

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005653.D
 Acq On : 26 Sep 2018 11:31
 Operator : VA/AP
 Sample : J4779-05RE
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-092418-ARE

Quant Time: Sep 26 14:55:34 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

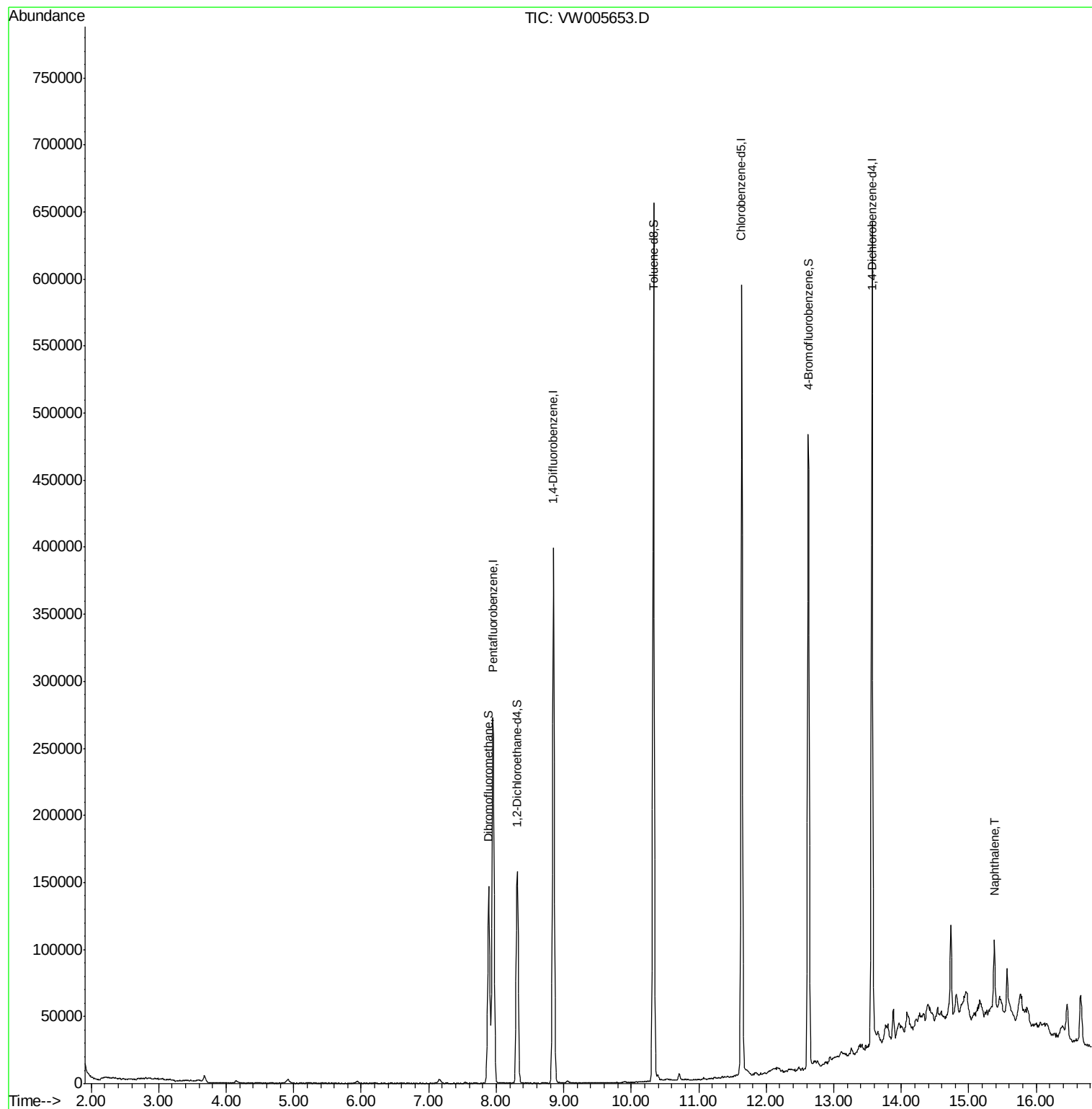
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	319430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	158325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136471	57.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.80%	
35) Dibromofluoromethane	7.88	113	101263	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.33	98	421063	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.62	95	148775	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
Target Compounds						
95) Naphthalene	15.38	128	39011	6.999	ug/l	Qvalue 96

