

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007858.D
 Acq On : 22 Dec 2018 21:55
 Operator : SY/AP
 Sample : J6389-02RE
 Misc : 6.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-0612-01RE

Quant Time: Dec 24 03:22:12 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

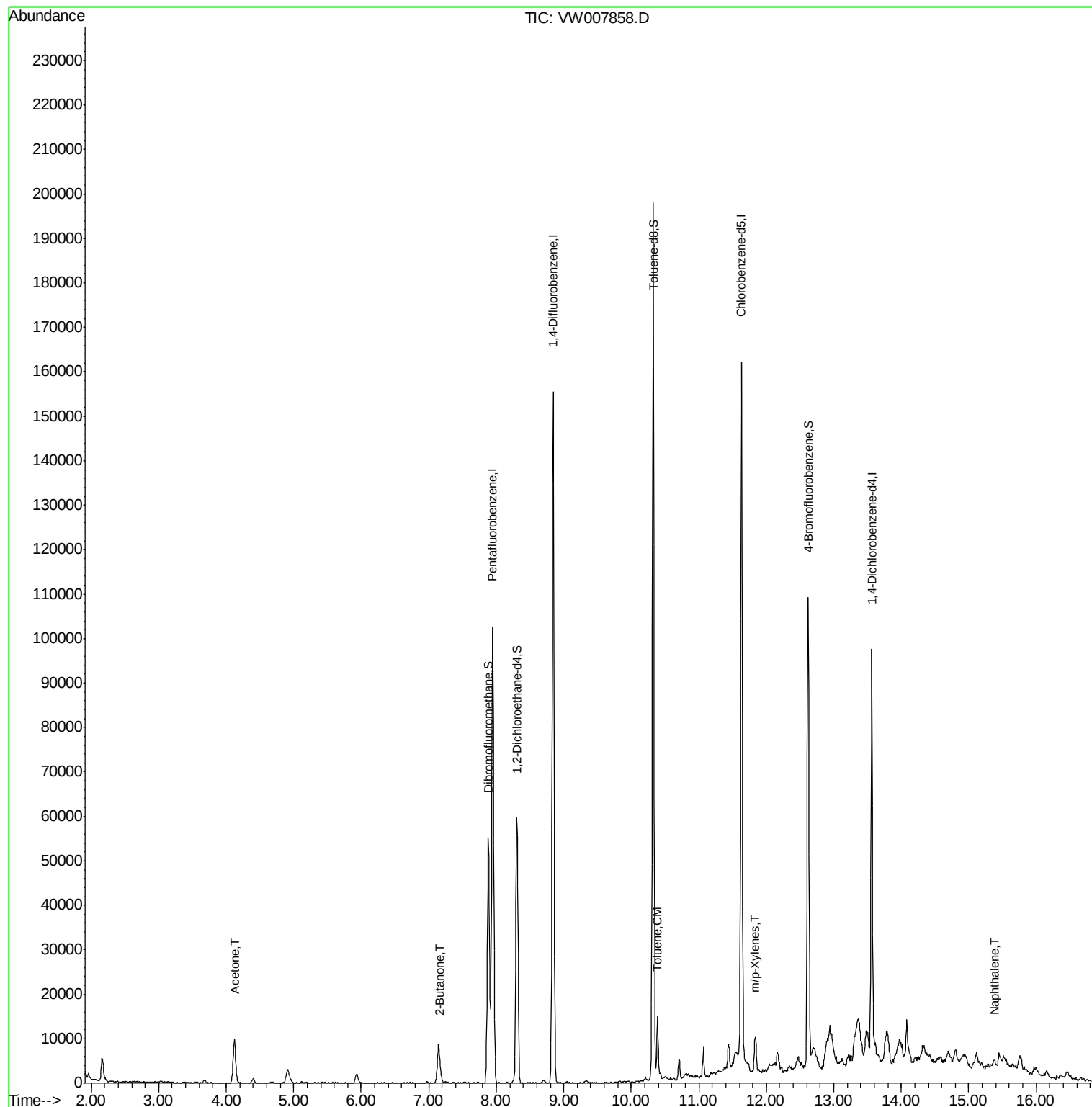
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49537	59.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.14%	
35) Dibromofluoromethane	7.88	113	40655	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.32	98	131173	43.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.96%	
62) 4-Bromofluorobenzene	12.62	95	34234	29.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.74%	
Target Compounds						
16) Acetone	4.12	43	17205	109.563	ug/l	99
25) 2-Butanone	7.17	43	1400	7.612	ug/l #	81
52) Toluene	10.39	92	5773	2.547	ug/l	99
68) m/p-Xylenes	11.84	106	2598	2.070	ug/l	89
95) Naphthalene	15.37	128	1032	1.125	ug/l #	75

