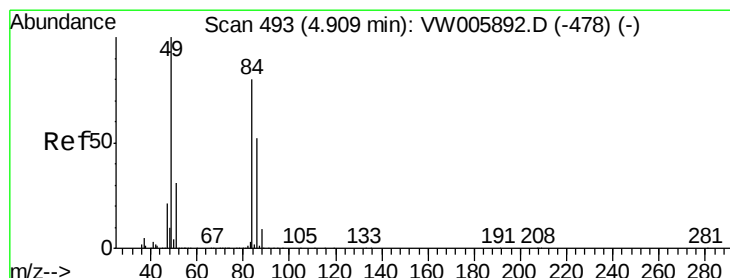
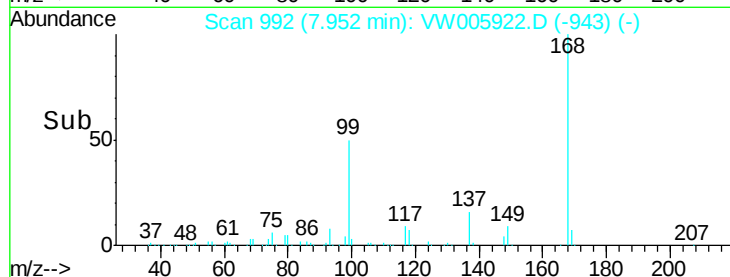
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 9.63 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005922.D

Acq: 09 Oct 2018 04:55

Tgt Ion: 84 Resp: 23376

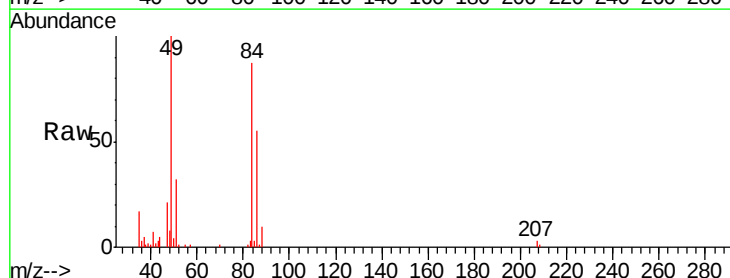
Ion Ratio Lower Upper

84 100

49 114.4 99.9 149.9

51 36.2 31.1 46.7

86 62.4 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

4.91

12000

10000

8000

6000

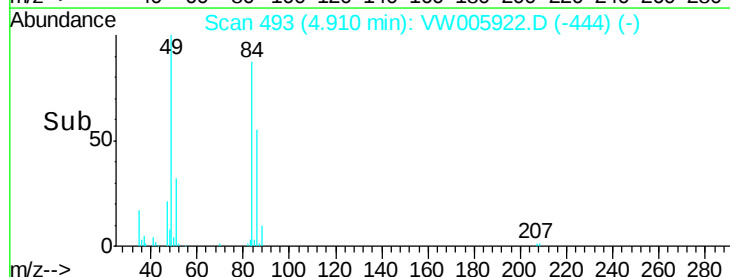
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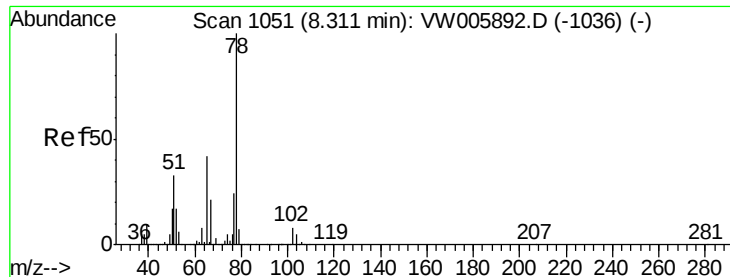
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0

