

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006346.D
 Acq On : 25 Oct 2018 05:21
 Operator : SY/AP
 Sample : J5651-01RE
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030RE

Quant Time: Oct 25 07:46:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	237754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69275	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	125978	62.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.18%	
35) Dibromofluoromethane	7.88	113	117879	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
50) Toluene-d8	10.32	98	310187	38.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.50%	
62) 4-Bromofluorobenzene	12.62	95	90828	29.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.64%	

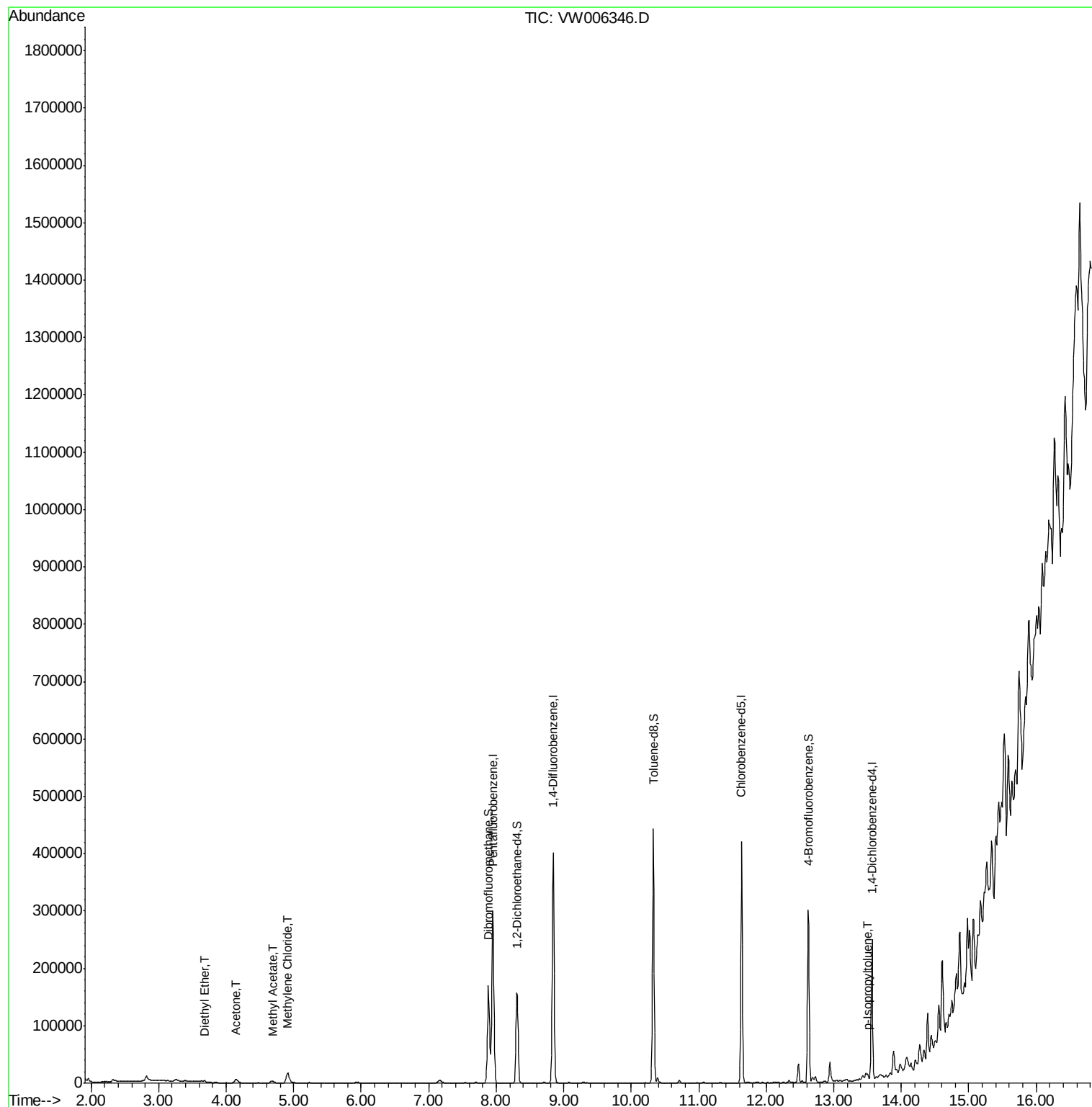
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1949	1.768	ug/l	91
16) Acetone	4.15	43	11826	17.289	ug/l	96
18) Methyl Acetate	4.68	43	6833	6.692	ug/l	98
20) Methylene Chloride	4.91	84	15005	5.542	ug/l	89
86) p-Isopropyltoluene	13.51	119	5326	1.129	ug/l	97

