

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007892.D
 Acq On : 24 Dec 2018 16:43
 Operator : SY/AP
 Sample : J6446-09
 Misc : 3.22G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS021-0612-01

Quant Time: Dec 26 04:51:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

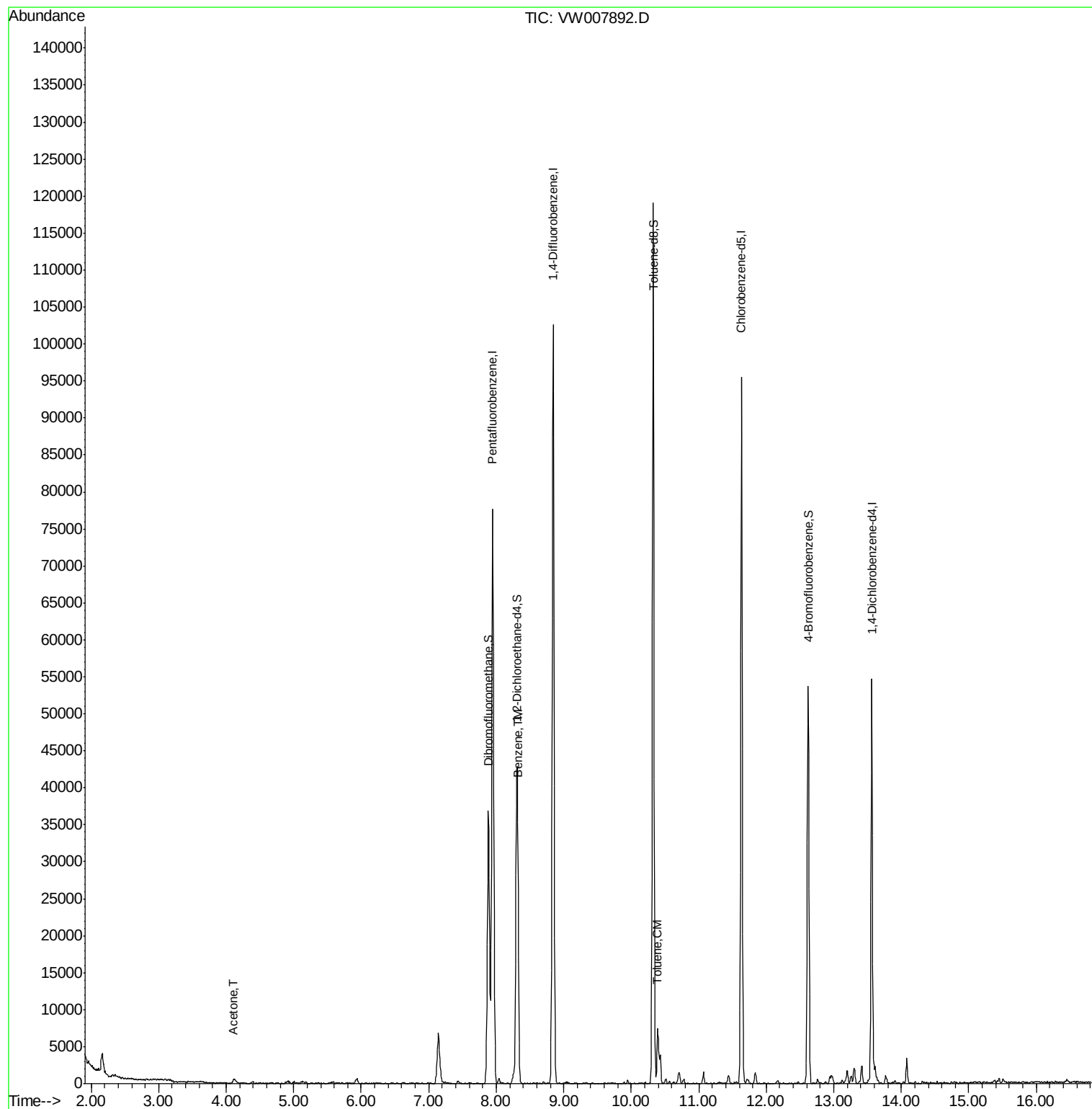
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	56225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	85851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	13612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33743	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.88	113	27118	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	10.32	98	79794	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.82%	
62) 4-Bromofluorobenzene	12.62	95	17416	22.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.66%	
Target Compounds						
16) Acetone	4.10	43	1221	10.581	ug/l #	88
40) Benzene	8.32	78	6992	3.162	ug/l #	89
52) Toluene	10.39	92	2500	1.685	ug/l	100

