

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007861.D
 Acq On : 22 Dec 2018 23:13
 Operator : SY/AP
 Sample : J6511-03
 Misc : 6.38G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-59(0-5)-GRAB

Quant Time: Dec 24 03:45:35 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

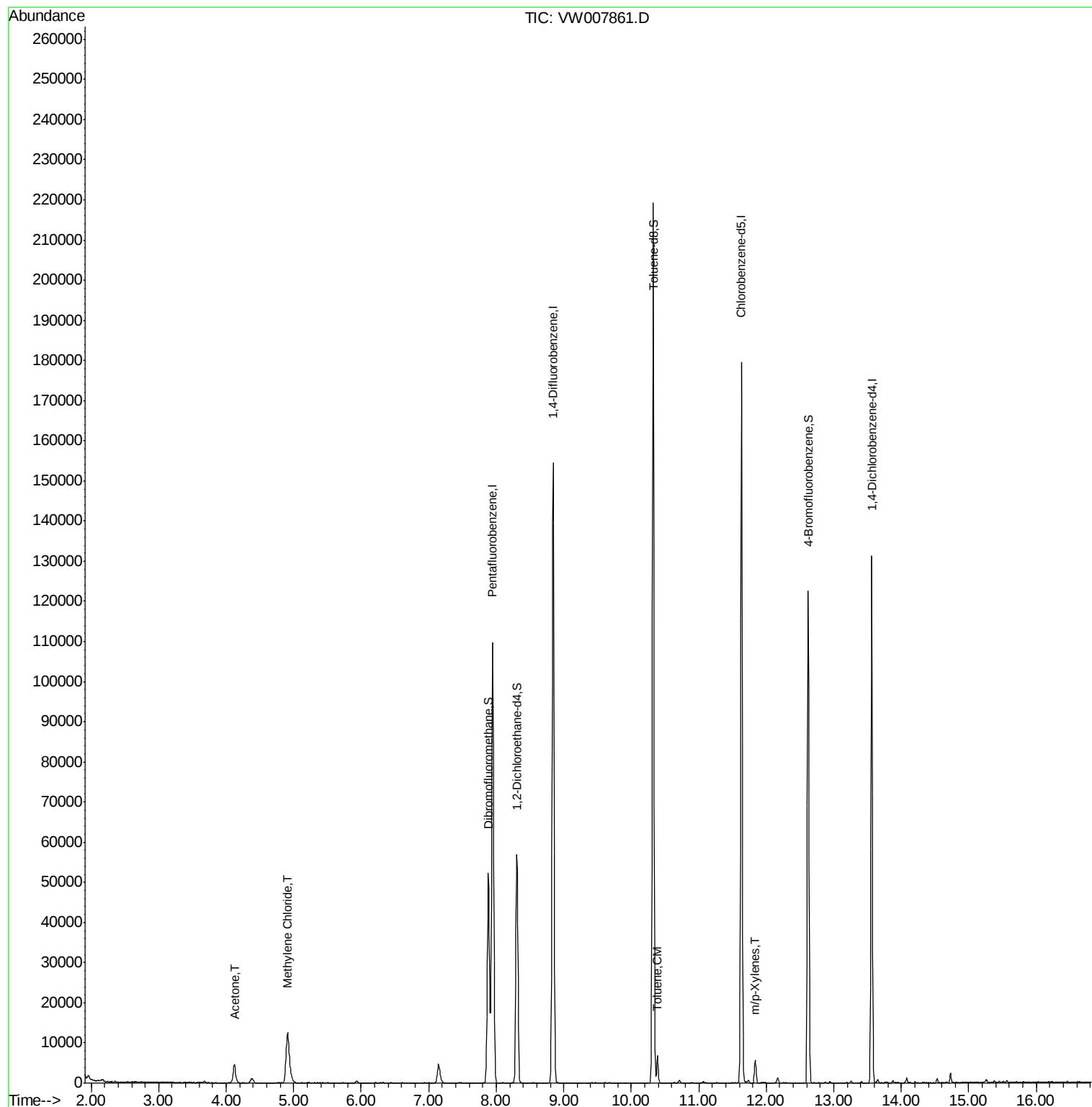
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47200	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	7.88	113	39061	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	10.32	98	145156	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	12.62	95	43043	35.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.94%	
Target Compounds						
16) Acetone	4.12	43	8339	49.820	ug/l	98
20) Methylene Chloride	4.91	84	11490	8.492	ug/l	98
52) Toluene	10.38	92	3160	1.358	ug/l	94
68) m/p-Xylenes	11.84	106	1868	1.266	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

