

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007847.D
 Acq On : 22 Dec 2018 17:10
 Operator : SY/AP
 Sample : J6377-19RE
 Misc : 3.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0006-01RE

Quant Time: Dec 24 02:58:33 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

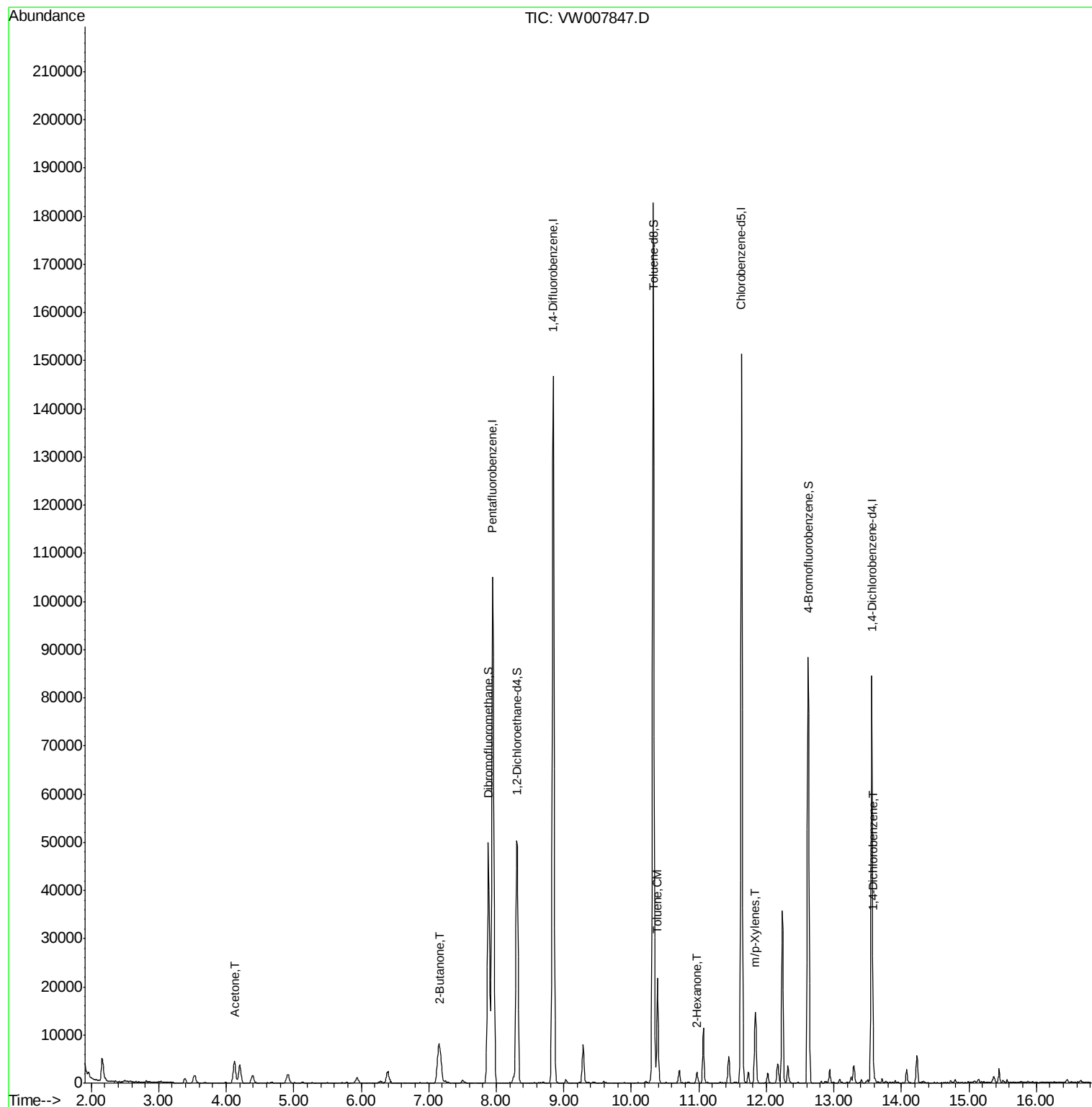
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	130122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	86775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	22067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	43216	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	7.88	113	37656	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.32	98	126158	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
62) 4-Bromofluorobenzene	12.62	95	29784	25.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.52%	
Target Compounds						
16) Acetone	4.12	43	8143	49.433	ug/l	98
25) 2-Butanone	7.17	43	7882	40.851	ug/l	93
52) Toluene	10.39	92	9015	4.009	ug/l	97
59) 2-Hexanone	10.98	43	1517	5.256	ug/l	98
68) m/p-Xylenes	11.83	106	4560	3.647	ug/l	93
88) 1,4-Dichlorobenzene	13.58	146	885	1.166	ug/l #	55

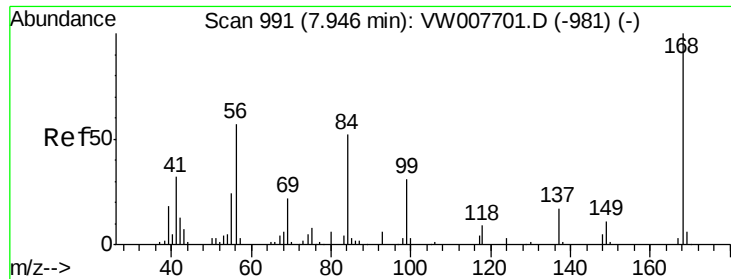
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007847.D

