

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003886.D
 Acq On : 12 Jul 2018 01:18
 Operator : SY/AP
 Sample : J3914-09RE
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SEMHRE

Quant Time: Jul 12 03:43:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

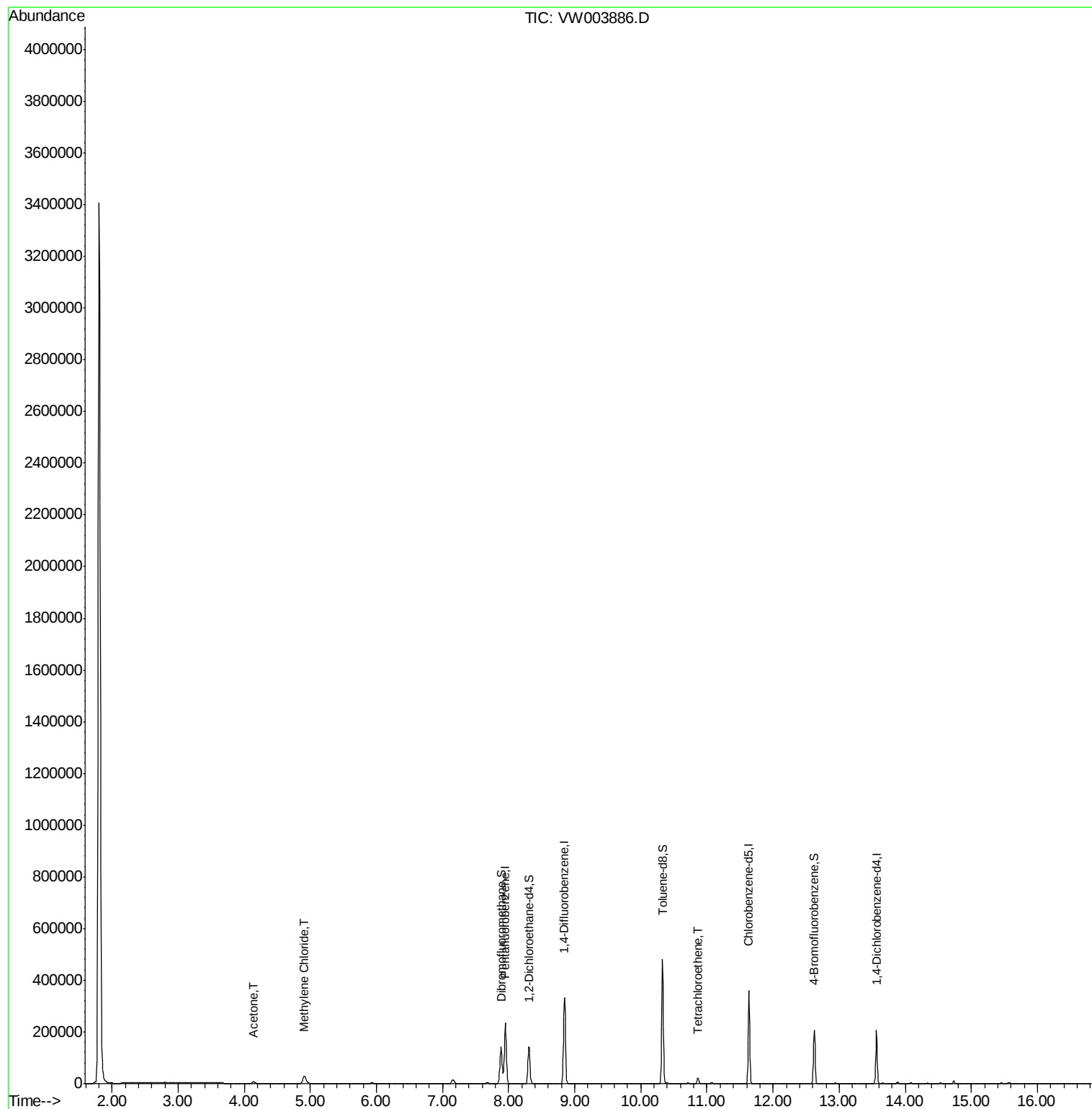
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	268345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114690	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.88	113	100508	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	10.33	98	308745	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
62) 4-Bromofluorobenzene	12.62	95	63917	24.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.18%	
Target Compounds						
16) Acetone	4.14	43	11927	31.987	ug/l	99
20) Methylene Chloride	4.90	84	23461	9.346	ug/l	96
64) Tetrachloroethene	10.87	164	4579	3.310	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