Time-->

4.80 4.90 5.00

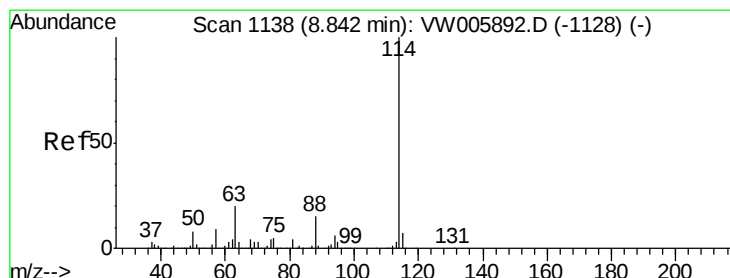
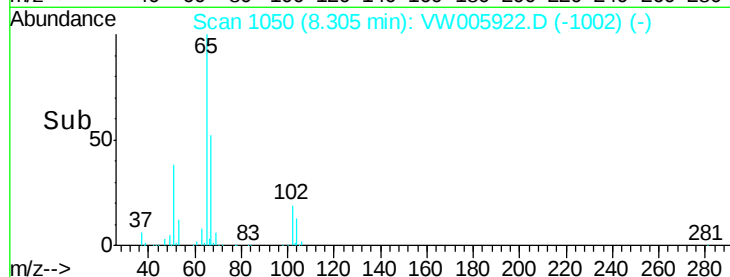
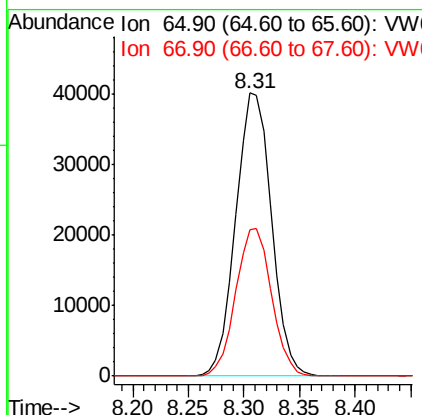
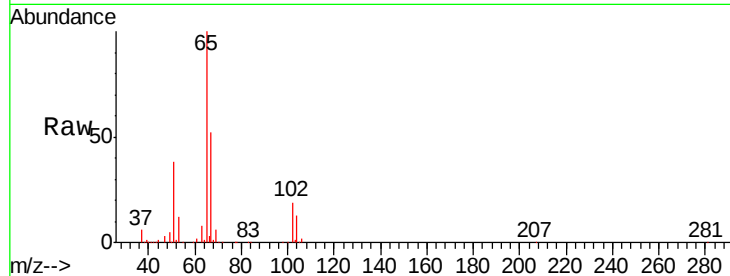




#33
 1,2-Dichloroethane-d4
 Concen: 36.97 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005922.D
 Acq: 09 Oct 2018 04:55

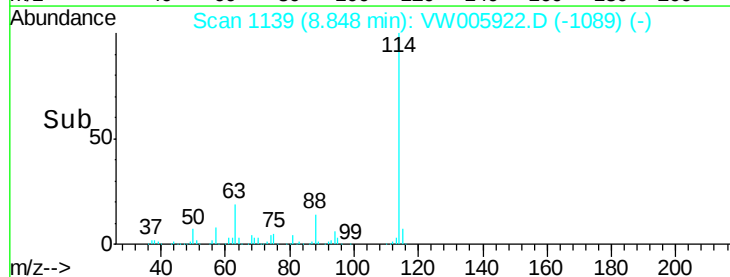
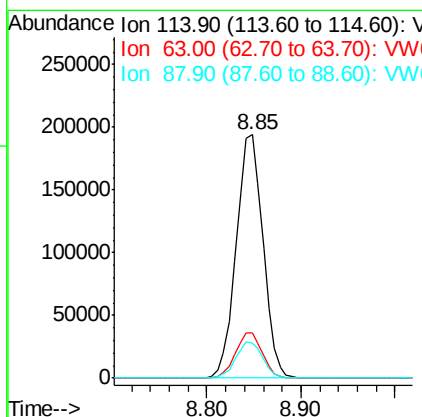
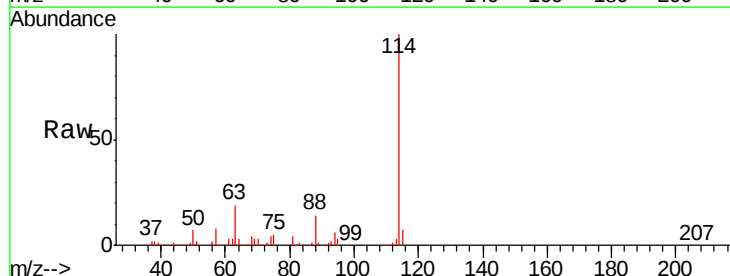
Instrument :
 MSVOA_W
 ClientSampleId :
 S-16-V