Acq: 22 Dec 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

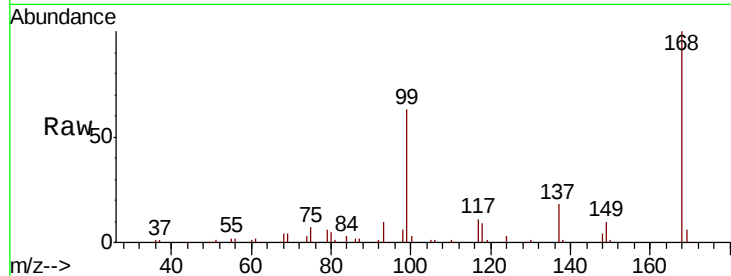
P001-SD007-0006-01RE

Tgt Ion: 168 Resp: 80259

Ion Ratio Lower Upper

168 100

99 63.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

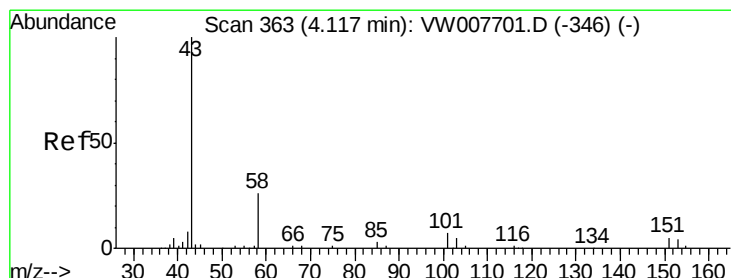
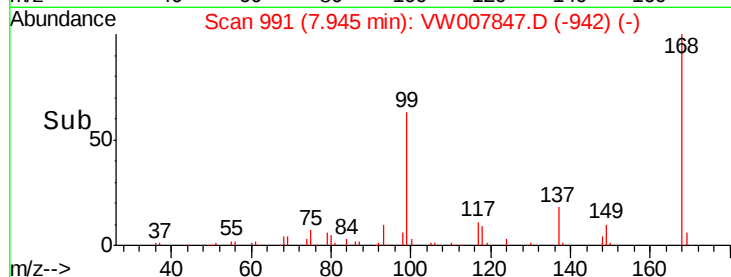
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 49.433 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007847.D

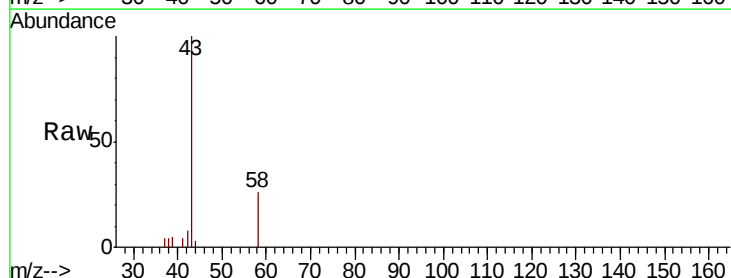
Acq: 22 Dec 2018 17:10

Tgt Ion: 43 Resp: 8143

Ion Ratio Lower Upper

43 100

58 25.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

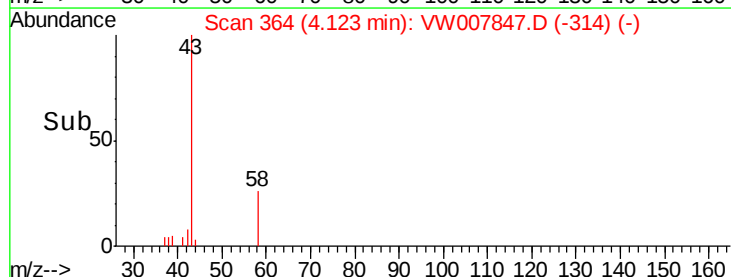
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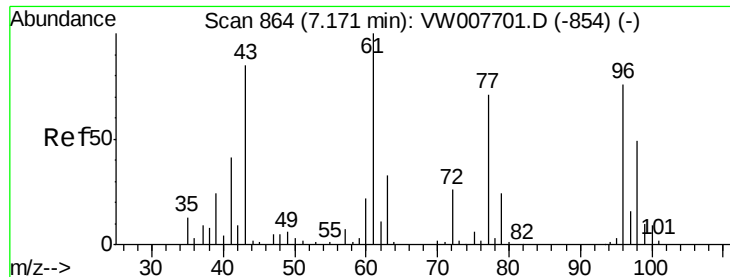
1000

