

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009141.D
 Acq On : 13 Mar 2019 07:36
 Operator : SY/VA
 Sample : K1687-03
 Misc : 7.03G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-031119-B

Quant Time: Mar 13 08:47:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

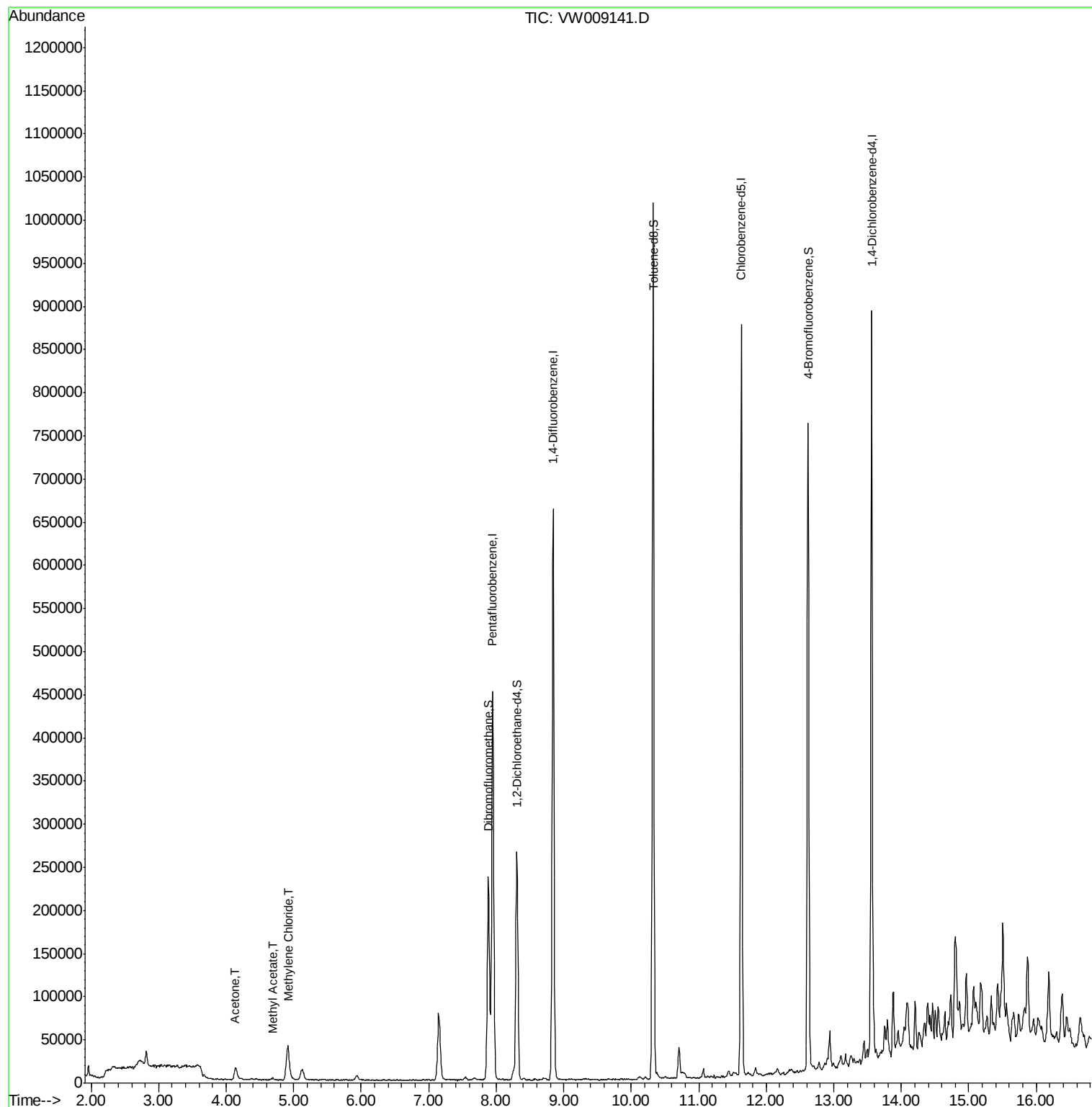
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	330796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	522624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	465751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	208317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	196879	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
35) Dibromofluoromethane	7.88	113	161432	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
50) Toluene-d8	10.32	98	631826	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.62	95	214097	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
Target Compounds						
16) Acetone	4.14	43	26225	34.919	ug/l #	89
18) Methyl Acetate	4.69	43	3424	1.983	ug/l	99
20) Methylene Chloride	4.91	84	28781	3.051	ug/l	92