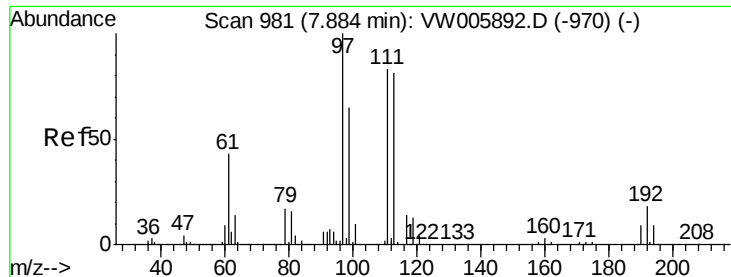
Tgt Ion: 65 Resp: 89684
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005922.D
 Acq: 09 Oct 2018 04:55

Tgt Ion: 114 Resp: 385101
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.4 0.0 30.8

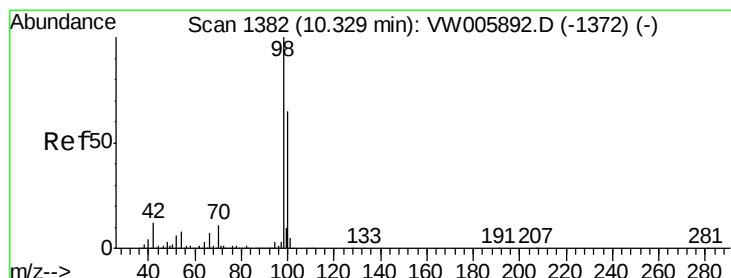
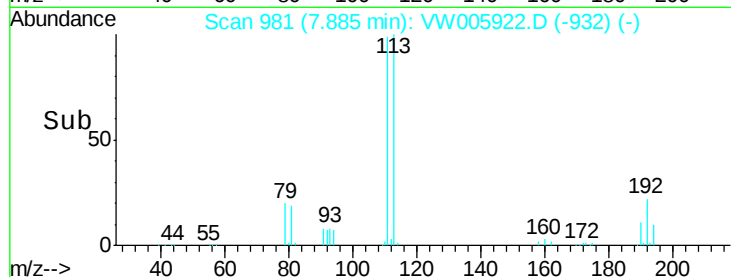
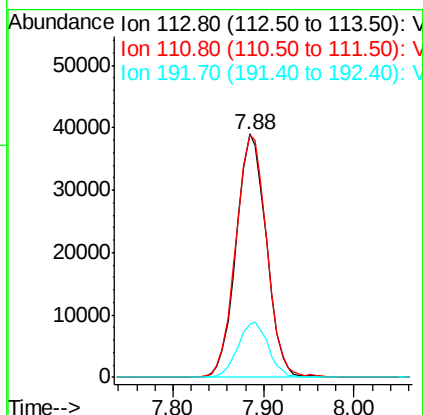
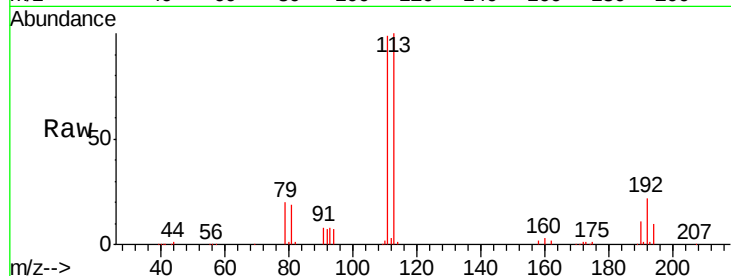




#35
Dibromofluoromethane
Concen: 36.82 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW005922.D
Acq: 09 Oct 2018 04:55