0

Time-->

4.00 4.05 4.10 4.15 4.20

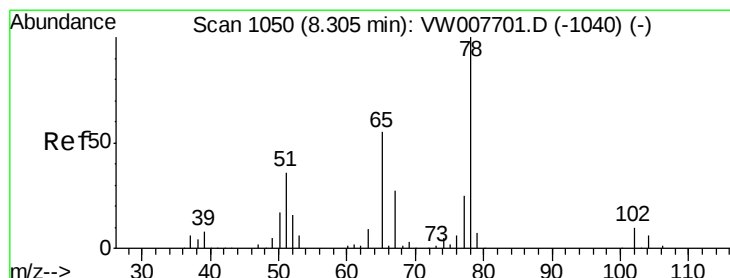
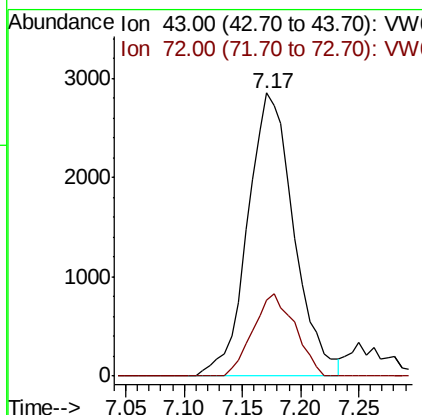
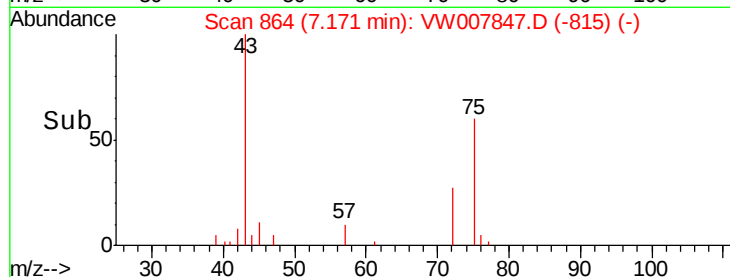
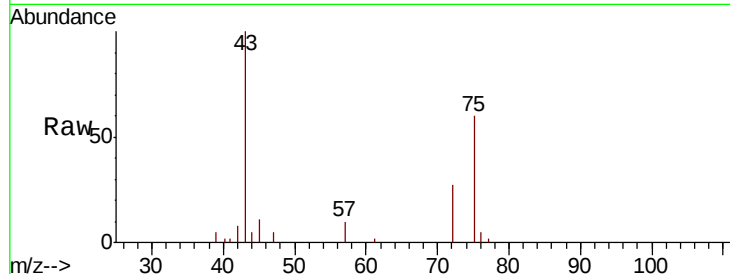




#25
 2-Butanone
 Concen: 40.851 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW007847.D
 Acq: 22 Dec 2018 17:10

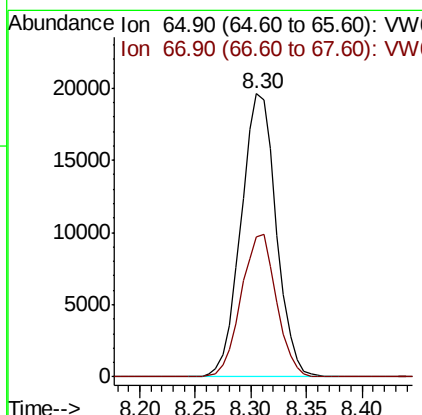
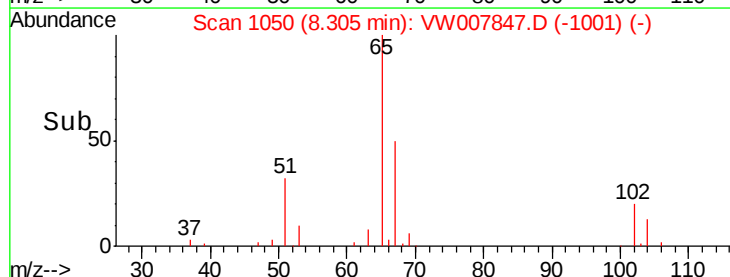
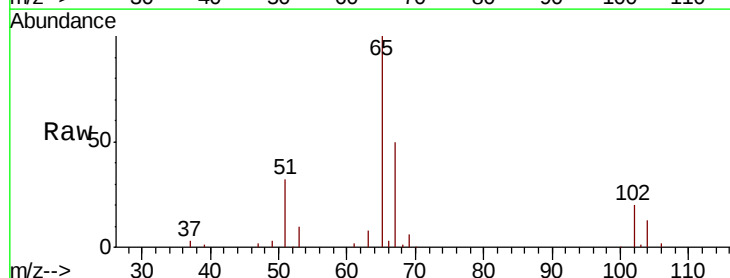
Instrument :
 MSVOA_W
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 P001-SD007-0006-01RE

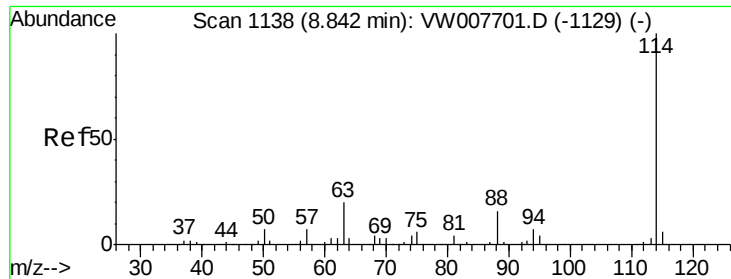
Tgt Ion: 43 Resp: 7882
 Ion Ratio Lower Upper
 43 100
 72 27.0 24.5 36.7



