

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW022719\
 Data File : VW008858.D
 Acq On : 27 Feb 2019 16:49
 Operator : SY/VA
 Sample : K1594-40RE
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-9(7.5-8.5)RE

Quant Time: Feb 28 07:41:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

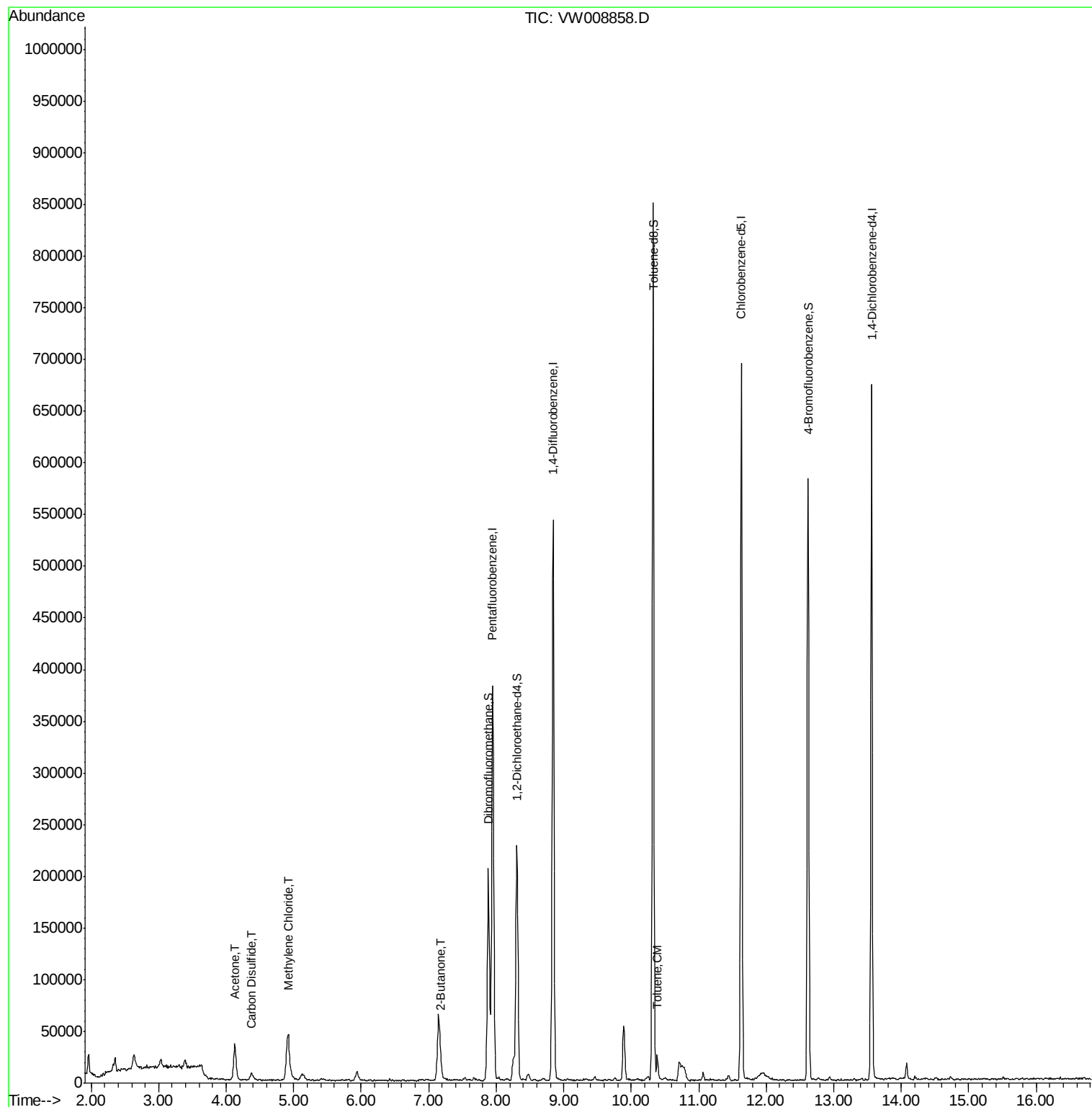
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	166214	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
35) Dibromofluoromethane	7.88	113	136461	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
50) Toluene-d8	10.32	98	526747	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.62	95	171996	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	56814	89.172	ug/l	99
17) Carbon Disulfide	4.38	76	12012	1.411	ug/l	99
20) Methylene Chloride	4.92	84	35114	6.771	ug/l	86
25) 2-Butanone	7.18	43	14781	16.594	ug/l	99
52) Toluene	10.39	92	8873	1.109	ug/l	96

