

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013730.D
 Acq On : 24 Oct 2019 23:39
 Operator : SY/VA
 Sample : K5499-12RE
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 198-27-(1.8)RE

Quant Time: Oct 25 08:01:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

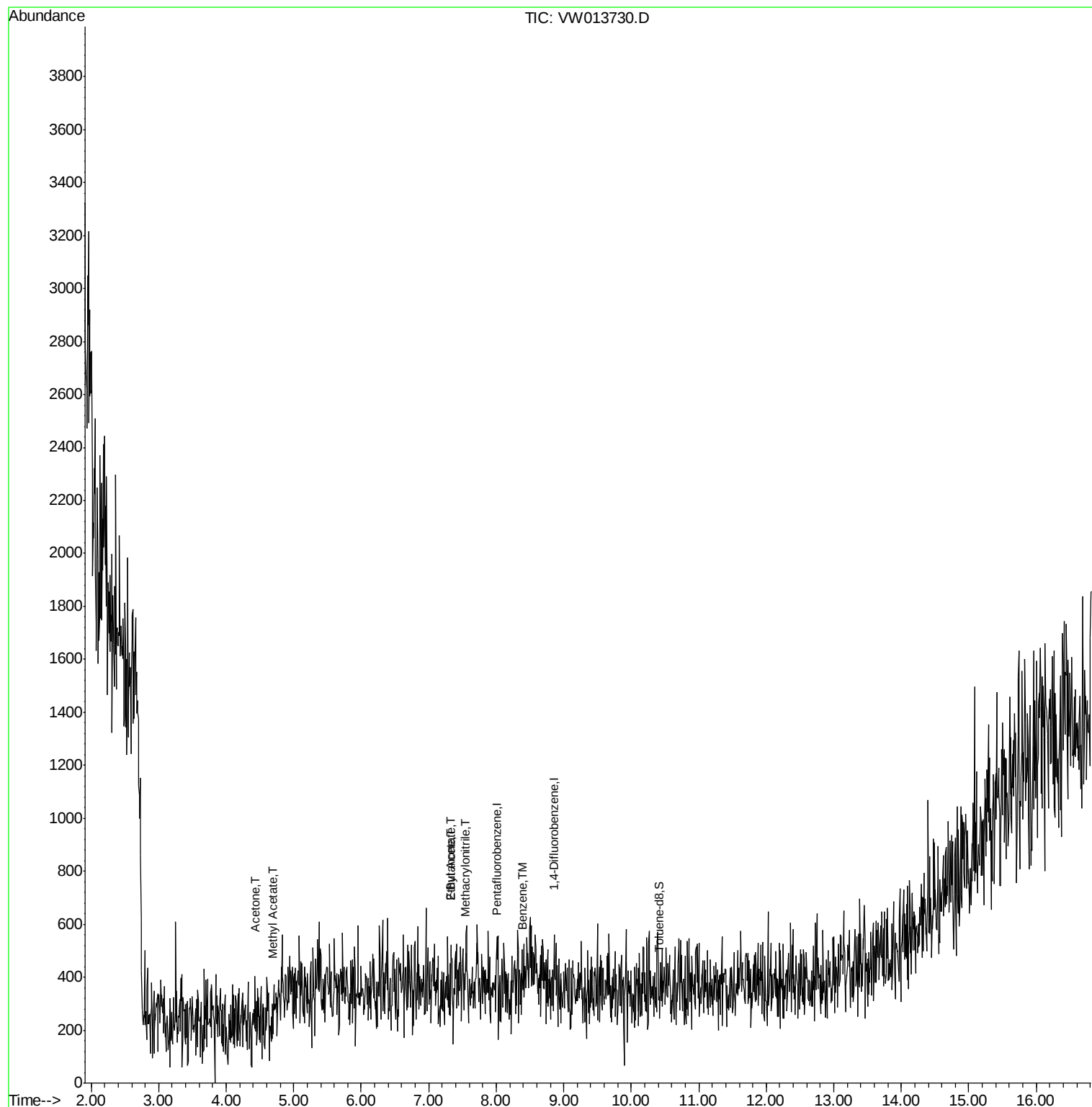
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	59	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.87	114	120	50.00	ug/l	0.02
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-11.63
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.41	98	21	7.73	ug/l	0.09
Spiked Amount	50.000		Recovery	=	15.46%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
16) Acetone	4.43	43	30	319.678	ug/l #	45
18) Methyl Acetate	4.70	43	20	77.746	ug/l #	50
25) 2-Butanone	7.34	43	20	148.237	ug/l #	45
37) Ethyl Acetate	7.34	43	20	46.750	ug/l #	67
40) Benzene	8.39	78	48	15.177	ug/l #	51
41) Methacrylonitrile	7.53	41	20	74.970	ug/l #	22

