

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005701.D
 Acq On : 27 Sep 2018 15:43
 Operator : VA/AP
 Sample : J5096-01RE
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MT-T-5-2RE

Quant Time: Sep 28 02:09:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	298371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	218665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133705	61.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.92%	
35) Dibromofluoromethane	7.89	113	110278	58.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.54%	
50) Toluene-d8	10.33	98	333572	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.62	95	96527	34.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.28%	

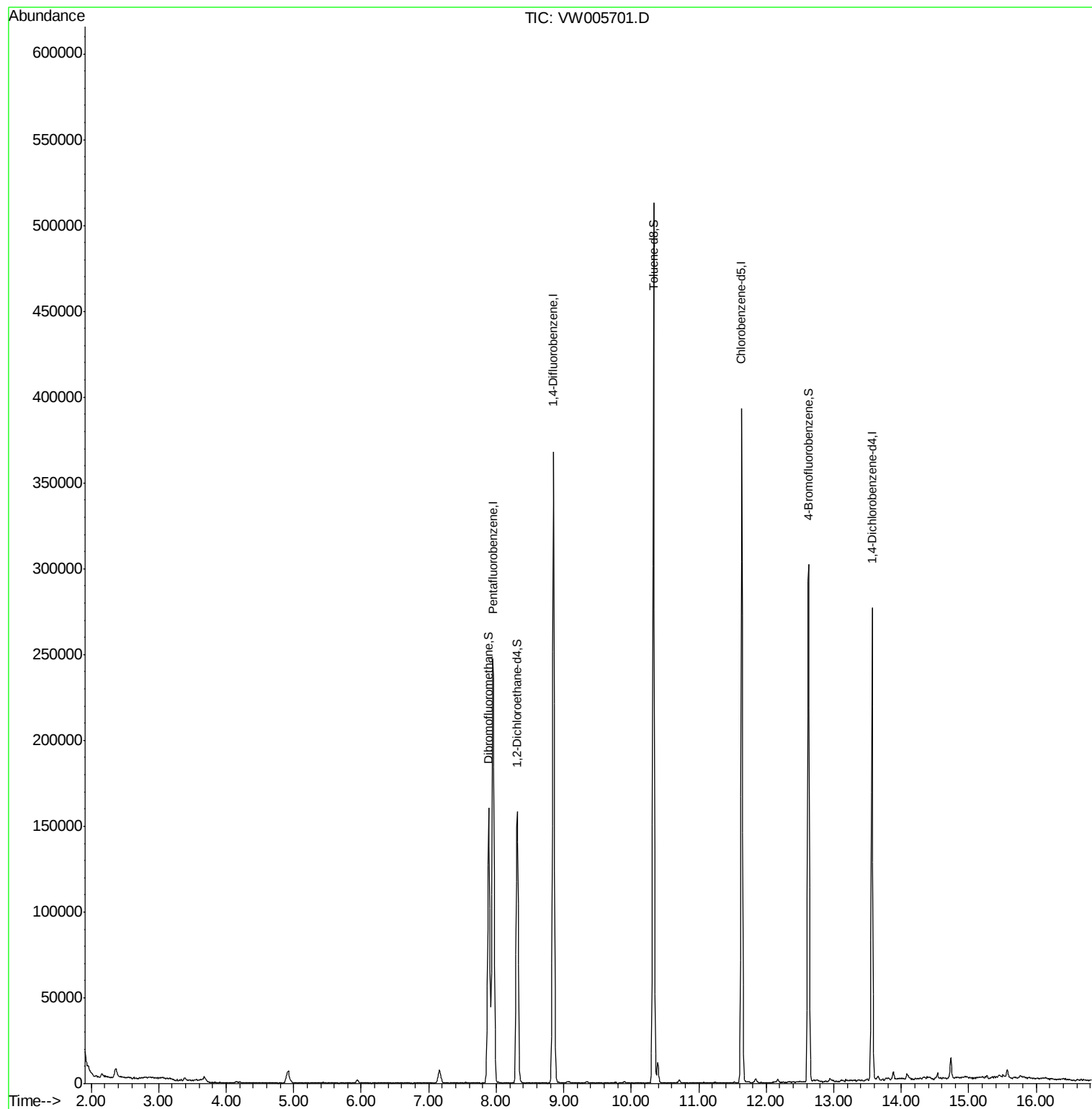
Target Compounds	Qvalue

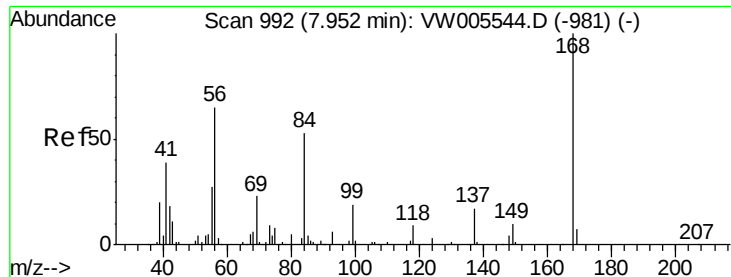
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005701.D

Acq: 27 Sep 2018 15:43

Instrument :

MSVOA_W

ClientSampleId :

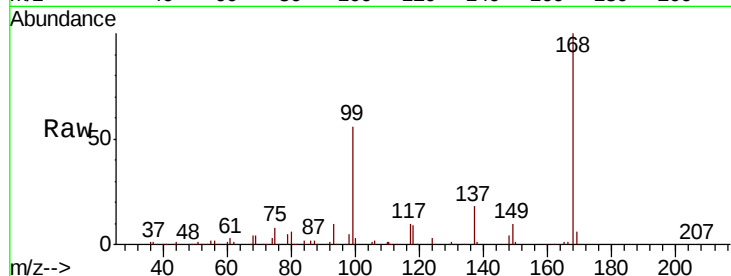
MT-T-5-2RE

Tot Ion:168 Resp: 184674

Ion Ratio Lower Upper

168 100

99 55.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

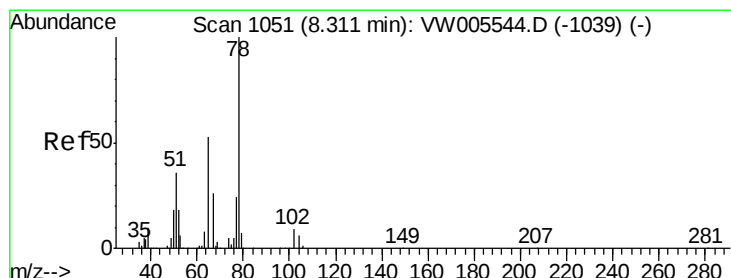
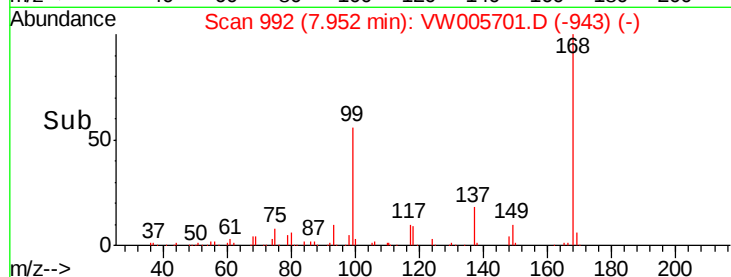
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.457 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005701.D