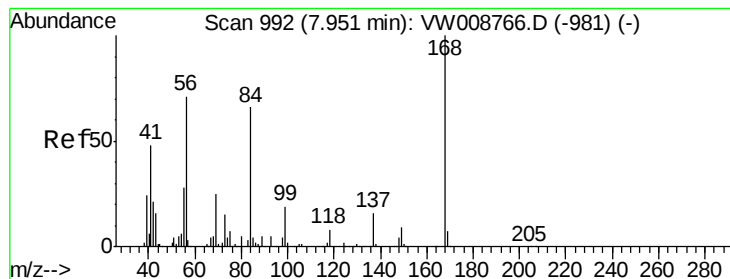
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008858.D

Acq: 27 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

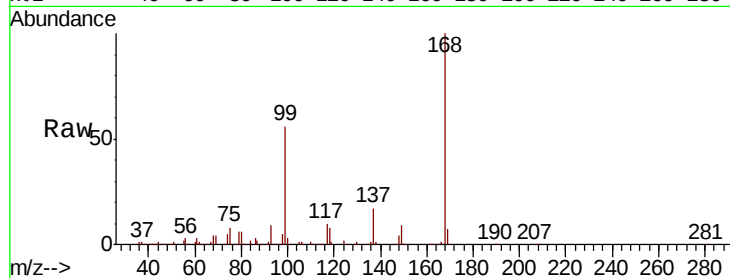
B-9(7.5-8.5)RE

Tot Ion:168 Resp: 293066

Ion Ratio Lower Upper

168 100

99 56.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

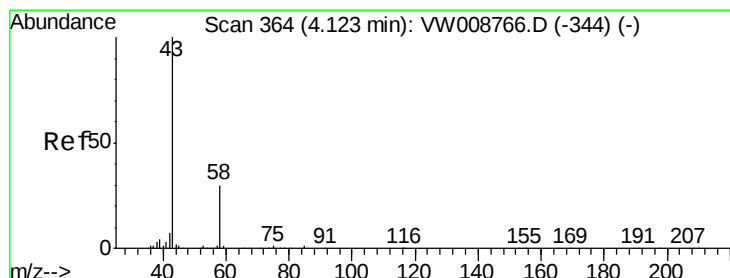
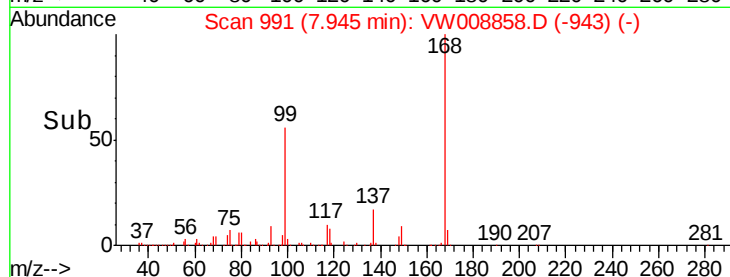
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 89.172 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008858.D