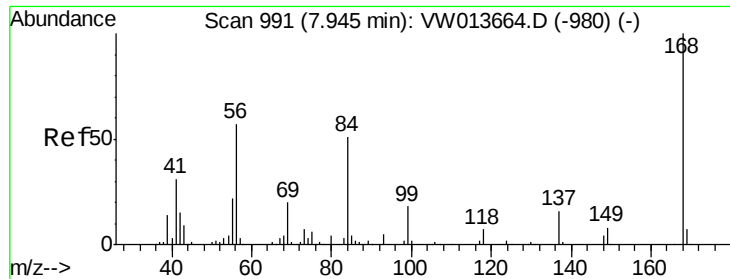
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.00 min Scan# 1000

Delta R.T. 0.05 min

Lab File: VW013730.D

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Instrument :

MSVOA_W

ClientSampleId :

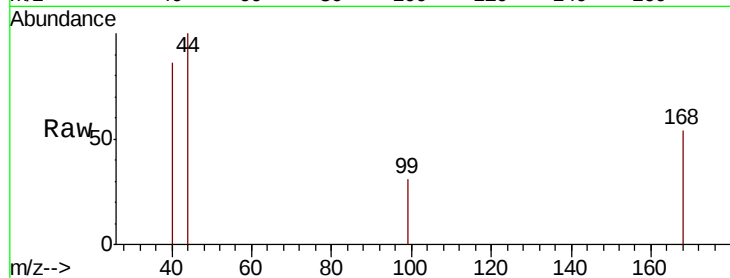
198-27-(1.8)RE

Tot Ion:168 Resp: 59

Ion Ratio Lower Upper

168 100

99 57.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

8.00

100

80

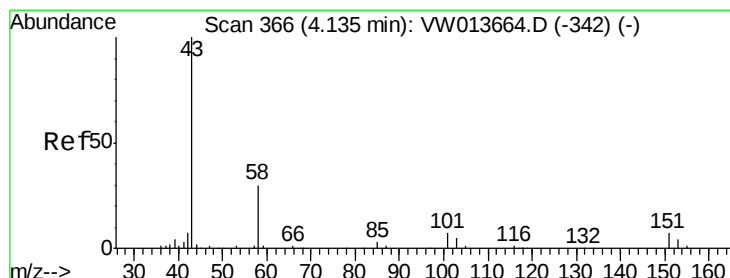
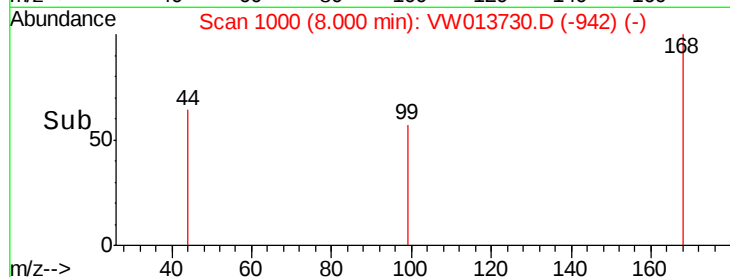
60