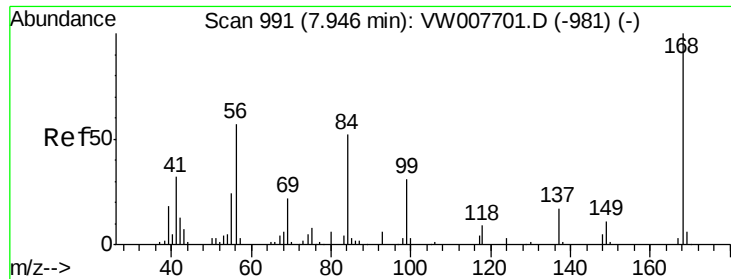
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
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P001-SS012-0612-01RE

Quant Time: Dec 24 03:22:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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: VW007858.D

Acq: 22 Dec 2018 21:55

Instrument :

MSVOA_W

ClientSampleId :

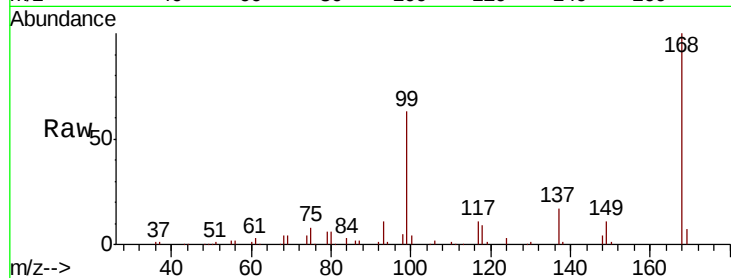
P001-SS012-0612-01RE

Tgt Ion:168 Resp: 76510

Ion Ratio Lower Upper

168 100

99 62.9 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

30000

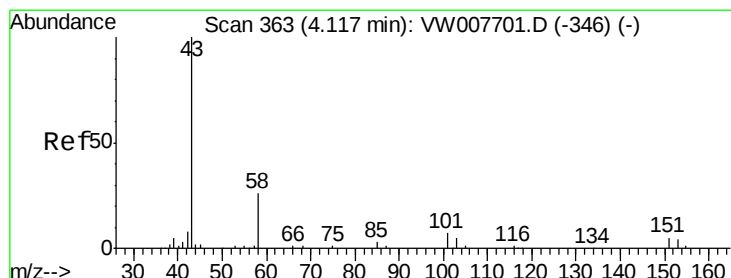
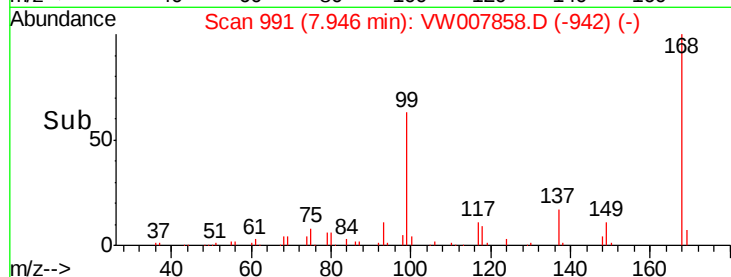
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 109.563 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007858.D

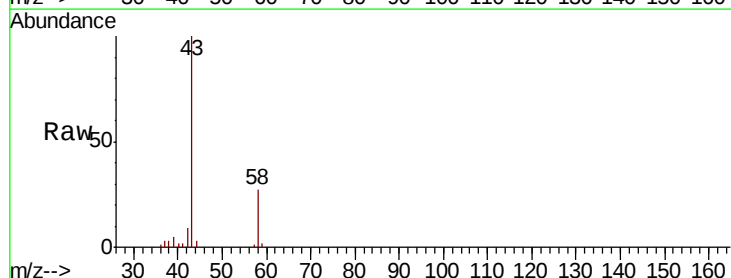
Acq: 22 Dec 2018 21:55

Tgt Ion: 43 Resp: 17205

Ion Ratio Lower Upper

43 100

58 27.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

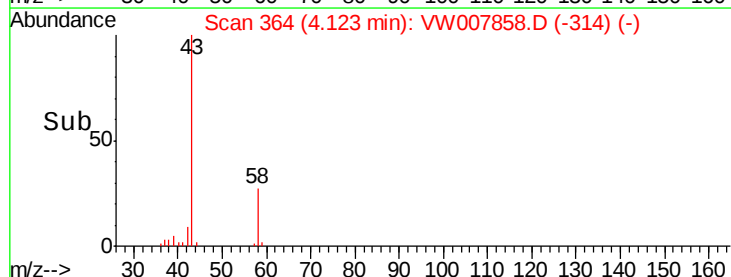
4000

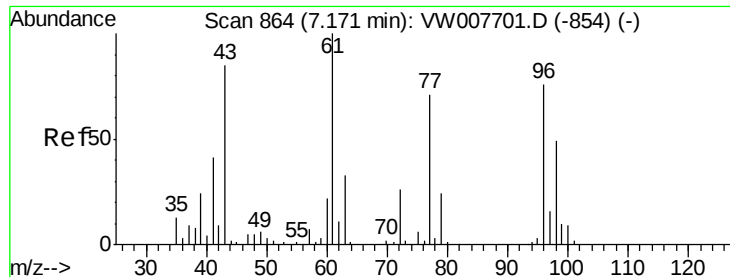
2000

0

4.00 4.10 4.20

Time-->





#25

2-Butanone

Concen: 7.612 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007858.D

Acq: 22 Dec 2018 21:55

Instrument :