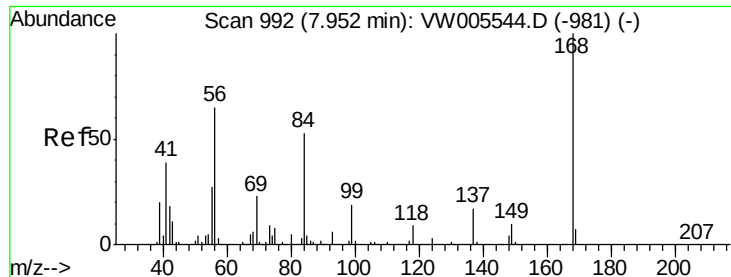
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005653.D

Acq: 26 Sep 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

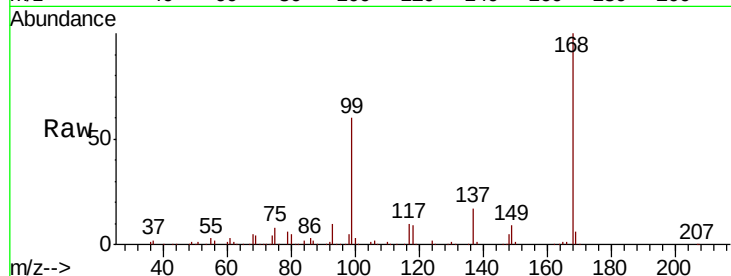
SU-02-092418-ARE

Tot Ion:168 Resp: 201818

Ion Ratio Lower Upper

168 100

99 60.0 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

100000

80000

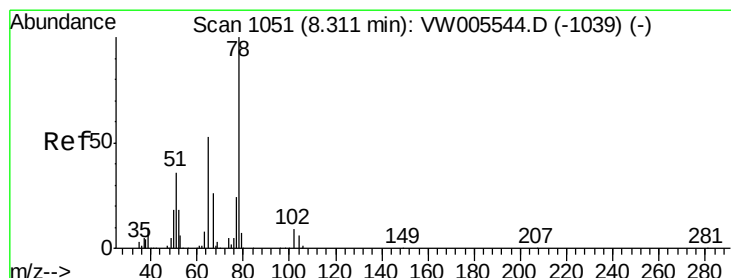
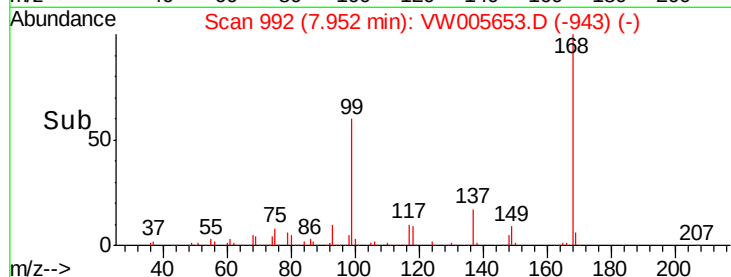
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.400 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005653.D

