

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 23 23:57:49 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	47200	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
35) Dibromofluoromethane	7.88	113	39061	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	10.32	98	145156	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	12.62	95	43043	35.97	ug/l	0.00
Spiked Amount			Recovery	=	71.94%	

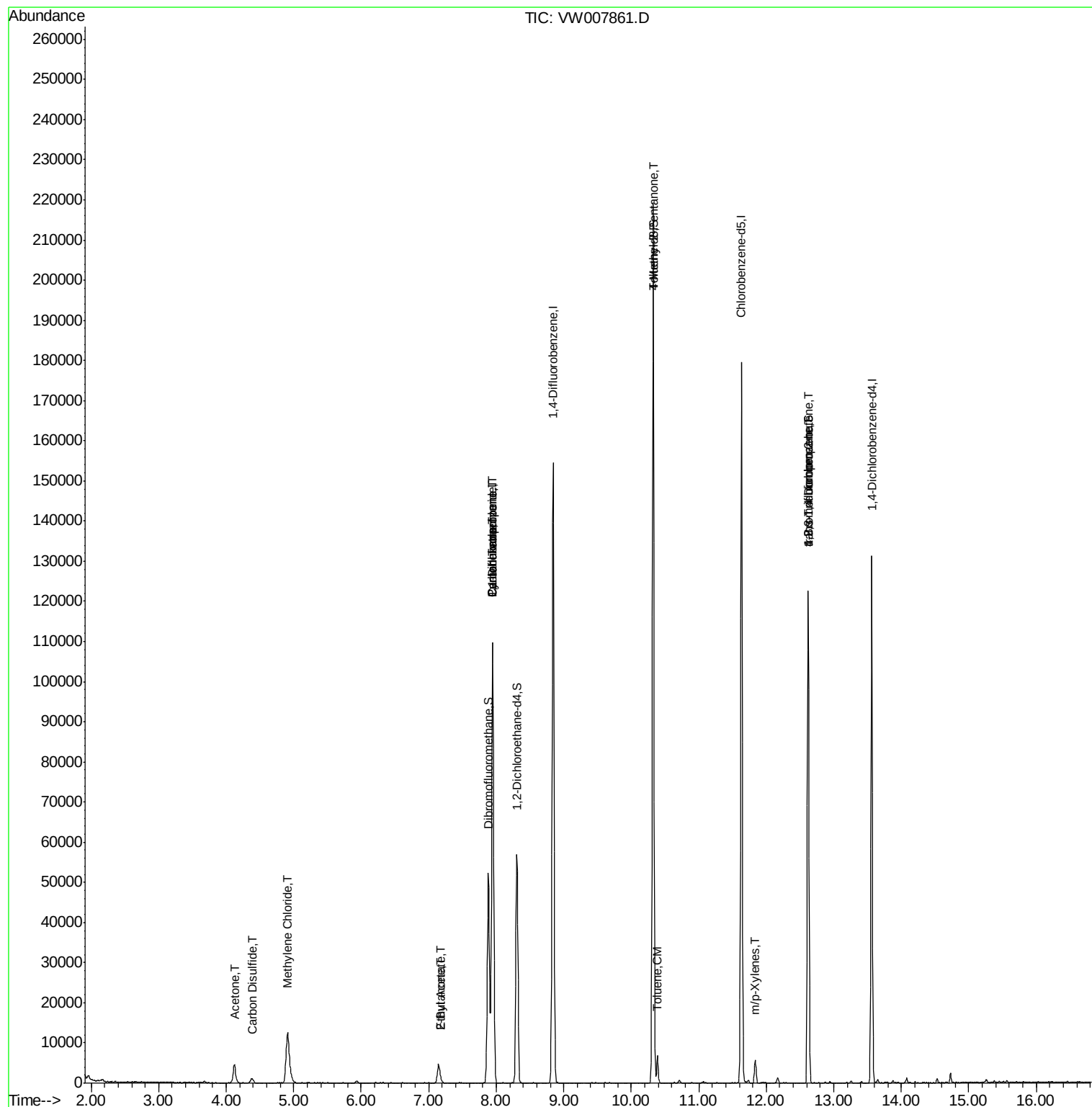
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	8339	49.820	ug/l	98
17) Carbon Disulfide	4.39	76	2613	1.049	ug/l #	75
20) Methylene Chloride	4.91	84	11490	8.492	ug/l	98
25) 2-Butanone	7.18	43	645	3.290	ug/l #	44
31) Cyclohexane	7.95	56	1573	1.182	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	6181	4.755	ug/l #	52
37) Ethyl Acetate	7.18	43	645	1.438	ug/l #	68
38) Carbon Tetrachloride	7.95	117	8347	5.453	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	658	1.549	ug/l #	1
52) Toluene	10.38	92	3160	1.358	ug/l	94
68) m/p-Xylenes	11.84	106	1868	1.266	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	21874	84.713	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21874	177.819	ug/l #	9

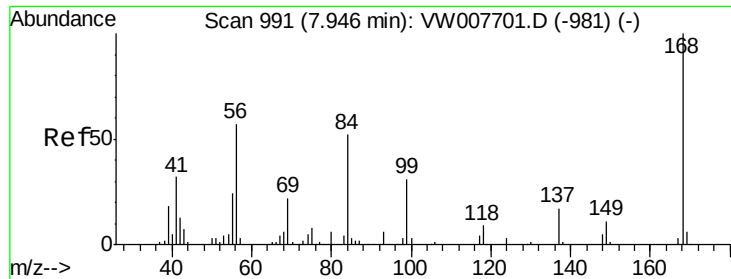
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007861.D