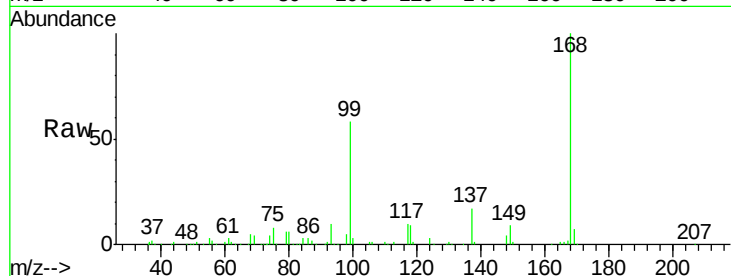
SEMHRE

Tot Ion:168 Resp: 164345

Ion Ratio Lower Upper

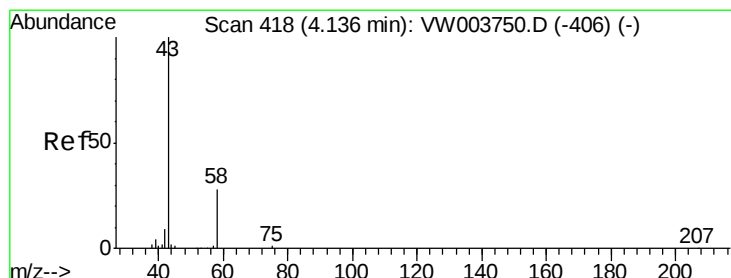
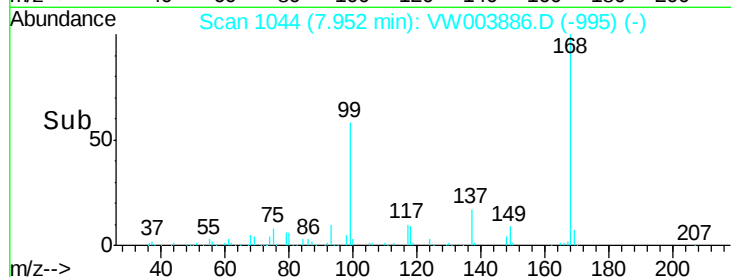
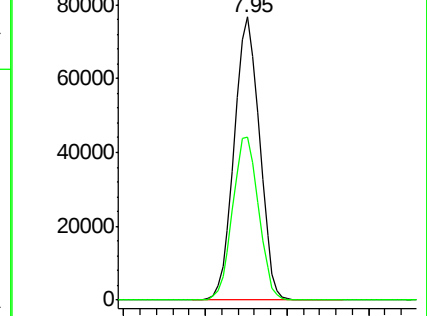
168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.987 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003886.D