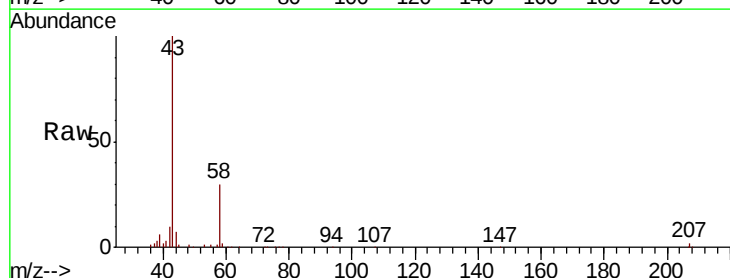
Acq: 27 Feb 2019 16:49

Tgt Ion: 43 Resp: 56814

Ion Ratio Lower Upper

43 100

58 30.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

15000

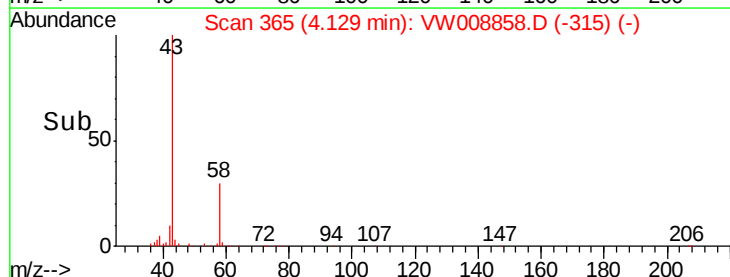
10000

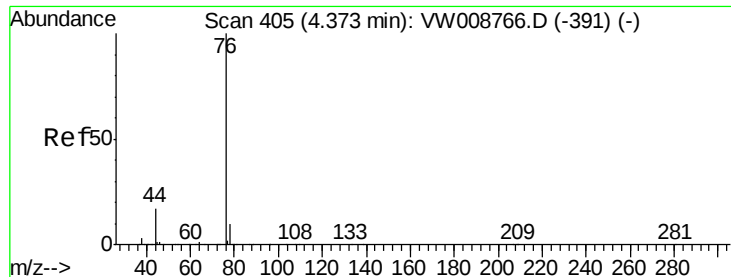
5000

0

4.00 4.10 4.20

Time-->

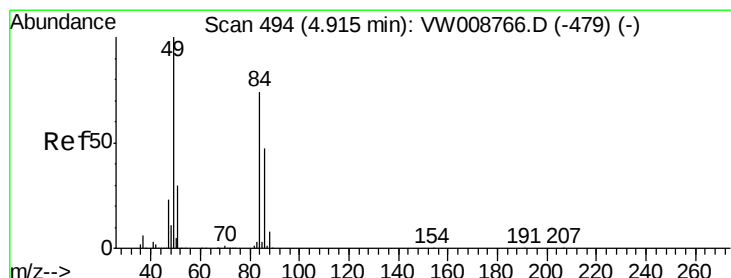
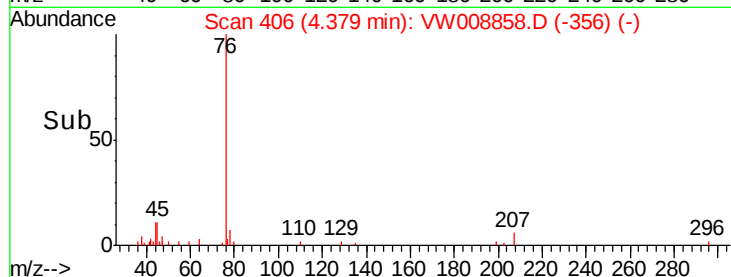
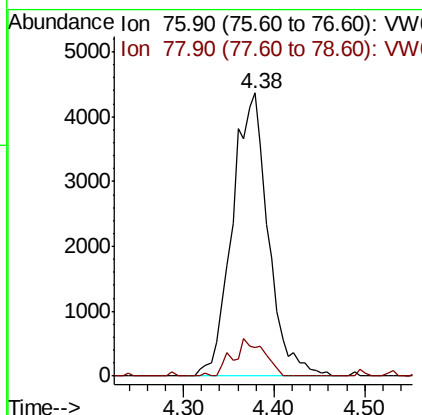
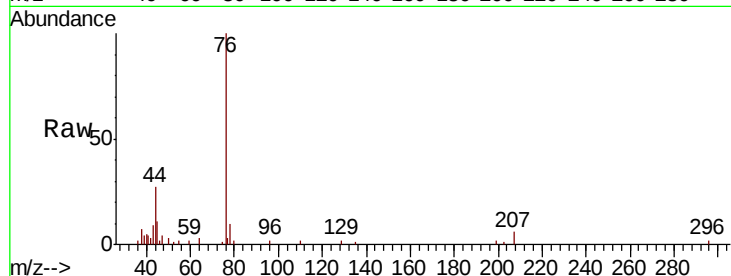




#17
Carbon Disulfide
Concen: 1.411 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008858.D
Acq: 27 Feb 2019 16:49

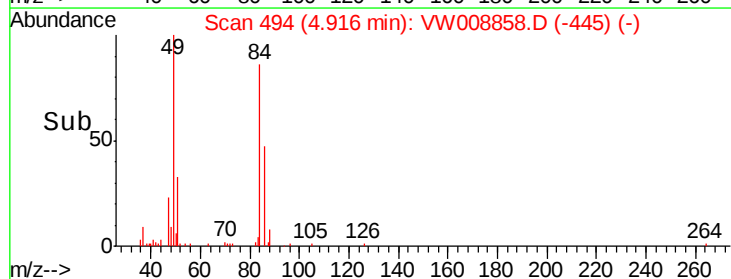
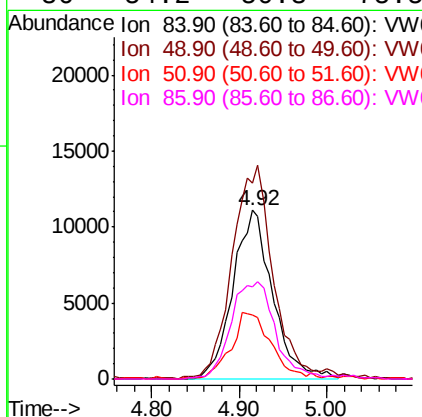
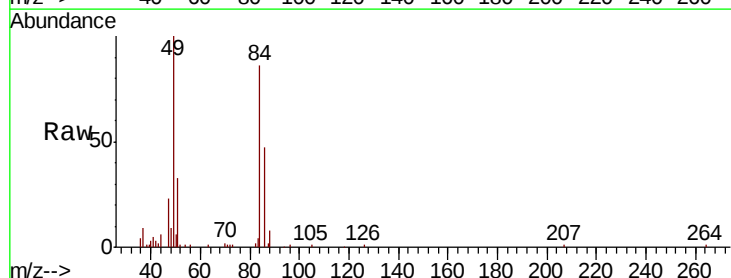
Instrument :
MSVOA_W
ClientSampleId :
B-9(7.5-8.5)RE