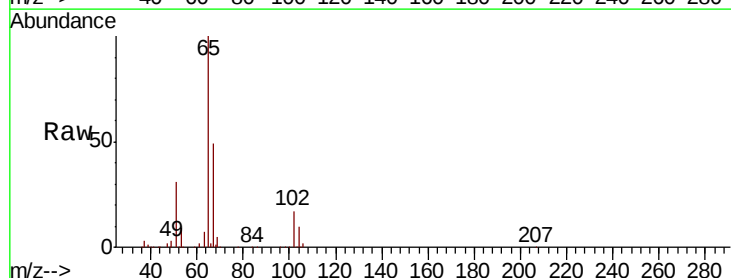
Acq: 27 Sep 2018 15:43

Tgt Ion: 65 Resp: 133705

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

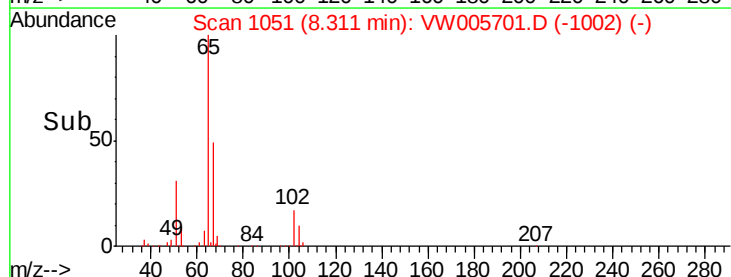
40000

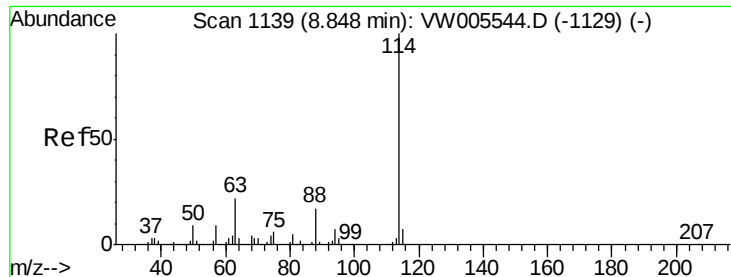
20000

0

8.20 8.30 8.40

Time-->

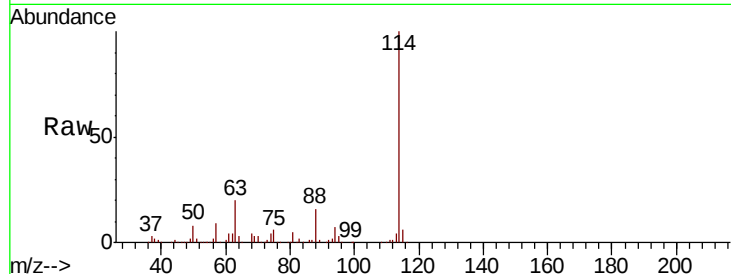




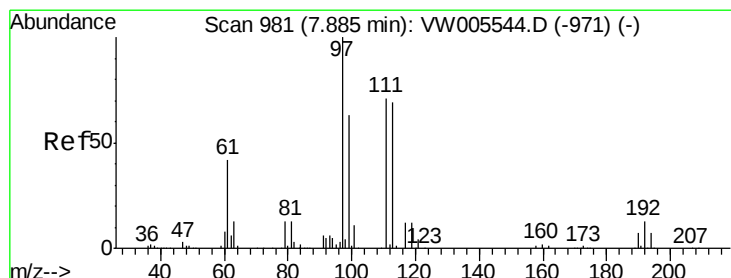
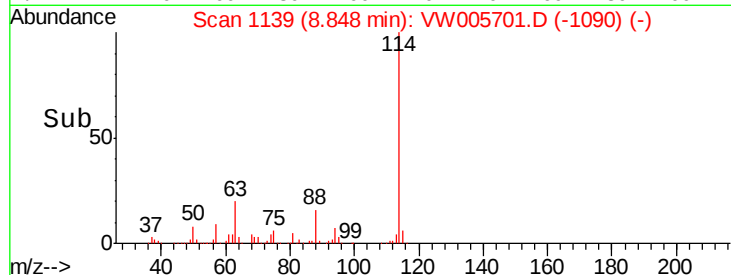
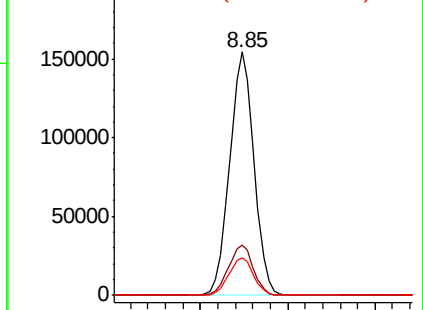
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW005701.D
Acq: 27 Sep 2018 15:43