40

20

0

Time-->



#16

Acetone

Concen: 319.678 ug/l

RT: 4.43 min Scan# 414

Delta R.T. 0.29 min

Lab File: VW013730.D

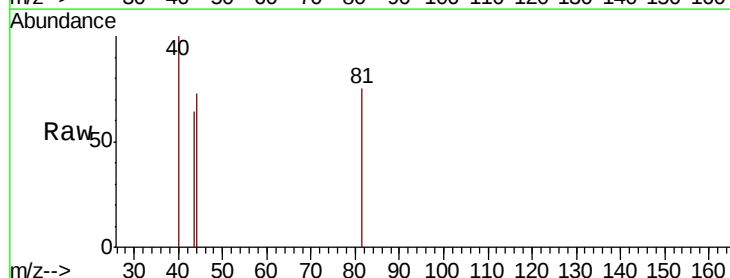
Acq: 24 Oct 2019 23:39

Tgt Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.43

80

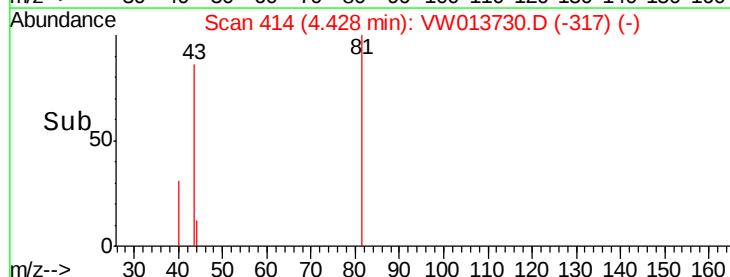
60

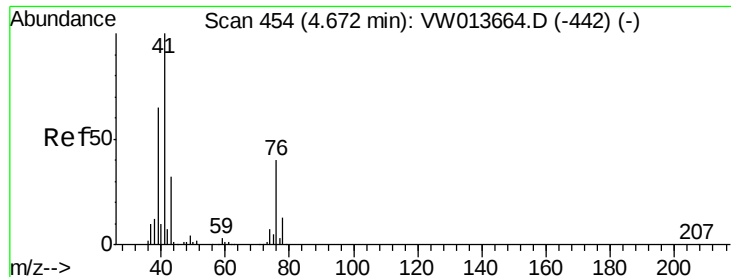
40

20

0

Time-->

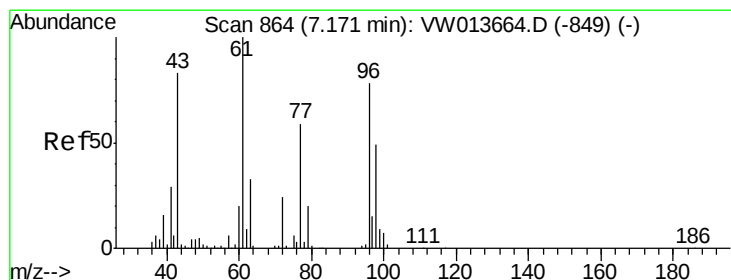
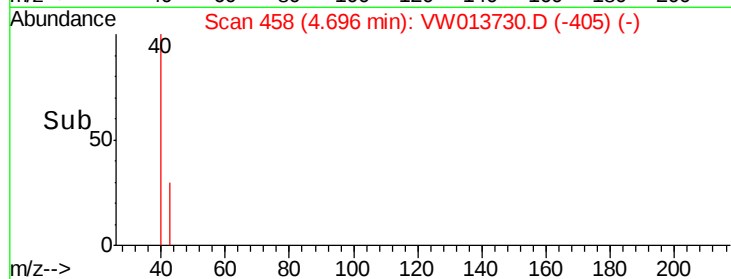
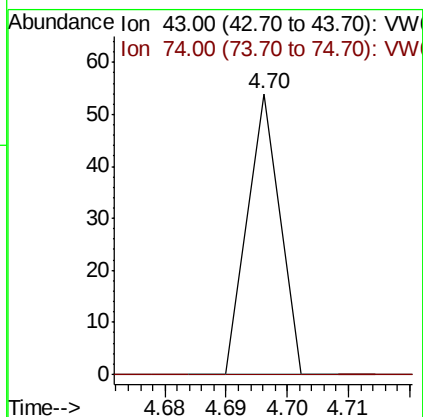
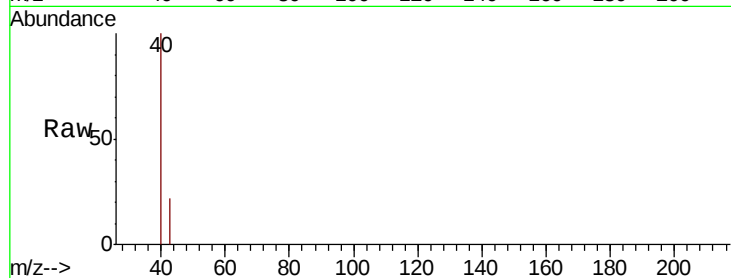




#18
Methyl Acetate
Concen: 77.746 ug/l
RT: 4.70 min Scan# 458
Delta R.T. 0.02 min
Lab File: VW013730.D
Acq: 24 Oct 2019 23:39

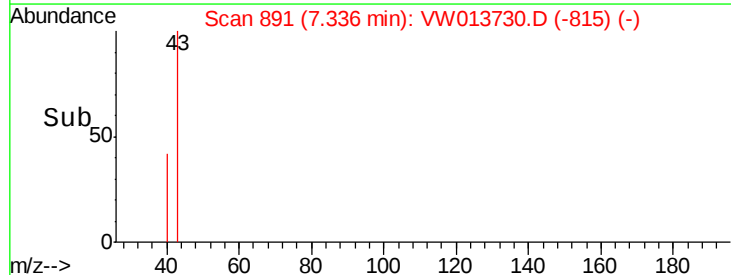
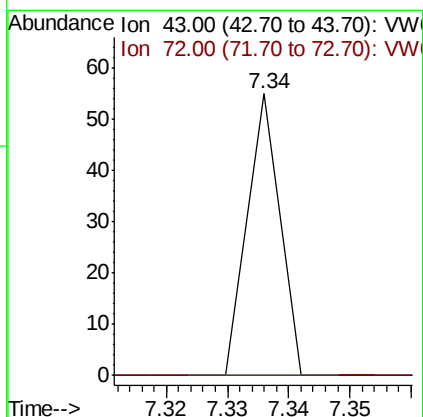
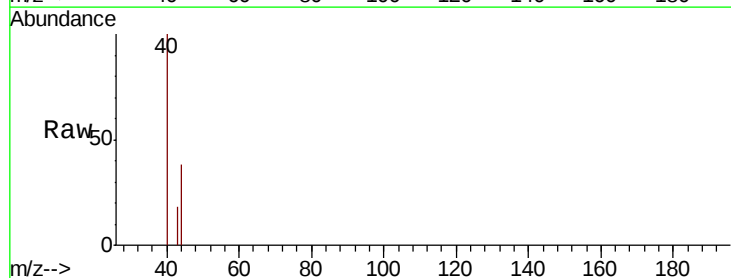
Instrument :
MSVOA_W
ClientSampled :
198-27-(1.8)RE