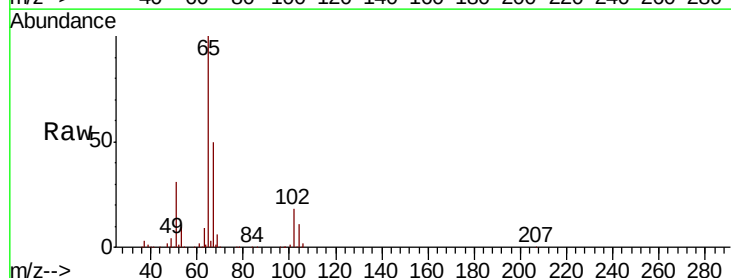
Acq: 26 Sep 2018 11:31

Tgt Ion: 65 Resp: 136471

Ion Ratio Lower Upper

65 100

67 49.4 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

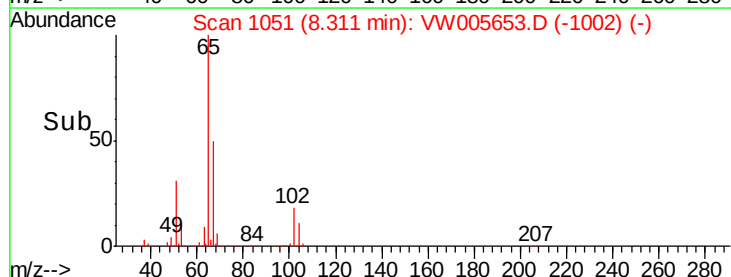
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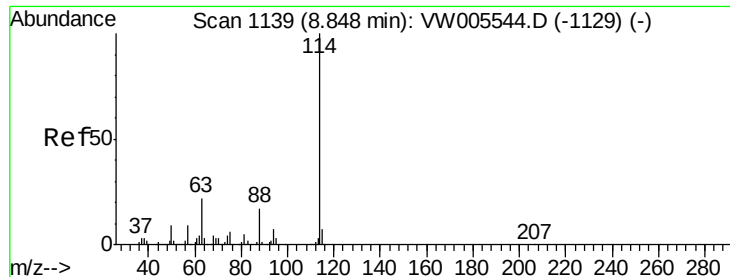
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Time-->

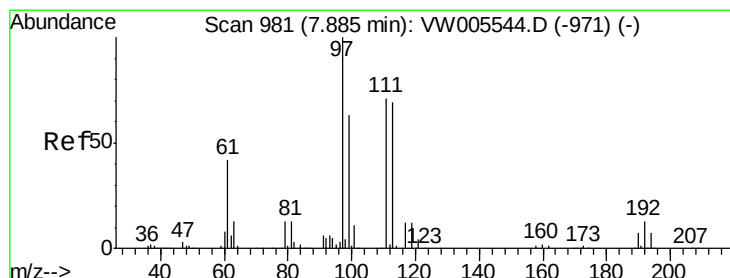
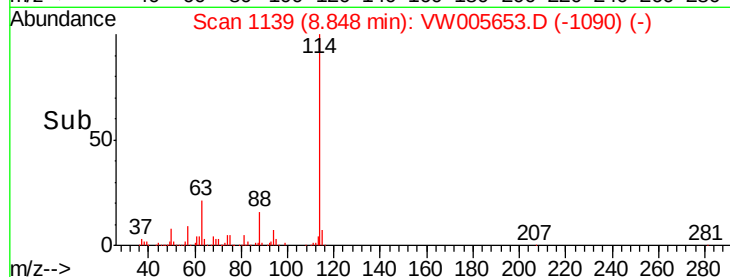
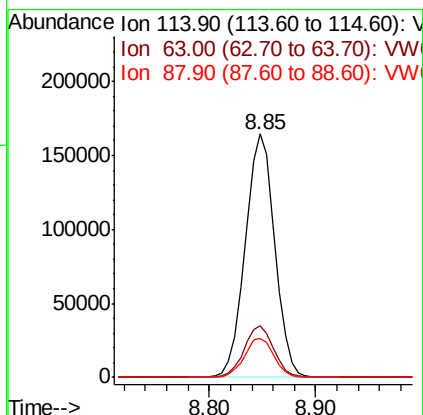
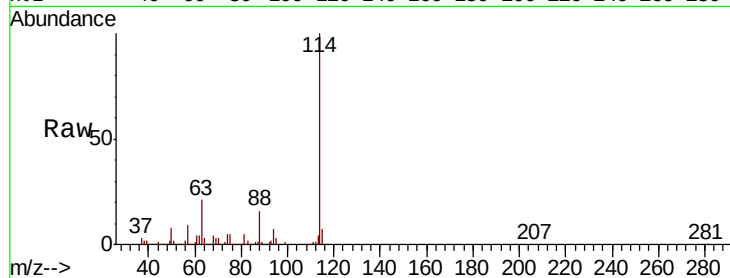