Acq: 22 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

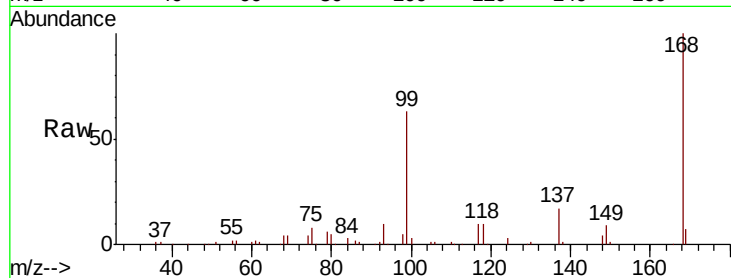
SB-59(0-5)-GRAB

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): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

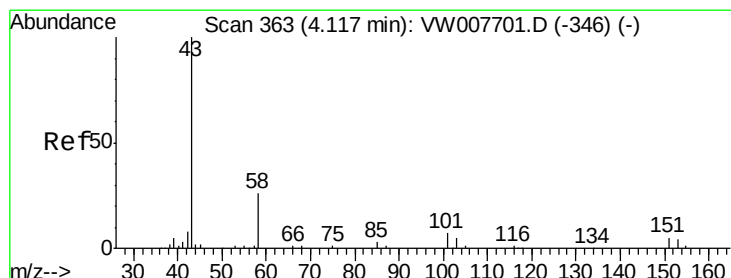
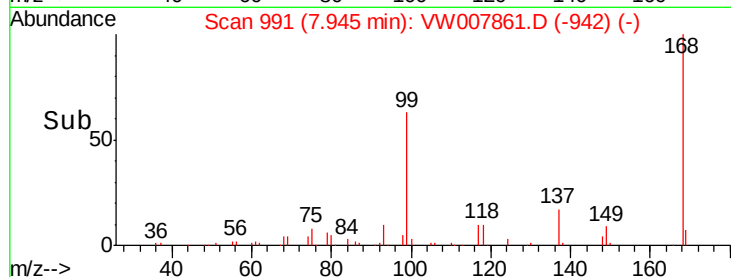
20000

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

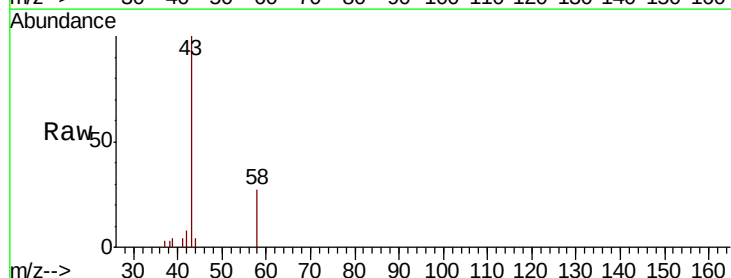
Acq: 22 Dec 2018 23:13

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

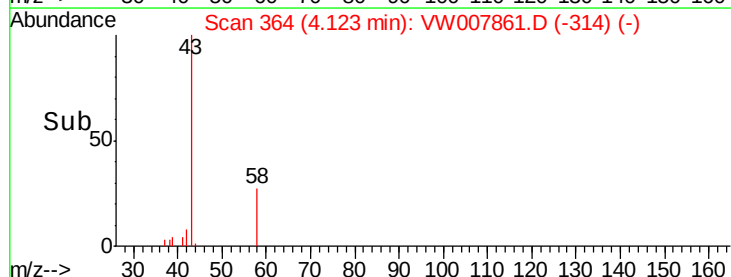
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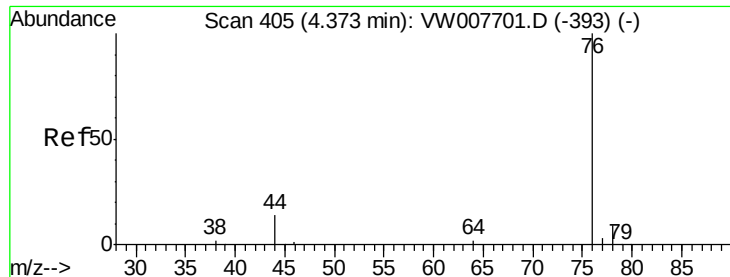
1000

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 1.049 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW007861.D