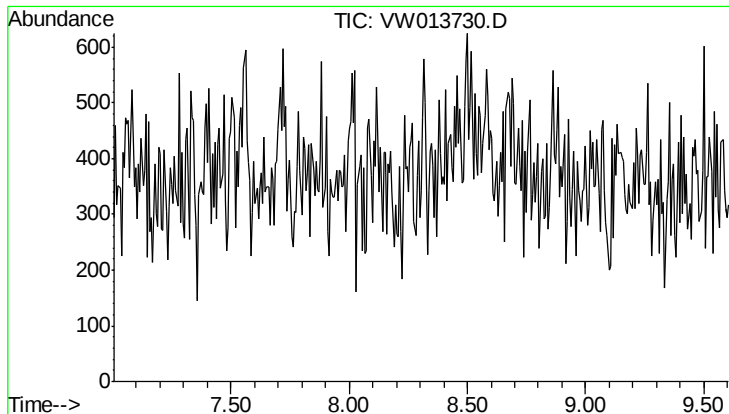
Tot Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#25
2-Butanone
Concen: 148.237 ug/l
RT: 7.34 min Scan# 891
Delta R.T. 0.16 min
Lab File: VW013730.D
Acq: 24 Oct 2019 23:39

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
72 0.0 23.6 35.4#





#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.31 min

Lab File: VW013730.D

Acq: 24 Oct 2019 23:39

Tot Ion: 65

Sig Exp Ratio

65 100

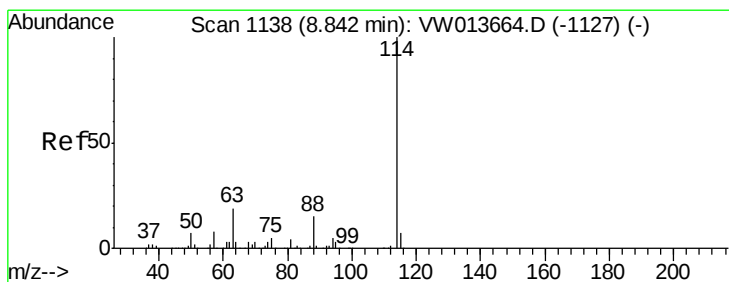
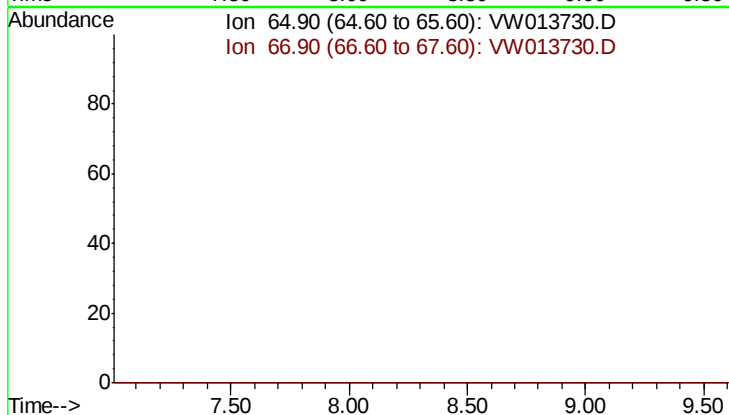
67 54.7

Instrument :

MSVOA_W

ClientSampleId :

198-27-(1.8)RE



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1142

Delta R.T. 0.02 min

Lab File: VW013730.D

Acq: 24 Oct 2019 23:39

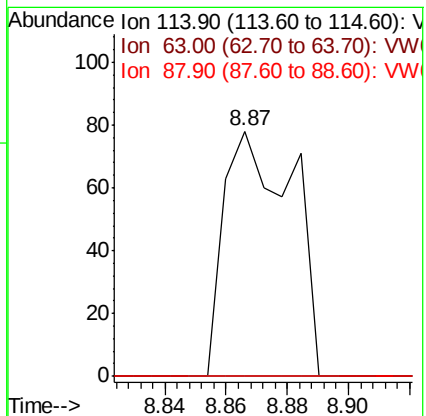
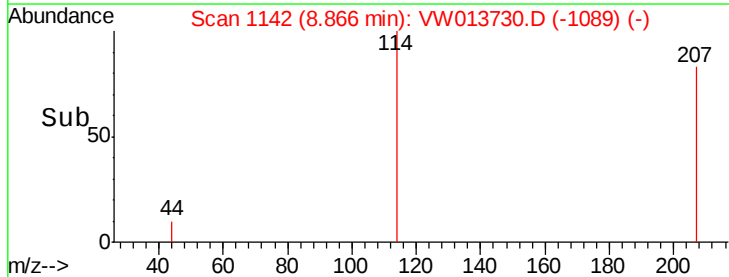
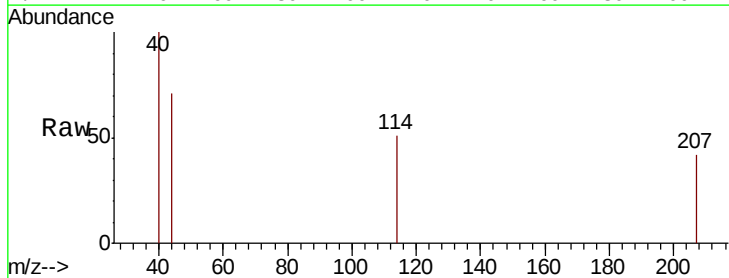
Tgt Ion: 114 Resp: 120