MSVOA_W

ClientSampleId :

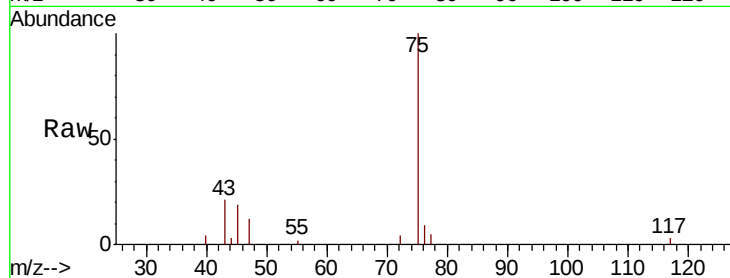
P001-SS012-0612-01RE

Tgt Ion: 43 Resp: 1400

Ion Ratio Lower Upper

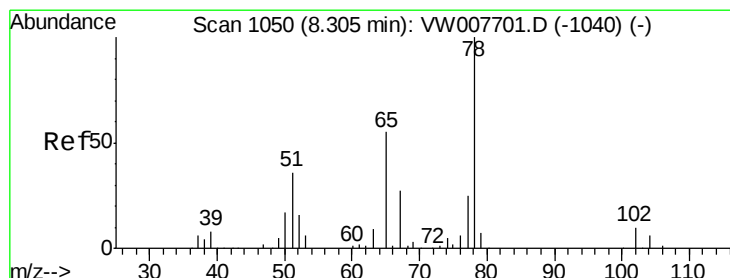
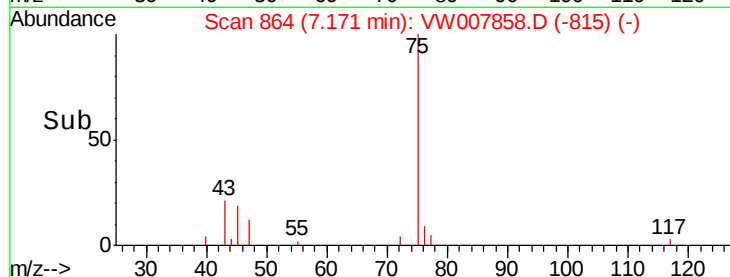
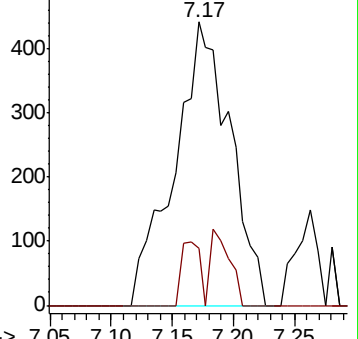
43 100

72 20.2 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 59.072 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007858.D

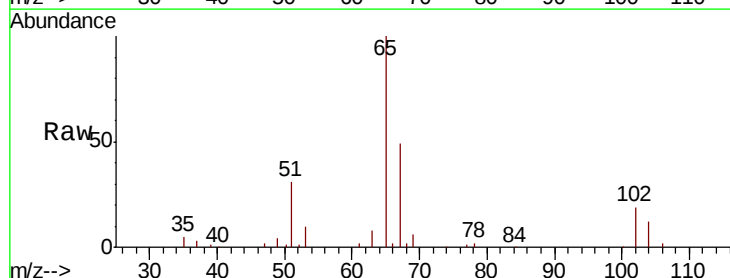
Acq: 22 Dec 2018 21:55

Tgt Ion: 65 Resp: 49537

Ion Ratio Lower Upper

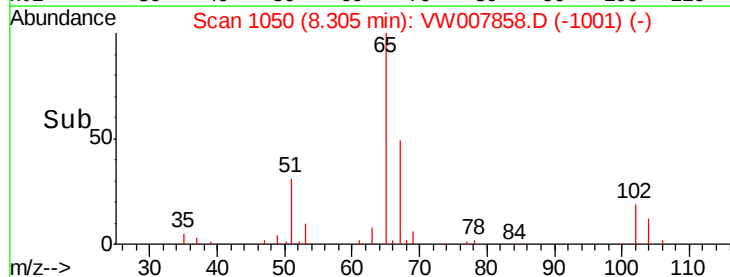
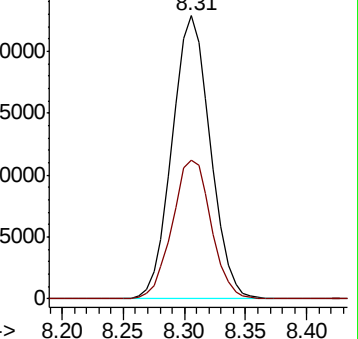
65 100