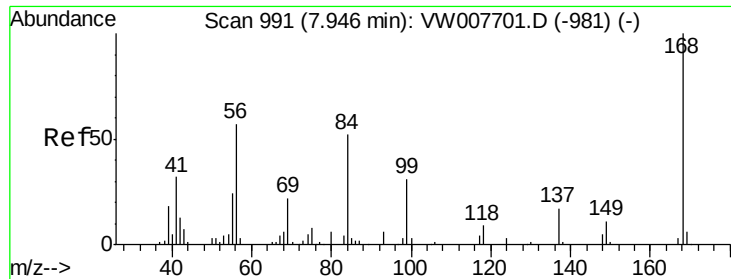
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007892.D

Acq: 24 Dec 2018 16:43

Instrument :

MSVOA_W

ClientSampleId :

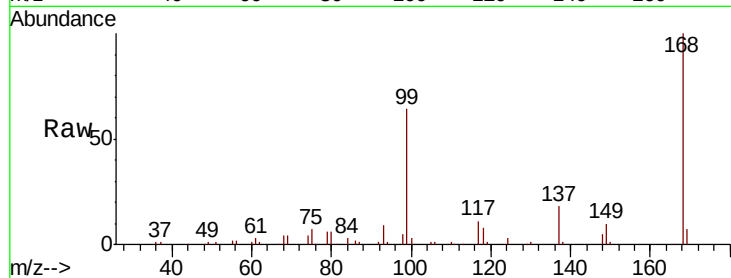
P001-SS021-0612-01

Tot Ion:168 Resp: 56225

Ion Ratio Lower Upper

168 100

99 64.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

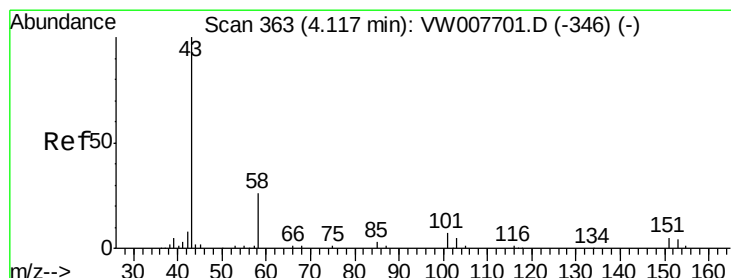
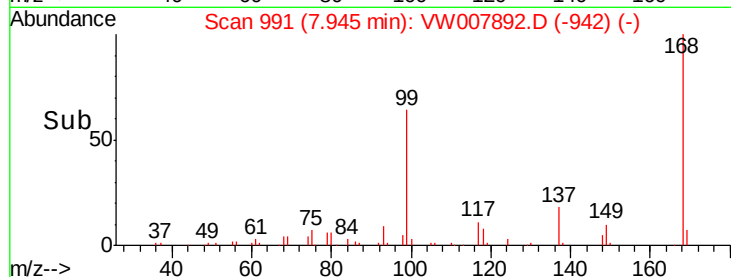
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 10.581 ug/l