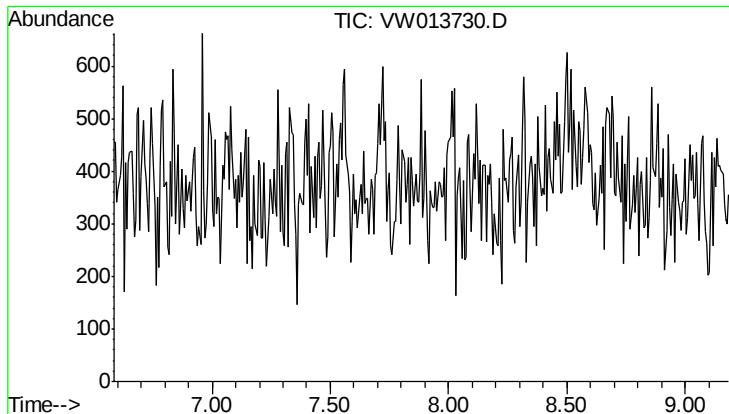
Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.6

88 0.0 0.0 30.2



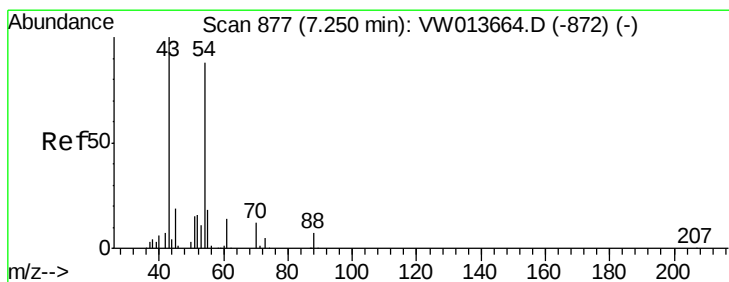
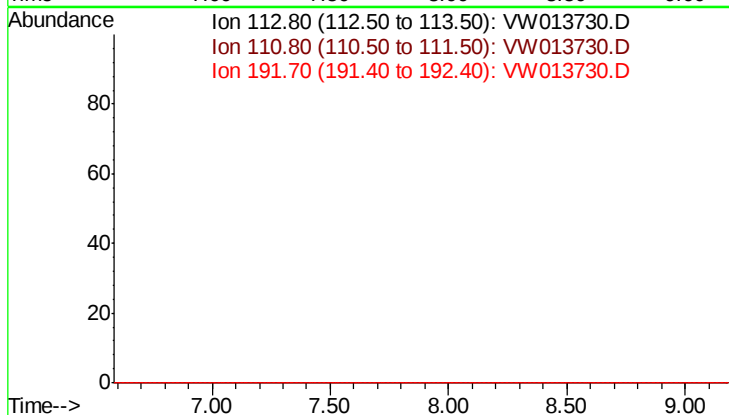


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.88 min

Lab File: VW013730.D
 Acq: 24 Oct 2019 23:39

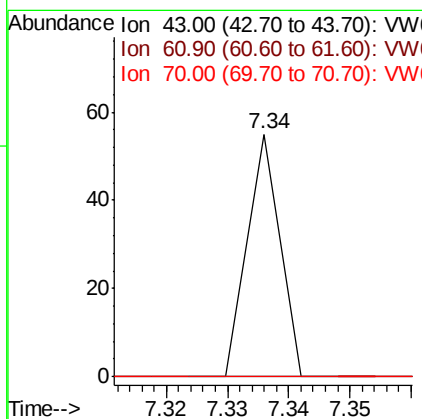
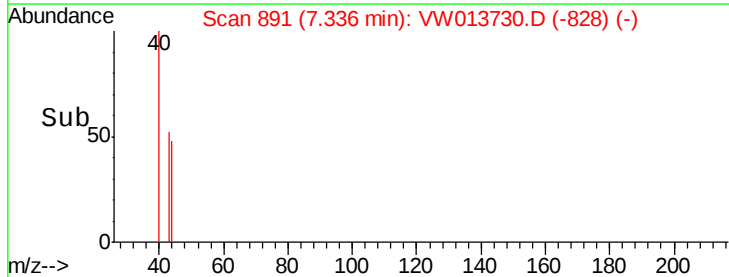
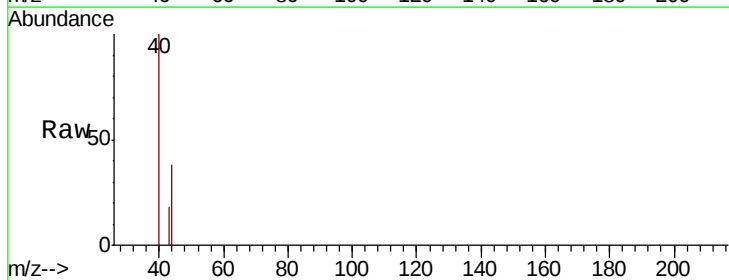
Instrument :
 MSVOA_W
 ClientSampleId :
 198-27-(1.8)RE