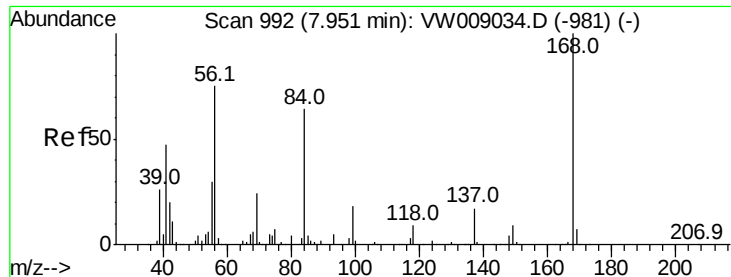
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031219\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009141.D

Acq: 13 Mar 2019 07:36

Instrument :

MSVOA_W

ClientSampleId :

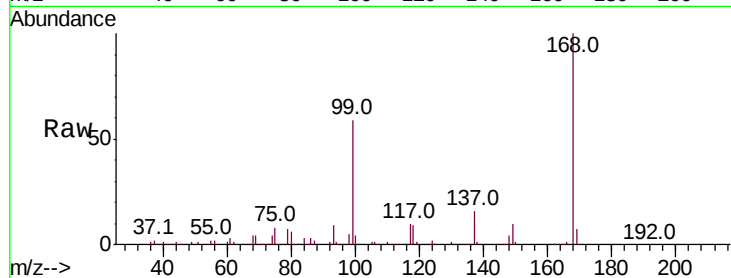
HR-06-031119-B

Tot Ion:168 Resp: 330796

Ion Ratio Lower Upper

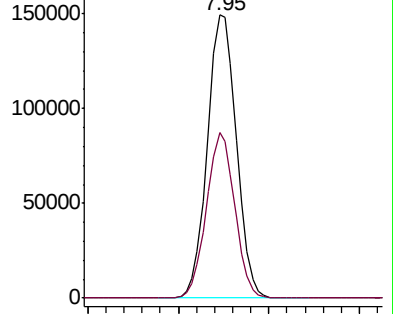
168 100

99 58.7 42.2 63.2

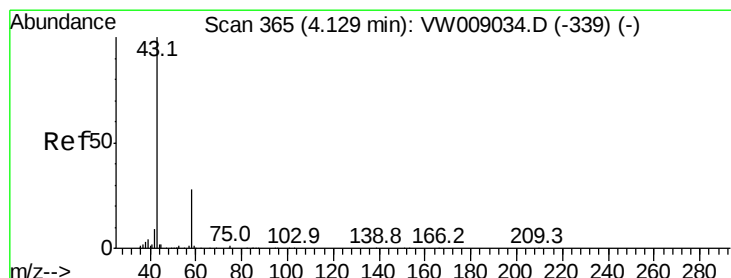
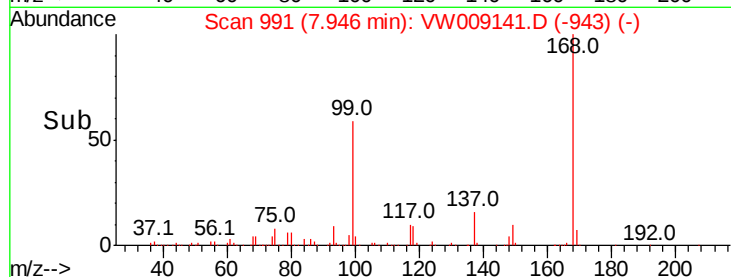


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 34.919 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009141.D