RT: 4.10 min Scan# 361

Delta R.T. -0.01 min

Lab File: VW007892.D

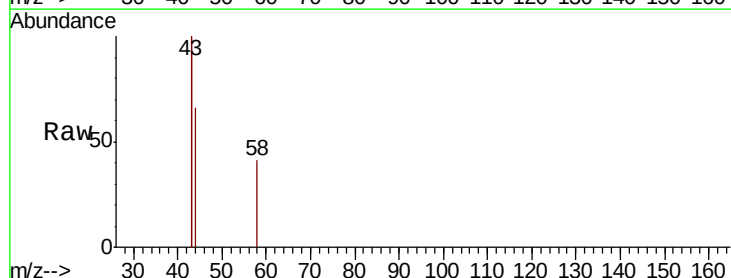
Acq: 24 Dec 2018 16:43

Tgt Ion: 43 Resp: 1221

Ion Ratio Lower Upper

43 100

58 20.6 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.10

400

300

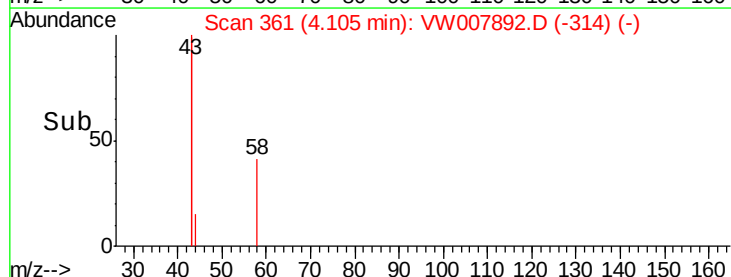
200

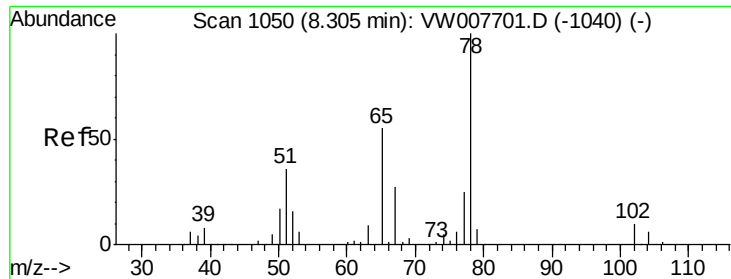
100

0

4.05 4.10 4.15 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.755 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007892.D

Acq: 24 Dec 2018 16:43

Instrument :

MSVOA_W

ClientSampleId :

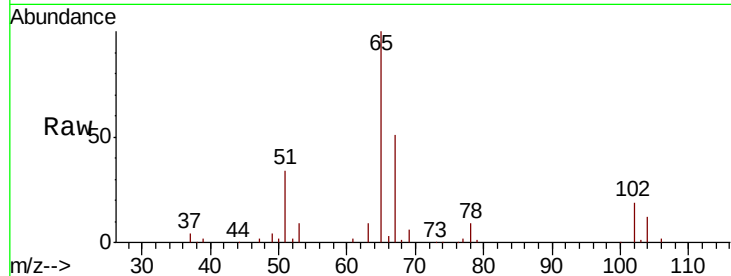
P001-SS021-0612-01

Tot Ion: 65 Resp: 33743

Ion Ratio Lower Upper

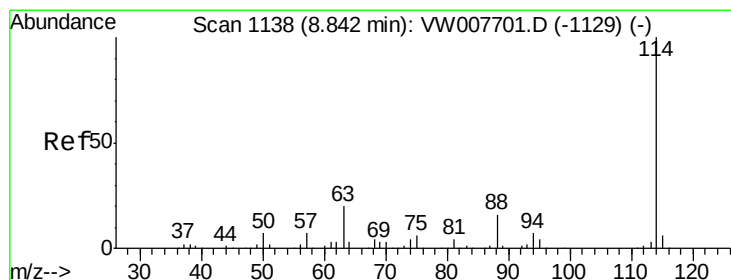
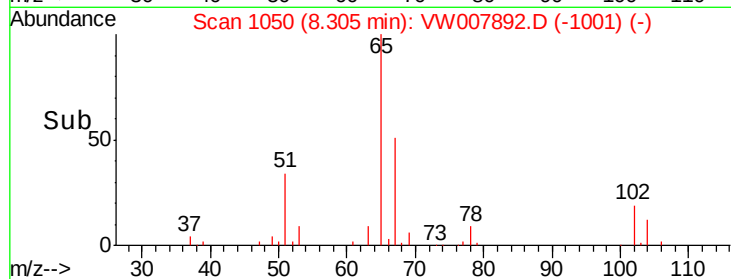
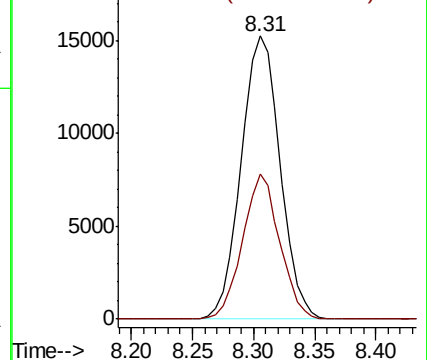
65 100