Acq: 22 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

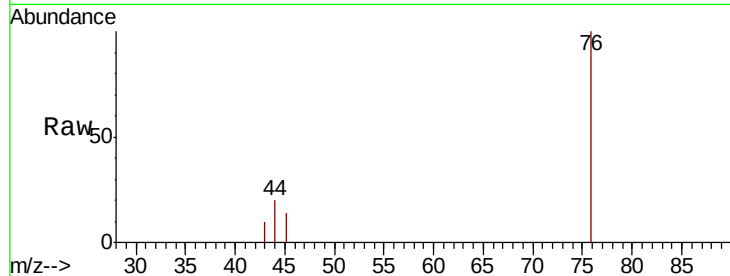
SB-59(0-5)-GRAB

Tgt Ion: 76 Resp: 2613

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

800

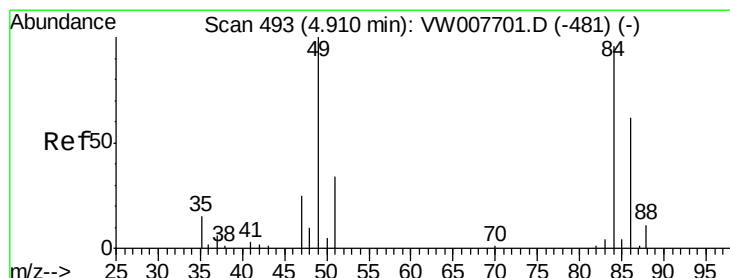
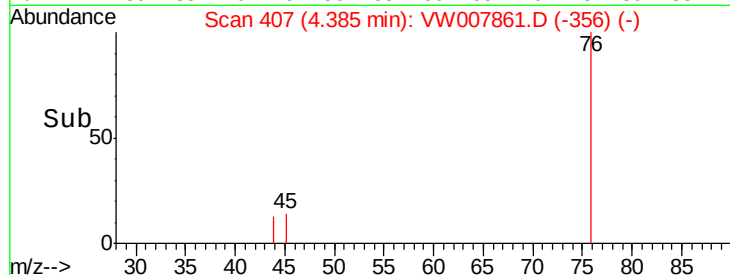
600

400

200

0

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

Tgt Ion: 84 Resp: 11490

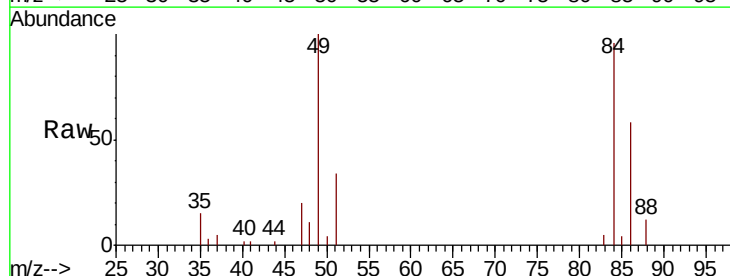
Ion Ratio Lower Upper

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

5000

4000

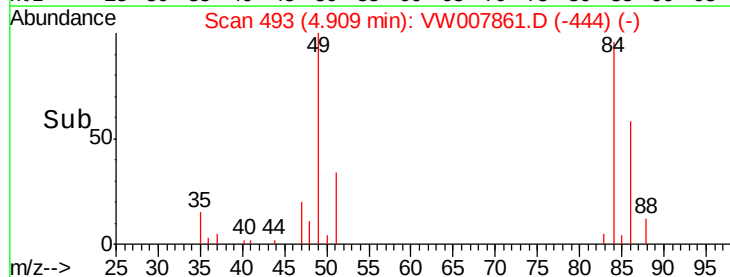
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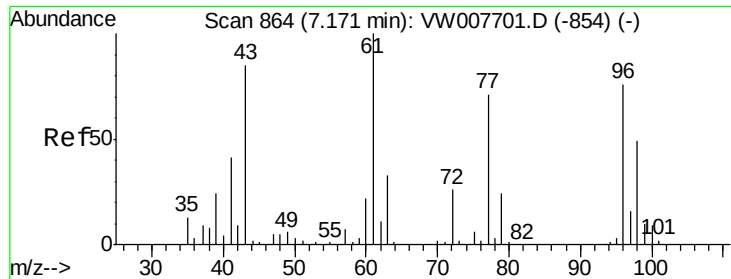
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1000

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Time-->

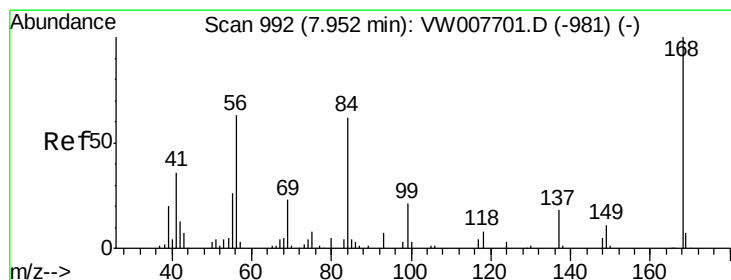
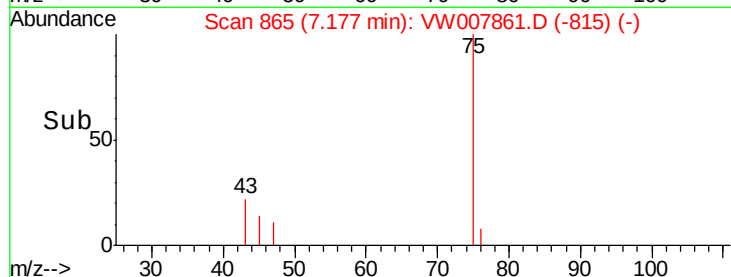
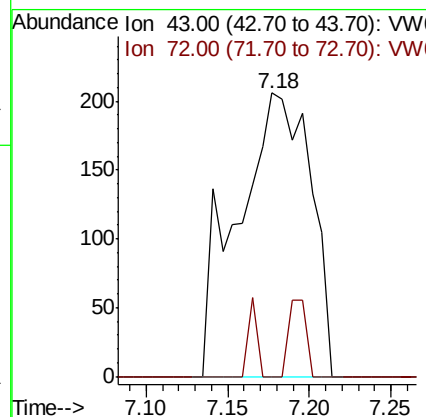
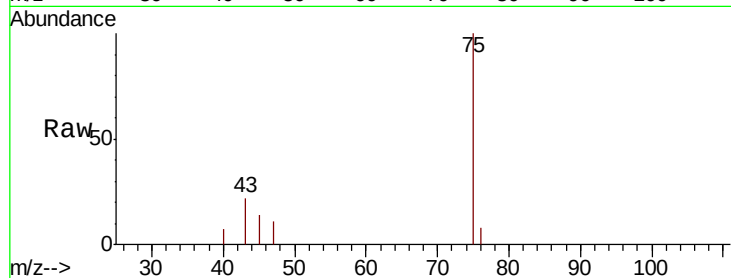