Instrument :
MSVOA_W
ClientSampleId :
MT-T-5-2RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.0
88	15.6	0.0	33.0

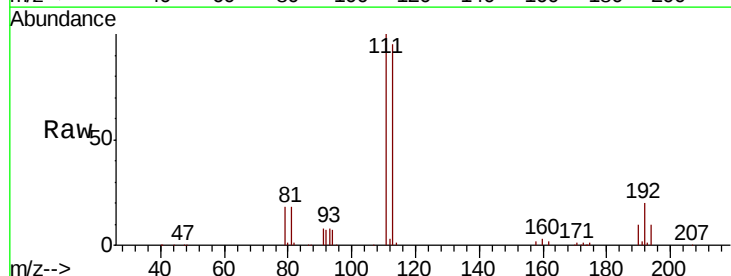


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

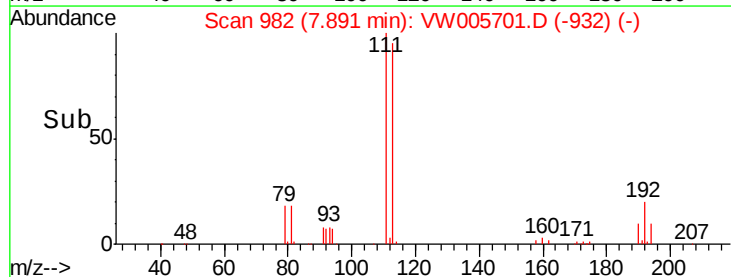
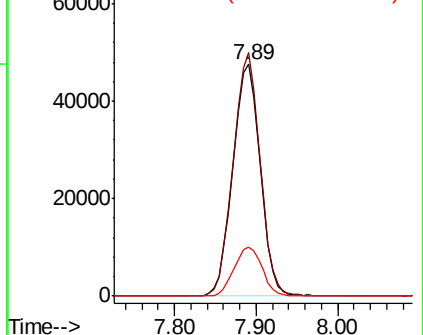


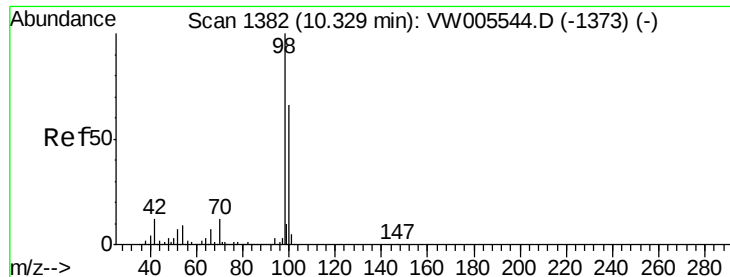
#35
Dibromofluoromethane
Concen: 58.773 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW005701.D
Acq: 27 Sep 2018 15:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	21.3	17.0	25.4



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: 43.661 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005701.D

Acq: 27 Sep 2018 15:43

Instrument :

MSVOA_W

ClientSampleId :