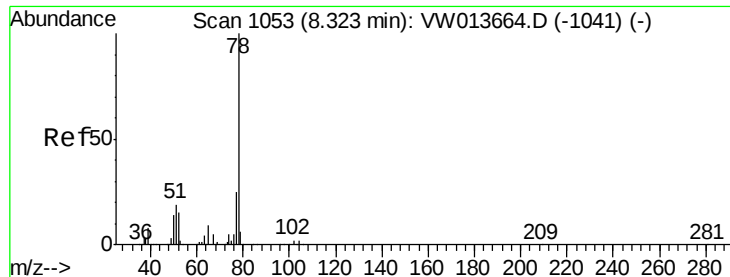
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 103.8
 192 24.3



#37
 Ethyl Acetate
 Concen: 46.750 ug/l
 RT: 7.34 min Scan# 891
 Delta R.T. 0.09 min
 Lab File: VW013730.D
 Acq: 24 Oct 2019 23:39

Tgt Ion: 43 Resp: 20
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 0.0 8.8 13.2#





#40

Benzene

Concen: 15.177 ug/l

RT: 8.39 min Scan# 1064

Delta R.T. 0.07 min

Lab File: VW013730.D

Acq: 24 Oct 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

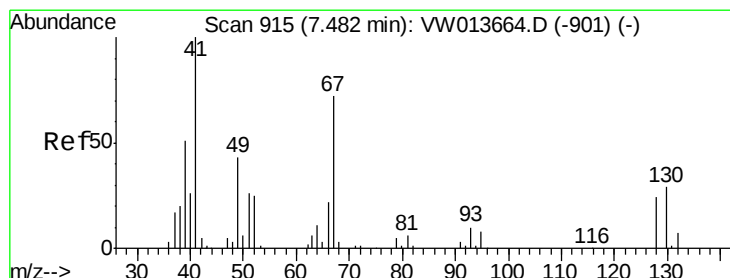
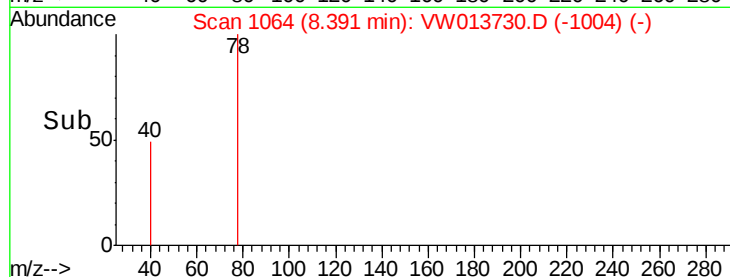
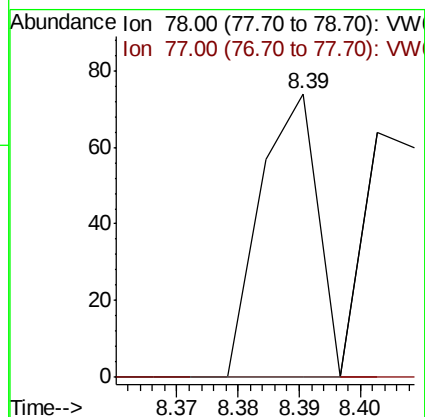
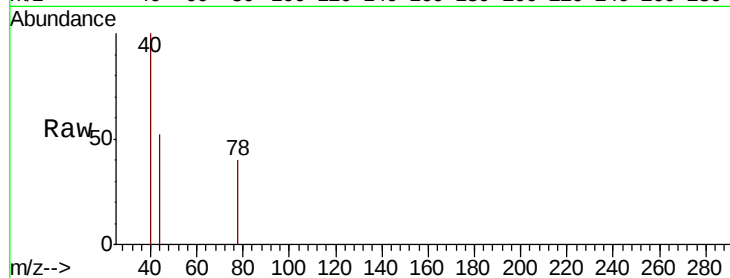
198-27-(1.8)RE