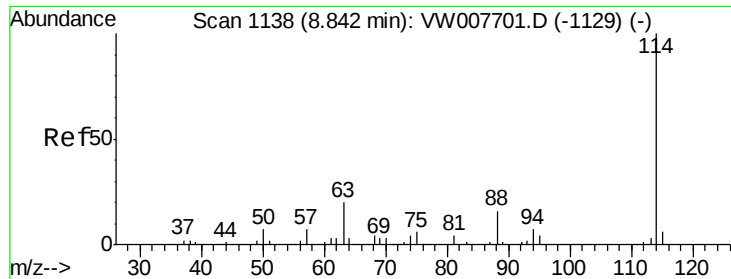
67 49.9 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

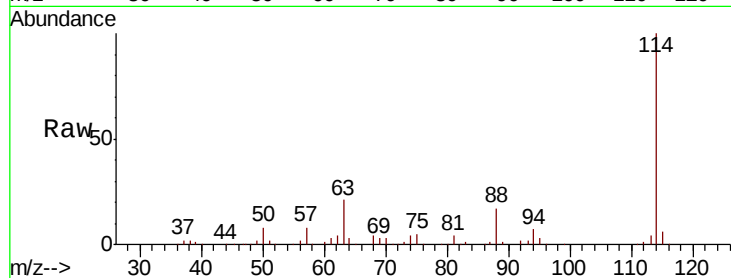




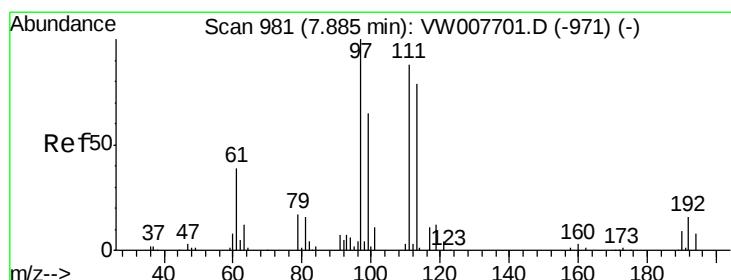
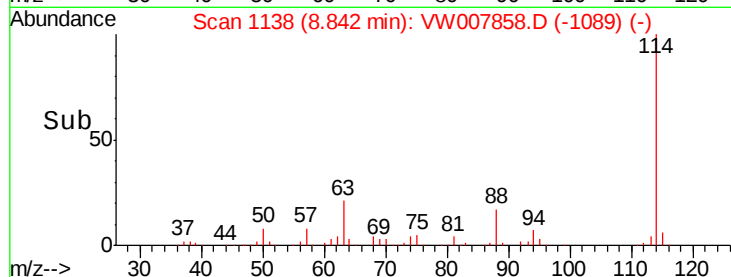
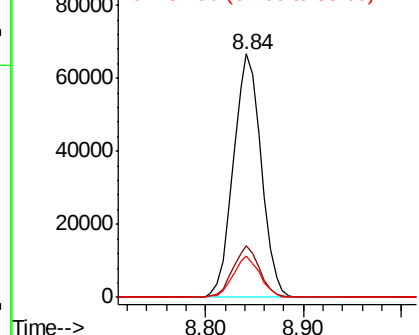
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007858.D
 Acq: 22 Dec 2018 21:55

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-0612-01RE

Tgt Ion:114 Resp: 131178
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.0
 88 17.1 0.0 32.6