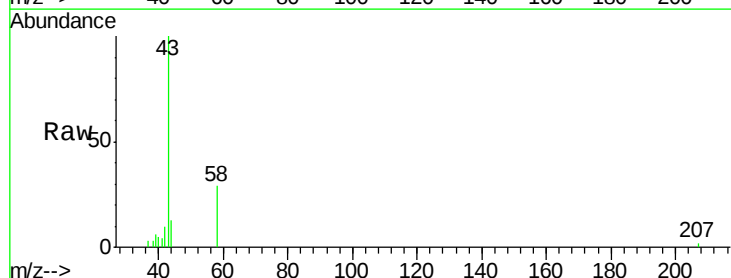
Acq: 12 Jul 2018 01:18

Tgt Ion: 43 Resp: 11927

Ion Ratio Lower Upper

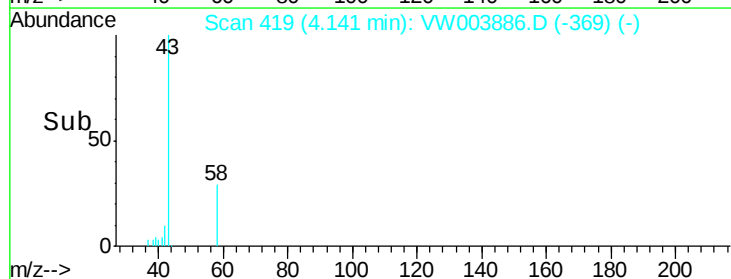
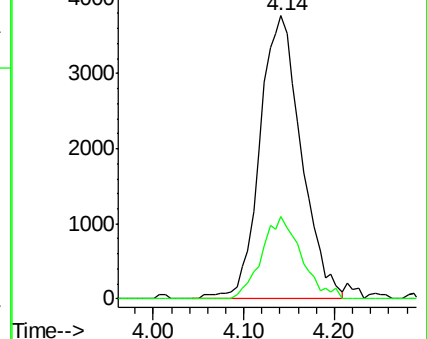
43 100

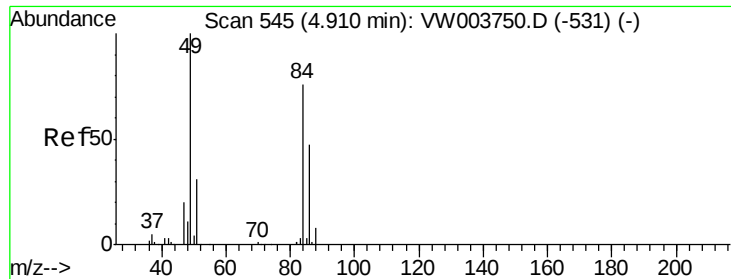
58 29.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

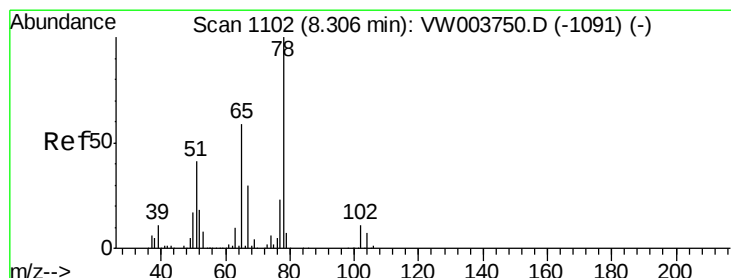
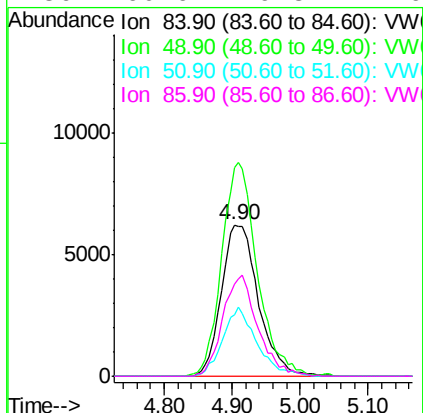
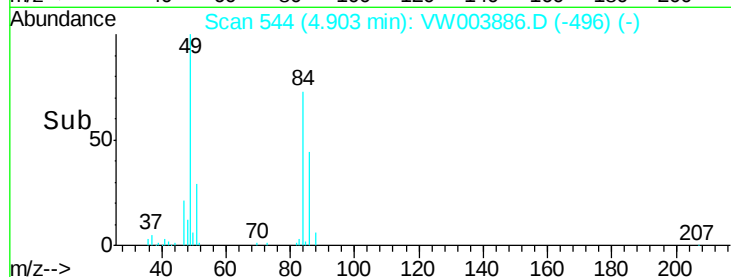
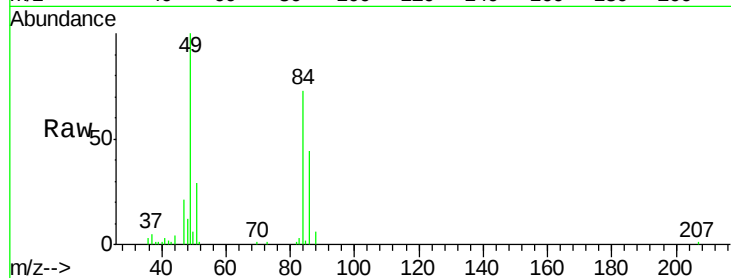




