

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005646.D
 Acq On : 26 Sep 2018 08:30
 Operator : VA/AP
 Sample : J5070-04
 Misc : 5.23G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200031

Quant Time: Sep 26 09:13:46 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	387319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	662524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	574846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	266900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	241507	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.89	113	216936	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	812416	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.62	95	285058	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

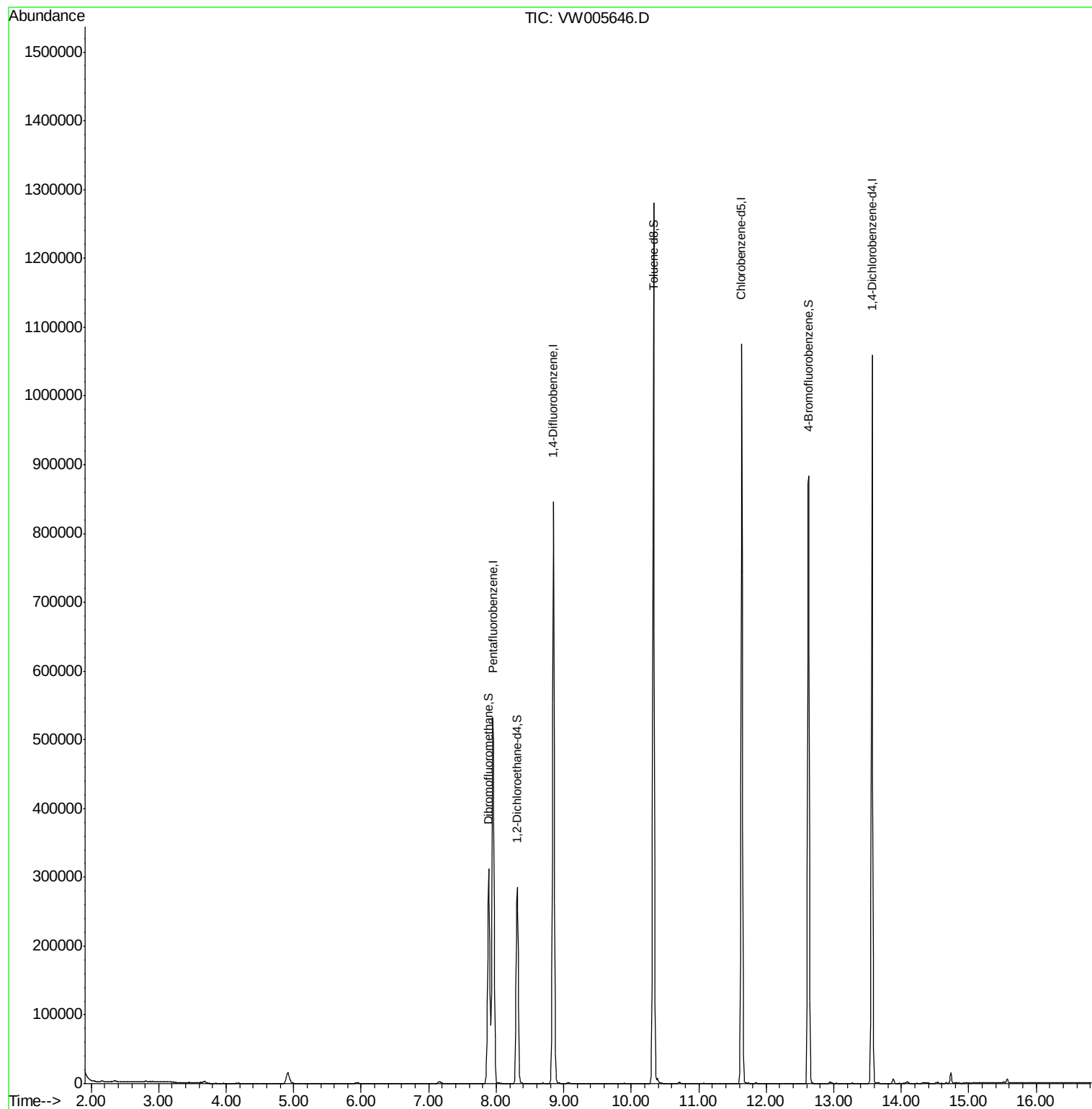
Target Compounds	Qvalue

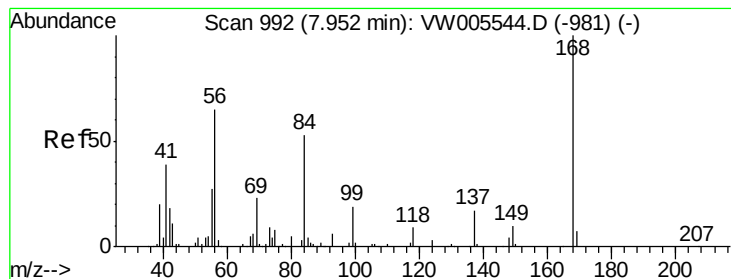
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005646.D

Acq: 26 Sep 2018 08:30

Instrument :

MSVOA_W

ClientSampleId :

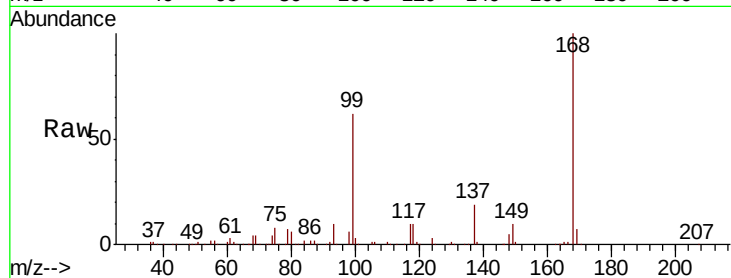
CS-RBR-200031

Tot Ion:168 Resp: 387319

Ion Ratio Lower Upper

168 100

99 61.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

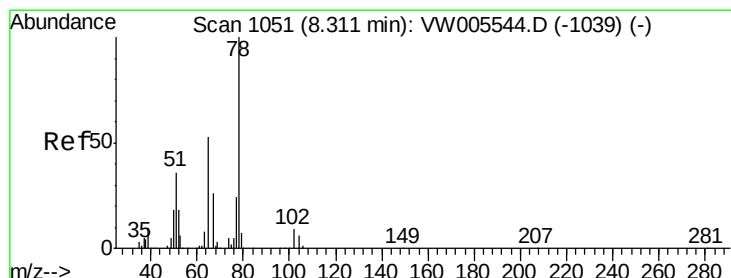
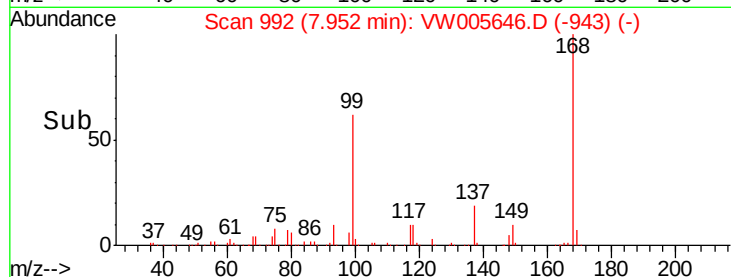
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.928 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005646.D