Tot Ion: 78 Resp: 48

Ion Ratio Lower Upper

78 100

77 0.0 19.6 29.4#



#41

Methacrylonitrile

Concen: 74.970 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW013730.D

Acq: 24 Oct 2019 23:39

Tgt Ion: 41 Resp: 20

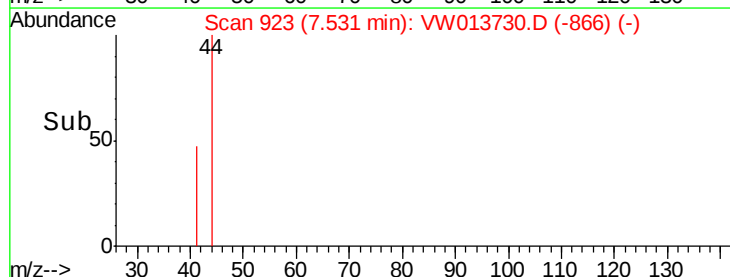
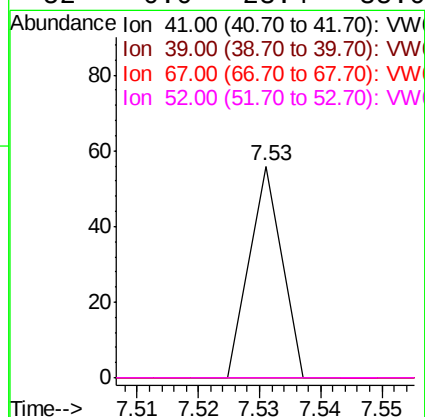
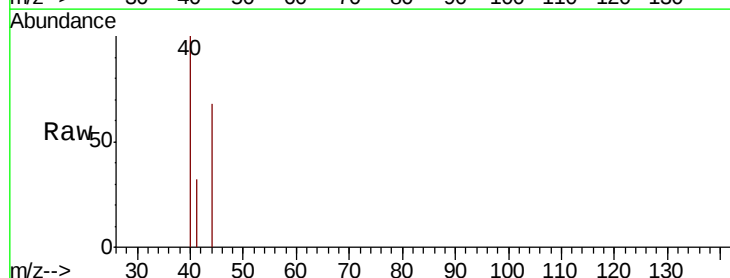
Ion Ratio Lower Upper

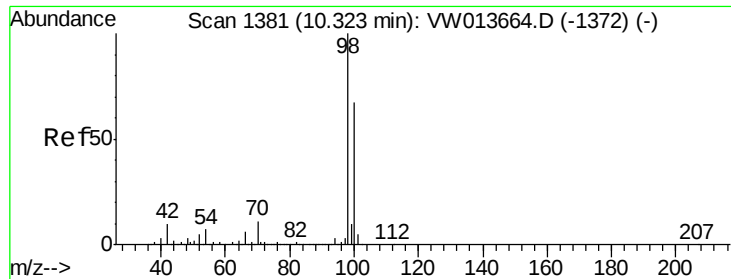
41 100

39 0.0 44.8 67.2#

67 0.0 59.3 88.9#

52 0.0 23.4 35.0#





#50

Toluene-d8

Concen: 7.729 ug/l

RT: 10.41 min Scan# 1396

Delta R.T. 0.09 min

Lab File: VW013730.D

Acq: 24 Oct 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

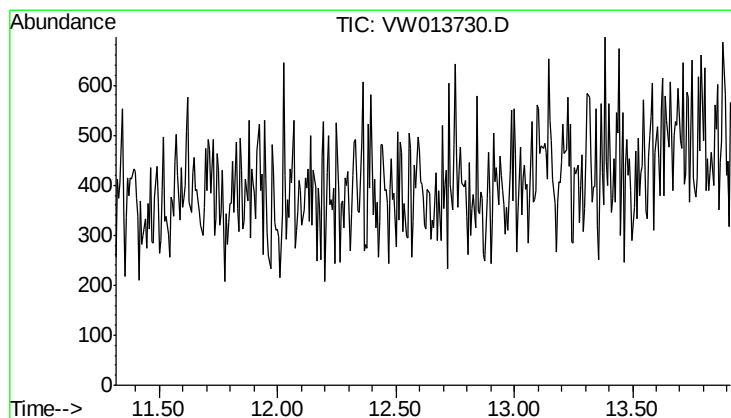
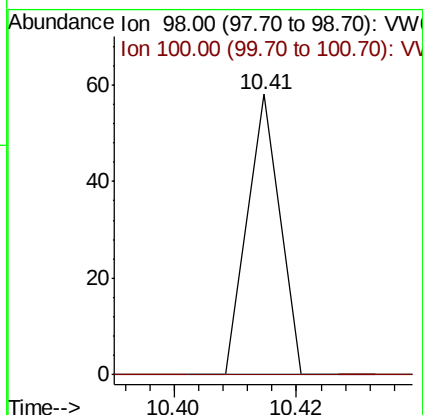
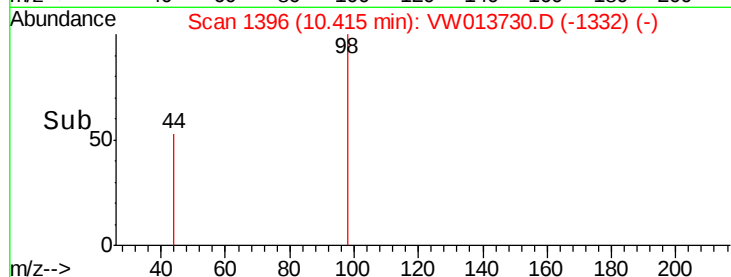
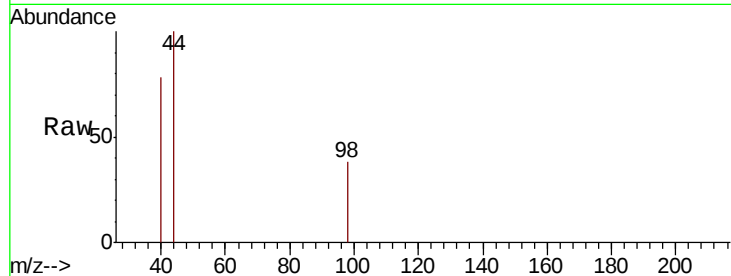
198-27-(1.8)RE