#25
2-Butanone
Concen: 3.290 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

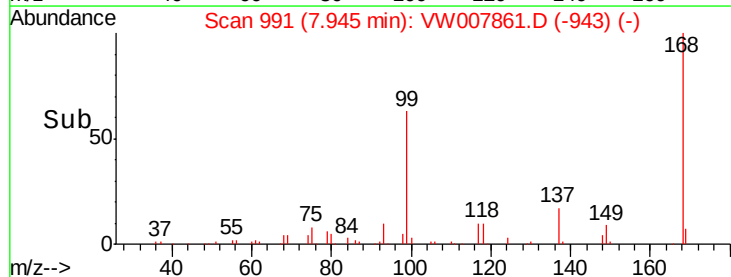
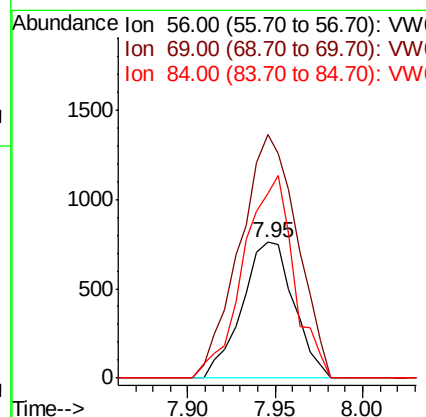
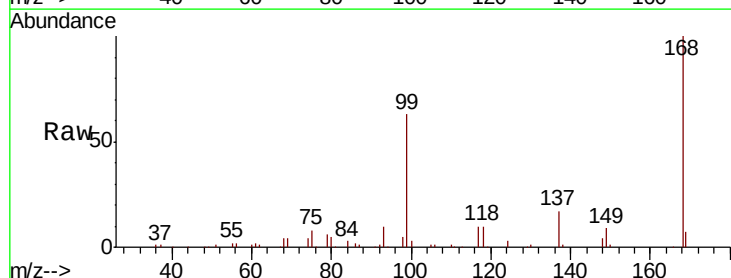
Instrument :
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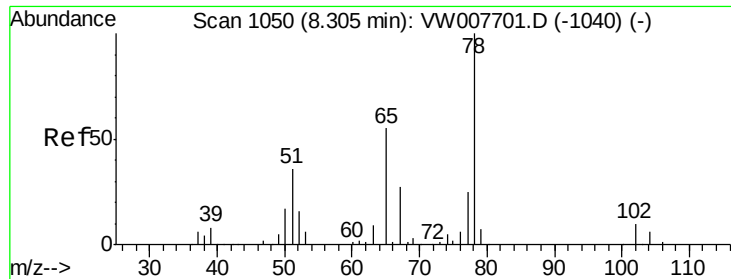
Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Tgt Ion: 56 Resp: 1573
Ion Ratio Lower Upper
56 100
69 179.1 29.7 44.5#
84 135.7 78.9 118.3#

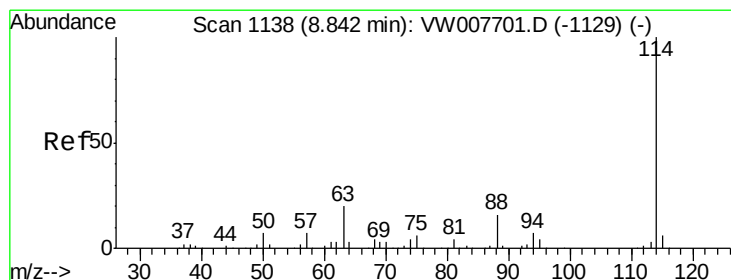
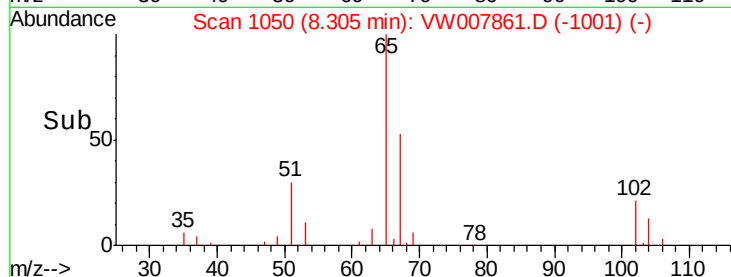
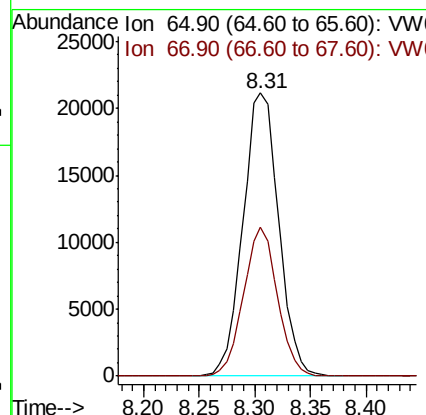
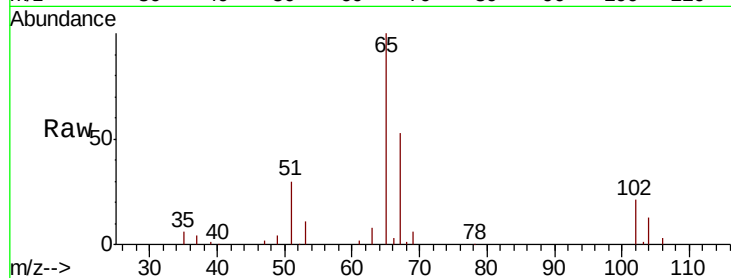