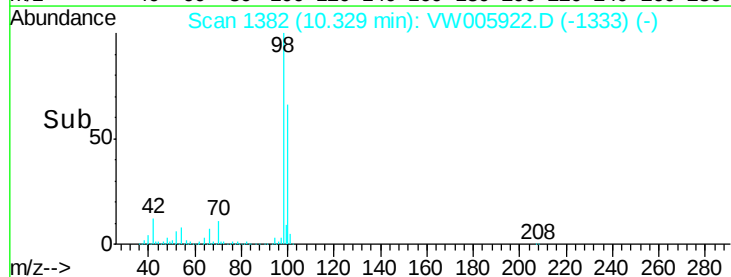
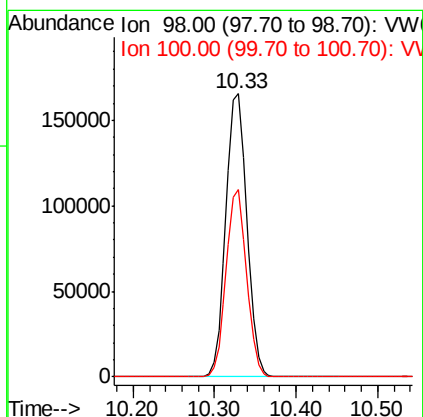
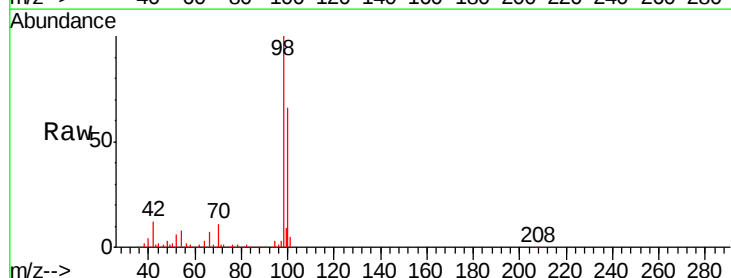
Instrument :
MSVOA_W
ClientSampled :
S-16-V

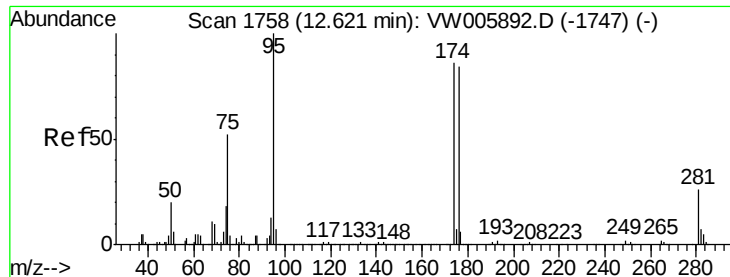
Tgt Ion:113 Resp: 90521
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 22.7 18.3 27.5



#50
Toluene-d8
Concen: 31.13 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005922.D
Acq: 09 Oct 2018 04:55

Tgt Ion: 98 Resp: 294492
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 29.33 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005922.D

Acq: 09 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampled :

S-16-V

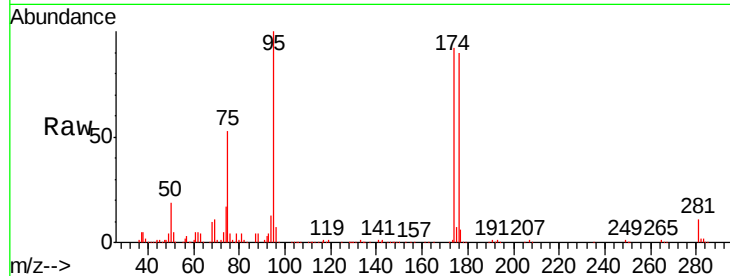
Tgt Ion: 95 Resp: 105572

Ion Ratio Lower Upper

95 100

174 94.2 0.0 176.4

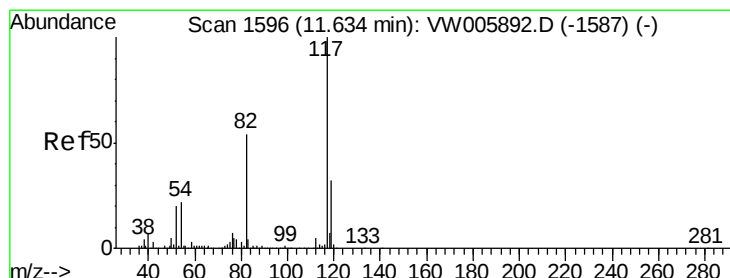
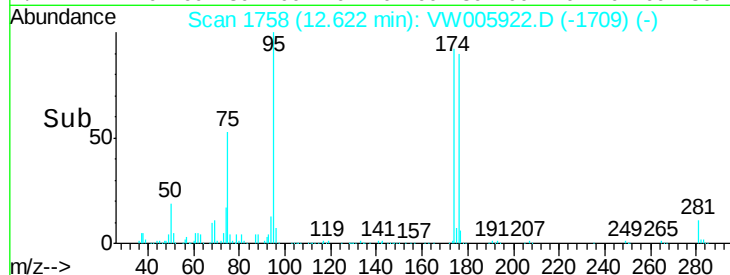
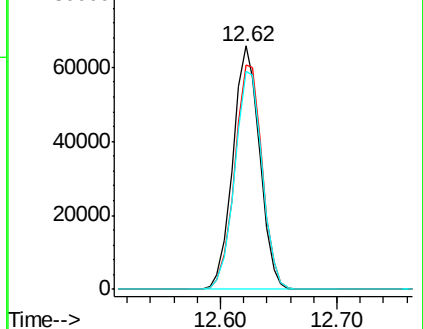
176 91.6 0.0 173.0