#33
 1,2-Dichloroethane-d4
 Concen: 49.127 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007847.D
 Acq: 22 Dec 2018 17:10

Tgt Ion: 65 Resp: 43216
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.6

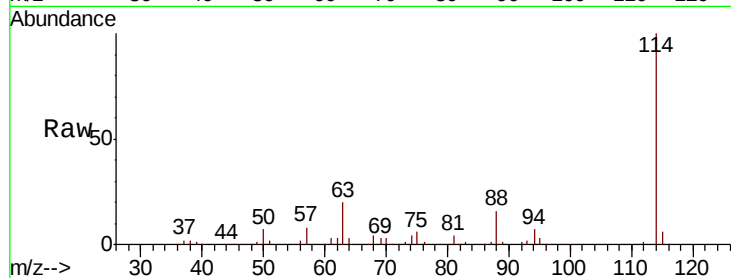




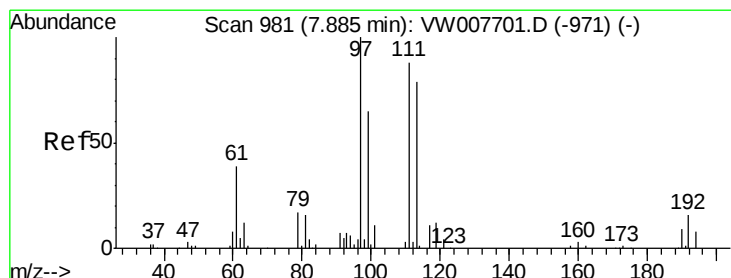
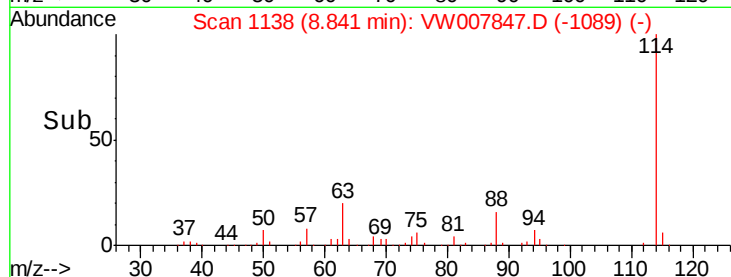
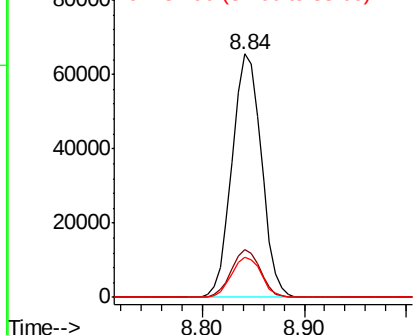
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007847.D
 Acq: 22 Dec 2018 17:10

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0006-01RE

Tgt Ion:114 Resp: 130122
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.4 0.0 32.6

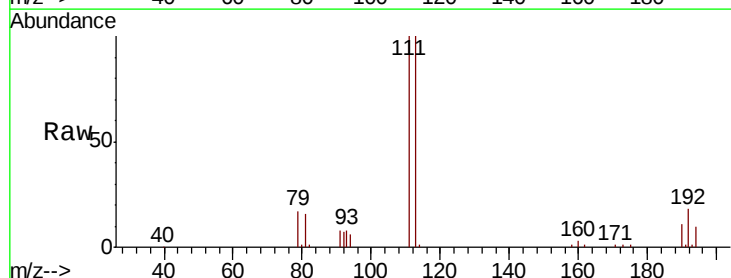


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

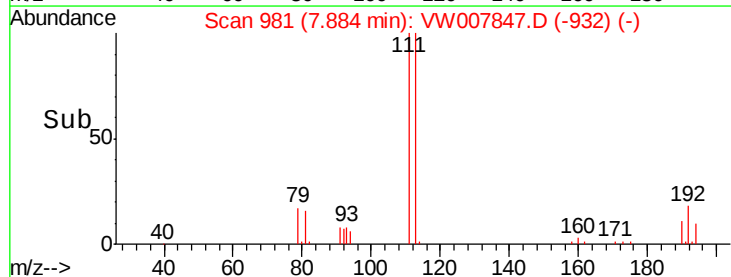
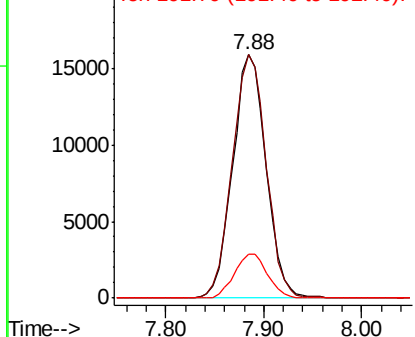