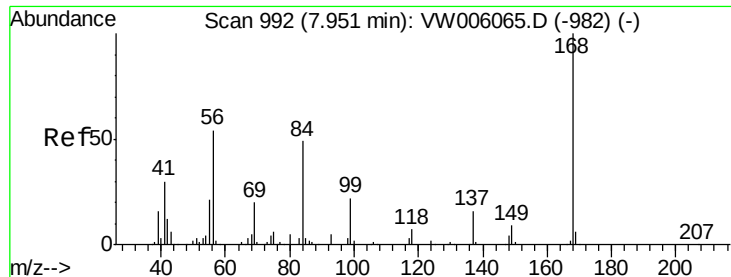
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 25 07:46:01 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006346.D

Acq: 25 Oct 2018 05:21

Instrument :

MSVOA_W

ClientSampleId :

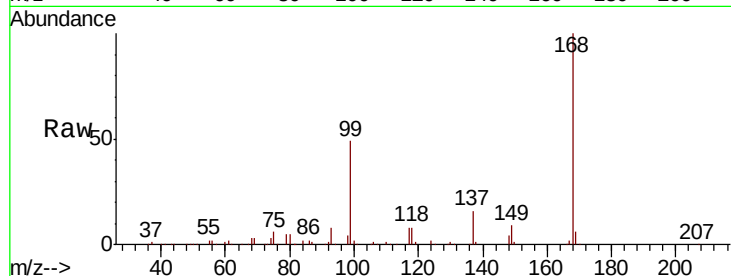
RBR-200030RE

Tot Ion:168 Resp: 244721

Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

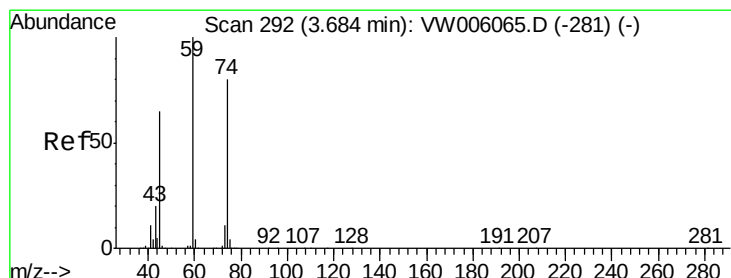
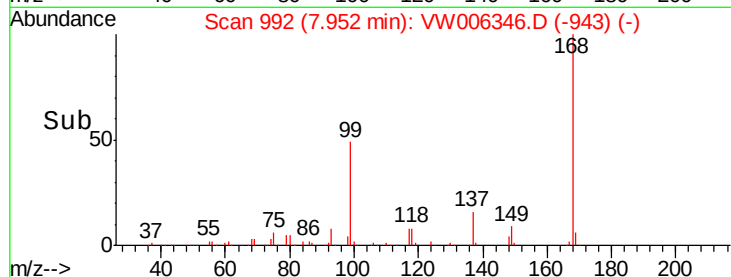
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.768 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006346.D

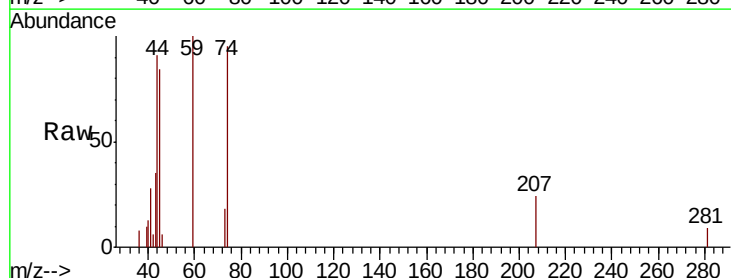
Acq: 25 Oct 2018 05:21

Tgt Ion: 74 Resp: 1949

Ion Ratio Lower Upper

74 100

45 93.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1000

800

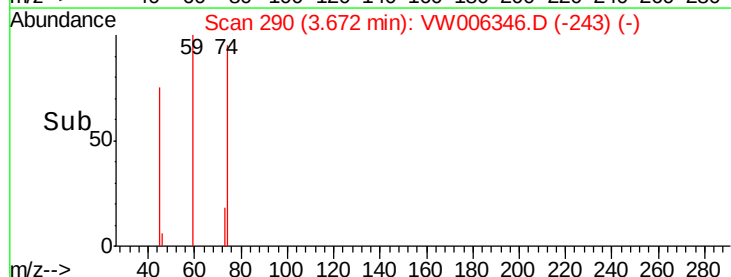
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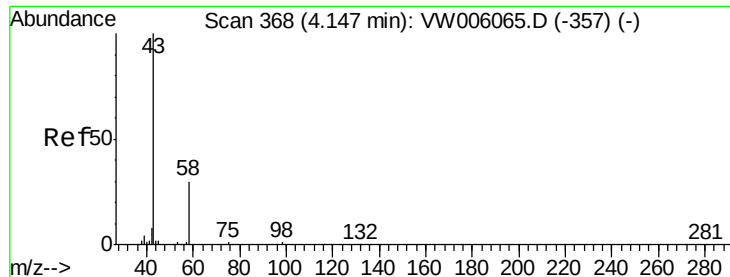
400