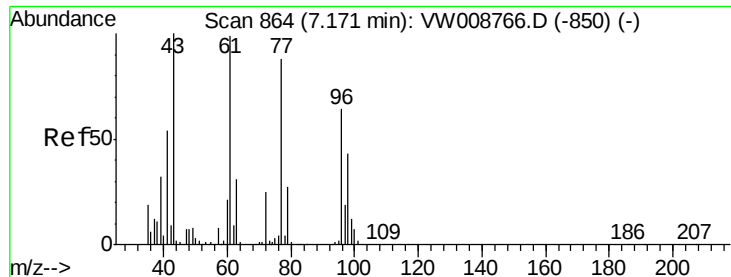
Tot Ion: 76 Resp: 12012
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.8



#20
Methylene Chloride
Concen: 6.771 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008858.D
Acq: 27 Feb 2019 16:49

Tgt Ion: 84 Resp: 35114
Ion Ratio Lower Upper
84 100
49 114.2 108.2 162.2
51 37.3 32.7 49.1
86 54.2 50.3 75.5





#25

2-Butanone

Concen: 16.594 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008858.D

Acq: 27 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

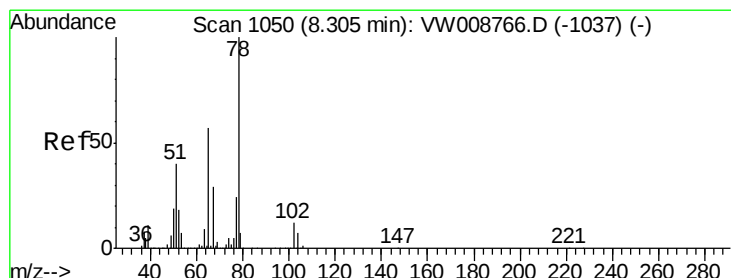
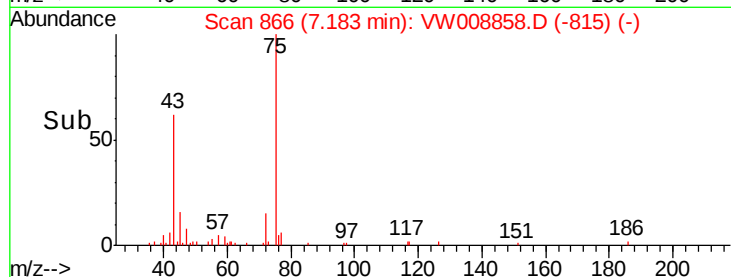
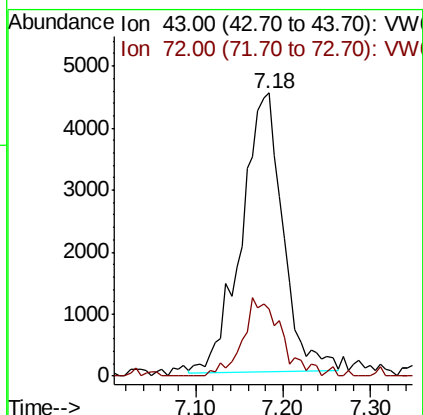
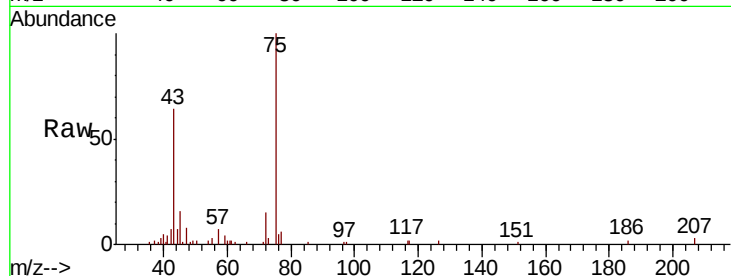
B-9(7.5-8.5)RE