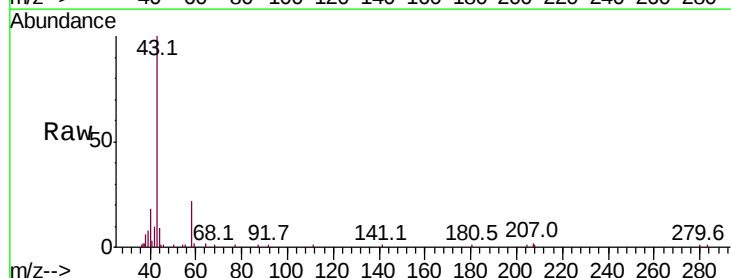
Acq: 13 Mar 2019 07:36

Tgt Ion: 43 Resp: 26225

Ion Ratio Lower Upper

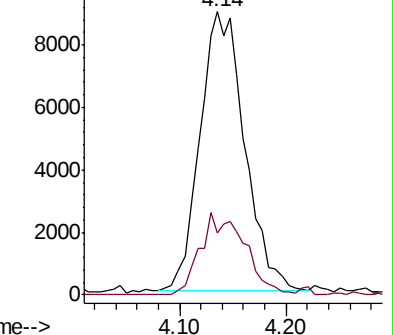
43 100

58 22.4 22.5 33.7#

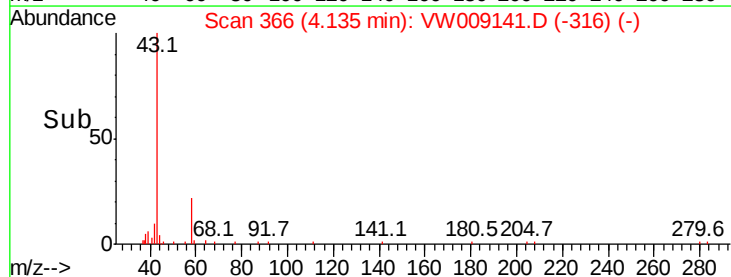


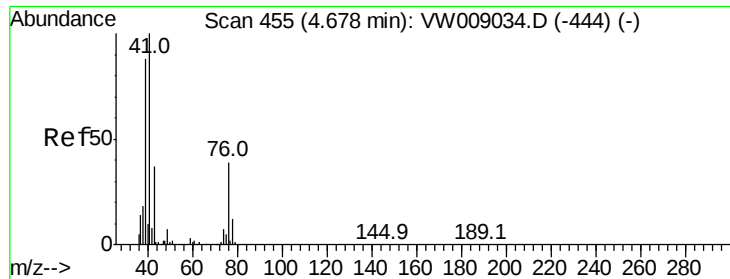
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 4.10 4.20

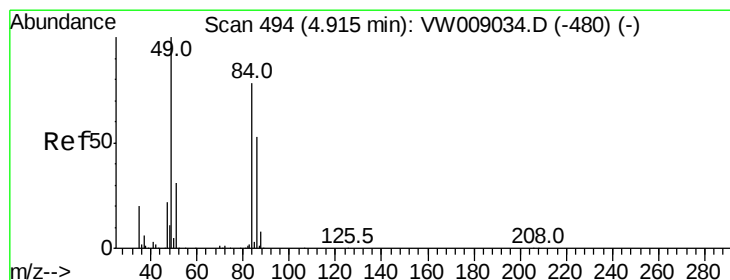
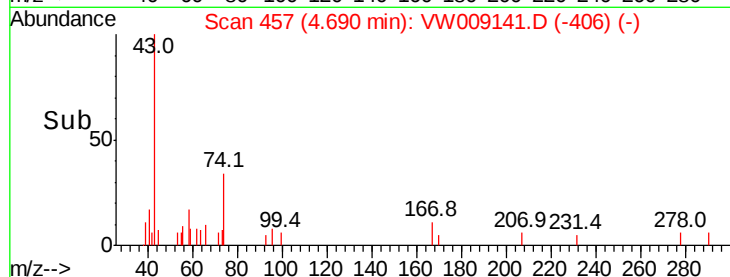
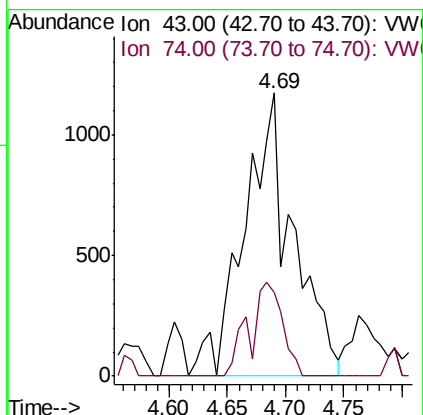
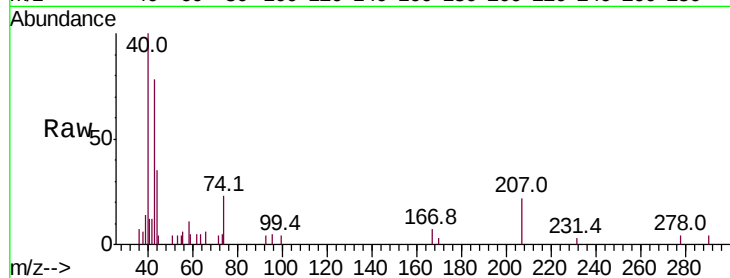