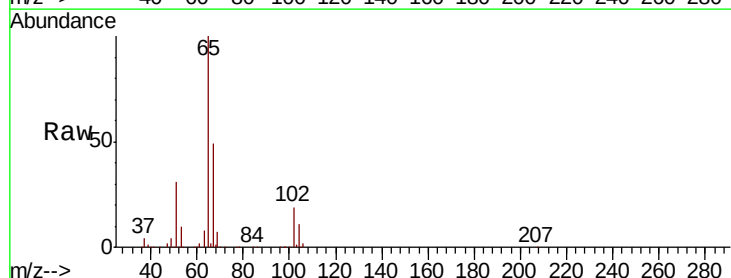
Acq: 26 Sep 2018 08:30

Tgt Ion: 65 Resp: 241507

Ion Ratio Lower Upper

65 100

67 49.1 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

120000

100000

80000

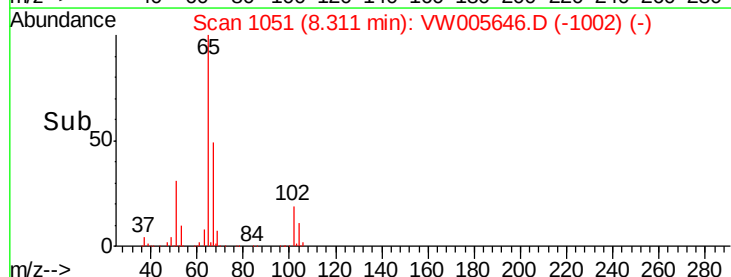
60000

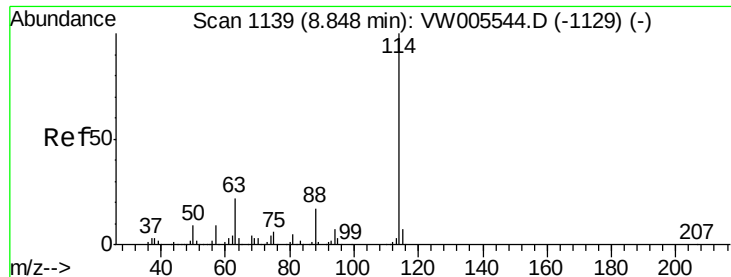
40000

20000

0

Time--> 8.20 8.30 8.40

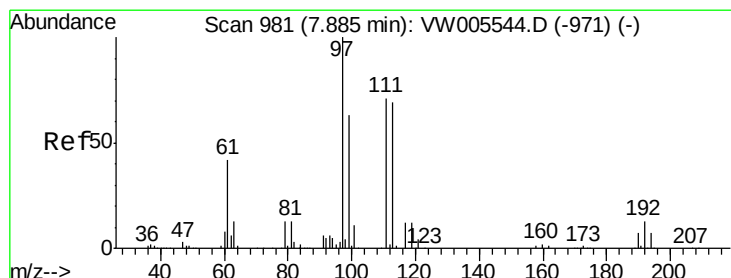
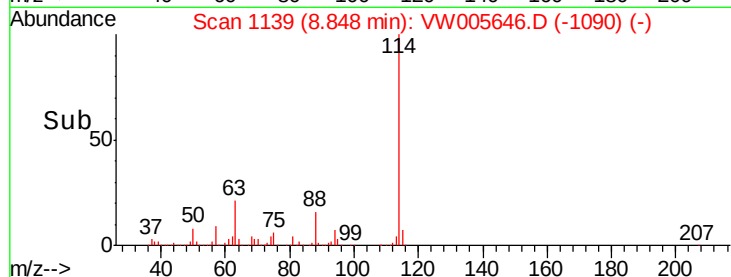
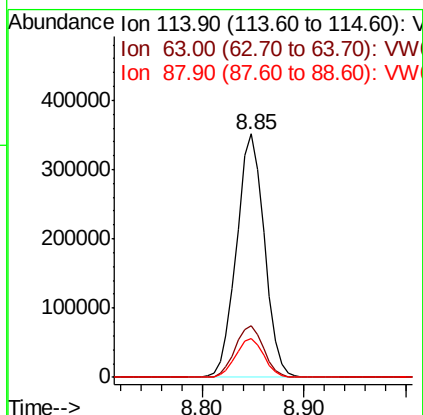
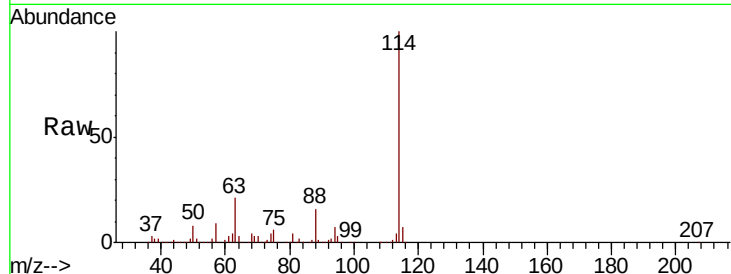