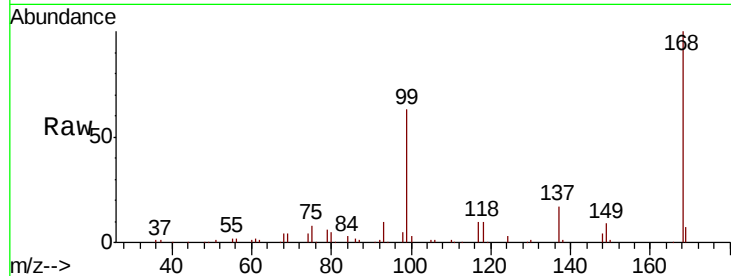
SB-59(0-5)-GRAB

Tgt Ion:168 Resp: 81552

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

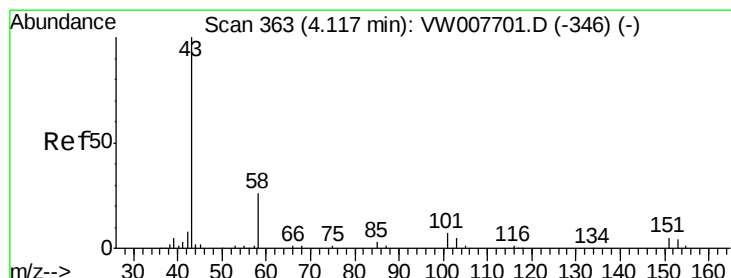
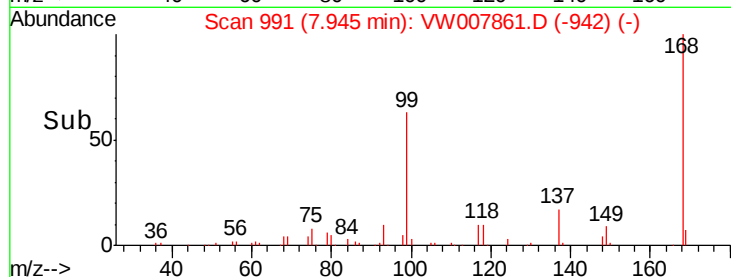
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 49.820 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007861.D

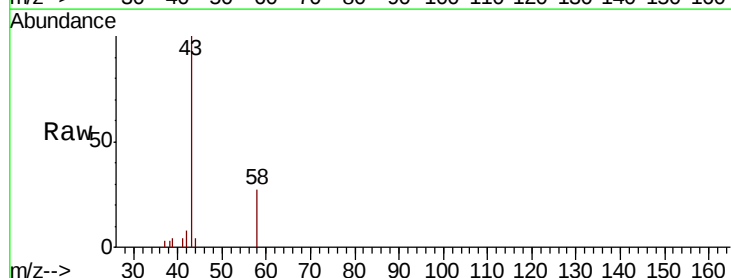
Acq: 22 Dec 2018 23:13

Tgt Ion: 43 Resp: 8339

Ion Ratio Lower Upper

43 100

58 27.4 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

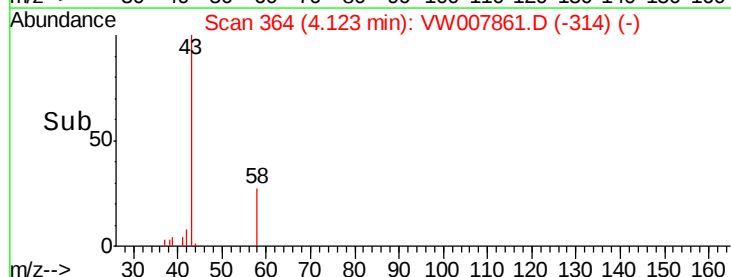
2000

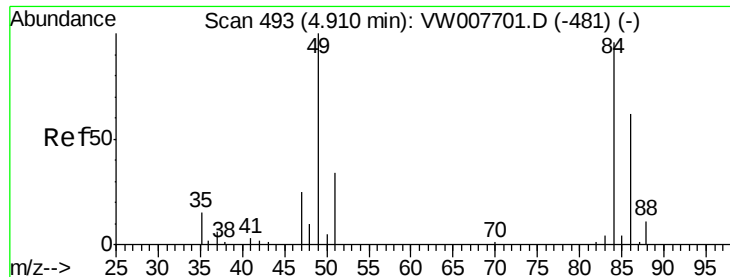
1000

0

4.00 4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 8.492 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007861.D