Tot Ion: 43 Resp: 14781

Ion Ratio Lower Upper

43 100

72 24.1 19.7 29.5



#33

1,2-Dichloroethane-d4

Concen: 60.470 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008858.D

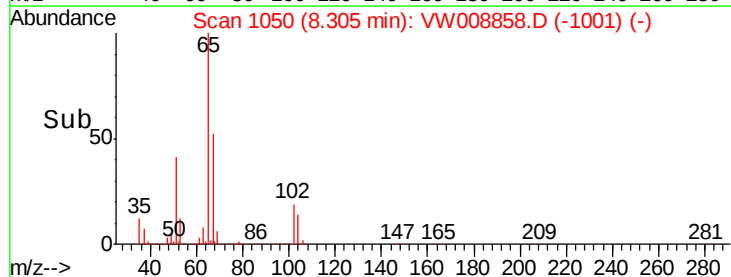
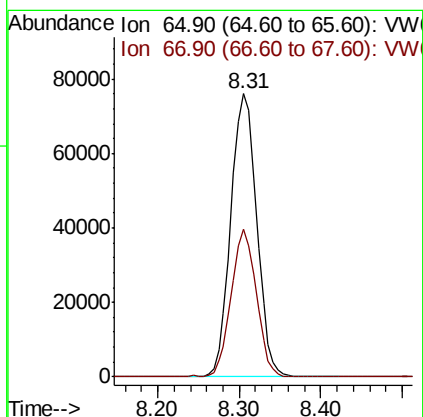
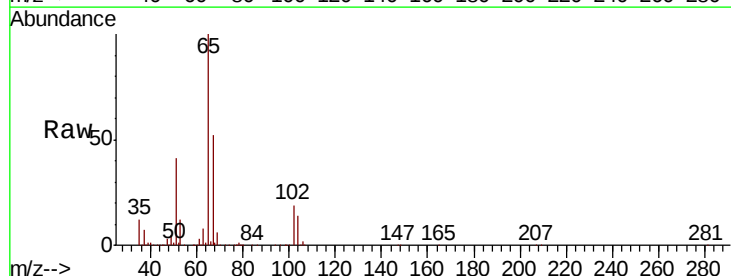
Acq: 27 Feb 2019 16:49

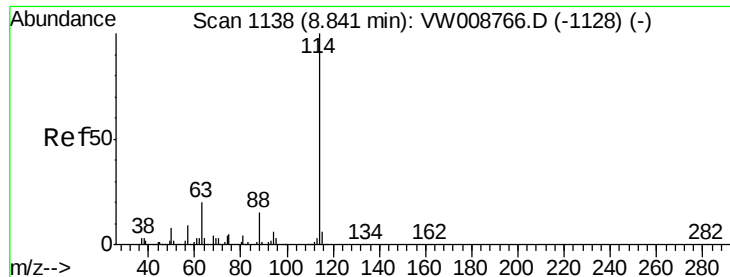
Tgt Ion: 65 Resp: 166214

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4

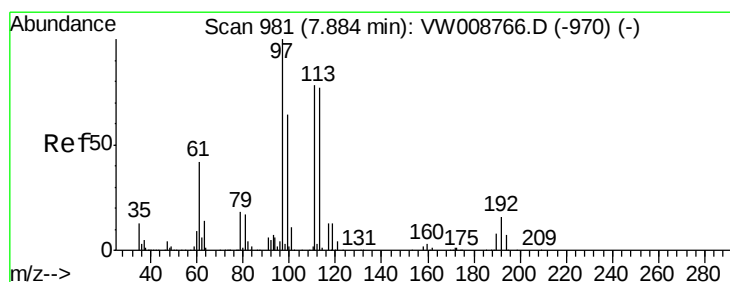
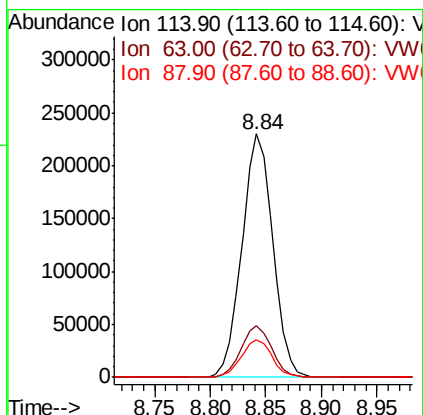
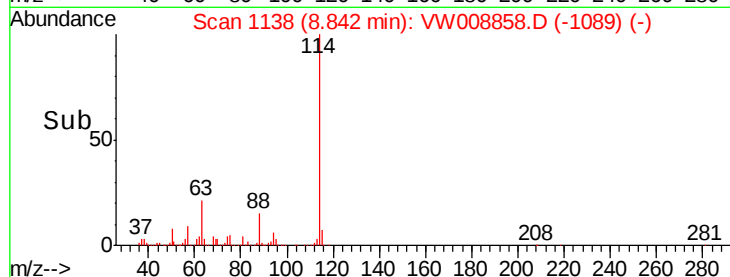
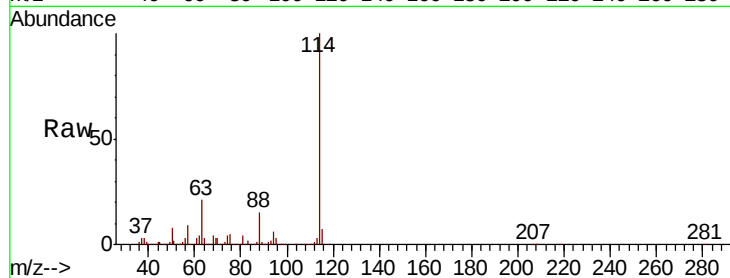




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008858.D
Acq: 27 Feb 2019 16:49