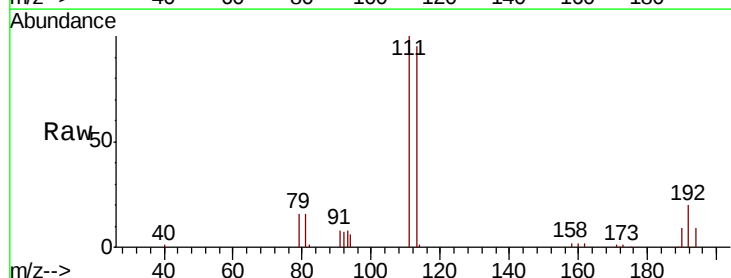


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

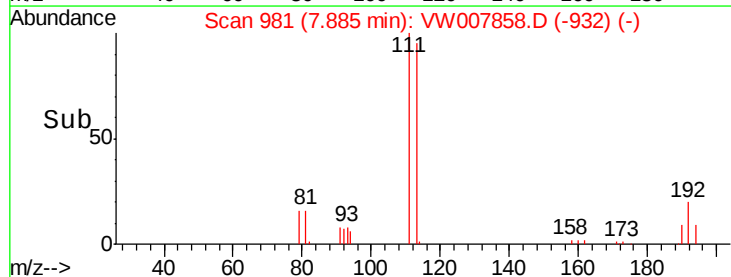
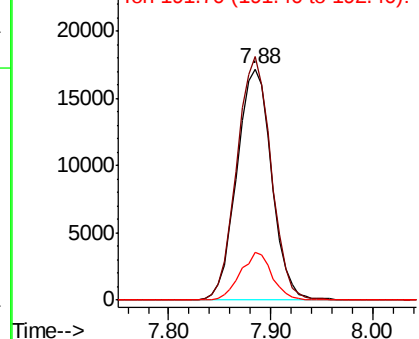


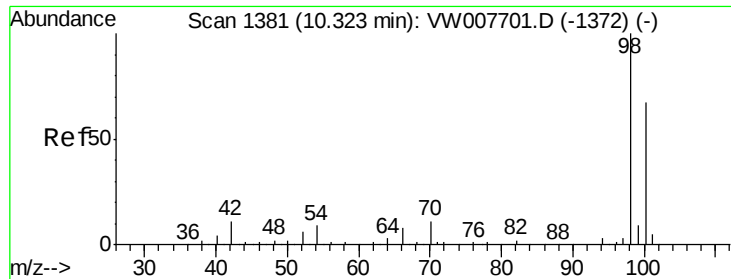
#35
 Dibromofluoromethane
 Concen: 50.803 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007858.D
 Acq: 22 Dec 2018 21:55

Tgt Ion:113 Resp: 40655
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.6 124.0
 192 18.7 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

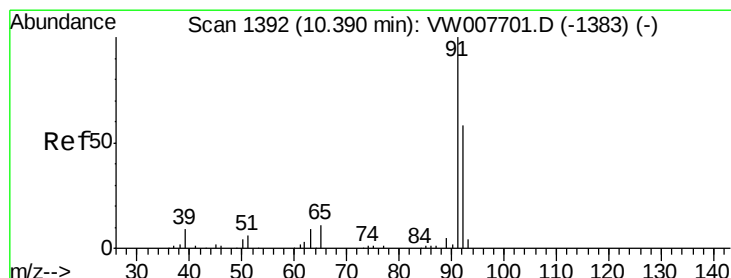
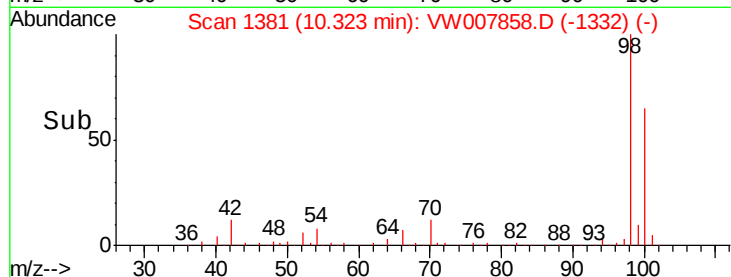
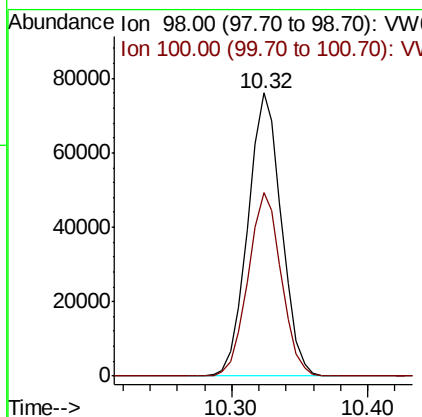
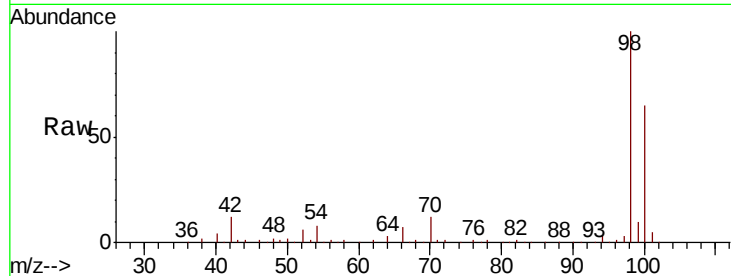




#50
Toluene-d8
Concen: 43.480 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007858.D
Acq: 22 Dec 2018 21:55