#20
Methvlene Chloride
Concen: 9.346 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

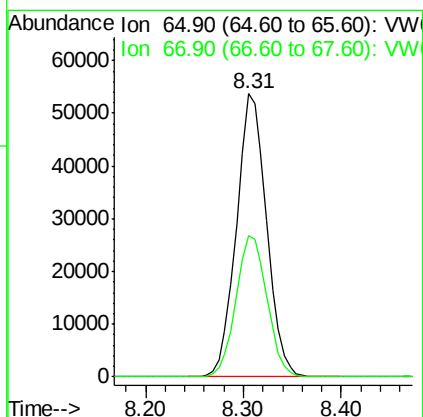
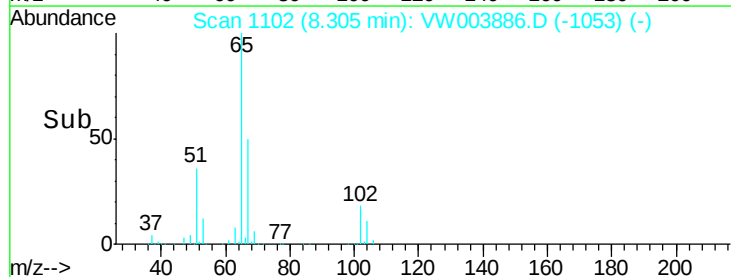
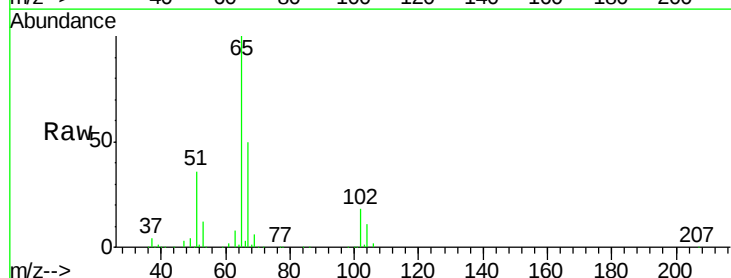
Instrument :
MSVOA_W
ClientSampled :
SEMHRE

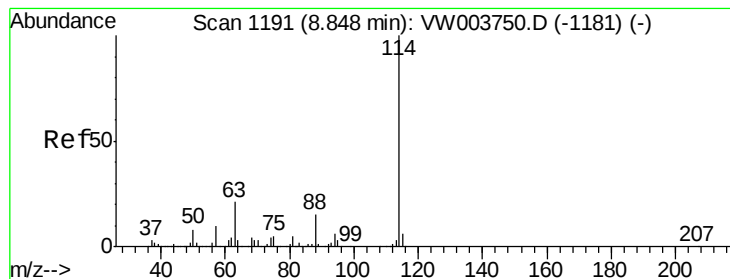
Tot Ion: 84 Resp: 23461
Ion Ratio Lower Upper
84 100
49 137.7 105.1 157.7
51 40.5 32.5 48.7
86 60.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.365 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