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005653.D
 Acq: 26 Sep 2018 11:31

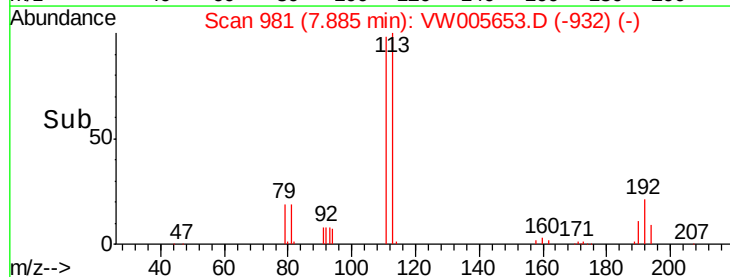
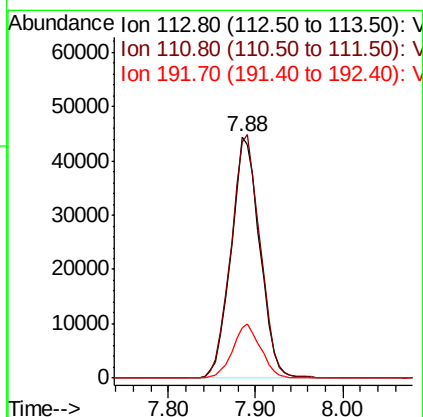
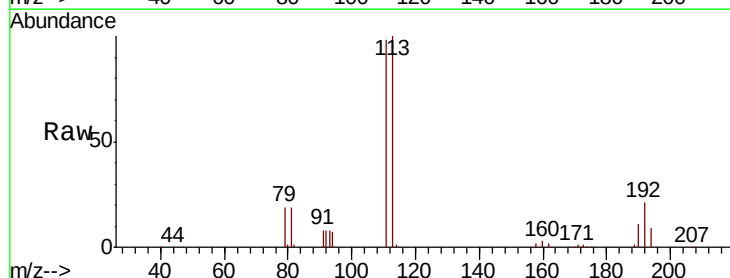
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-092418-ARE

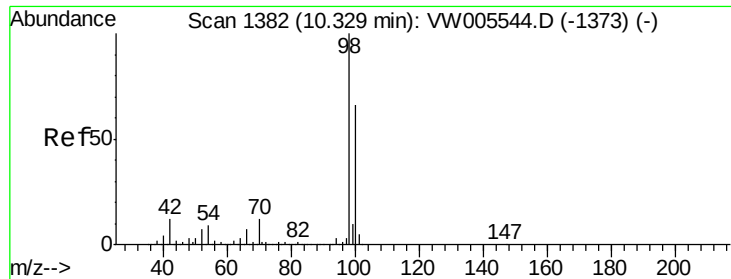
Tot Ion:114 Resp: 319430
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.7 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.410 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005653.D
 Acq: 26 Sep 2018 11:31

Tgt Ion:113 Resp: 101263
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 21.8 17.0 25.4