200

0

Time-->





#16

Acetone

Concen: 17.289 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006346.D

Acq: 25 Oct 2018 05:21

Instrument :

MSVOA_W

ClientSampleId :

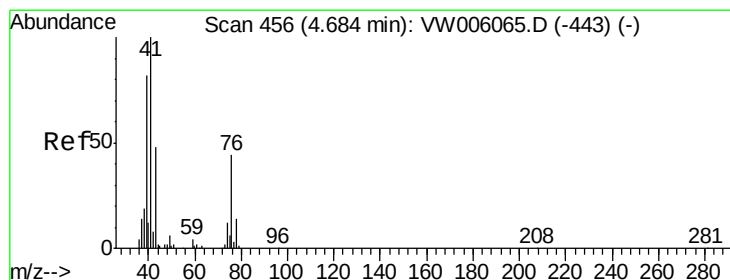
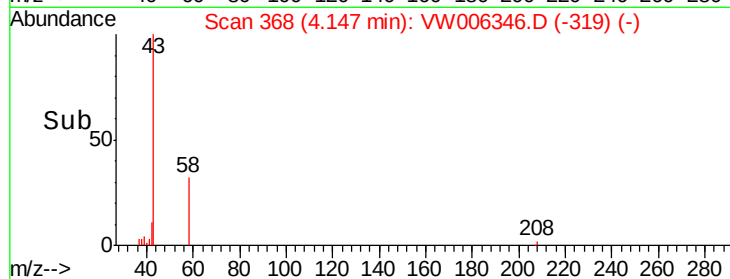
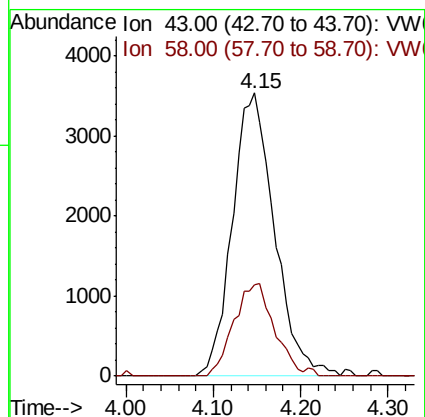
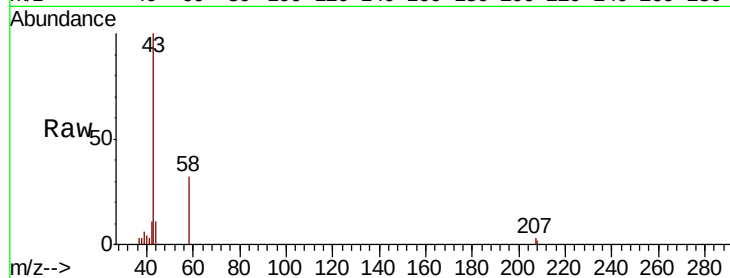
RBR-200030RE

Tot Ion: 43 Resp: 11826

Ion Ratio Lower Upper

43 100

58 32.4 24.0 36.0



#18

Methyl Acetate

Concen: 6.692 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006346.D

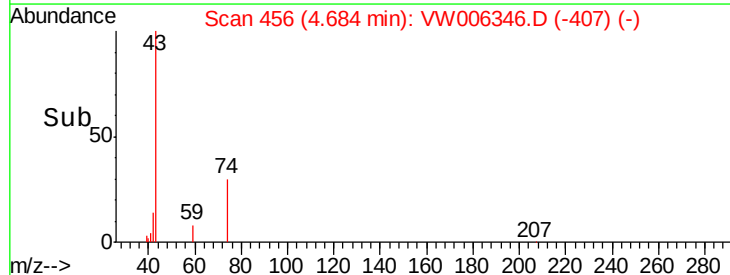
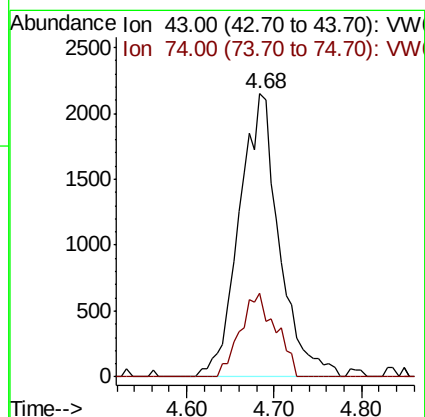
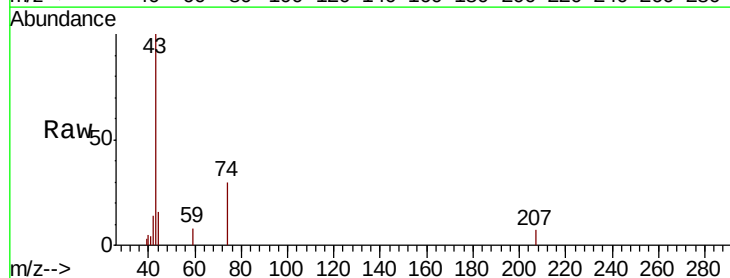
Acq: 25 Oct 2018 05:21