Acq: 22 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

SB-59(0-5)-GRAB

Tgt Ion: 84 Resp: 11490

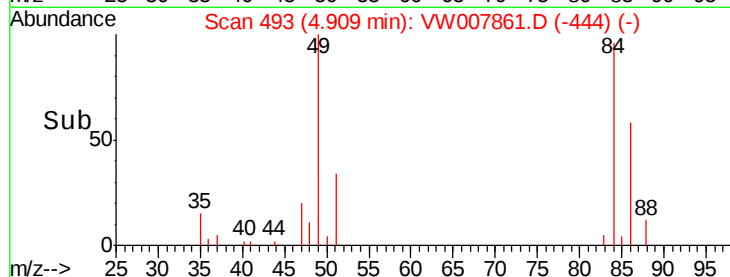
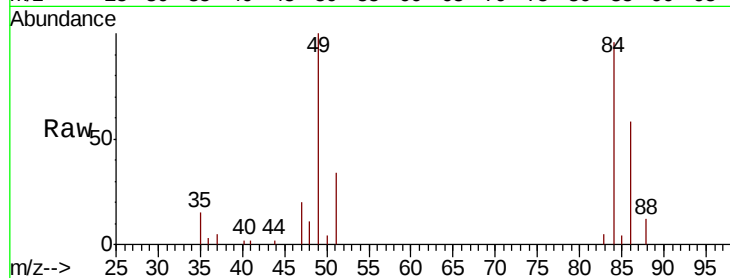
Ion Ratio Lower Upper

84 100

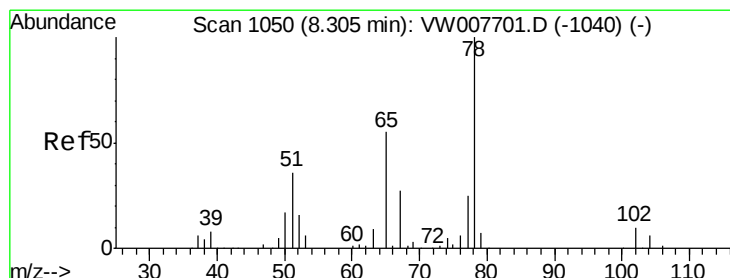
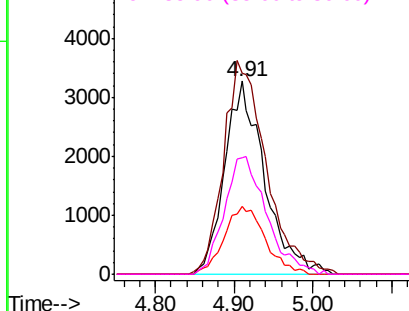
49 104.5 83.7 125.5

51 35.4 28.2 42.2

86 60.1 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007861.D

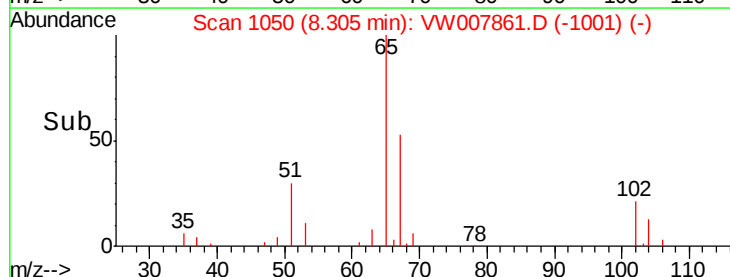
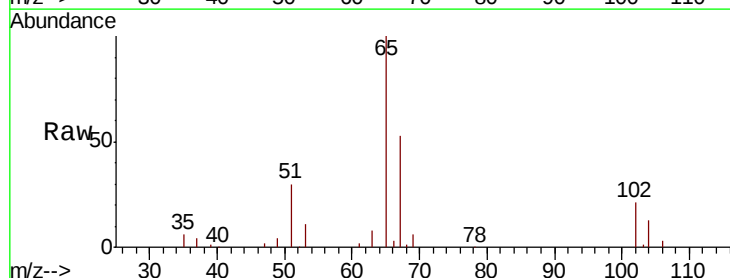
Acq: 22 Dec 2018 23:13