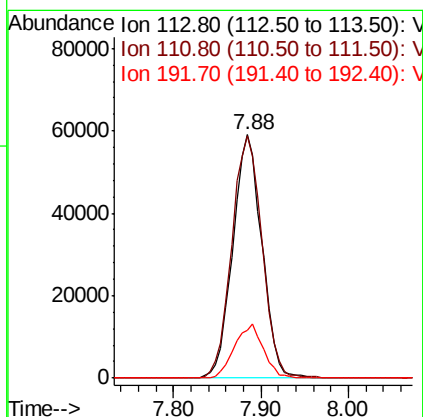
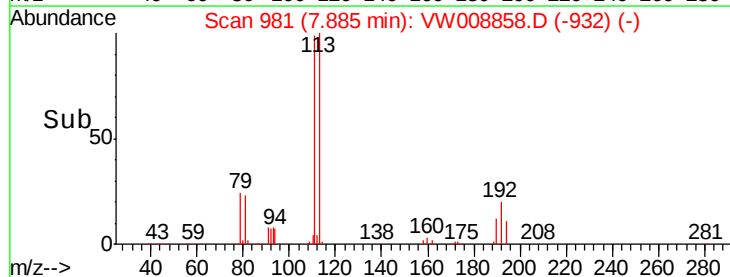
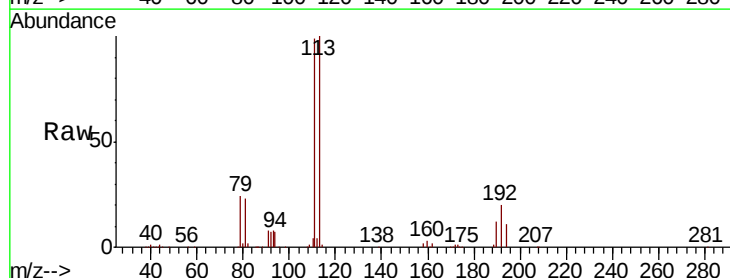
Instrument :
MSVOA_W
ClientSampleId :
B-9(7.5-8.5)RE

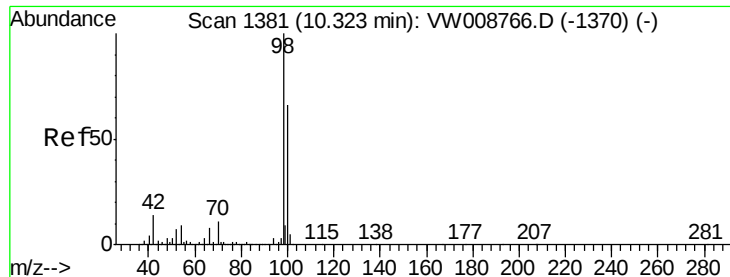
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	15.4	0.0	30.4



#35
Dibromofluoromethane
Concen: 51.237 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008858.D
Acq: 27 Feb 2019 16:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	22.0	17.1	25.7





#50

Toluene-d8

Concen: 51.234 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008858.D

Acq: 27 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

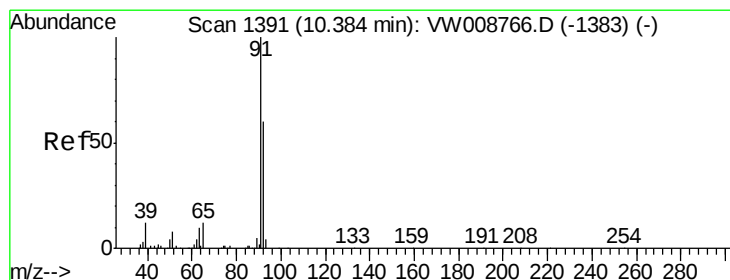
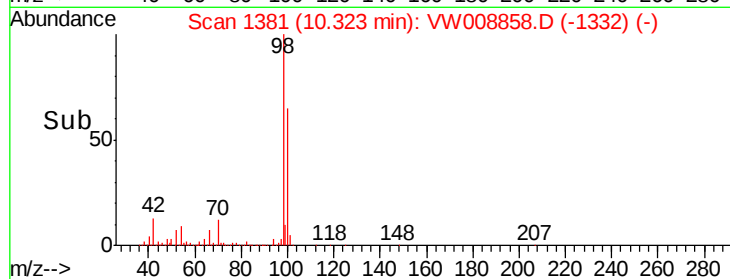
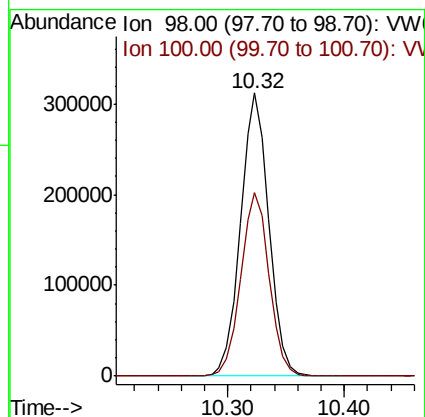
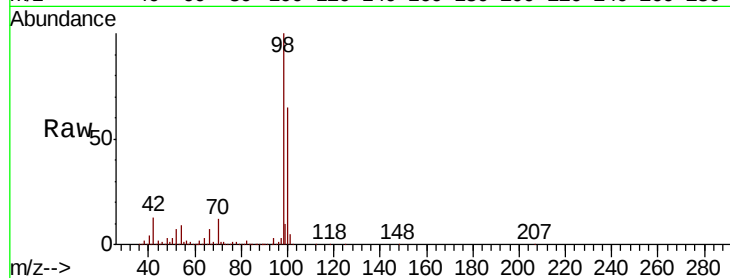
B-9(7.5-8.5)RE