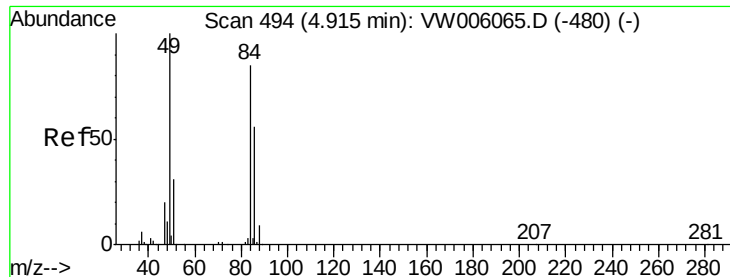
Tgt Ion: 43 Resp: 6833

Ion Ratio Lower Upper

43 100

74 26.5 20.5 30.7





#20

Methylene Chloride

Concen: 5.542 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006346.D

Acq: 25 Oct 2018 05:21

Instrument :

MSVOA_W

ClientSampleId :

RBR-200030RE

Tot Ion: 84 Resp: 15005

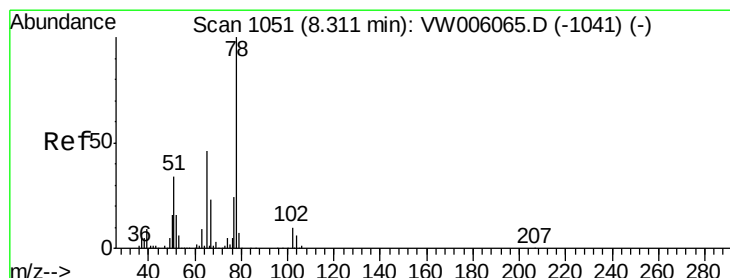
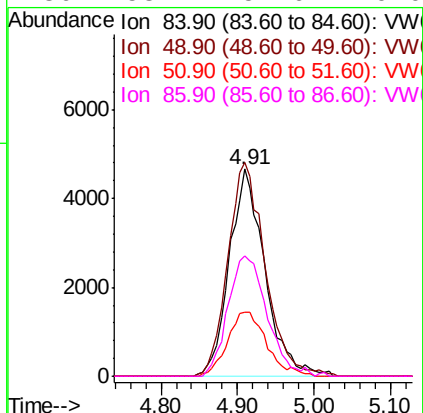
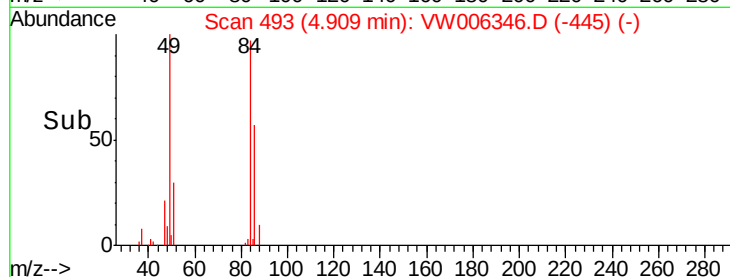
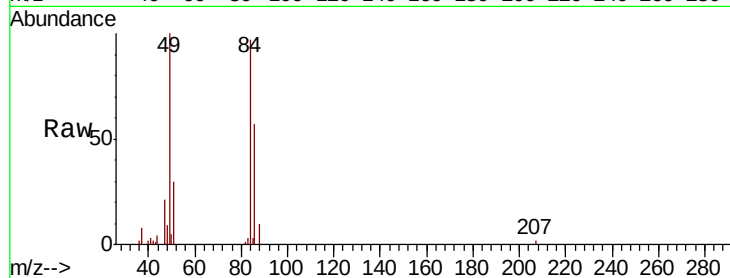
Ion Ratio Lower Upper

84 100

49 103.1 93.6 140.4

51 31.0 29.0 43.4

86 58.4 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 62.093 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006346.D