Tgt Ion: 65 Resp: 47200

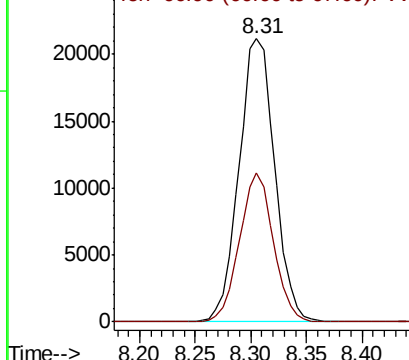
Ion Ratio Lower Upper

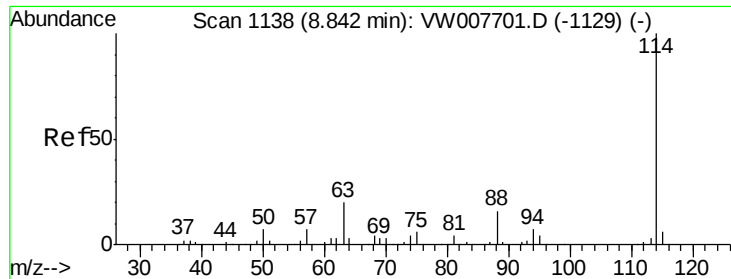
65 100

67 49.8 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

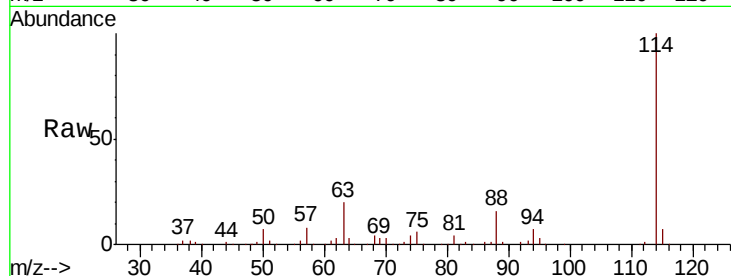




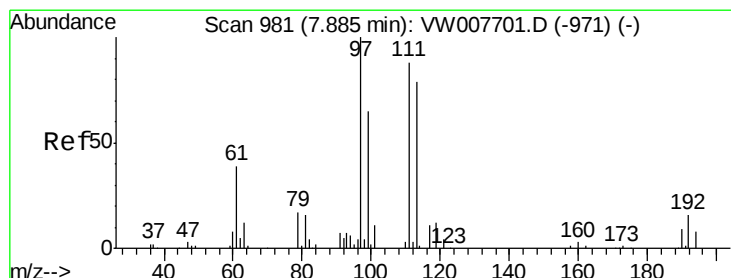
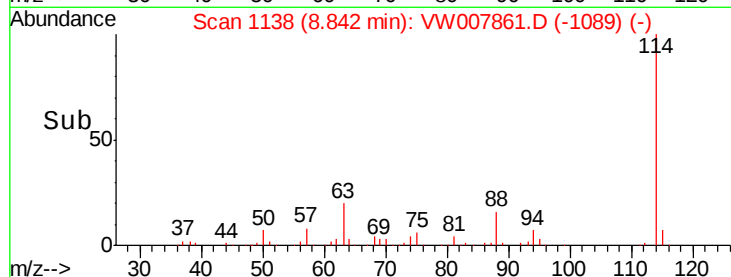
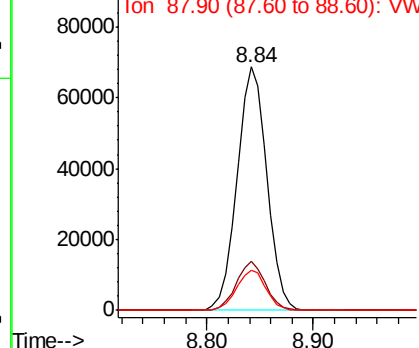
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
SB-59(0-5)-GRAB

Tgt Ion:114 Resp: 134670
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 16.4 0.0 32.6