#50

Toluene-d8

Concen: 51.479 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005653.D

Acq: 26 Sep 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

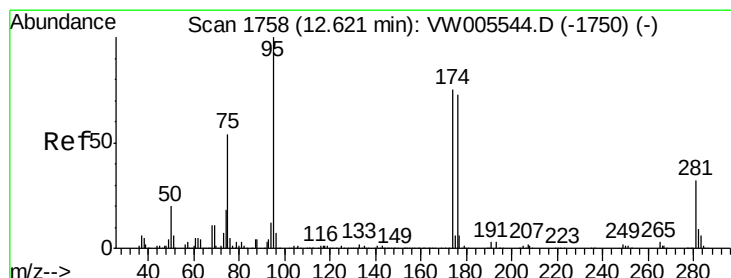
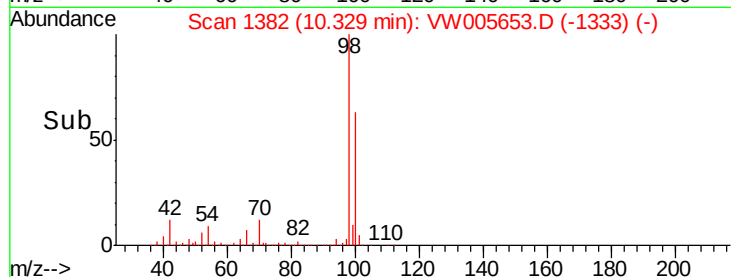
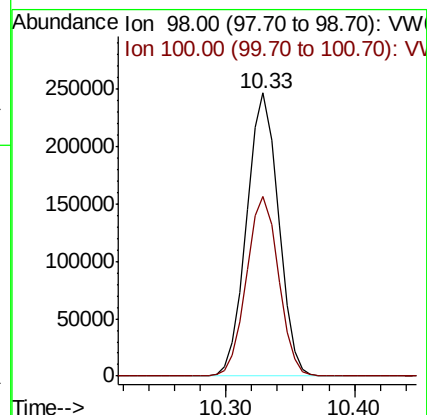
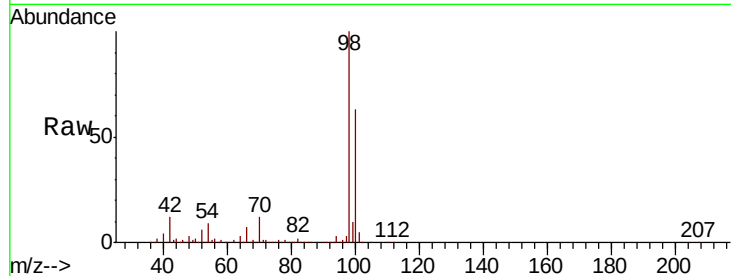
SU-02-092418-ARE

Tot Ion: 98 Resp: 421063

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 49.157 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005653.D

Acq: 26 Sep 2018 11:31

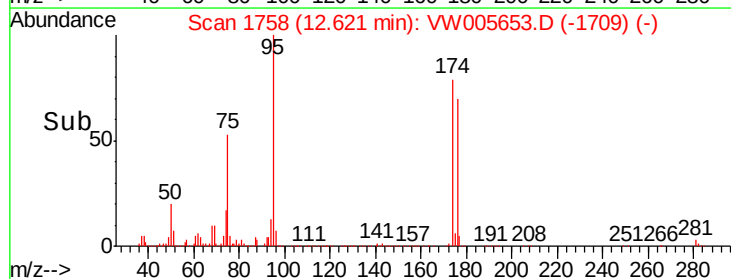
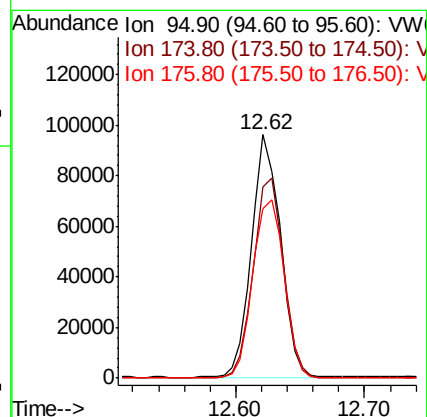
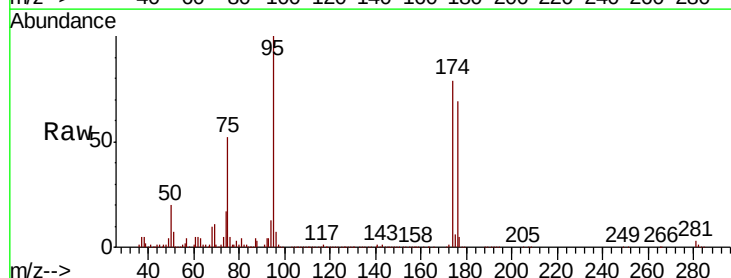
Tgt Ion: 95 Resp: 148775