#33
 1,2-Dichloroethane-d4
 Concen: 52.806 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007861.D
 Acq: 22 Dec 2018 23:13

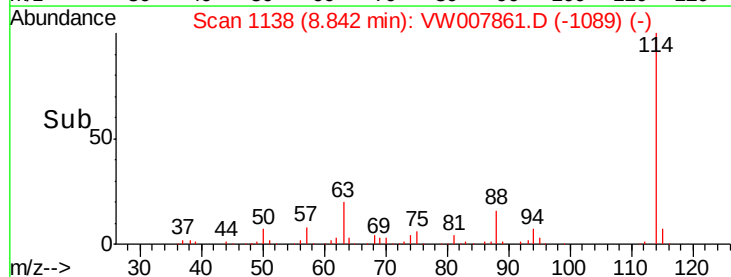
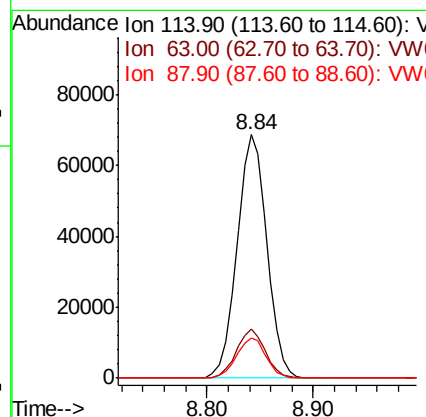
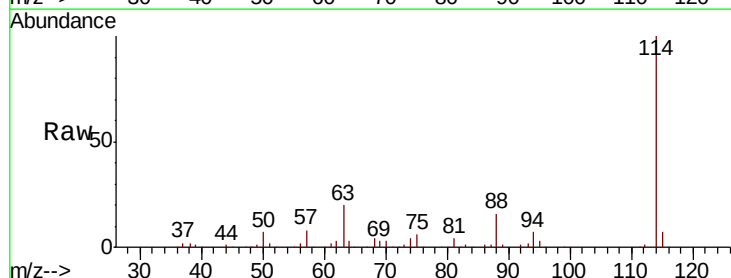
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-59(0-5)-GRAB

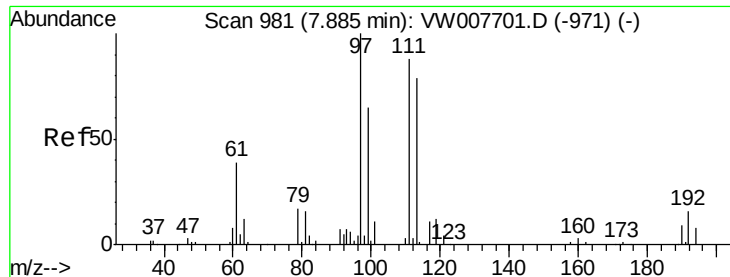
Tgt Ion: 65 Resp: 47200
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.6



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

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

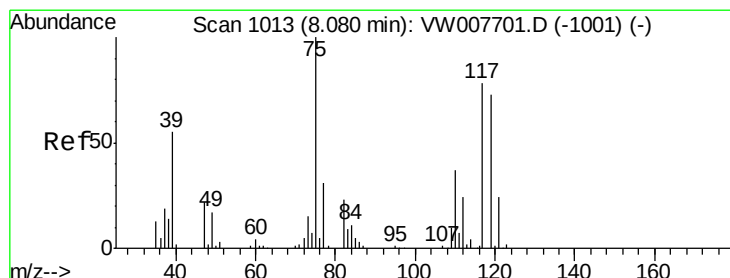
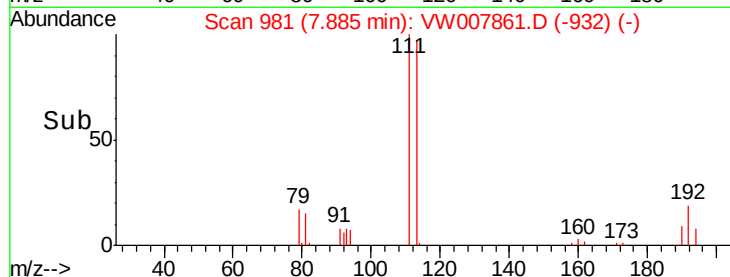
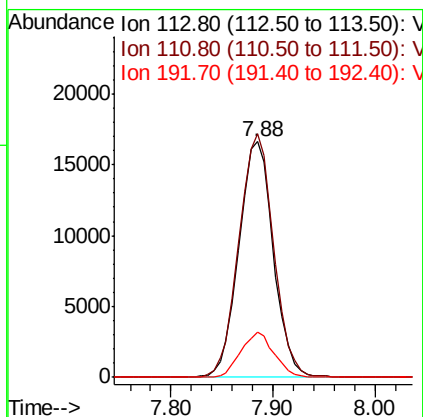
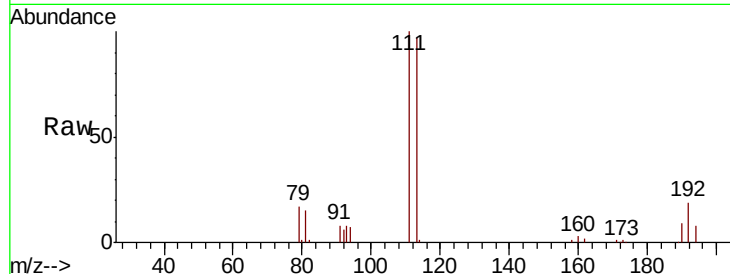