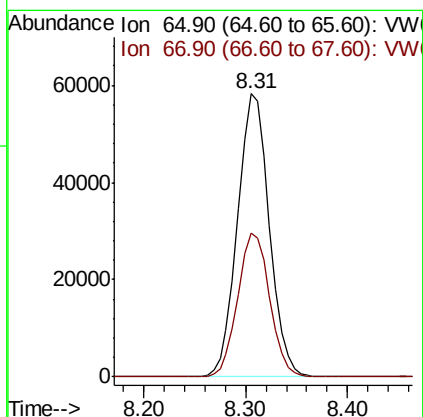
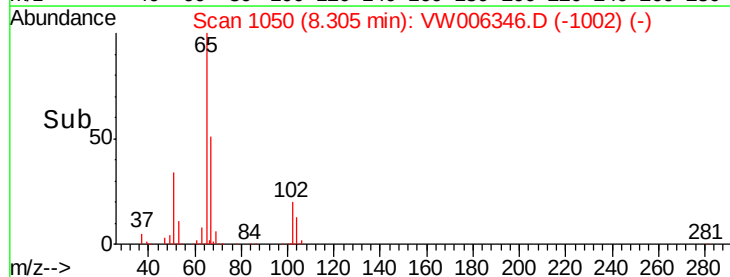
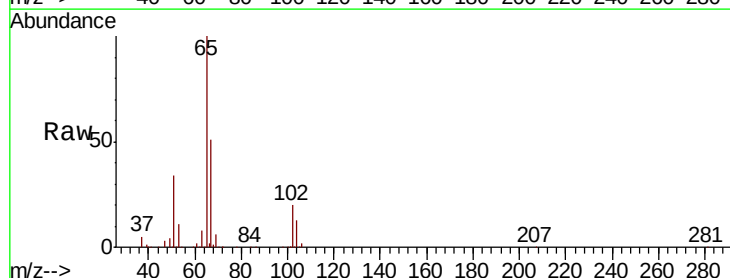
Acq: 25 Oct 2018 05:21

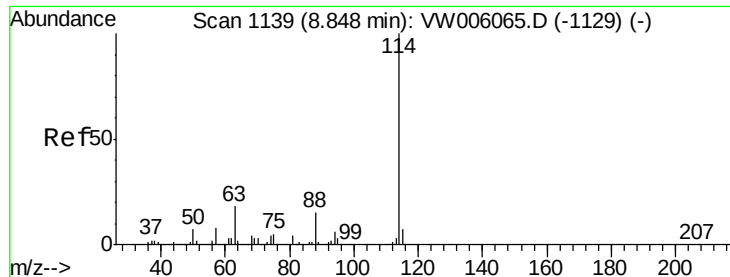
Tgt Ion: 65 Resp: 125978

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.0

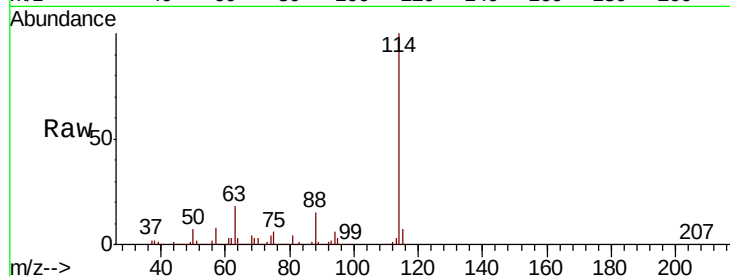




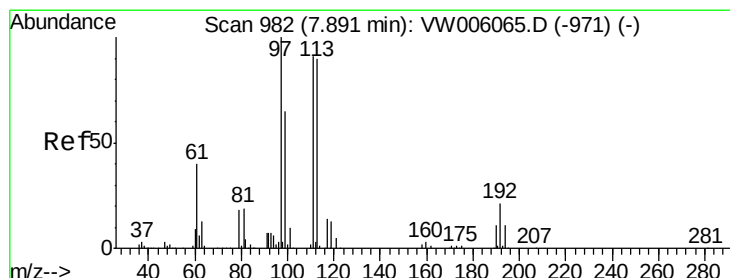
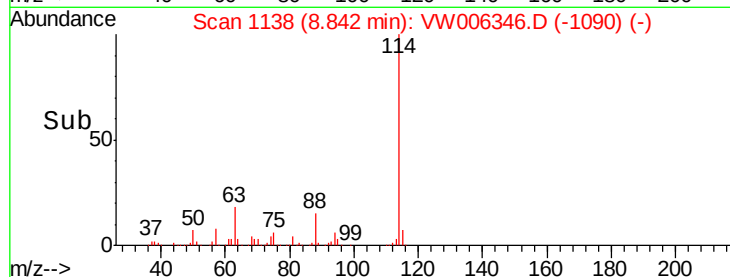
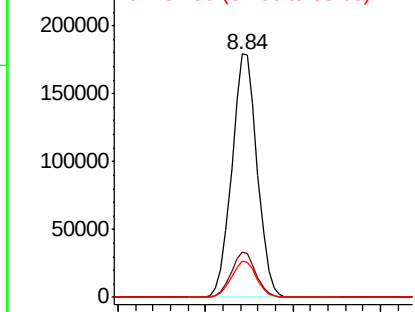
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006346.D
Acq: 25 Oct 2018 05:21

Instrument :
MSVOA_W
ClientSampleId :
RBR-200030RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.8
88	14.9	0.0	29.0