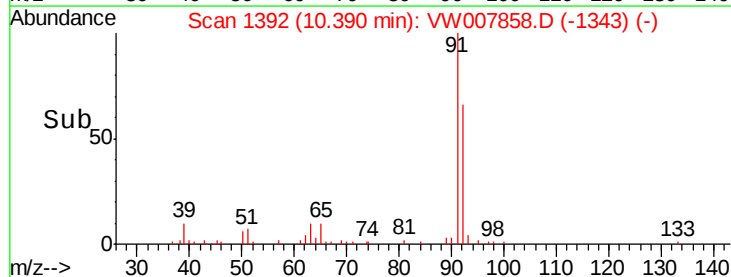
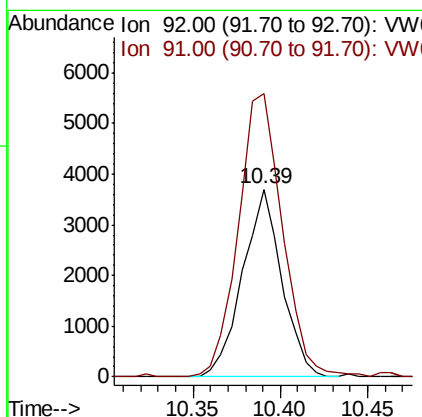
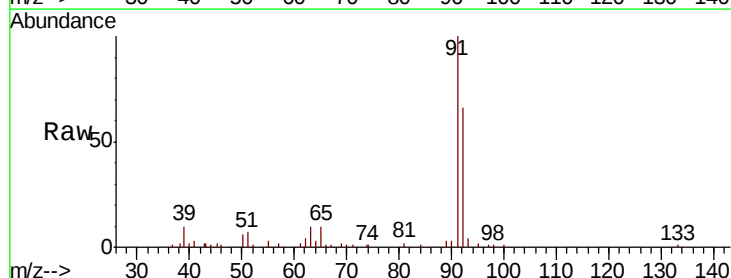
Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-0612-01RE

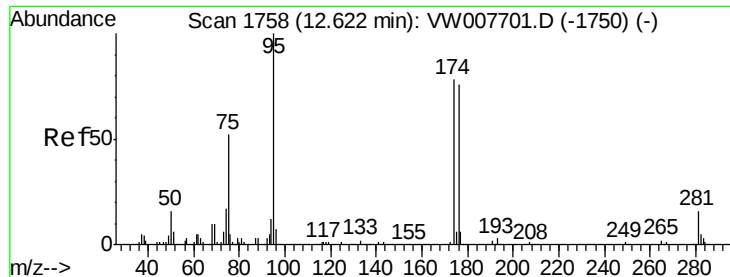
Tgt Ion: 98 Resp: 131173
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#52
Toluene
Concen: 2.547 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007858.D
Acq: 22 Dec 2018 21:55

Tgt Ion: 92 Resp: 5773
Ion Ratio Lower Upper
92 100
91 169.8 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 29.374 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007858.D

Acq: 22 Dec 2018 21:55

Instrument :

MSVOA_W

ClientSampleId :

P001-SS012-0612-01RE

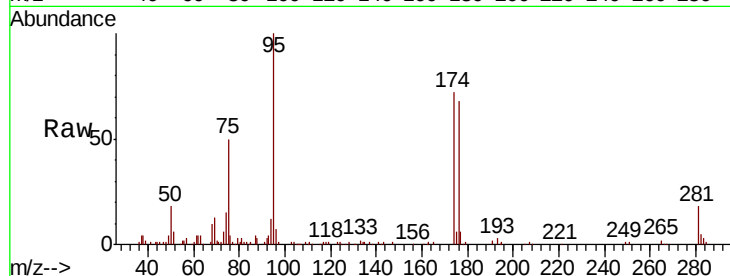
Tgt Ion: 95 Resp: 34234

Ion Ratio Lower Upper

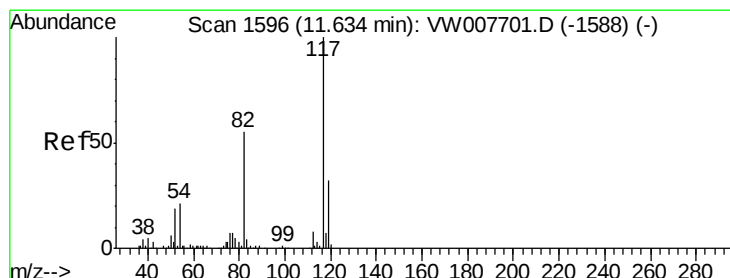
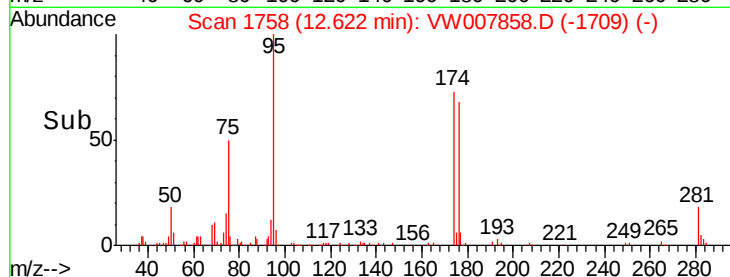
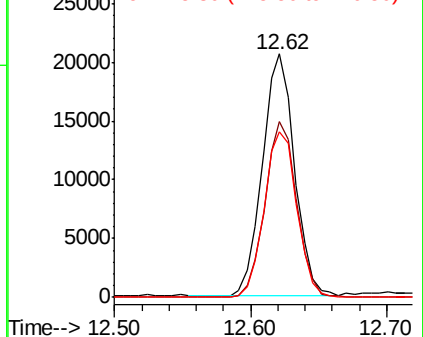
95 100