#18
Methyl Acetate
Concen: 1.983 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW009141.D
Acq: 13 Mar 2019 07:36

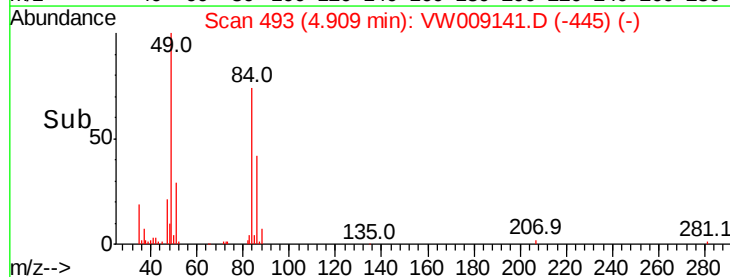
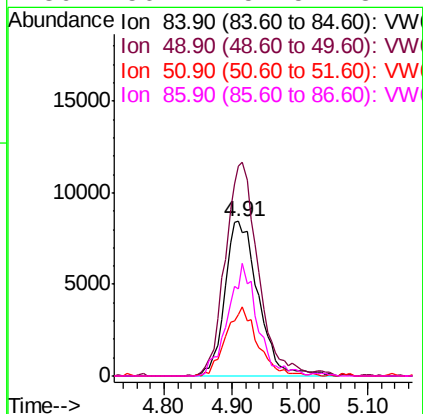
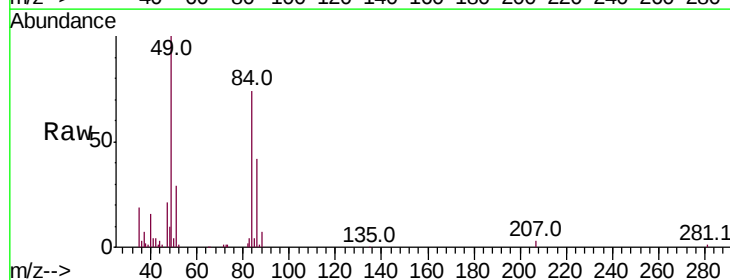
Instrument :
MSVOA_W
ClientSampleId :
HR-06-031119-B

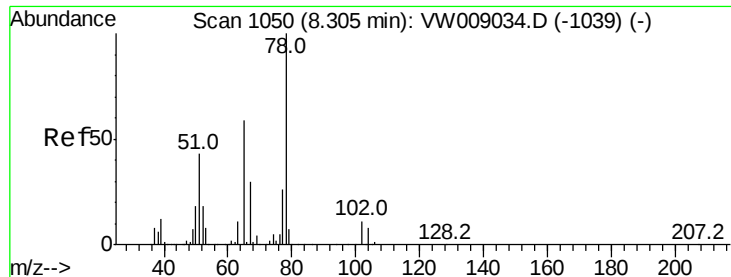
Tot Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4



#20
Methylene Chloride
Concen: 3.051 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009141.D
Acq: 13 Mar 2019 07:36

Tgt Ion: 84 Resp: 28781
Ion Ratio Lower Upper
84 100
49 135.2 102.4 153.6
51 40.0 31.6 47.4
86 56.7 54.5 81.7





#33

1,2-Dichloroethane-d4

Concen: 59.156 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009141.D

Acq: 13 Mar 2019 07:36

Instrument :