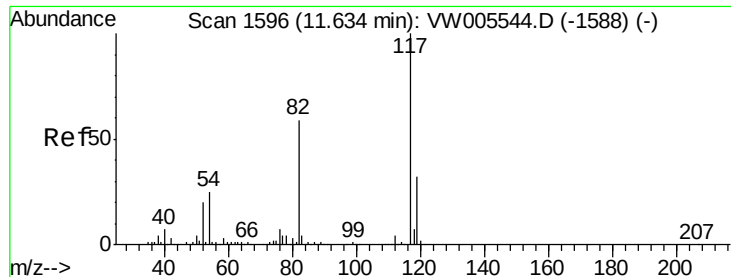
Ion Ratio Lower Upper

95 100

174 86.0 0.0 163.8

176 79.9 0.0 158.0

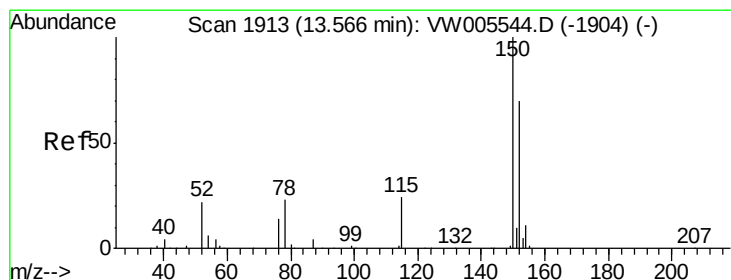
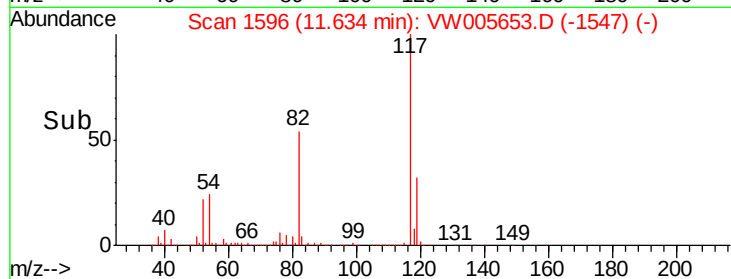
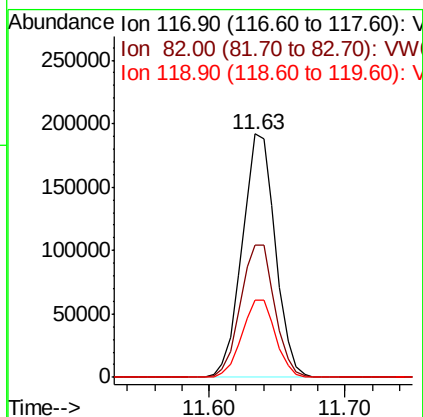
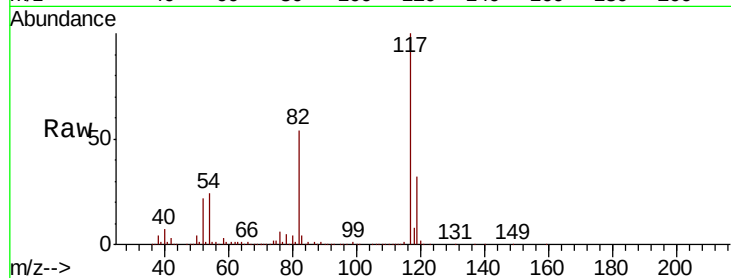