67 48.6 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007892.D

Acq: 24 Dec 2018 16:43

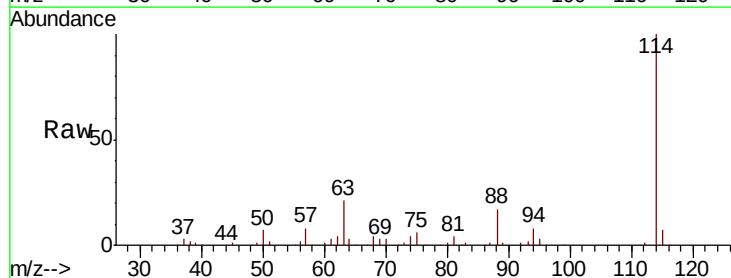
Tgt Ion: 114 Resp: 85851

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

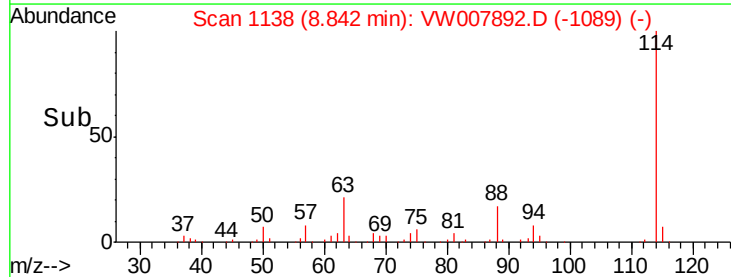
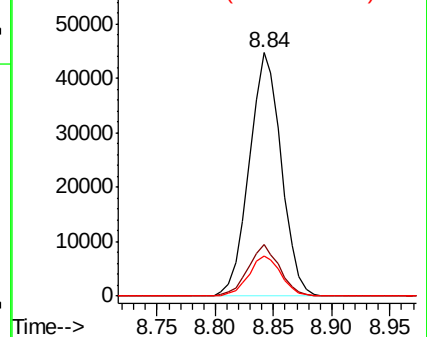
88 16.7 0.0 32.6

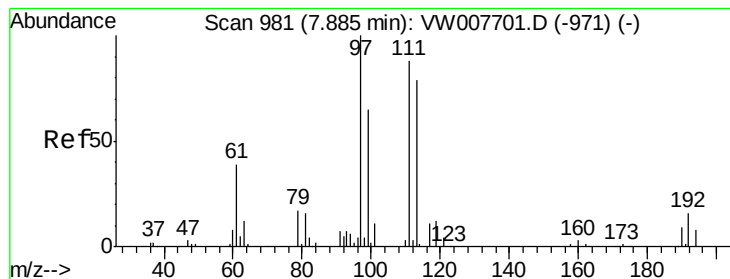


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.778 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007892.D

Acq: 24 Dec 2018 16:43

Instrument :

MSVOA_W

ClientSampleId :