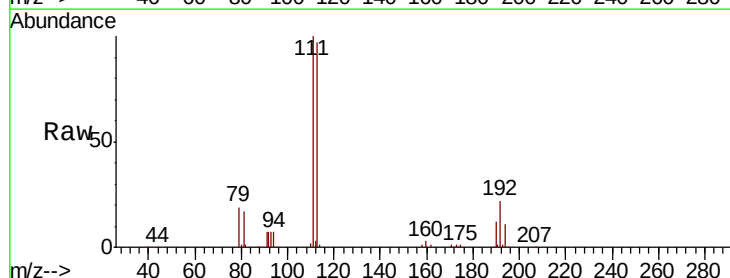


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

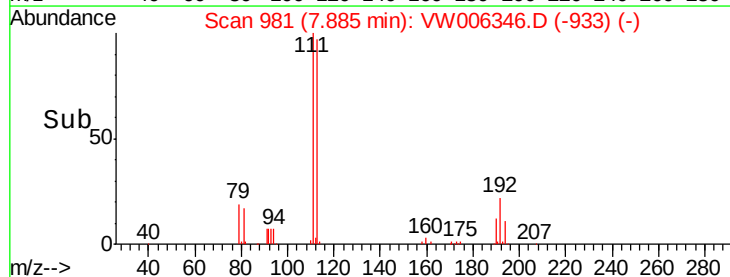
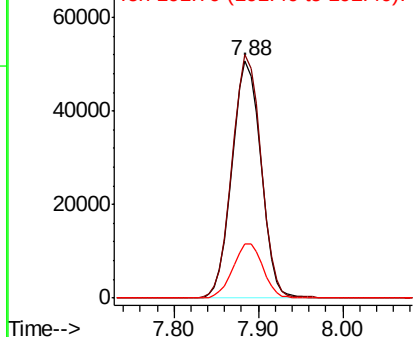


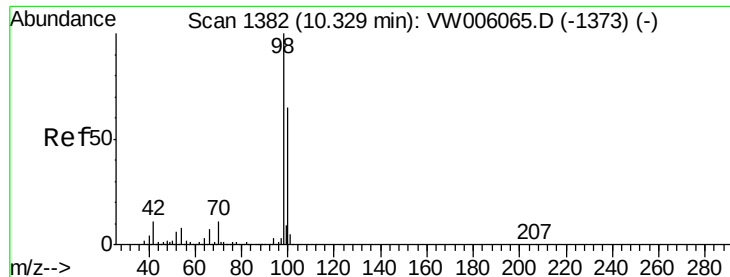
#35
Dibromofluoromethane
Concen: 55.296 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006346.D
Acq: 25 Oct 2018 05:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	23.6	18.7	28.1



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: 38.246 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006346.D

Acq: 25 Oct 2018 05:21

Instrument :

MSVOA_W

ClientSampleId :

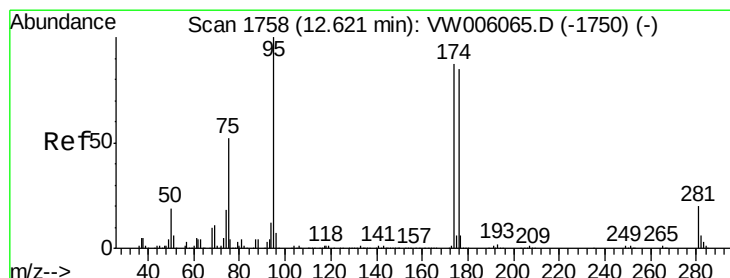
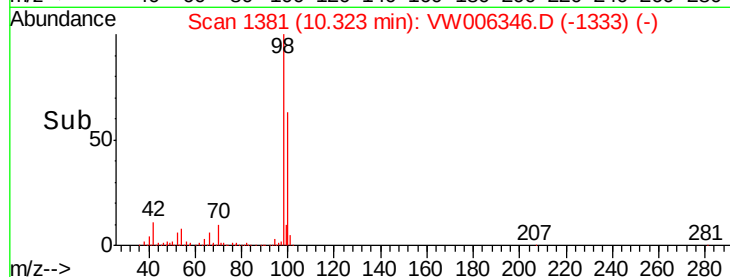
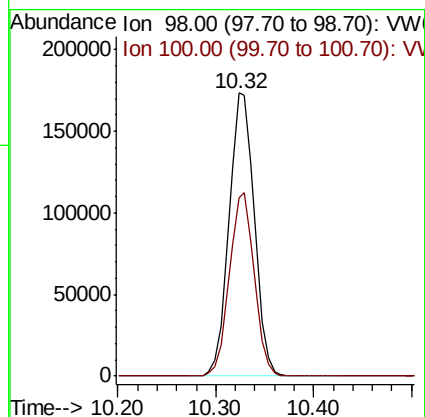
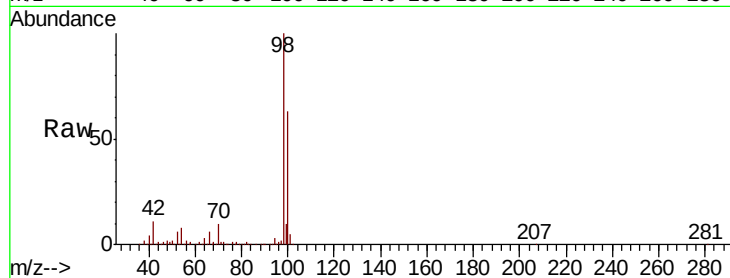
RBR-200030RE