#35
 Dibromofluoromethane
 Concen: 47.545 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007861.D
 Acq: 22 Dec 2018 23:13

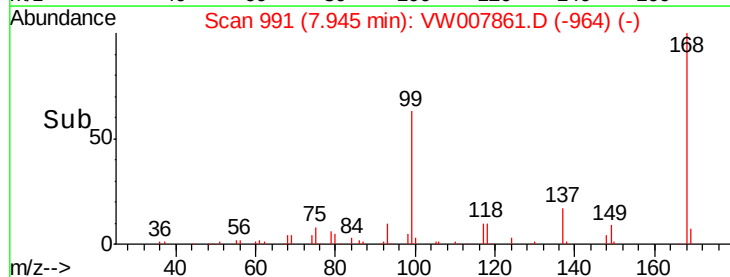
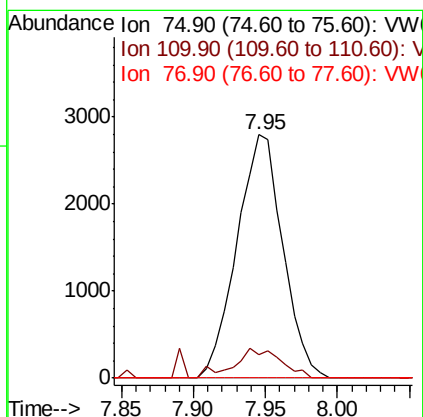
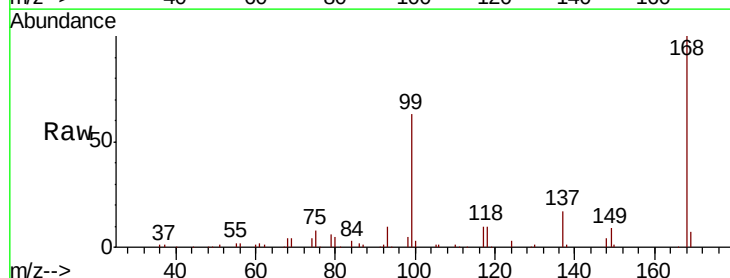
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 SB-59(0-5)-GRAB

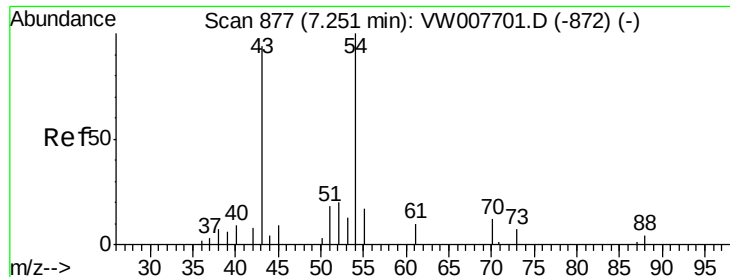
Tgt Ion: 113 Resp: 39061
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 124.0
 192 18.5 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.755 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007861.D
 Acq: 22 Dec 2018 23:13

Tgt Ion: 75 Resp: 6181
 Ion Ratio Lower Upper
 75 100
 110 12.3 18.6 55.8#
 77 0.0 25.0 37.4#

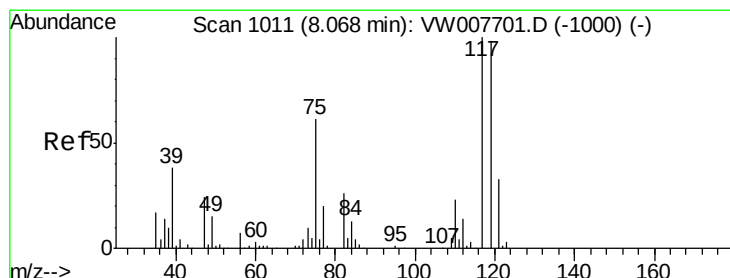
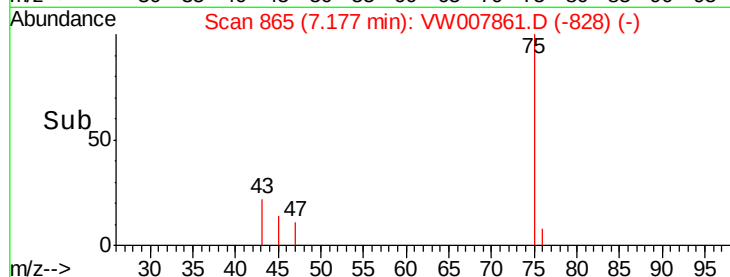
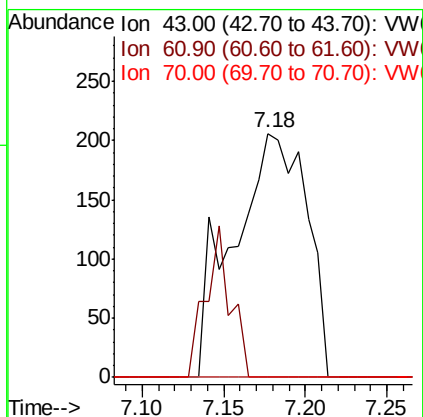
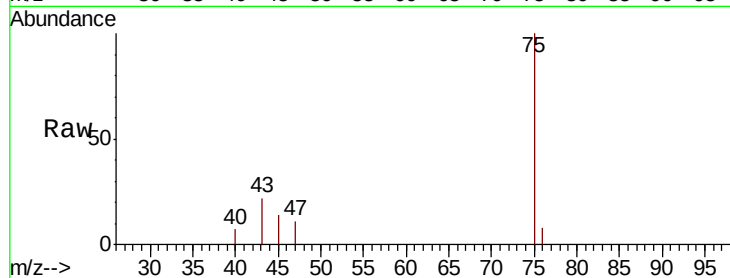