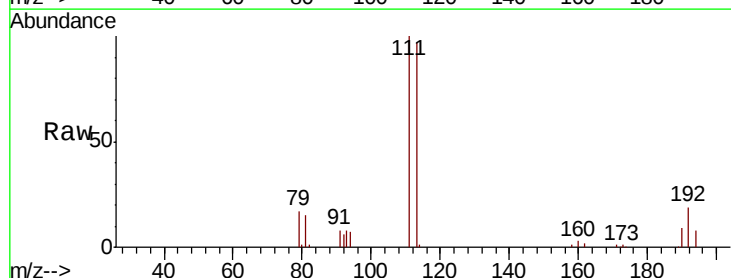


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

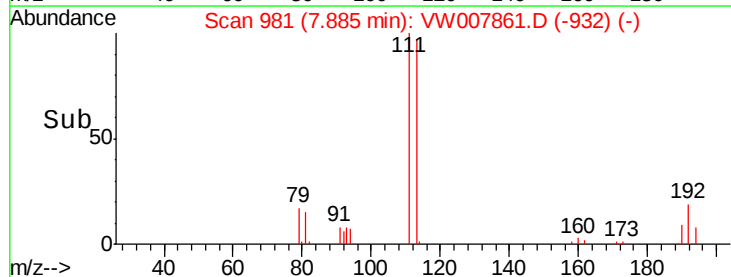
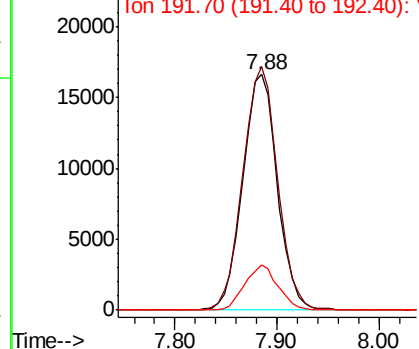


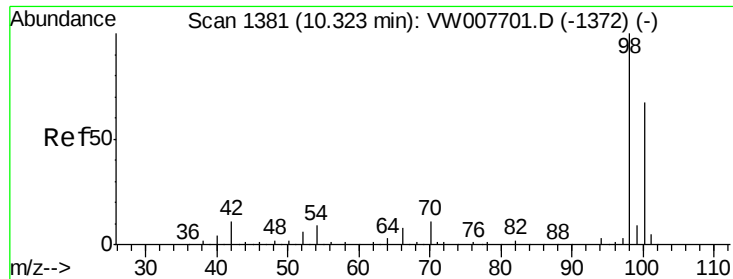
#35
Dibromofluoromethane
Concen: 47.545 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Tgt Ion:113 Resp: 39061
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.5 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

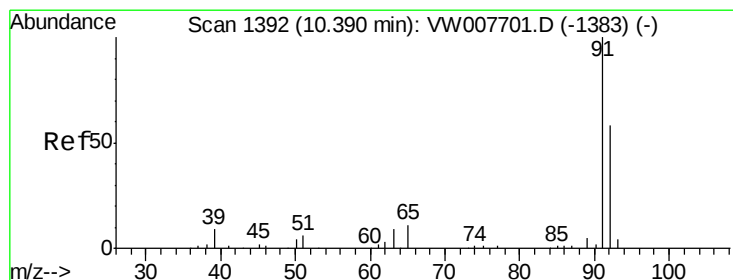
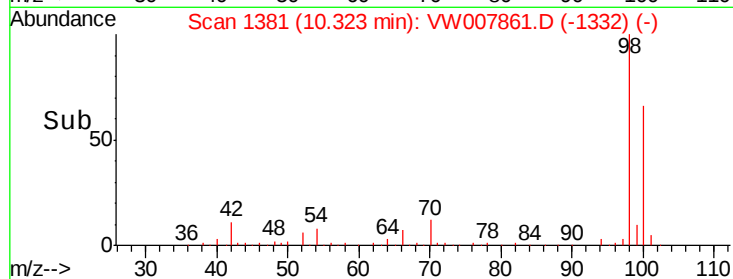
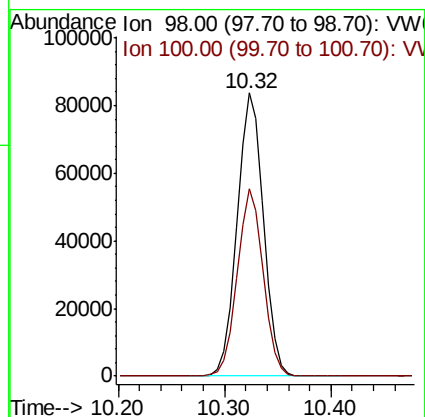
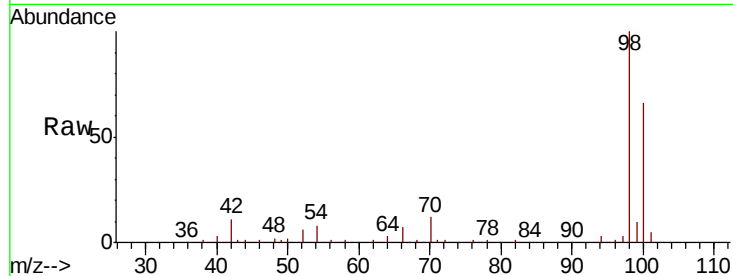