P001-SS021-0612-01

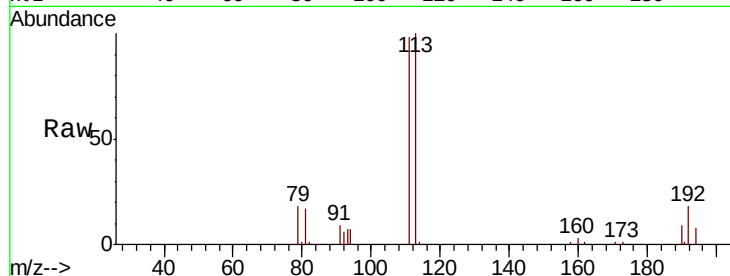
Tot Ion:113 Resp: 27118

Ion Ratio Lower Upper

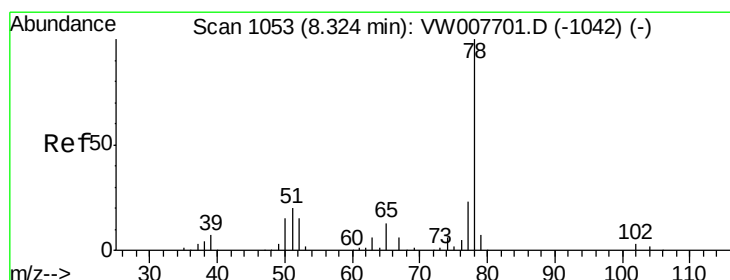
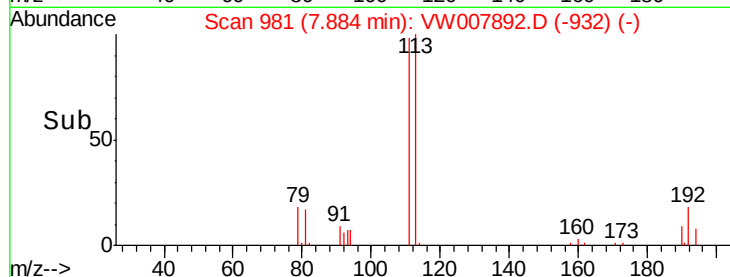
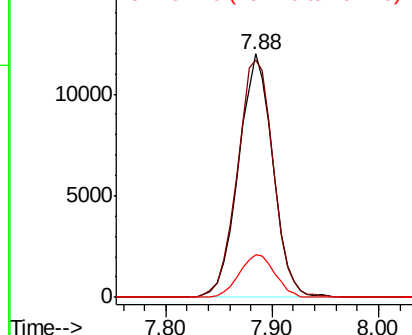
113 100

111 102.3 82.6 124.0

192 18.1 15.5 23.3



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



#40

Benzene

Concen: 3.162 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007892.D

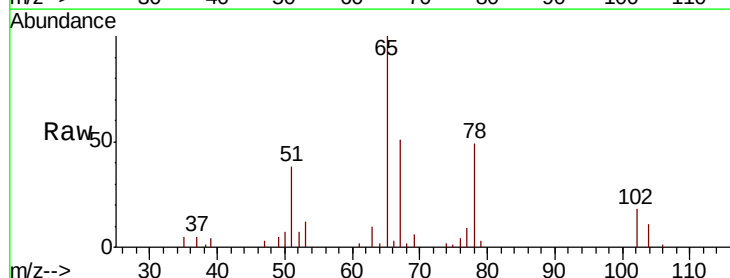
Acq: 24 Dec 2018 16:43

Tgt Ion: 78 Resp: 6992

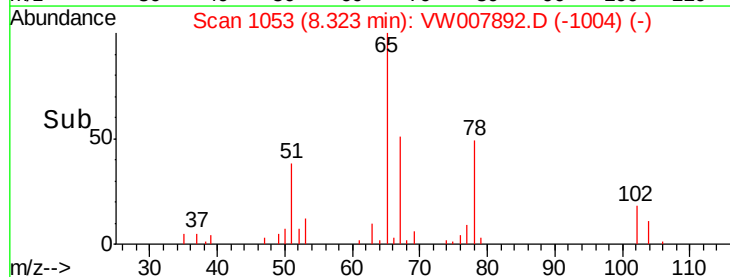
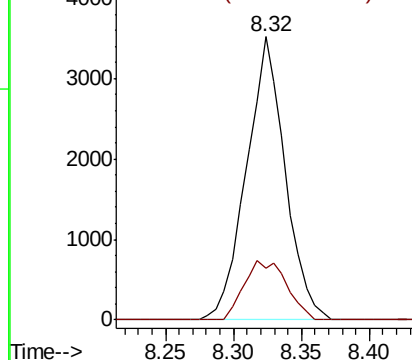
Ion Ratio Lower Upper