Tgt Ion: 65 Resp: 114690
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

SEMHRE

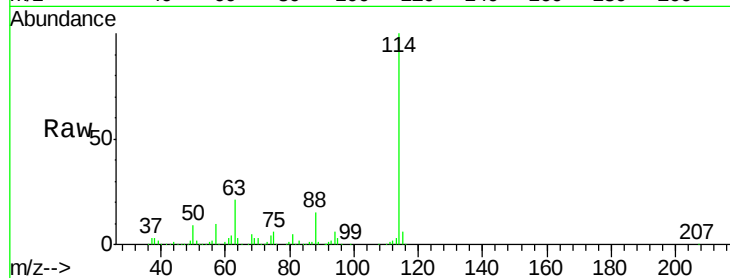
Tot Ion:114 Resp: 268345

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

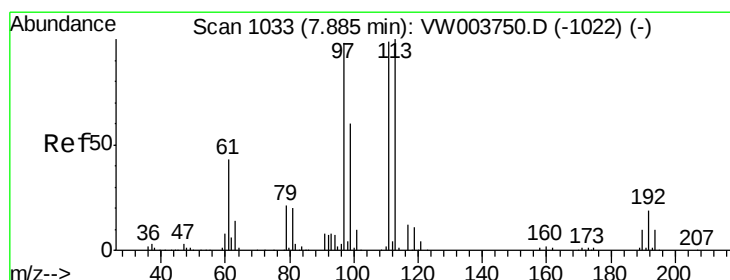
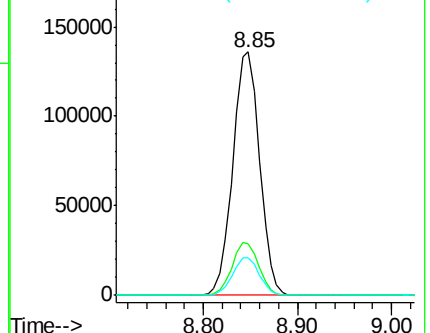
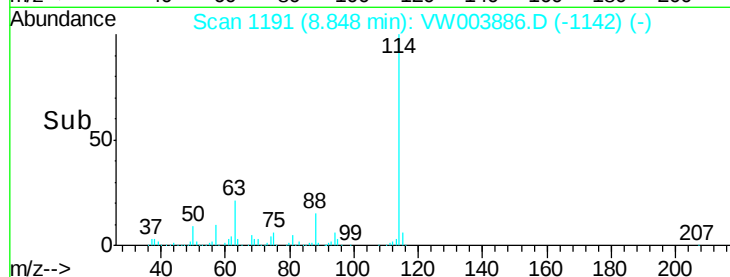
88 15.4 0.0 30.2



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: 53.516 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

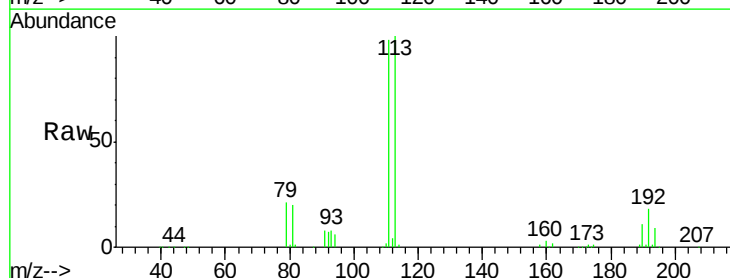
Tgt Ion:113 Resp: 100508

Ion Ratio Lower Upper

113 100

111 100.3 81.7 122.5

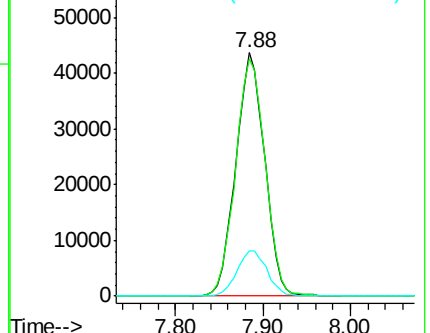
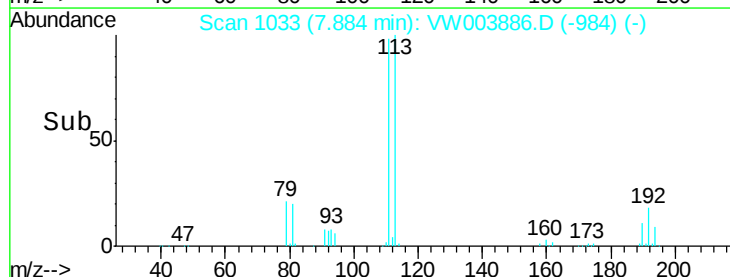
192 19.1 15.8 23.8