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005646.D
 Acq: 26 Sep 2018 08:30

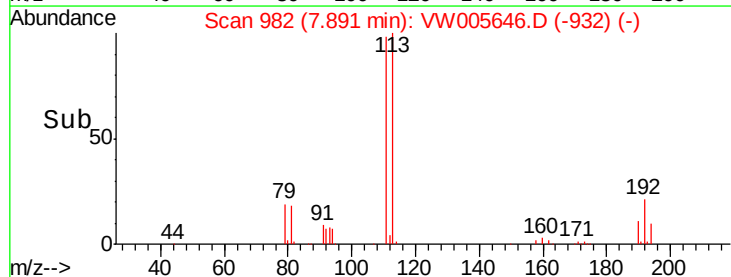
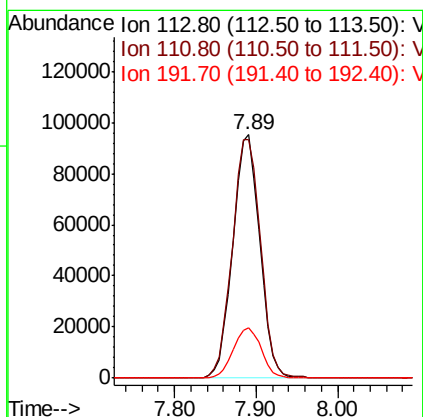
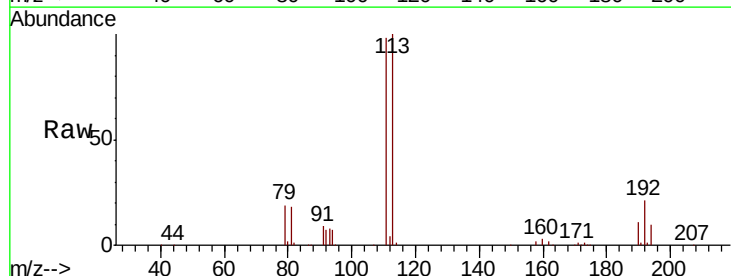
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200031

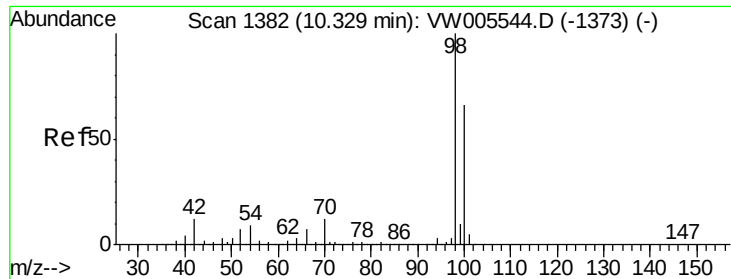
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	16.1	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.069 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005646.D
 Acq: 26 Sep 2018 08:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	21.6	17.0	25.4





#50

Toluene-d8

Concen: 47.889 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005646.D

Acq: 26 Sep 2018 08:30

Instrument :

MSVOA_W

ClientSampleId :