MSVOA_W

ClientSampleId :

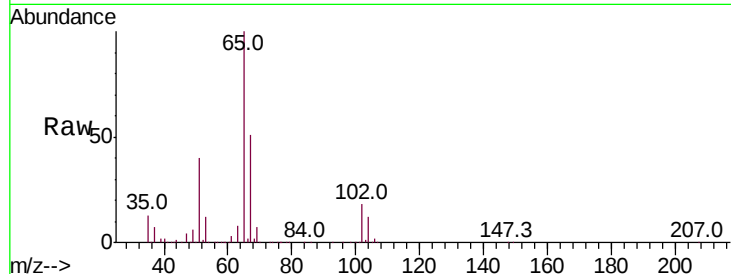
HR-06-031119-B

Tot Ion: 65 Resp: 196879

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

60000

40000

20000

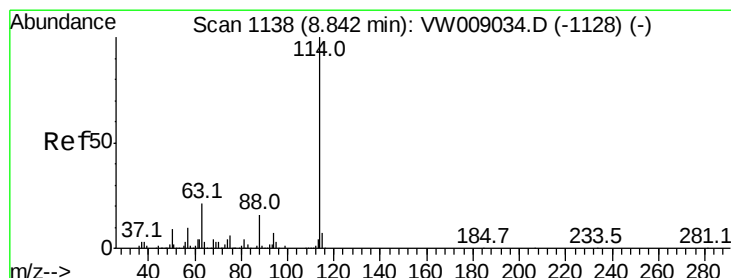
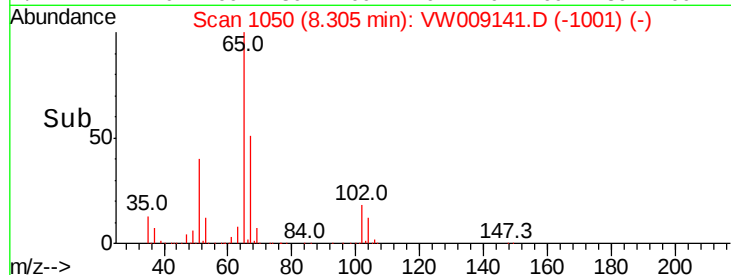
0