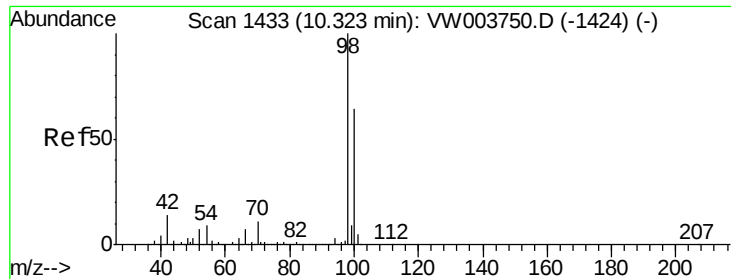


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.976 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

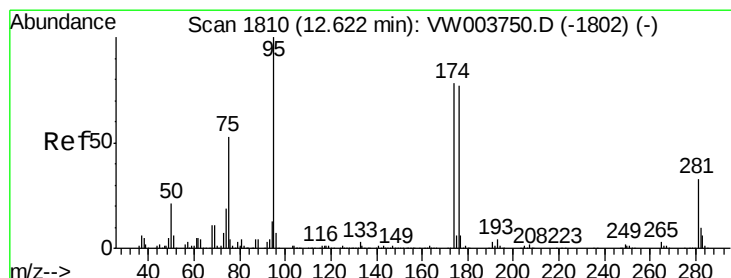
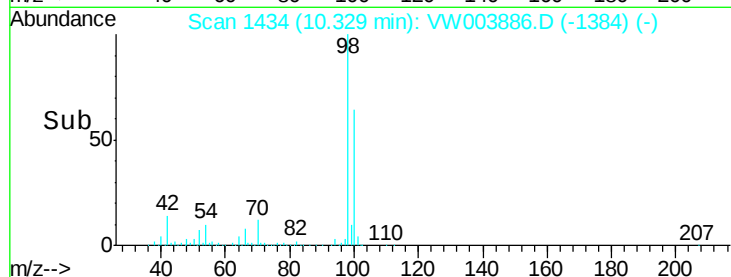
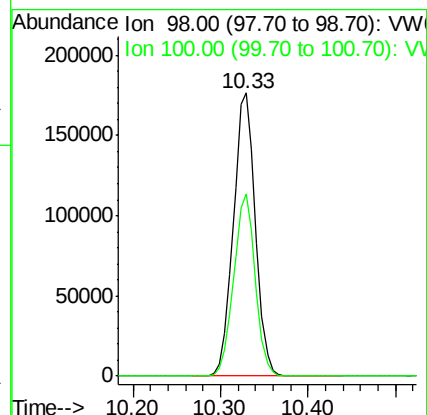
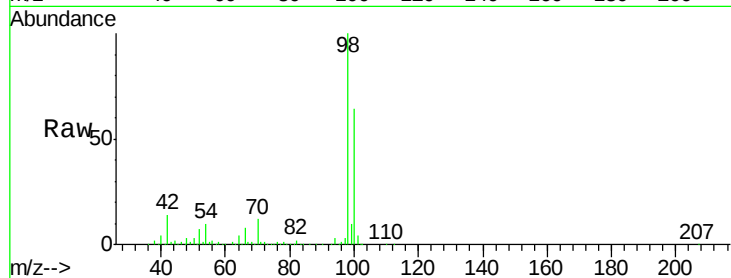
SEMHRE

Tot Ion: 98 Resp: 308745

Ion Ratio Lower Upper

98 100

100 62.8 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 24.590 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