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005653.D
Acq: 26 Sep 2018 11:31

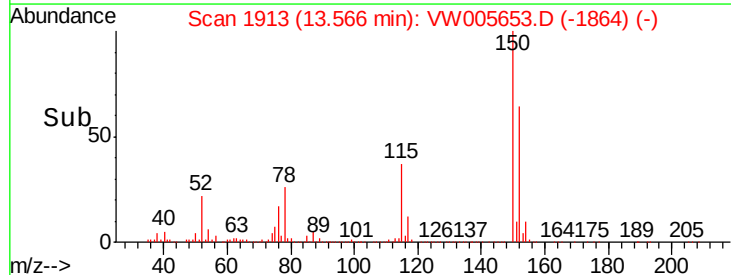
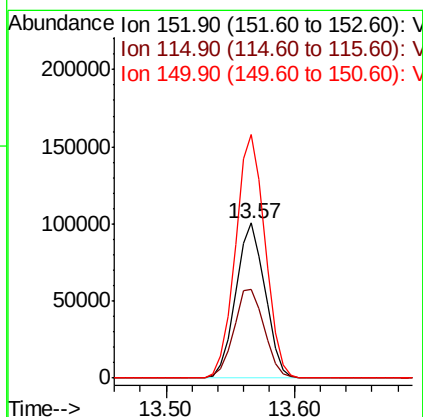
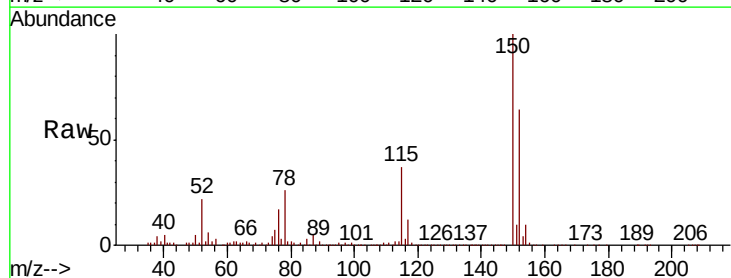
Instrument :
MSVOA_W
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SU-02-092418-ARE

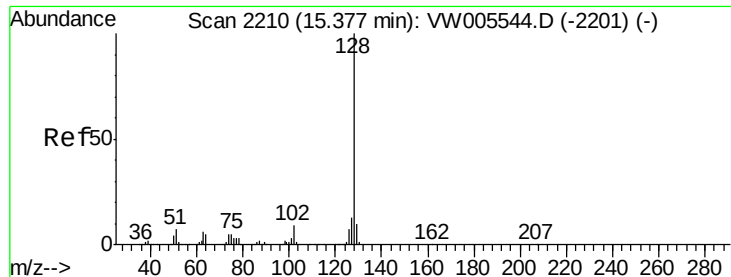
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.9	70.3
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005653.D
Acq: 26 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.0
150	158.0	0.0	348.6

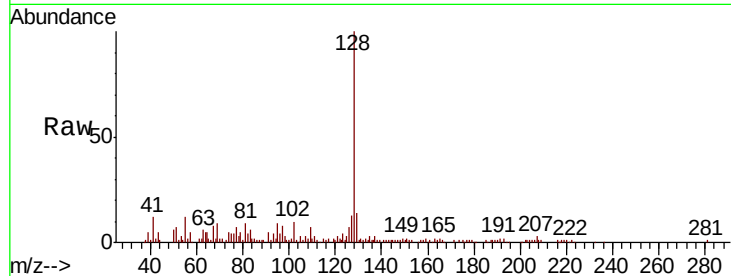




#95
Naphthalene
Concen: 6.999 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005653.D
Acq: 26 Sep 2018 11:31

Instrument :
MSVOA_W
ClientSampleId :
SU-02-092418-ARE

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.9	16.3
129	12.7	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