Tot Ion: 98 Resp: 310187

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 29.817 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006346.D

Acq: 25 Oct 2018 05:21

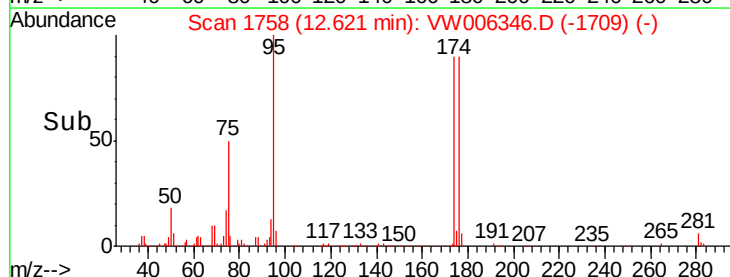
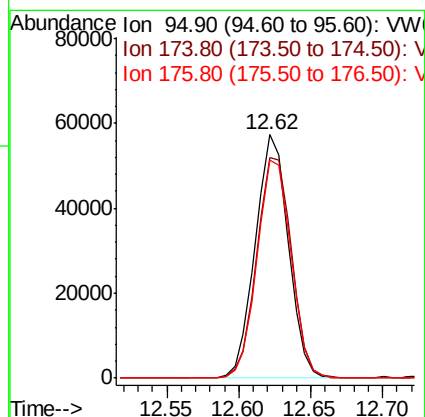
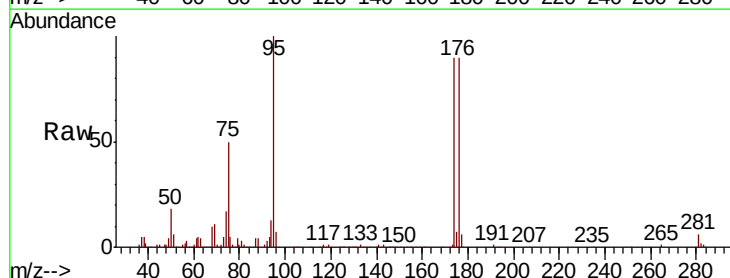
Tgt Ion: 95 Resp: 90828

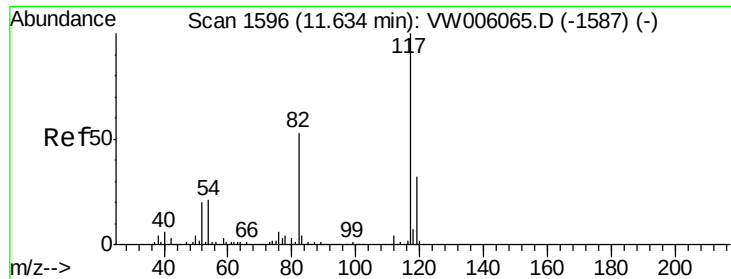
Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

176 92.2 0.0 181.6

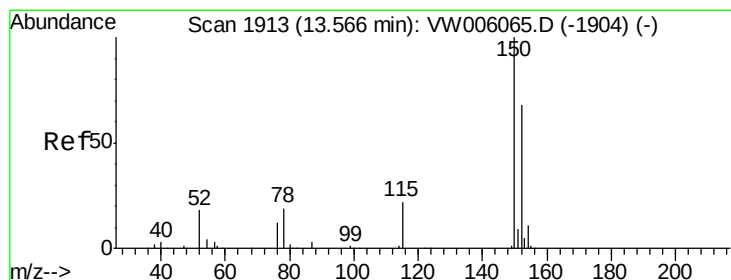
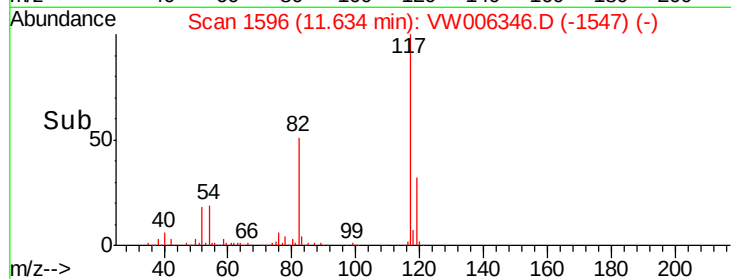
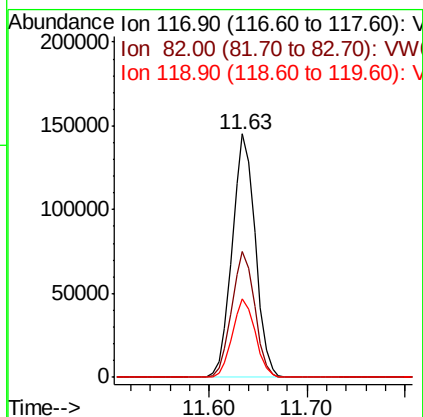
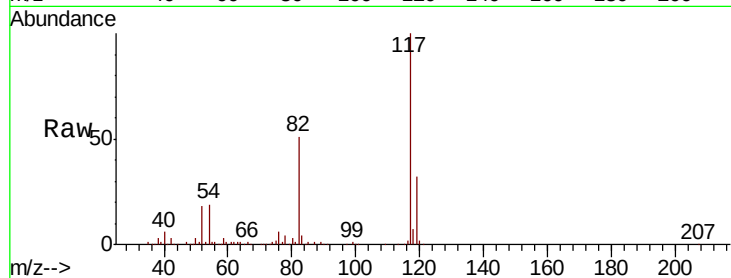