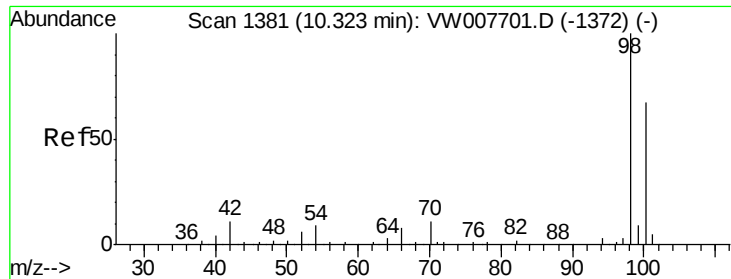
#35
 Dibromofluoromethane
 Concen: 47.437 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007847.D
 Acq: 22 Dec 2018 17:10

Tgt Ion:113 Resp: 37656
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.6 124.0
 192 17.9 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

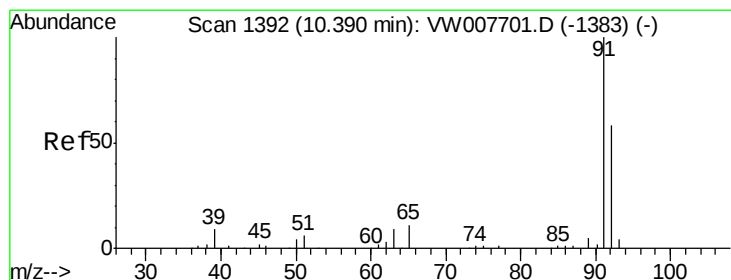
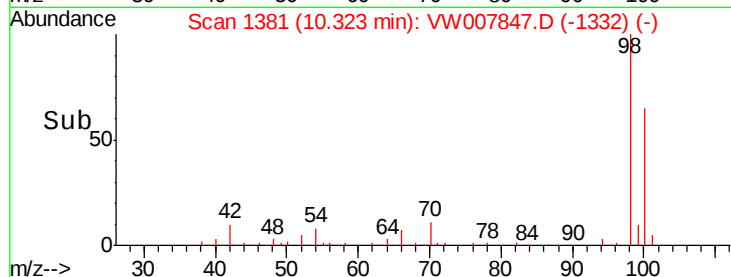
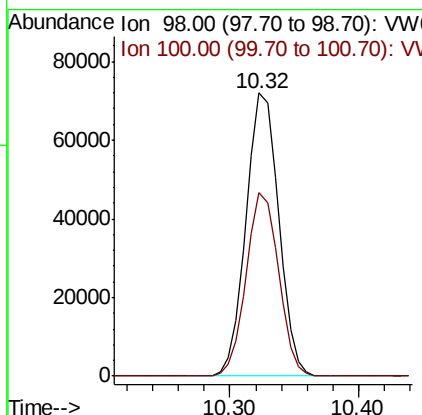
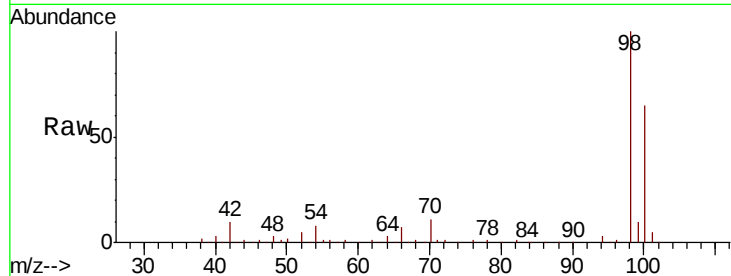




#50
Toluene-d8
Concen: 42.157 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007847.D
Acq: 22 Dec 2018 17:10

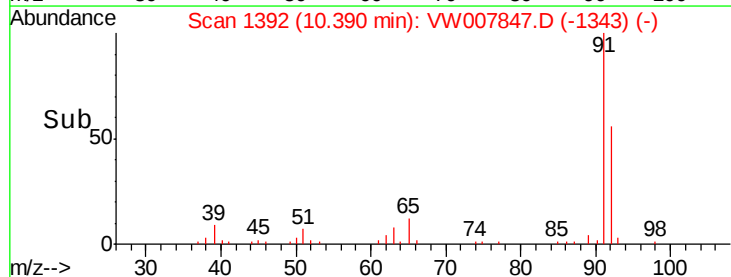
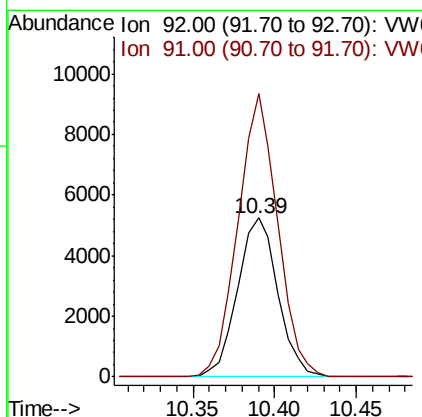
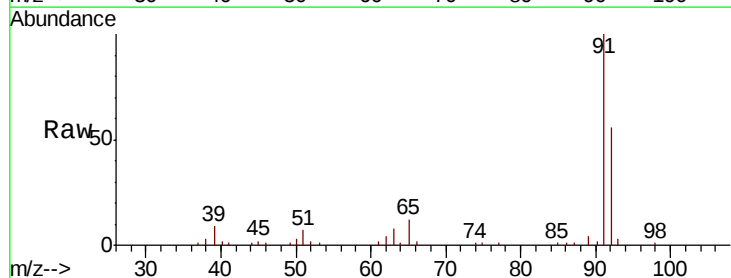
Instrument :
MSVOA_W
ClientSampleId :
P001-SD007-0006-01RE