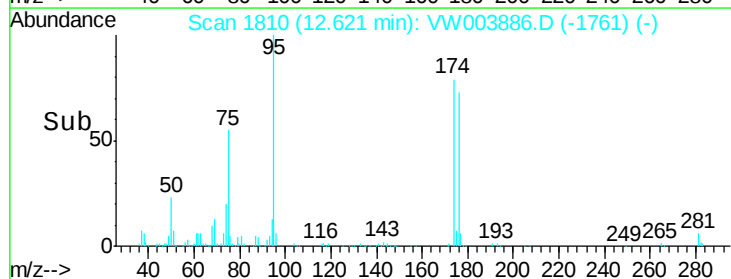
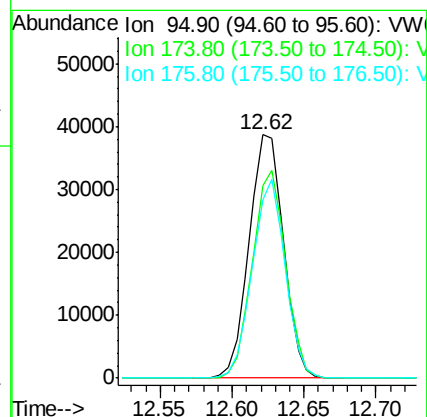
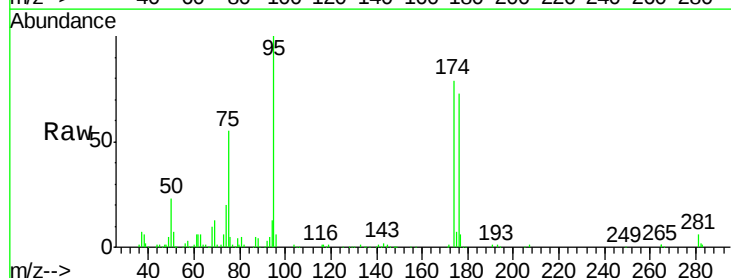
Tgt Ion: 95 Resp: 63917

Ion Ratio Lower Upper

95 100

174 82.4 0.0 163.4

176 77.8 0.0 156.8

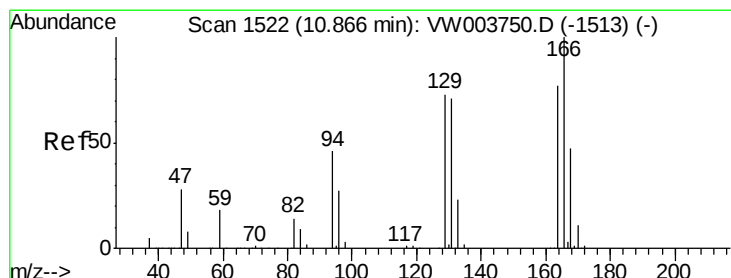
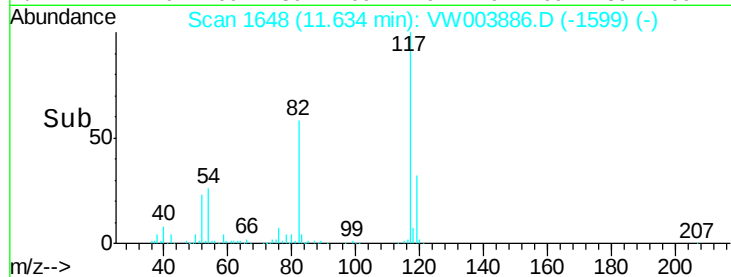
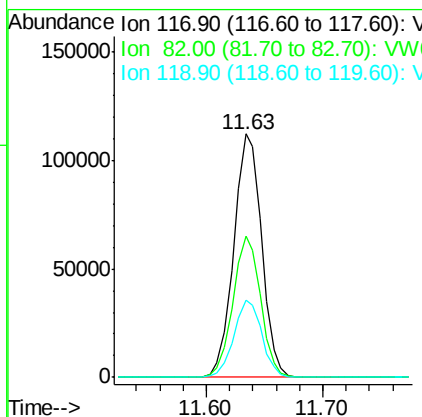
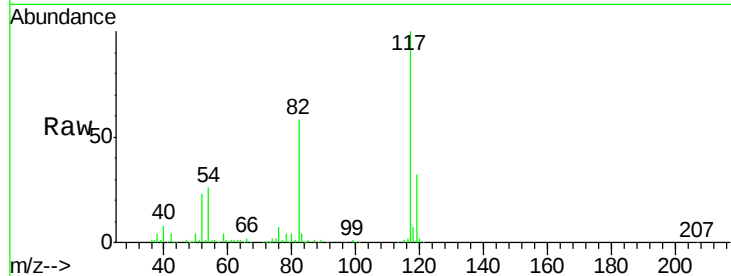