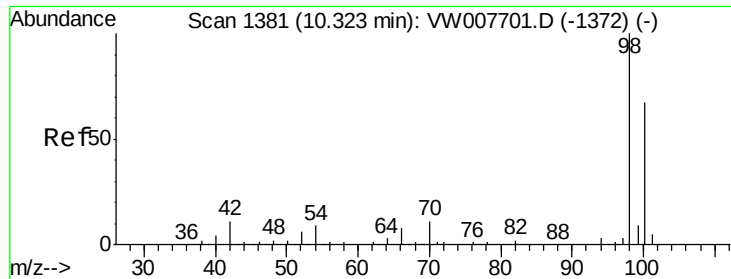
78 100

77 18.2 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 40.414 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007892.D

Acq: 24 Dec 2018 16:43

Instrument :

MSVOA_W

ClientSampleId :

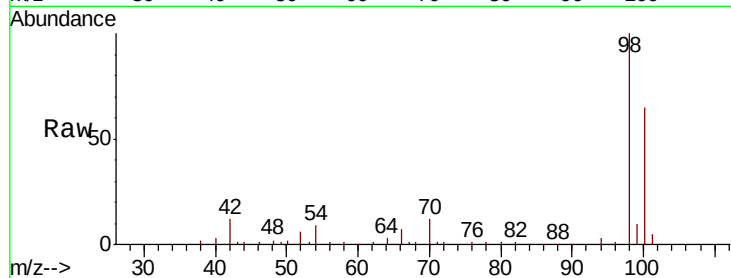
P001-SS021-0612-01

Tot Ion: 98 Resp: 79794

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

50000

40000

30000

20000

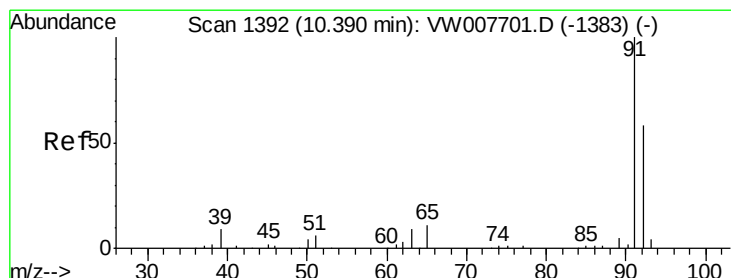
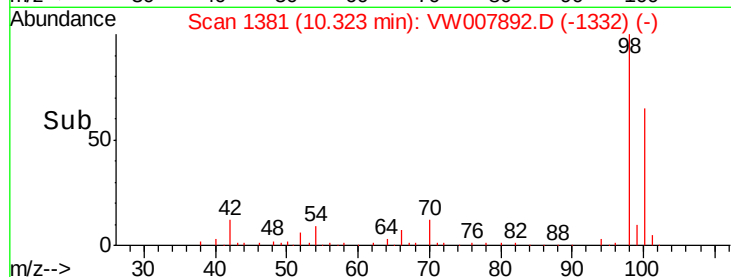
10000