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006346.D
Acq: 25 Oct 2018 05:21

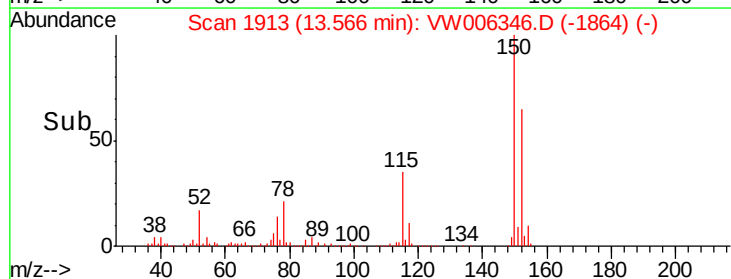
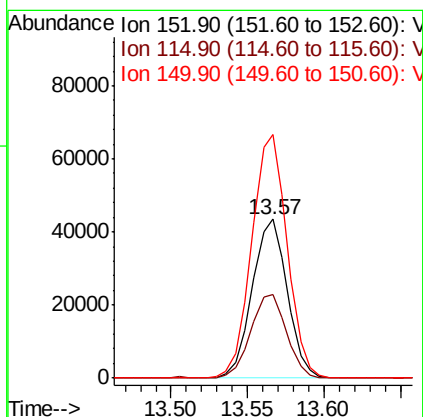
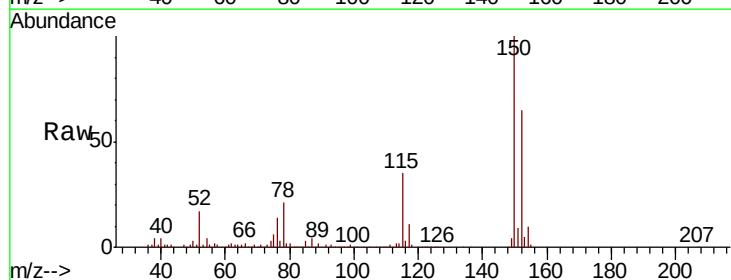
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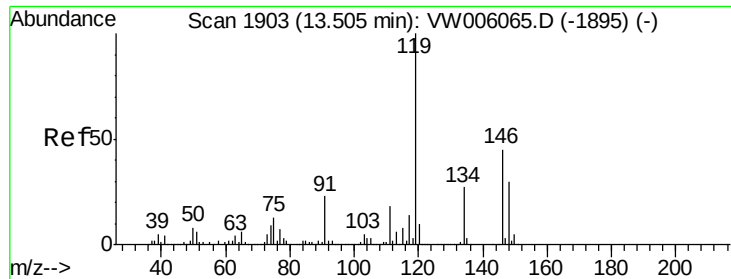
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.1	63.1
119	32.4	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006346.D
Acq: 25 Oct 2018 05:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.3
150	154.9	0.0	349.2

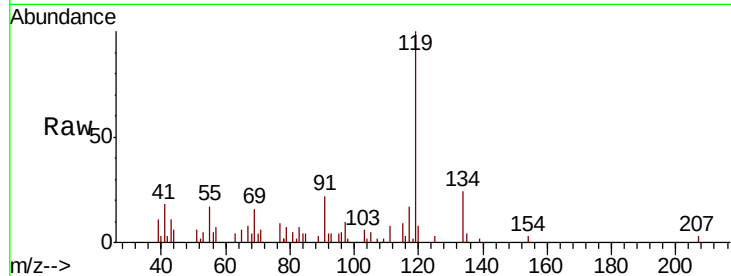




#86
 p-Isopropyltoluene
 Concen: 1.129 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006346.D
 Acq: 25 Oct 2018 05:21

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	19.8	11.4	34.1



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