#50
Toluene-d8
Concen: 46.868 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

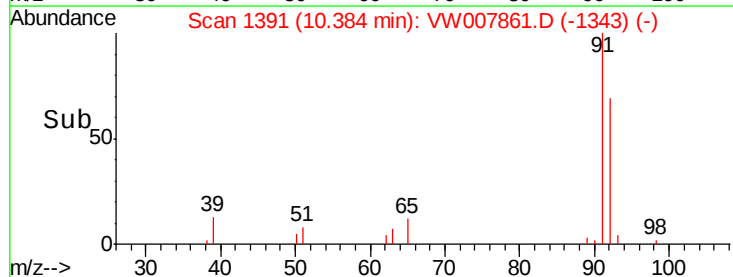
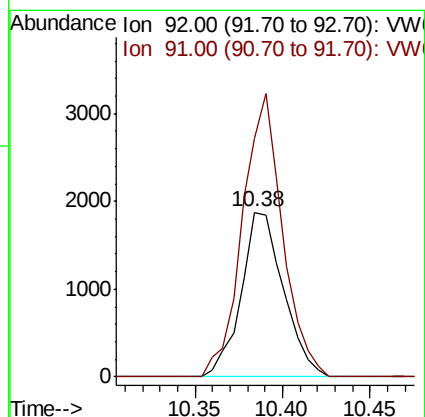
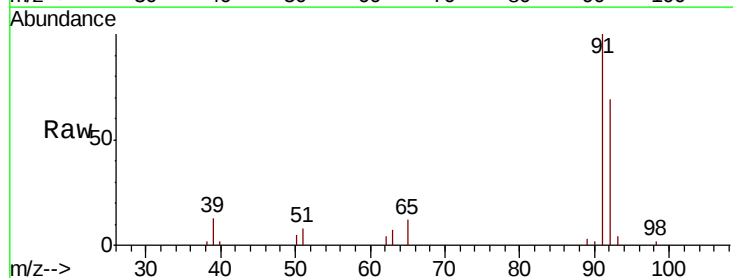
Instrument :
MSVOA_W
ClientSampleId :
SB-59(0-5)-GRAB

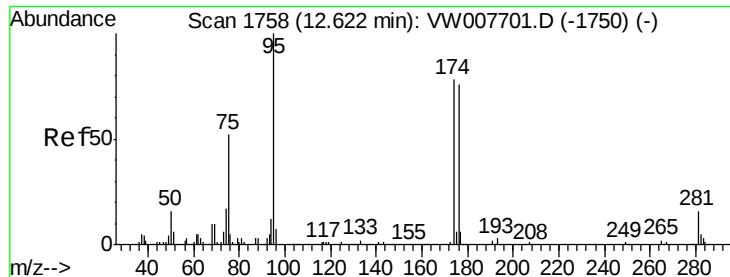
Tgt Ion: 98 Resp: 145156
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#52
Toluene
Concen: 1.358 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Tgt Ion: 92 Resp: 3160
Ion Ratio Lower Upper
92 100
91 162.6 137.0 205.4