8.20

8.30

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009141.D

Acq: 13 Mar 2019 07:36

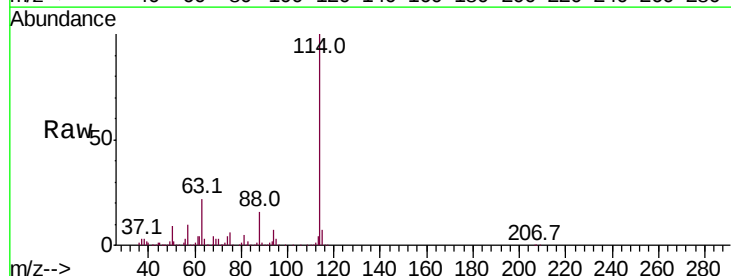
Tgt Ion: 114 Resp: 522624

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.2

88 15.7 0.0 31.2



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

8.84

300000

200000

100000

0

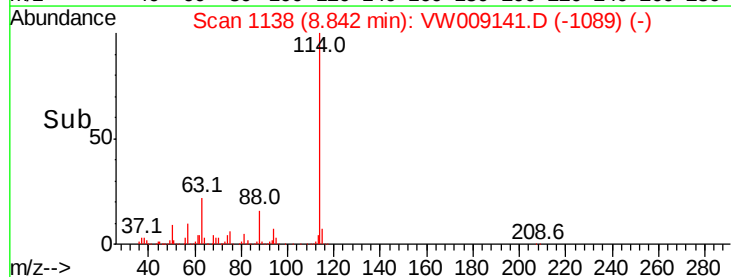
8.70

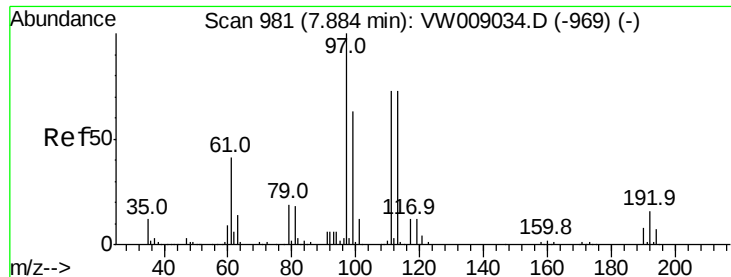
8.80

8.90

9.00

Time-->



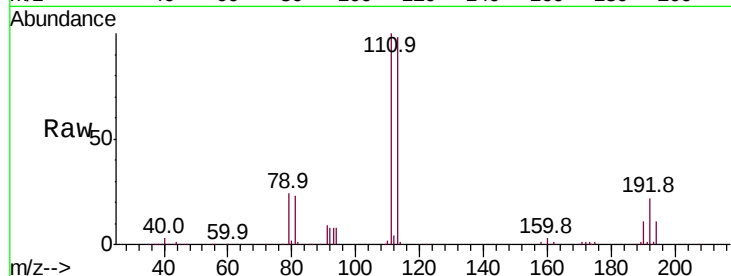


#35
Dibromofluoromethane
Concen: 51.303 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009141.D
Acq: 13 Mar 2019 07:36

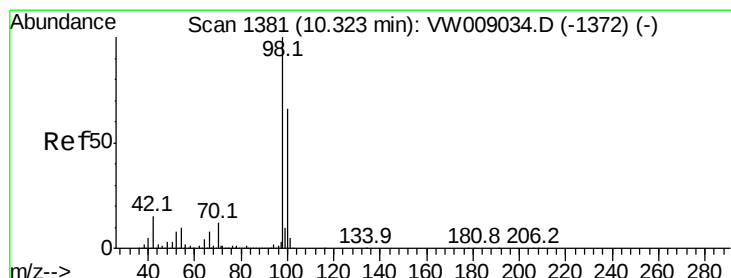
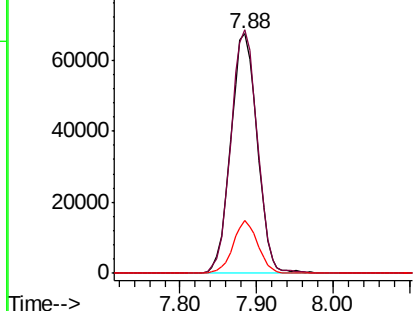
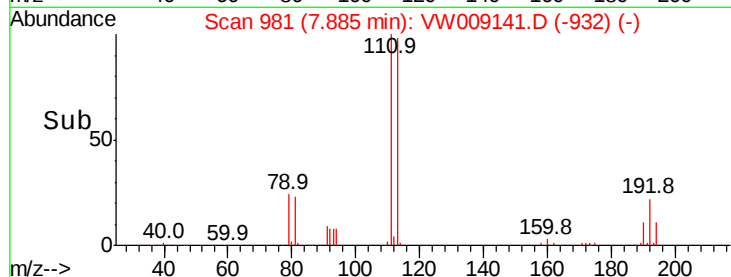
Instrument :
MSVOA_W
ClientSampleId :
HR-06-031119-B

Tot Ion:113 Resp: 161432

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.0	121.4
192	20.6	17.1	25.7



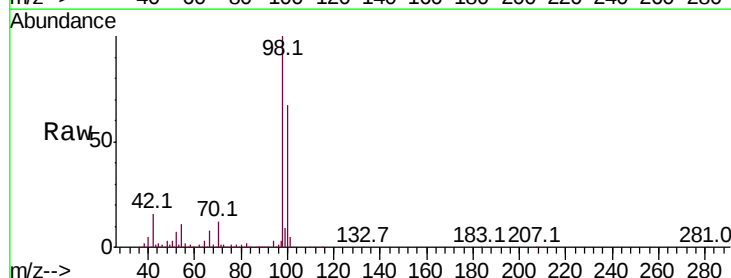
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