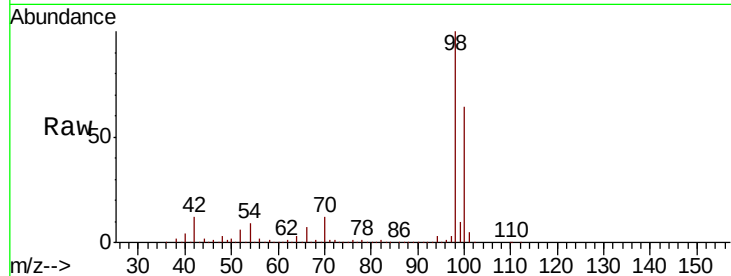
CS-RBR-200031

Tot Ion: 98 Resp: 812416

Ion Ratio Lower Upper

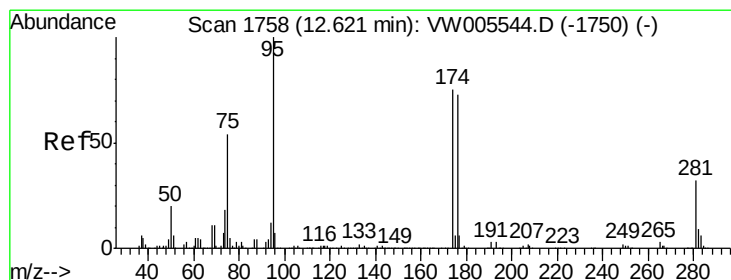
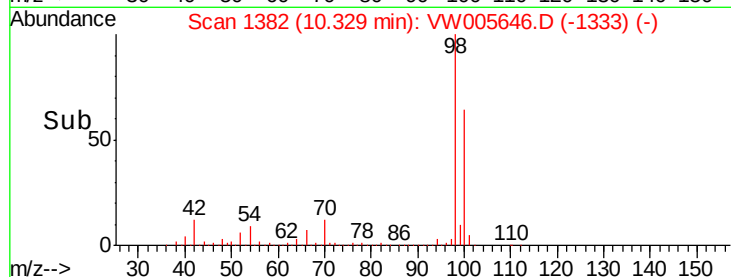
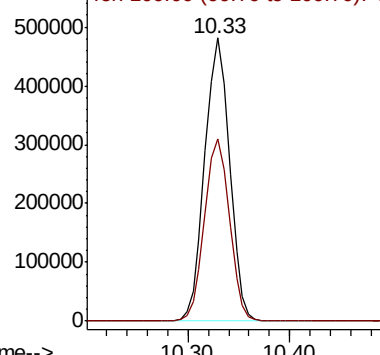
98 100

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: 45.411 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005646.D

Acq: 26 Sep 2018 08:30

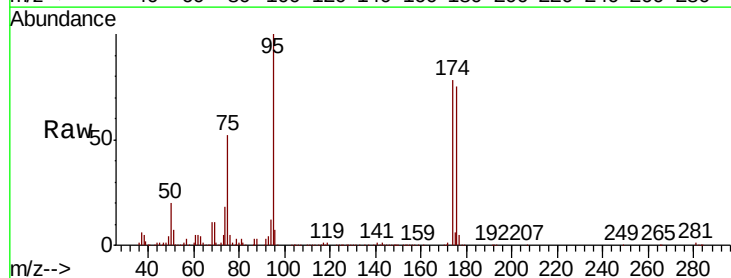
Tgt Ion: 95 Resp: 285058

Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.8

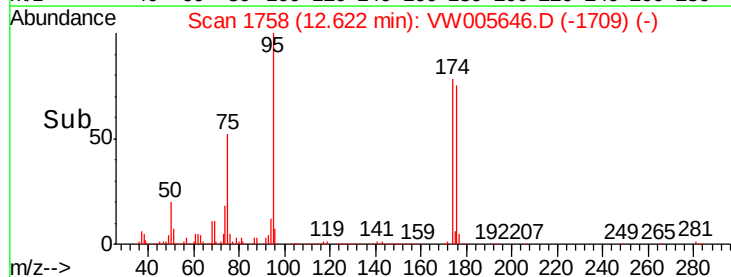
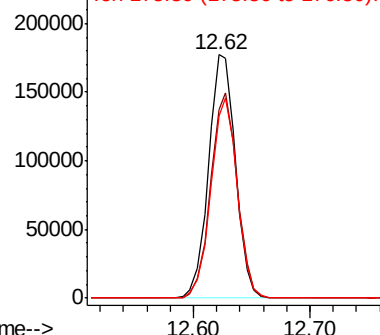
176 80.7 0.0 158.0