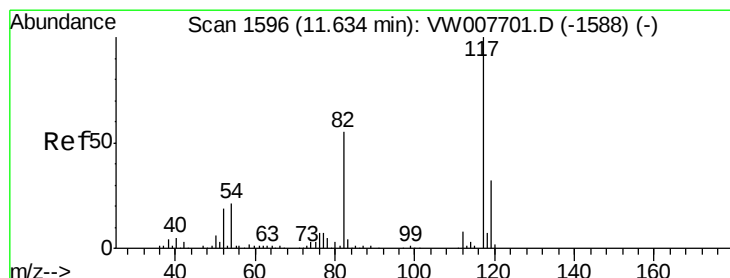
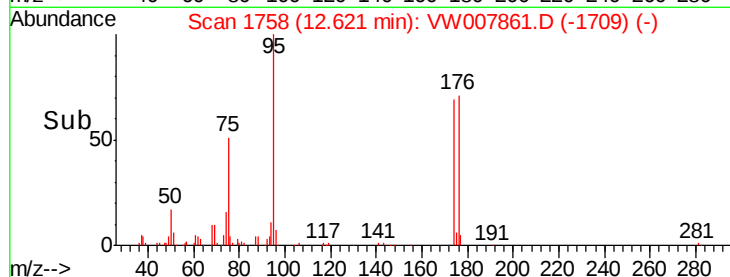
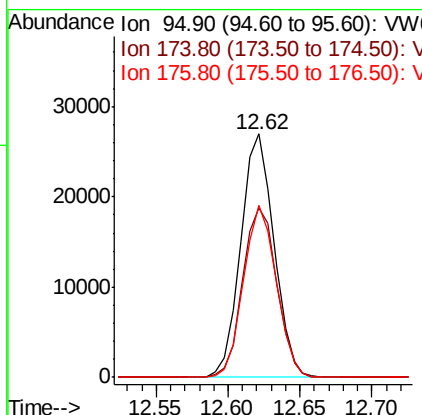
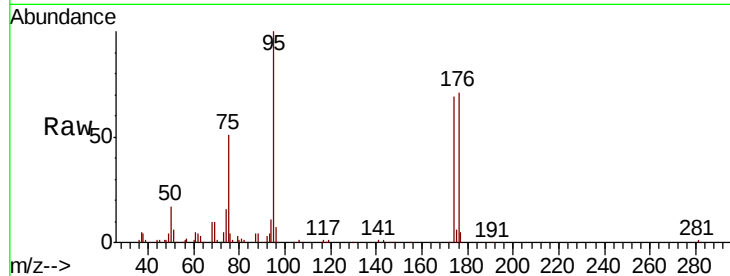




#62
4-Bromofluorobenzene
Concen: 35.974 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

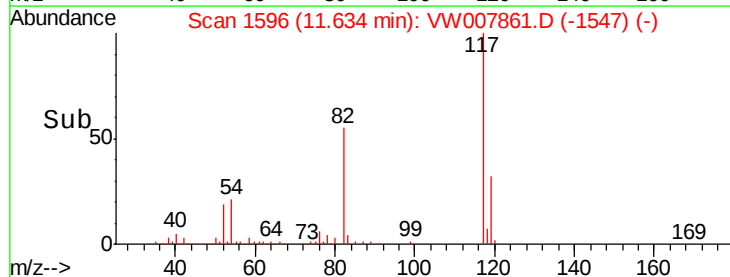
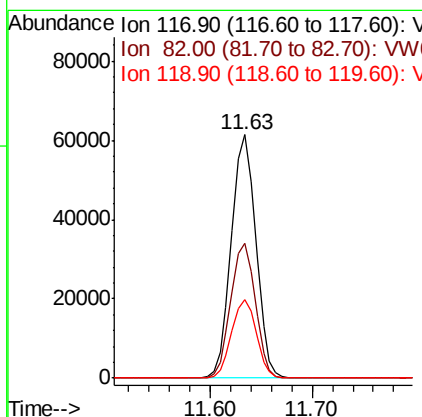
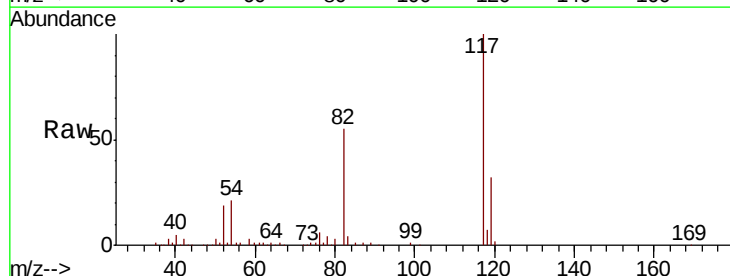
Instrument :
MSVOA_W
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SB-59(0-5)-GRAB