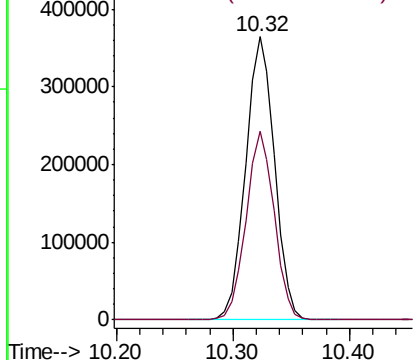
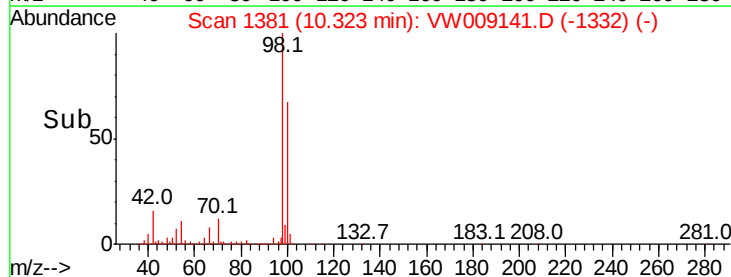
#50
Toluene-d8
Concen: 48.888 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009141.D
Acq: 13 Mar 2019 07:36

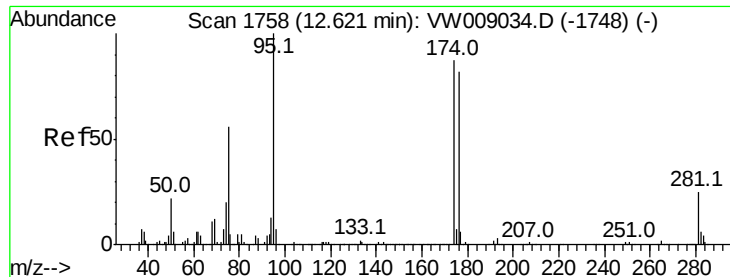
Tgt Ion: 98 Resp: 631826

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.082 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009141.D

Acq: 13 Mar 2019 07:36

Instrument :

MSVOA_W

ClientSampled :

HR-06-031119-B

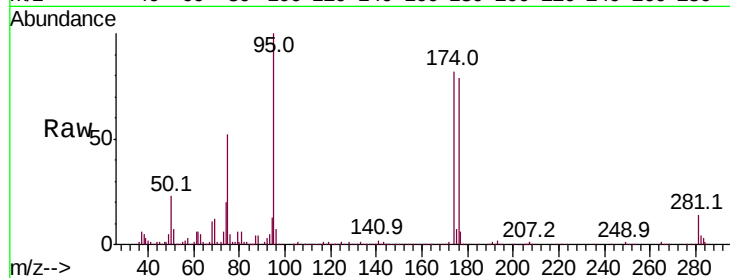
Tot Ion: 95 Resp: 214097

Ion Ratio Lower Upper

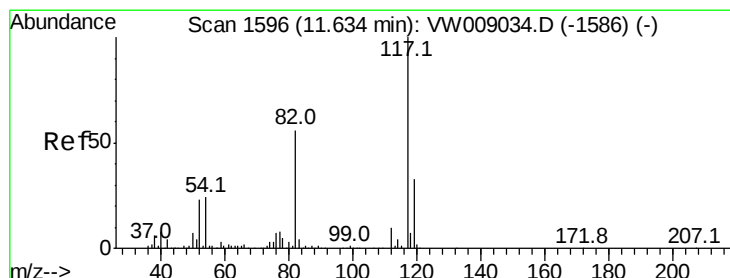
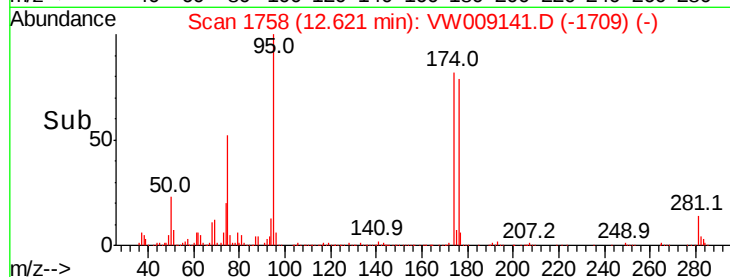
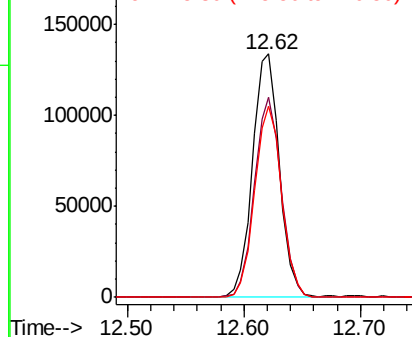
95 100