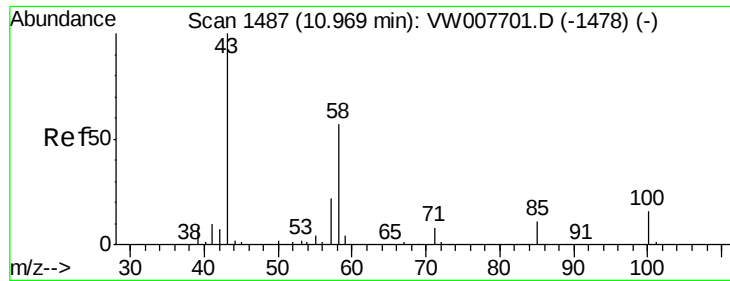
Tgt Ion: 98 Resp: 126158
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#52
Toluene
Concen: 4.009 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007847.D
Acq: 22 Dec 2018 17:10

Tgt Ion: 92 Resp: 9015
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.4





#59

2-Hexanone

Concen: 5.256 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW007847.D

Acq: 22 Dec 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

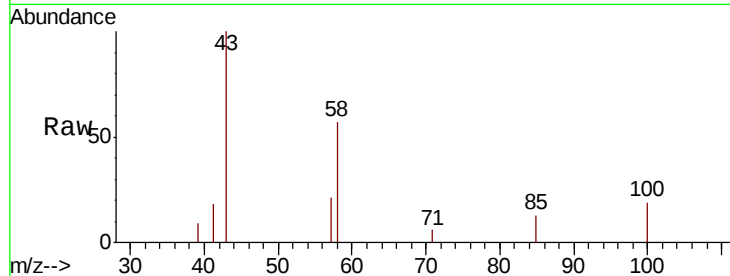
P001-SD007-0006-01RE

Tgt Ion: 43 Resp: 1517

Ion Ratio Lower Upper

43 100

58 53.9 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.98

800

600

400

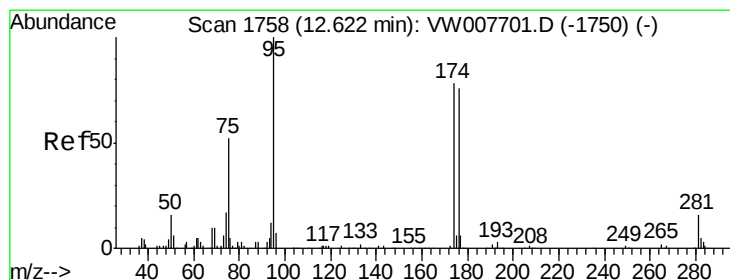
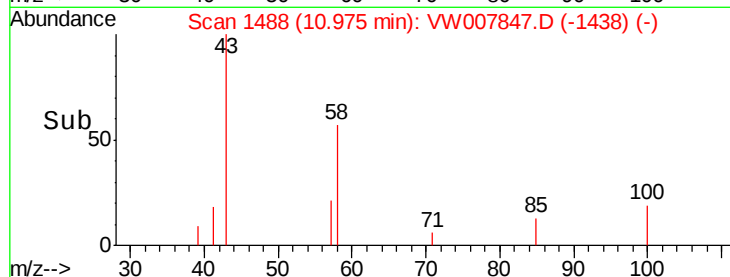
200