#37
Ethyl Acetate
 Concen: 1.438 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW007861.D
 Acq: 22 Dec 2018 23:13

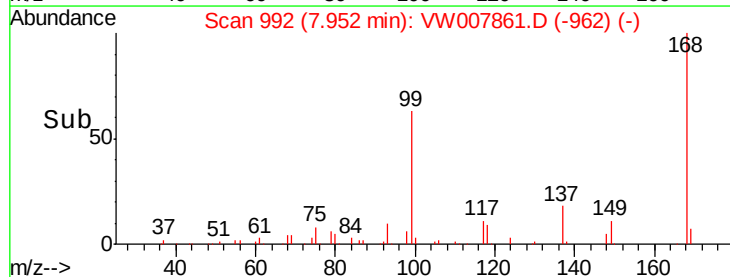
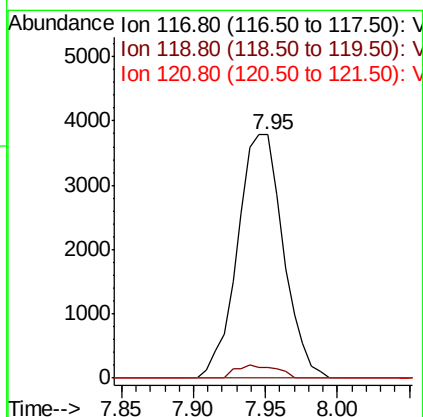
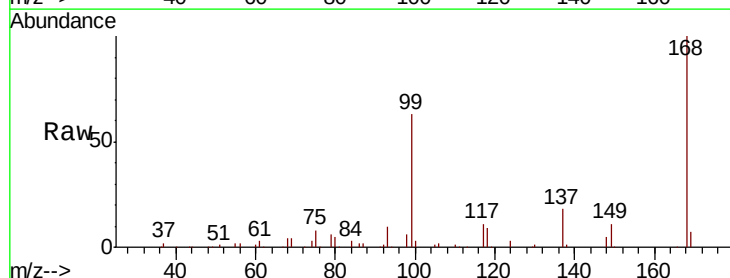
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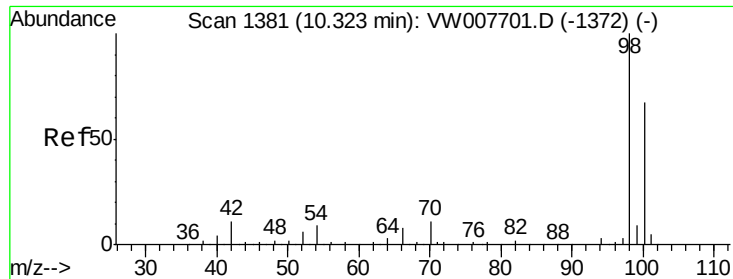
Tgt Ion: 43 Resp: 645
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.2 16.8#
 70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
 Concen: 5.453 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007861.D
 Acq: 22 Dec 2018 23:13

Tgt Ion: 117 Resp: 8347
 Ion Ratio Lower Upper
 117 100
 119 4.1 78.2 117.2#
 121 0.0 26.1 39.1#

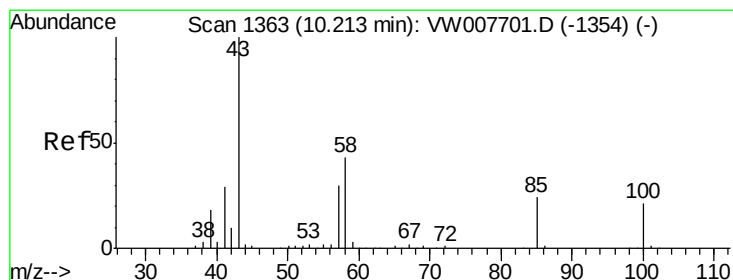
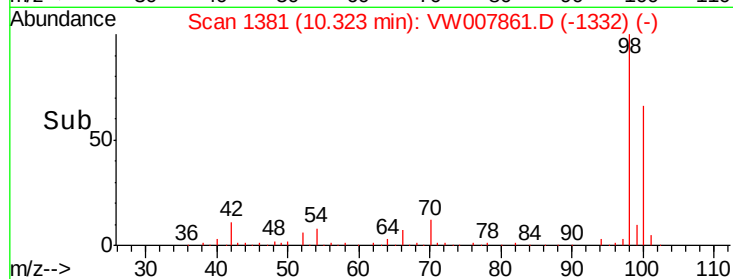
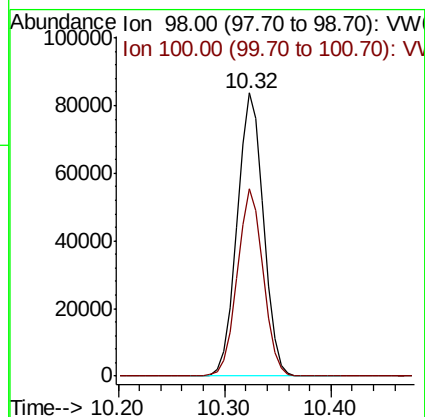
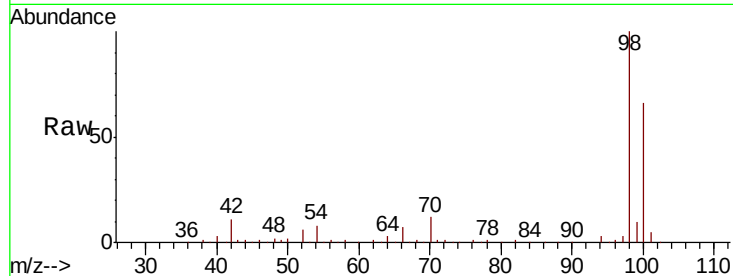