174 71.4 0.0 152.2

176 69.0 0.0 146.8



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: VW007858.D

Acq: 22 Dec 2018 21:55

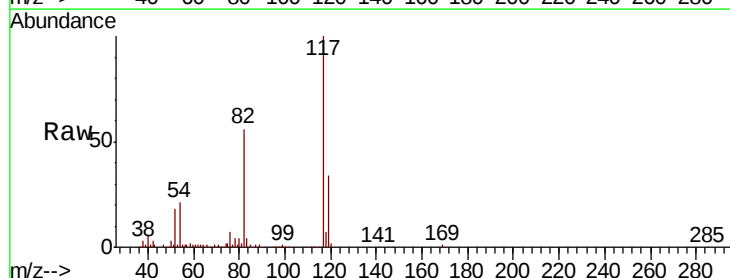
Tgt Ion: 117 Resp: 87093

Ion Ratio Lower Upper

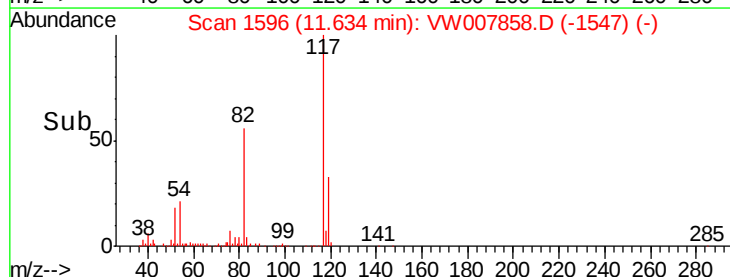
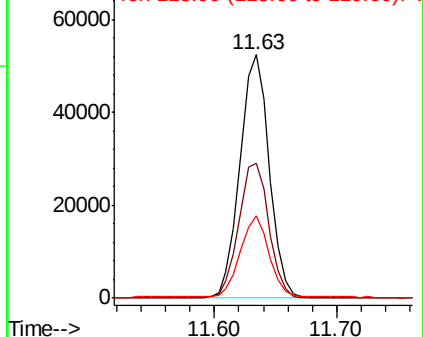
117 100