Tot Ion: 98 Resp: 21

Ion Ratio Lower Upper

98 100

100 0.0 53.4 80.0#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW013730.D

Acq: 24 Oct 2019 23:39

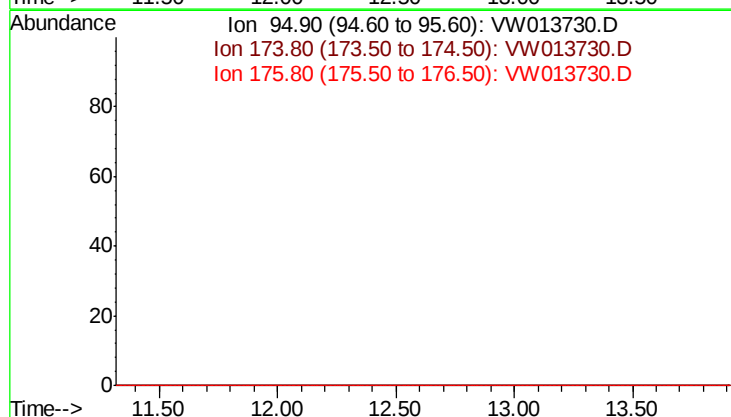
Tgt Ion: 95

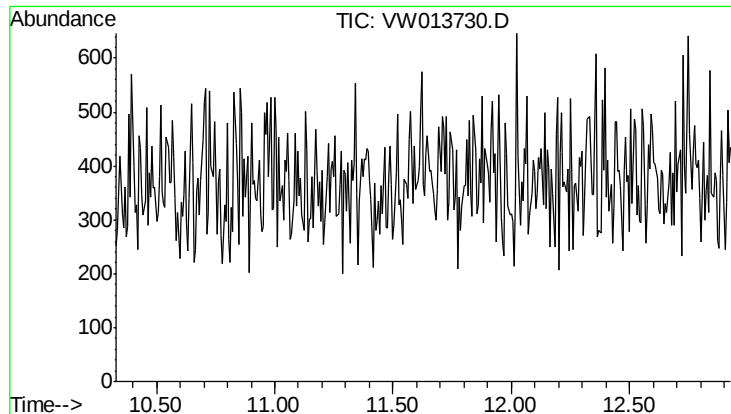
Sig Exp Ratio

95 100

174 91.8

176 89.0



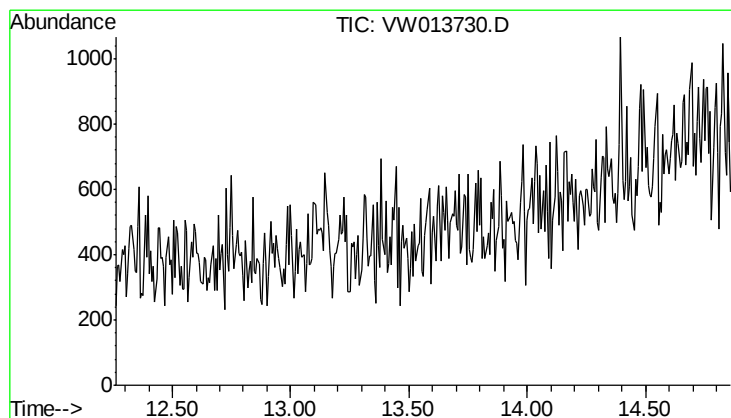
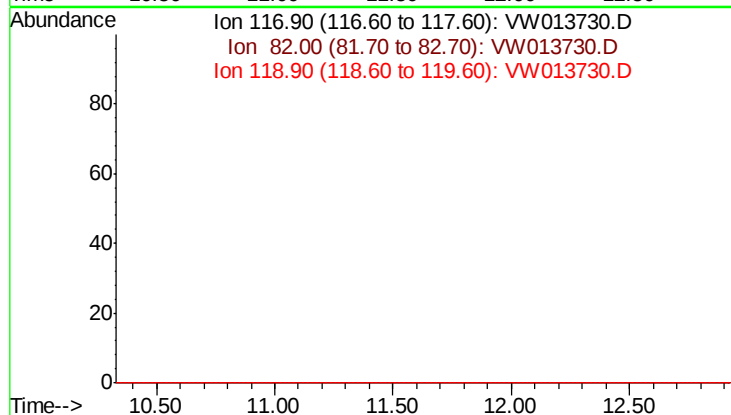


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.63 min

Lab File: VW013730.D
 Acq: 24 Oct 2019 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 198-27-(1.8)RE

Tot Ion	117
Sig	Exp Ratio
117	100
82	54.5
119	31.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.56 min

Lab File: VW013730.D
 Acq: 24 Oct 2019 23:39

Tgt Ion	152
Sig	Exp Ratio
152	100
115	54.8
150	172.7