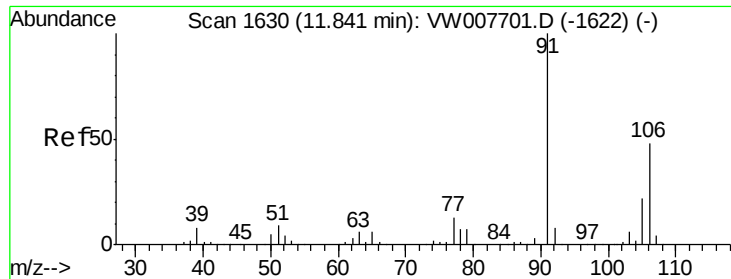
Tgt Ion: 95 Resp: 43043
Ion Ratio Lower Upper
95 100
174 71.5 0.0 152.2
176 69.6 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Tgt Ion: 117 Resp: 102426
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.1 25.7 38.5

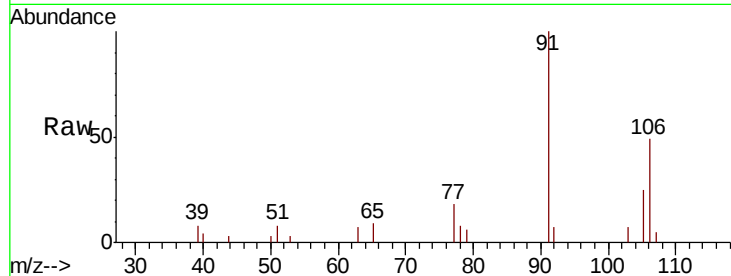




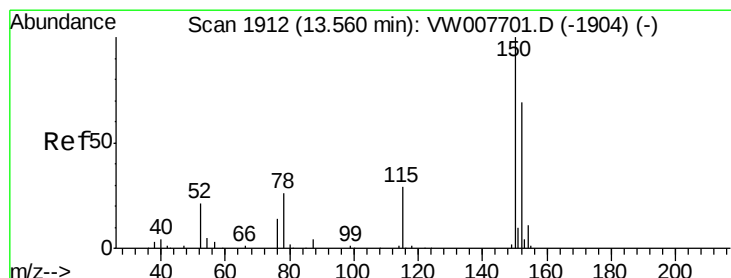
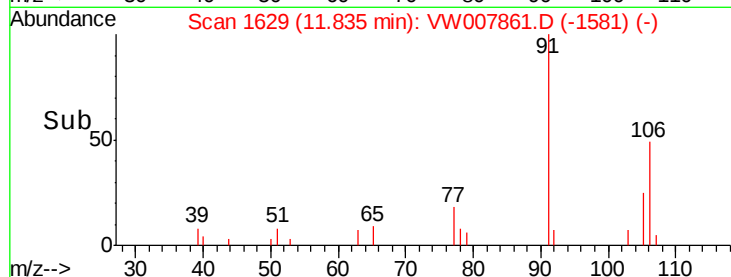
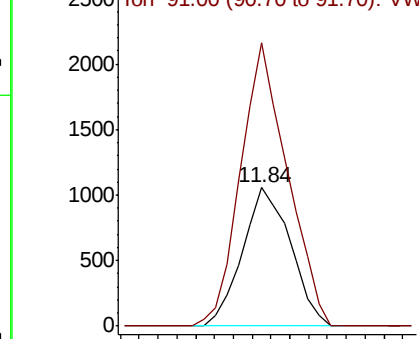
#68
m/p-Xylenes
Concen: 1.266 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
SB-59(0-5)-GRAB

Tgt Ion:106 Resp: 1868
Ion Ratio Lower Upper
106 100
91 199.0 165.2 247.8

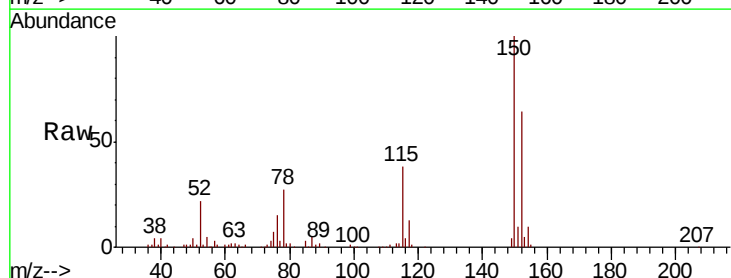


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Tgt Ion:152 Resp: 33408
Ion Ratio Lower Upper
152 100
115 63.2 31.8 95.4
150 155.9 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