Tot Ion: 98 Resp: 526747

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#52

Toluene

Concen: 1.109 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008858.D

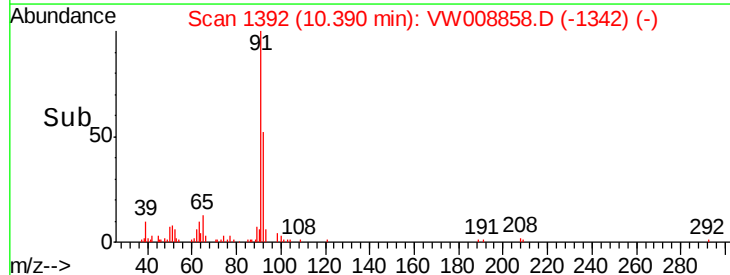
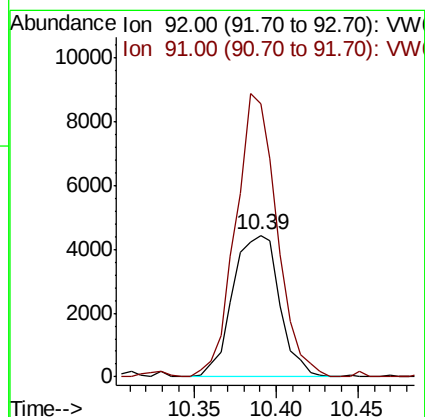
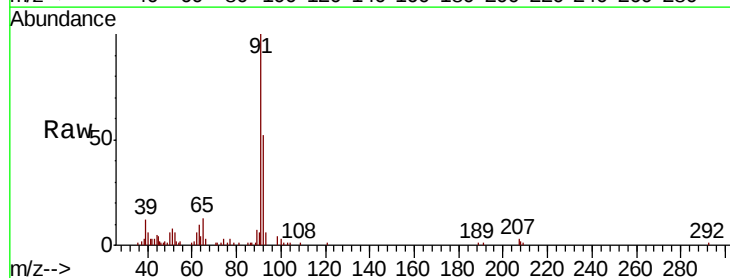
Acq: 27 Feb 2019 16:49