0

10.95

11.00

Time-->



#62

4-Bromofluorobenzene

Concen: 25.763 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007847.D

Acq: 22 Dec 2018 17:10

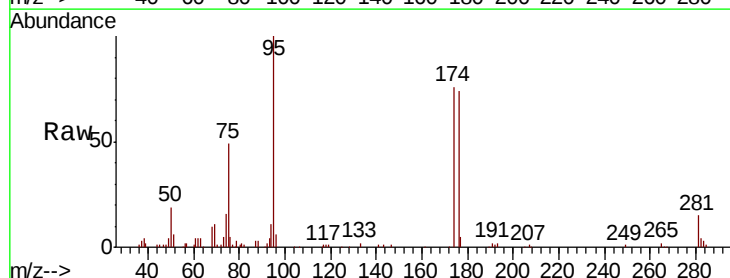
Tgt Ion: 95 Resp: 29784

Ion Ratio Lower Upper

95 100

174 75.9 0.0 152.2

176 72.6 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

25000

20000

15000

10000

5000

0

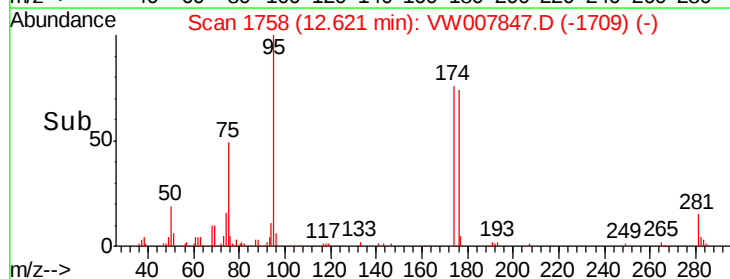
12.55

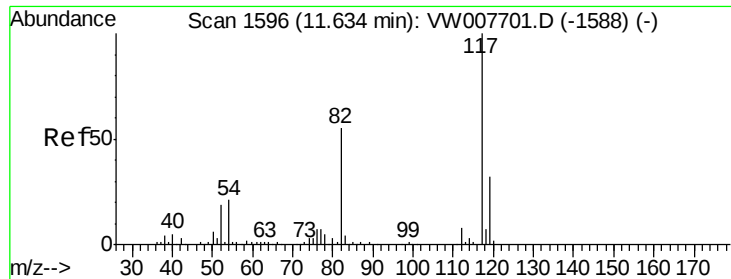
12.60

12.65

12.70

Time-->

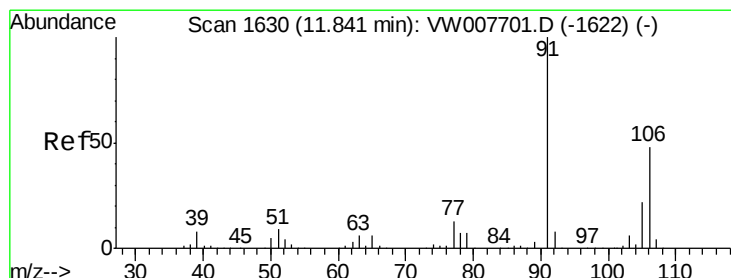
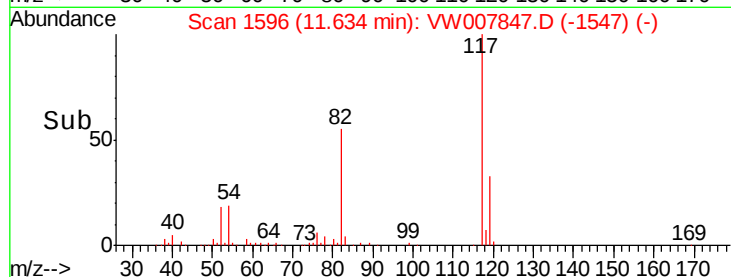
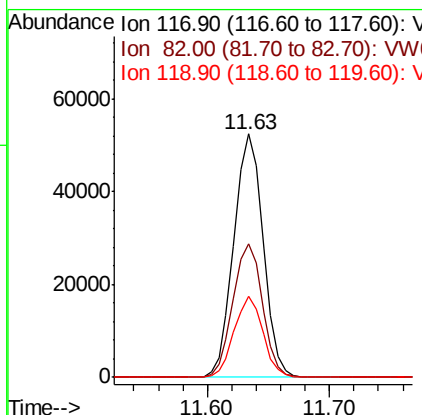
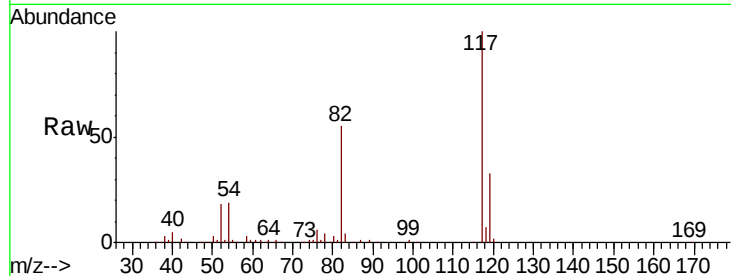




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007847.D
Acq: 22 Dec 2018 17:10

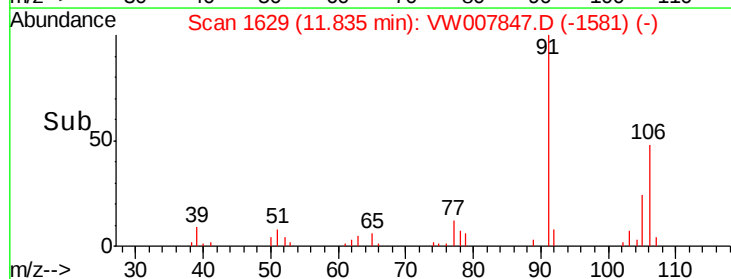
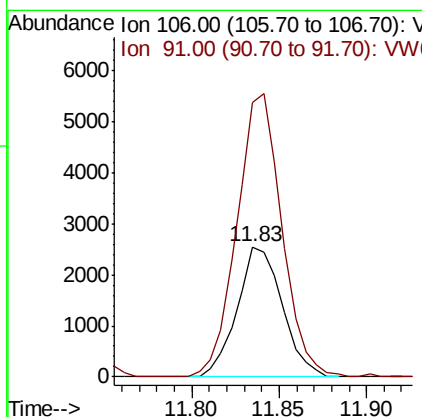
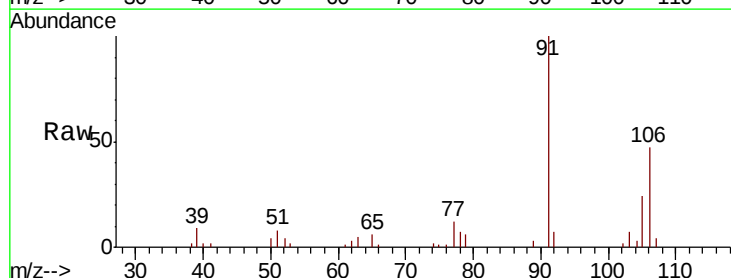
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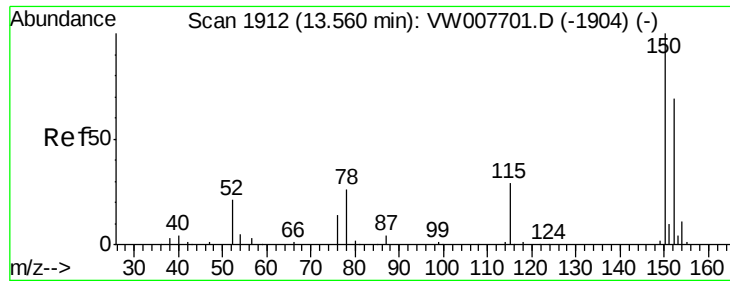
Tgt Ion:117 Resp: 86775
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 33.2 25.7 38.5