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

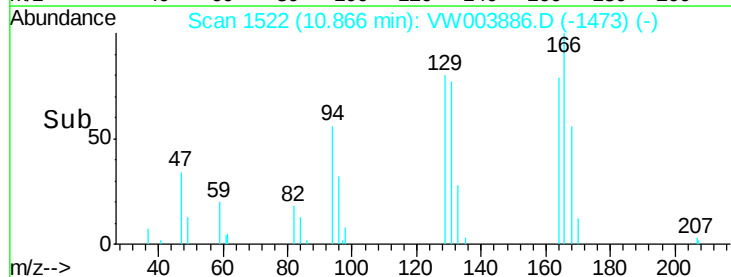
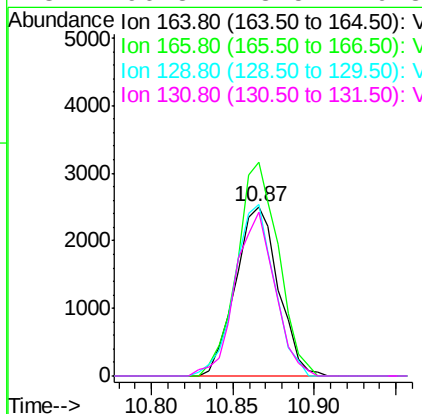
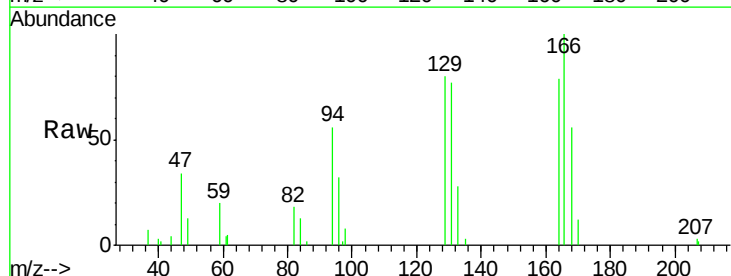
Instrument :
MSVOA_W
ClientSampleId :
SEMHRE

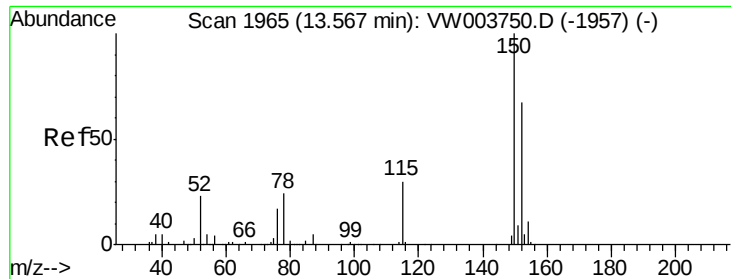
Tot Ion:117 Resp: 187003
Ion Ratio Lower Upper
117 100
82 58.2 46.9 70.3
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 3.310 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

Tgt Ion:164 Resp: 4579
Ion Ratio Lower Upper
164 100
166 126.0 104.2 156.4
129 101.3 75.8 113.8
131 96.8 73.5 110.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

SEMHRE

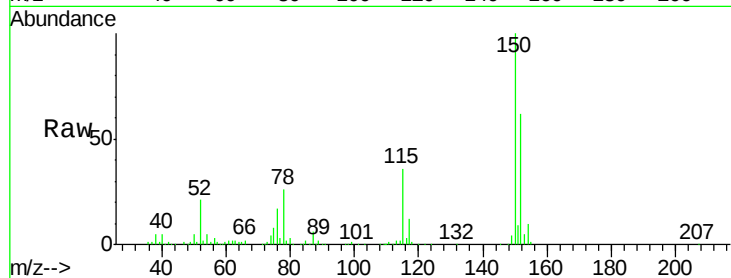
Tot Ion:152 Resp: 51878

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.8

150 157.9 0.0 342.4



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