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005922.D

Acq: 09 Oct 2018 04:55

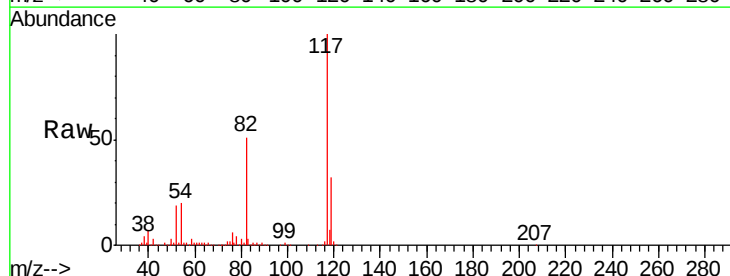
Tgt Ion: 117 Resp: 331970

Ion Ratio Lower Upper

117 100

82 51.4 43.5 65.3

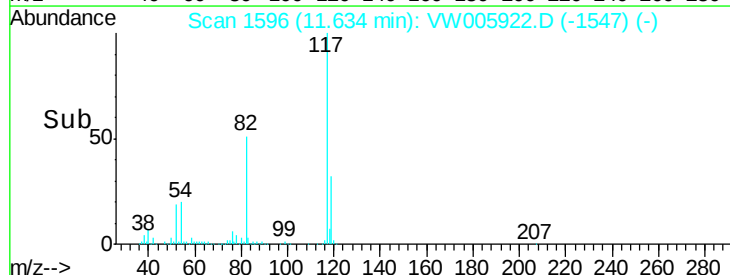
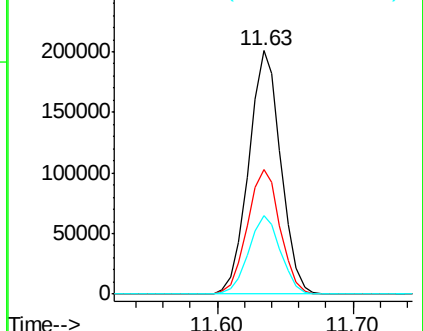
119 32.4 25.4 38.2

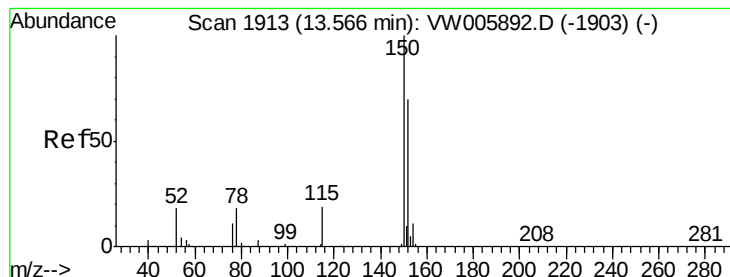


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005922.D

Acq: 09 Oct 2018 04:55

Instrument :

MSVOA_W

ClientSampleId :

S-16-V

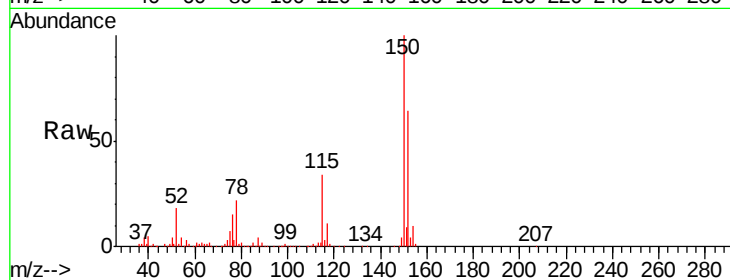
Tgt Ion:152 Resp: 146986

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

150 156.0 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