#68
m/p-Xylenes
Concen: 3.647 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007847.D
Acq: 22 Dec 2018 17:10

Tgt Ion:106 Resp: 4560
Ion Ratio Lower Upper
106 100
91 217.3 165.2 247.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007847.D

Acq: 22 Dec 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD007-0006-01RE

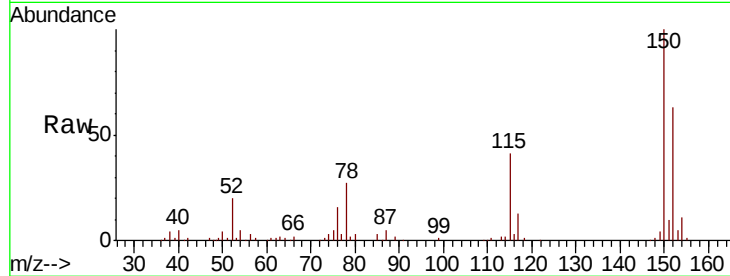
Tgt Ion:152 Resp: 22067

Ion Ratio Lower Upper

152 100

115 63.9 31.8 95.4

150 159.5 0.0 350.8

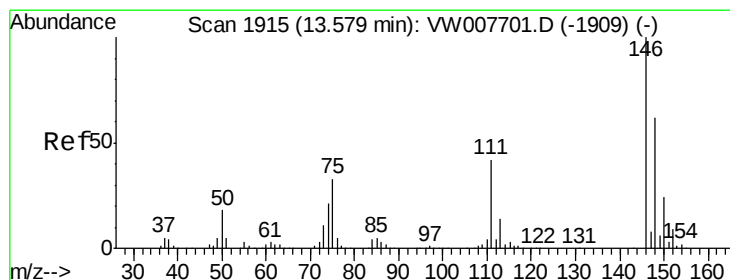
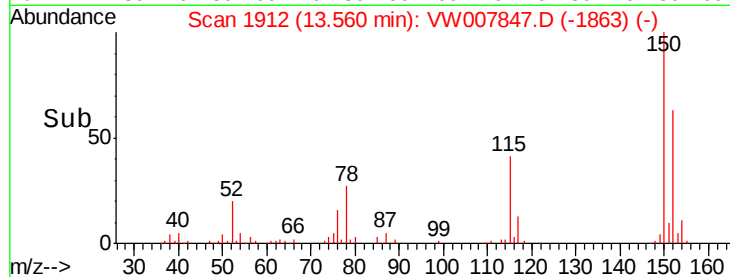
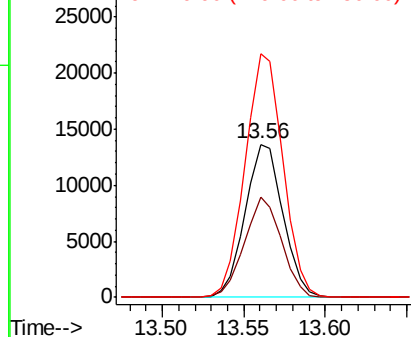


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 1.166 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007847.D

Acq: 22 Dec 2018 17:10

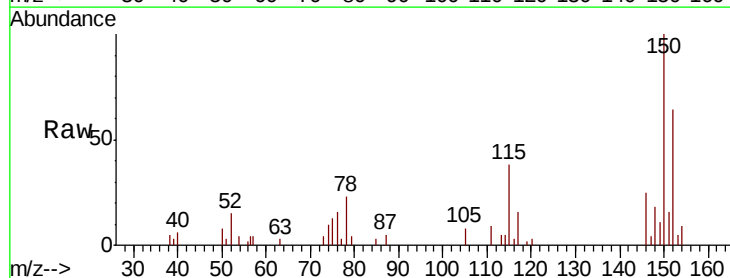
Tgt Ion:146 Resp: 885

Ion Ratio Lower Upper

146 100

111 82.1 21.0 63.0#

148 89.7 31.8 95.4



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