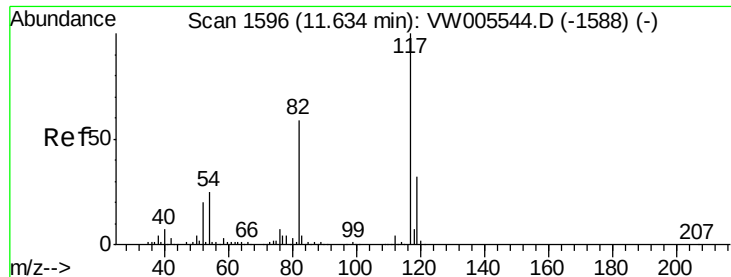


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

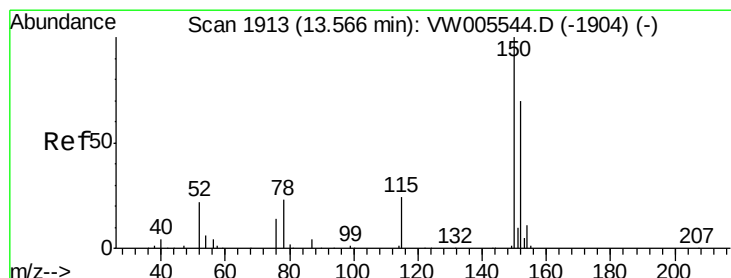
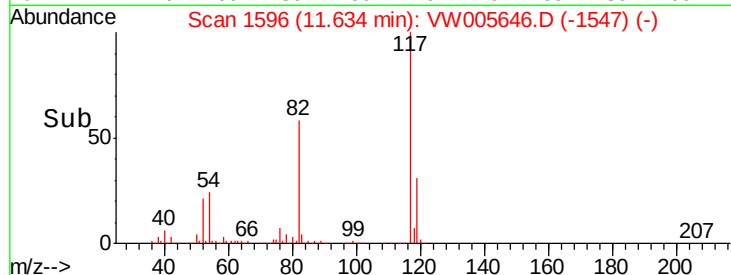
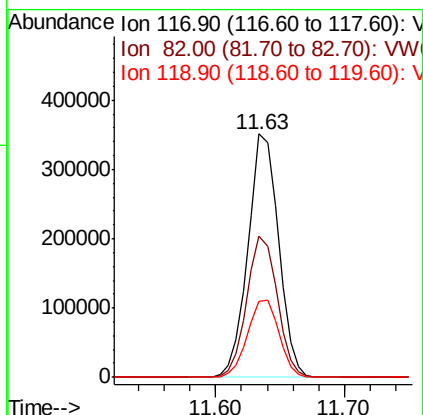
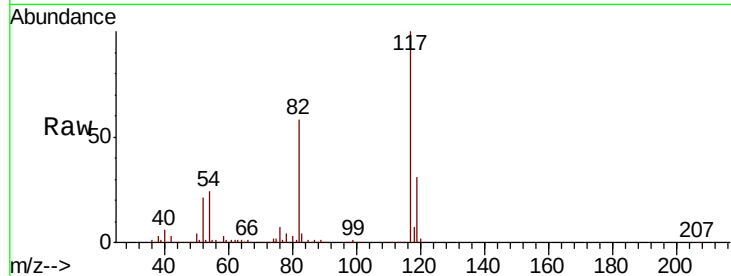




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005646.D
Acq: 26 Sep 2018 08:30

Instrument :
MSVOA_W
ClientSampleId :
CS-RBR-200031

Tot Ion:117 Resp: 574846
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 31.4 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: VW005646.D
Acq: 26 Sep 2018 08:30

Tgt Ion:152 Resp: 266900
Ion Ratio Lower Upper
152 100
115 57.6 30.0 90.0
150 157.8 0.0 348.6