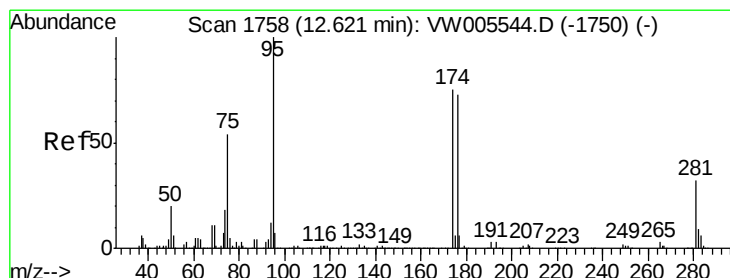
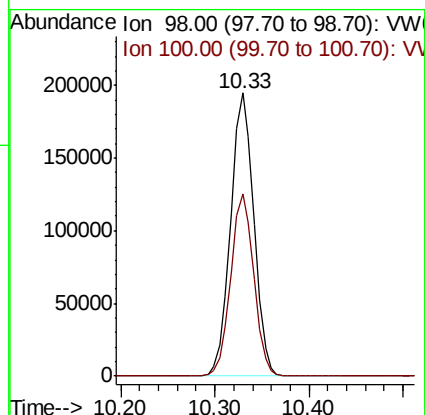
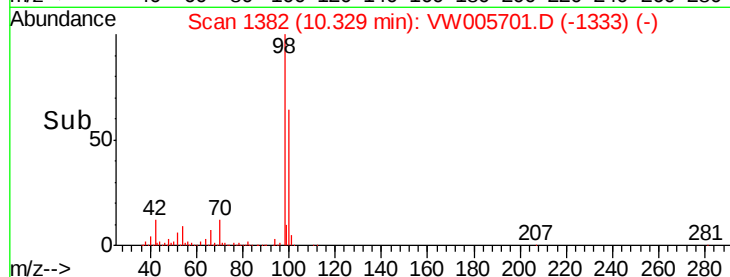
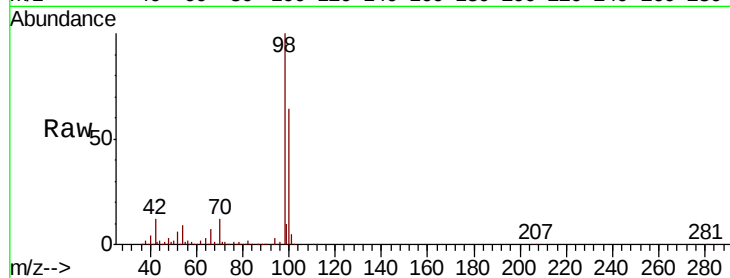
MT-T-5-2RE

Tot Ion: 98 Resp: 333572

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.145 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005701.D

Acq: 27 Sep 2018 15:43

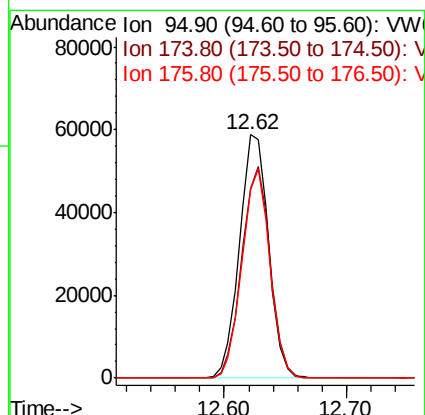
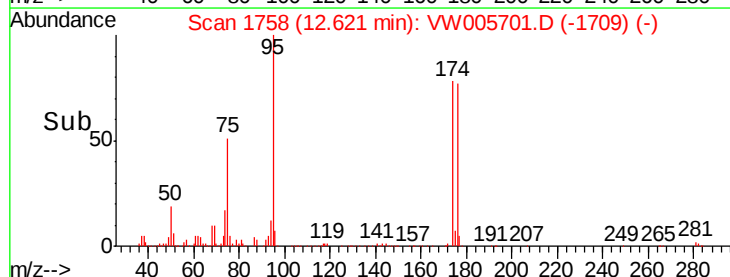
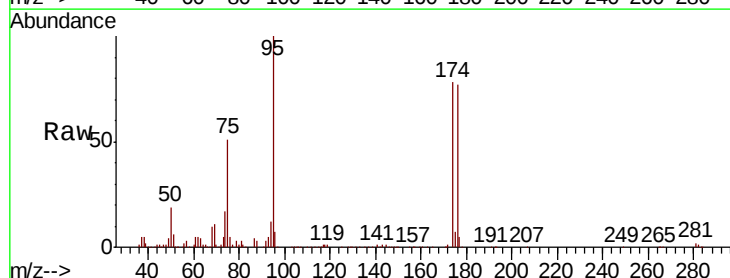
Tgt Ion: 95 Resp: 96527