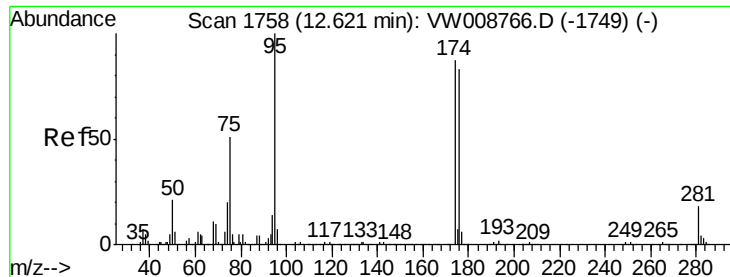
Tgt Ion: 92 Resp: 8873

Ion Ratio Lower Upper

92 100

91 176.1 136.9 205.3





#62

4-Bromofluorobenzene

Concen: 42.726 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008858.D

Acq: 27 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

B-9(7.5-8.5)RE

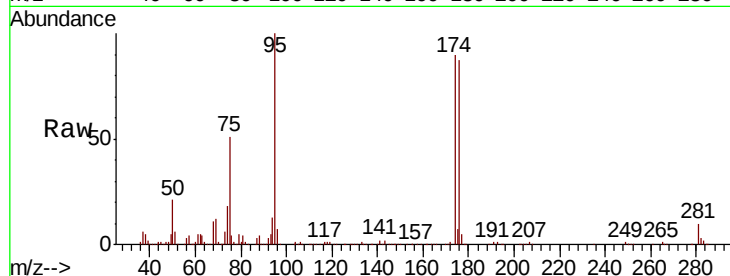
Tot Ion: 95 Resp: 171996

Ion Ratio Lower Upper

95 100

174 87.0 0.0 169.2

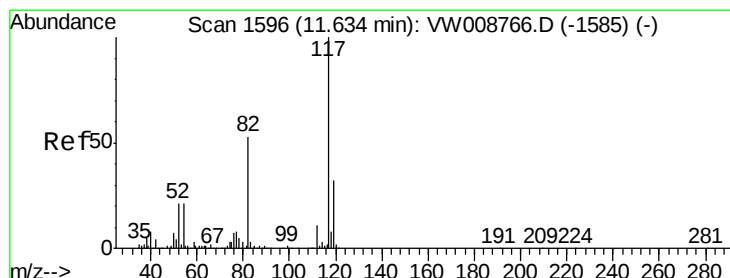
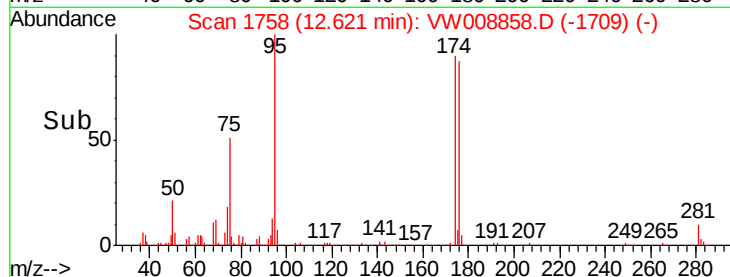
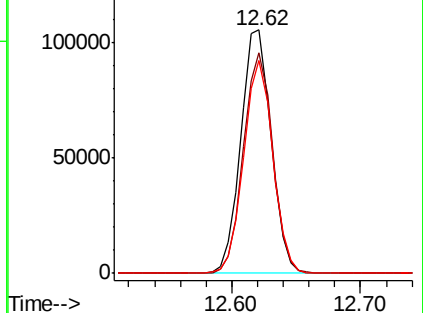
176 83.6 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008858.D

Acq: 27 Feb 2019 16:49

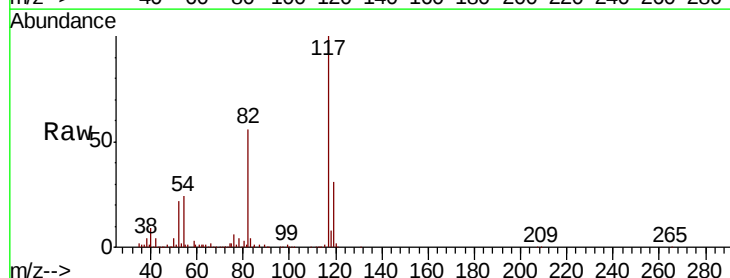
Tgt Ion: 117 Resp: 380009

Ion Ratio Lower Upper

117 100

82 56.3 42.2 63.4

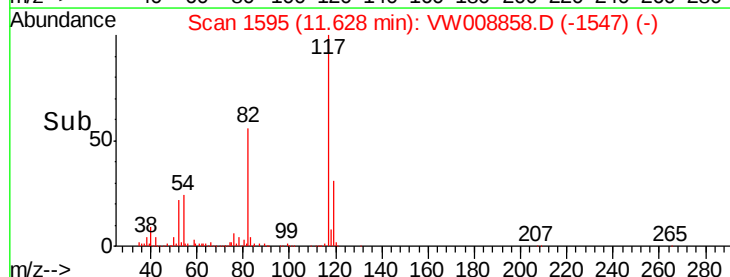
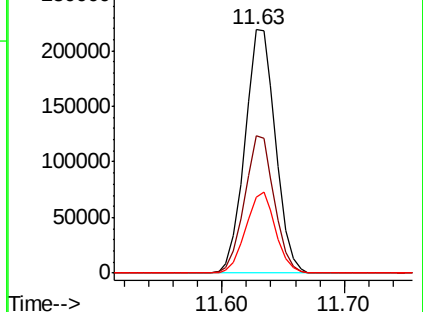
119 31.2 25.9 38.9

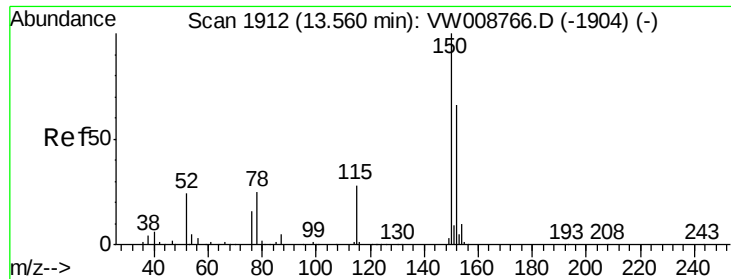


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008858.D

Acq: 27 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

B-9(7.5-8.5)RE

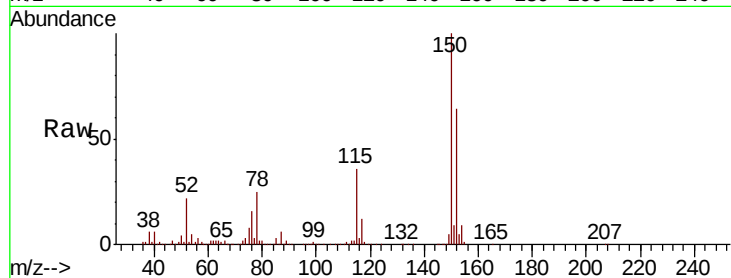
Tot Ion:152 Resp: 169609

Ion Ratio Lower Upper

152 100

115 57.1 28.6 85.8

150 157.3 0.0 348.0



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