0

Time-->

10.30

10.40



#52

Toluene

Concen: 1.685 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007892.D

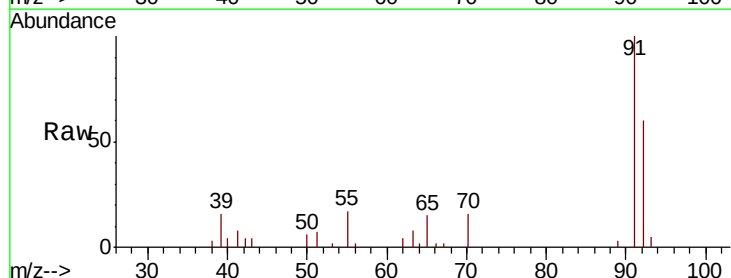
Acq: 24 Dec 2018 16:43

Tgt Ion: 92 Resp: 2500

Ion Ratio Lower Upper

92 100

91 171.7 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

3000

2500

2000

1500

1000

500

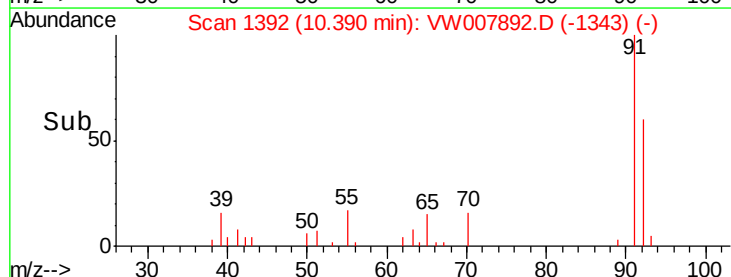
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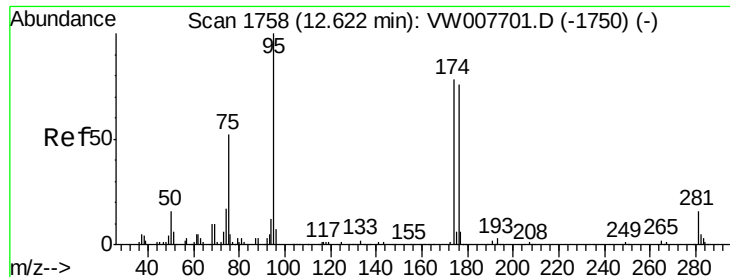
Time-->

10.35

10.40

10.45

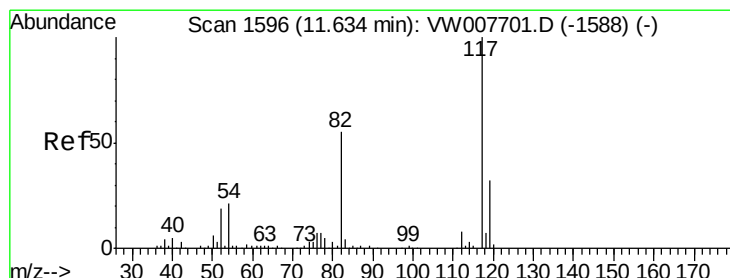
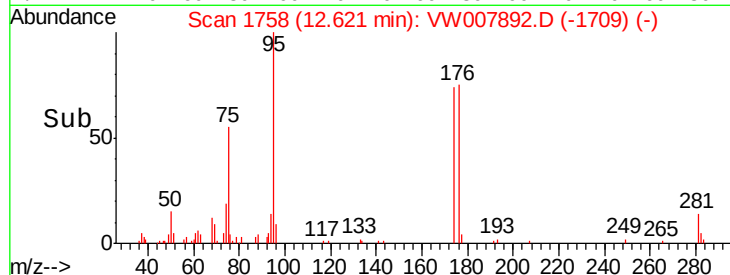
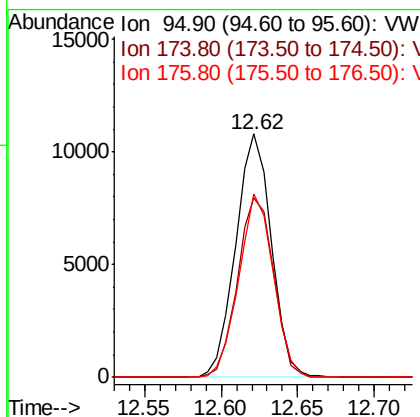
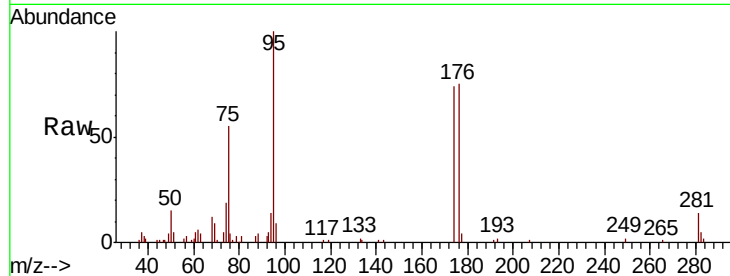