174 82.5 0.0 167.0

176 79.1 0.0 159.4



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# 1596

Delta R.T. 0.00 min

Lab File: VW009141.D

Acq: 13 Mar 2019 07:36

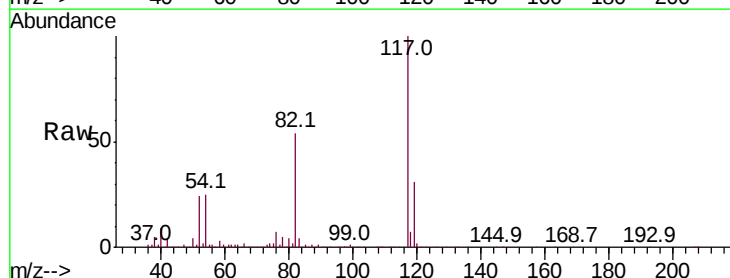
Tgt Ion: 117 Resp: 465751

Ion Ratio Lower Upper

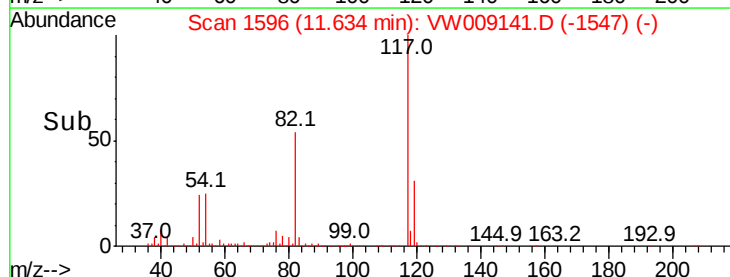
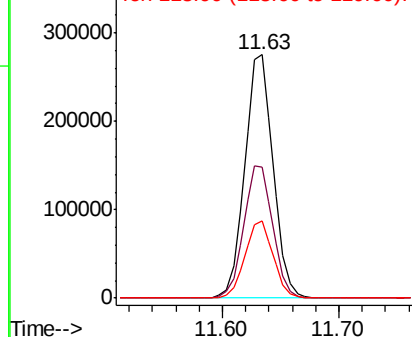
117 100

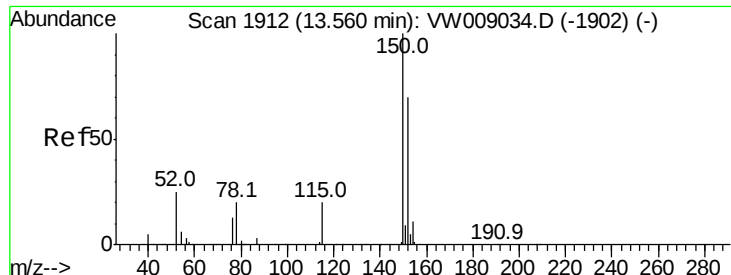
82 53.7 45.0 67.6

119 31.5 26.6 39.8



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: VW009141.D

Acq: 13 Mar 2019 07:36

Instrument :

MSVOA_W

ClientSampleId :

HR-06-031119-B

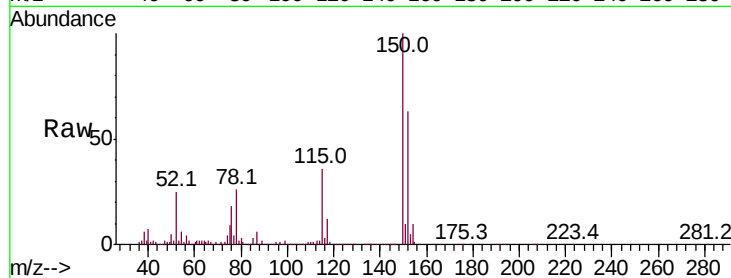
Tot Ion:152 Resp: 208317

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.7

150 156.2 0.0 349.2



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