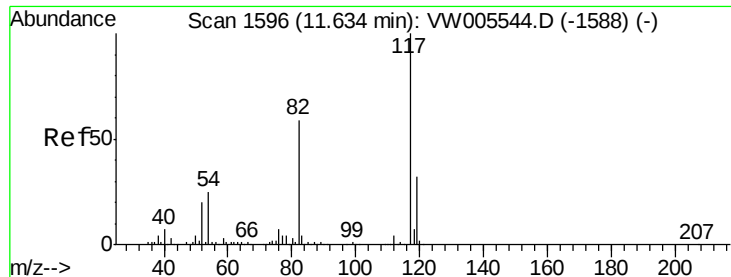
Ion Ratio Lower Upper

95 100

174 85.3 0.0 163.8

176 82.3 0.0 158.0

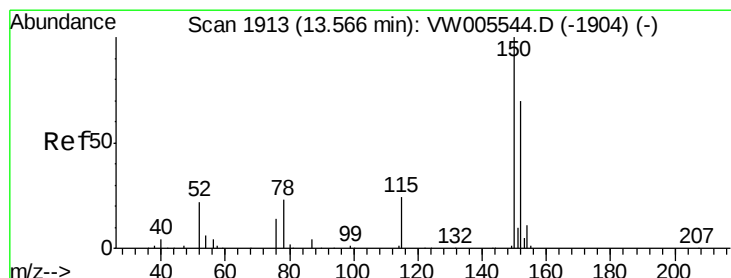
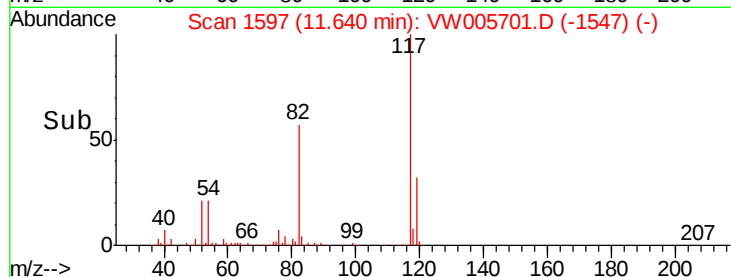
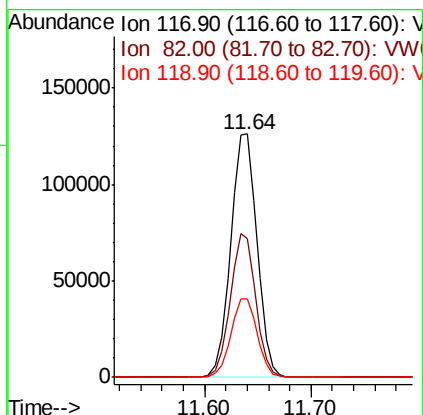
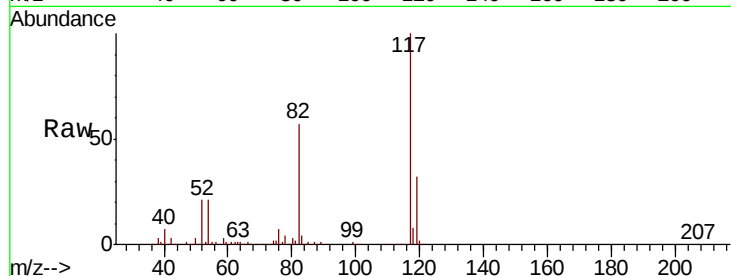




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005701.D
Acq: 27 Sep 2018 15:43

Instrument :
MSVOA_W
ClientSampleId :
MT-T-5-2RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.9	70.3
119	32.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005701.D
Acq: 27 Sep 2018 15:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.0
150	160.0	0.0	348.6