#62
4-Bromofluorobenzene
Concen: 22.833 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007892.D
Acq: 24 Dec 2018 16:43

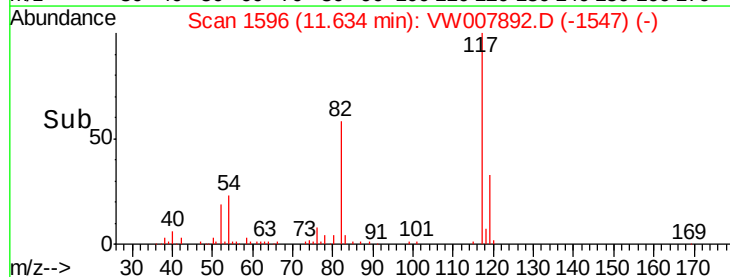
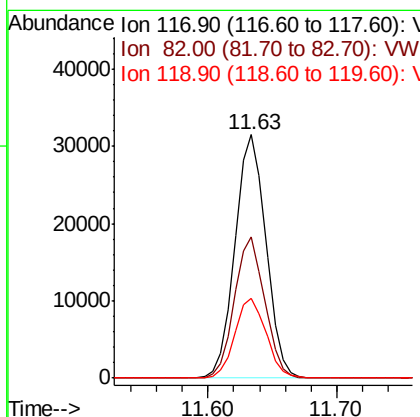
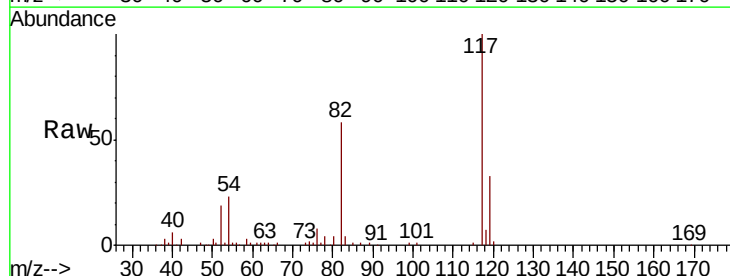
Instrument :
MSVOA_W
ClientSampleId :
P001-SS021-0612-01

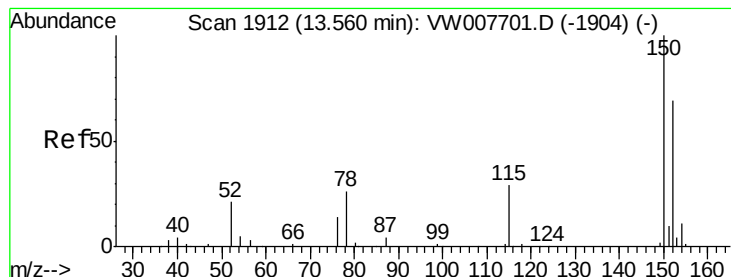
Tot Ion	95	Resp	17416
Ion Ratio	100		
Lower		0.0	152.2
Upper		0.0	146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007892.D
Acq: 24 Dec 2018 16:43

Tgt Ion	117	Resp	52434
Ion Ratio	100		
Lower		44.3	66.5
Upper		25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007892.D

Acq: 24 Dec 2018 16:43

Instrument :

MSVOA_W

ClientSampleId :

P001-SS021-0612-01

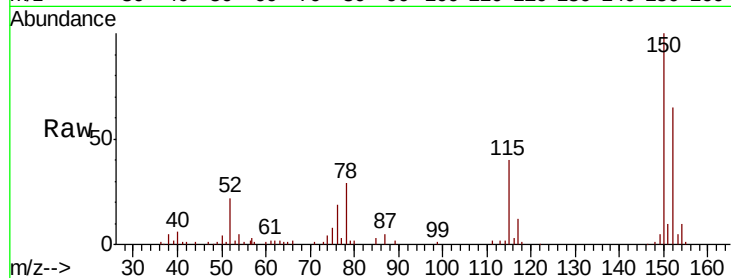
Tot Ion:152 Resp: 13612

Ion Ratio Lower Upper

152 100

115 64.1 31.8 95.4

150 159.5 0.0 350.8



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