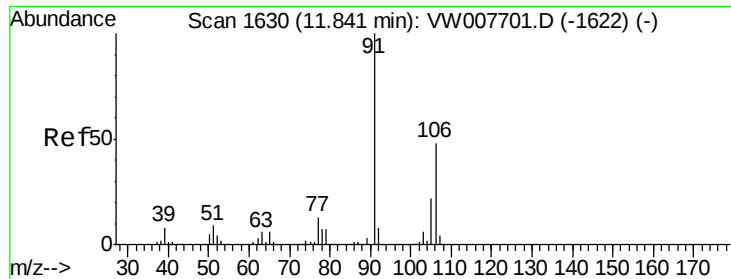
82 55.6 44.3 66.5

119 33.5 25.7 38.5



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

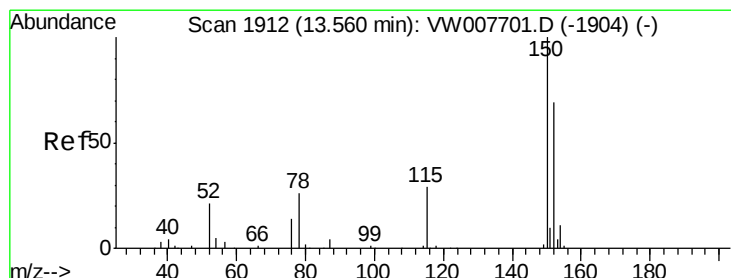
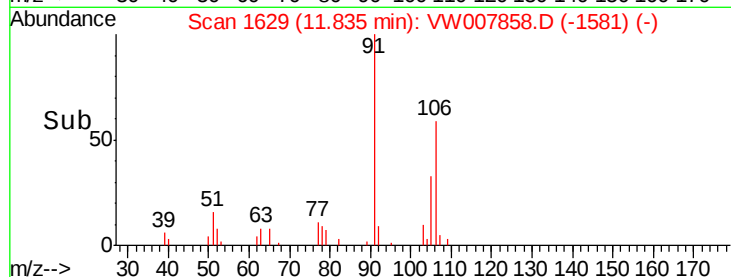
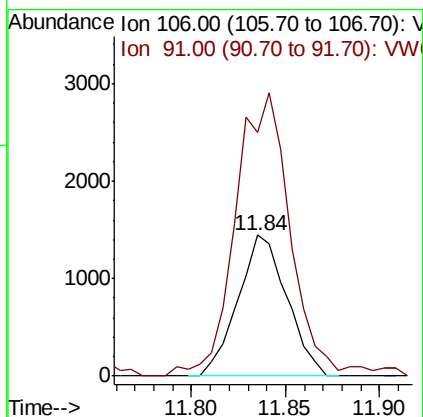
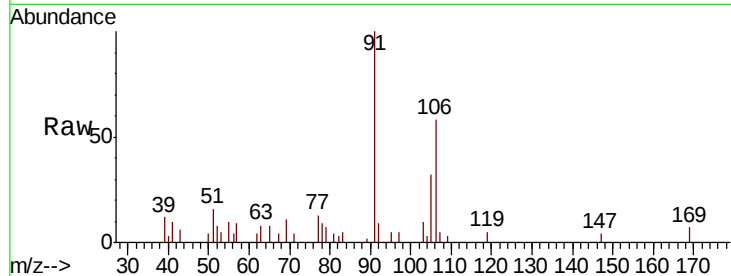




#68
m/p-Xylenes
Concen: 2.070 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007858.D
Acq: 22 Dec 2018 21:55

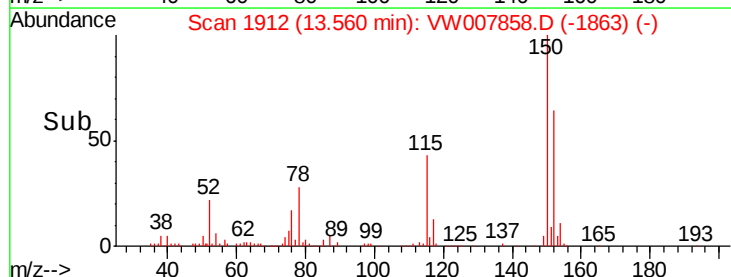
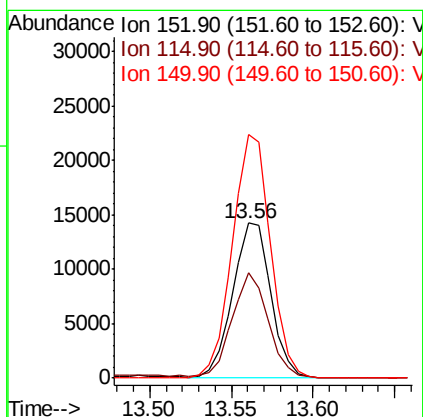
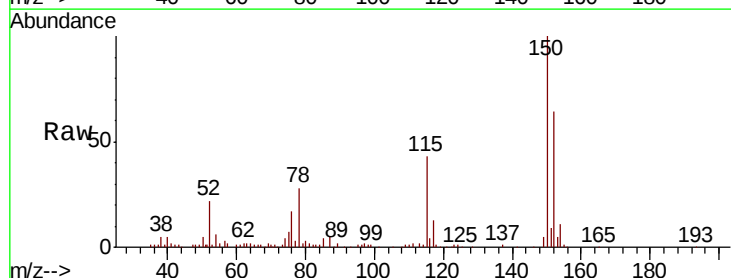
Instrument :
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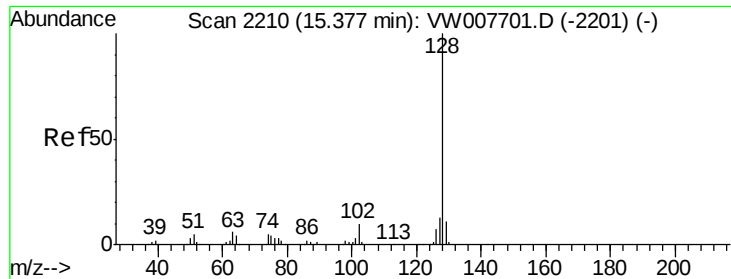
Tgt Ion:106 Resp: 2598
Ion Ratio Lower Upper
106 100
91 223.0 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007858.D
Acq: 22 Dec 2018 21:55

Tgt Ion:152 Resp: 23201
Ion Ratio Lower Upper
152 100
115 64.7 31.8 95.4
150 156.6 0.0 350.8





#95
Naphthalene
Concen: 1.125 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007858.D
Acq: 22 Dec 2018 21:55

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-0612-01RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	3.0	10.7	16.1#
129	20.3	8.8	13.2#