#50
Toluene-d8
Concen: 46.868 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

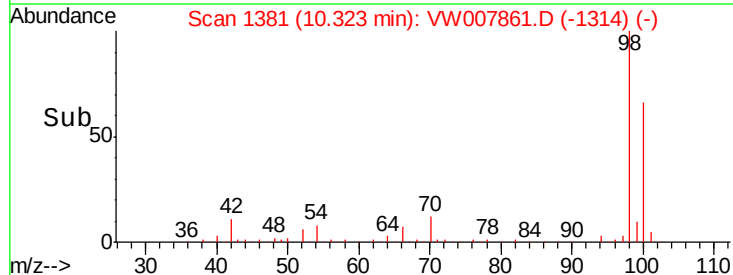
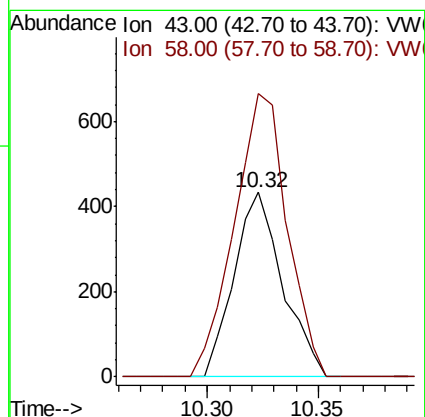
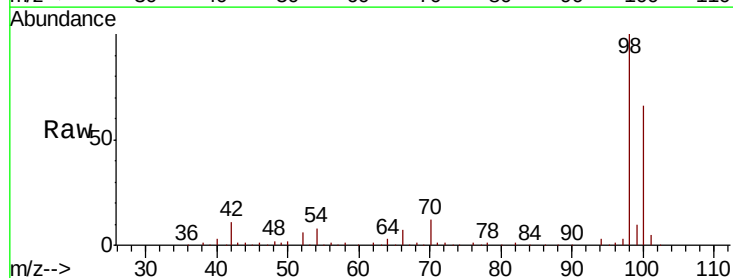
Instrument :
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SB-59(0-5)-GRAB

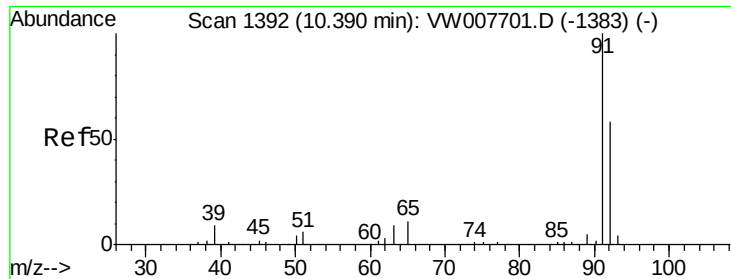
Tgt Ion: 98 Resp: 145156
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.549 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 167.5 33.2 49.8#





#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

Instrument :

MSVOA_W

ClientSampleId :

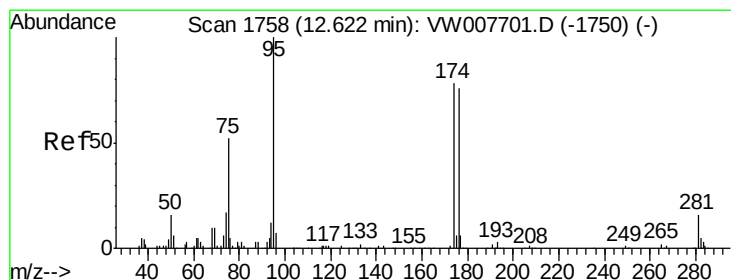
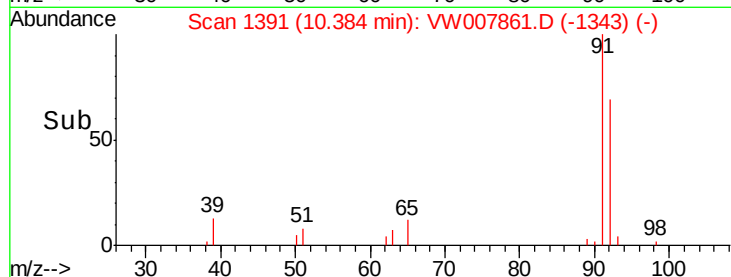
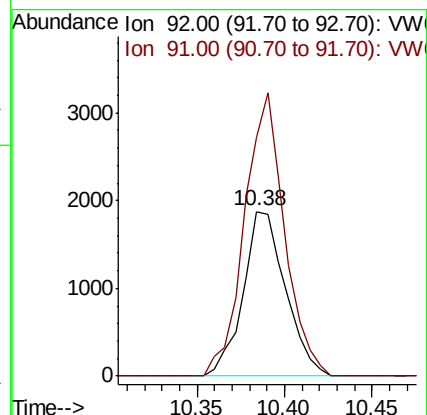
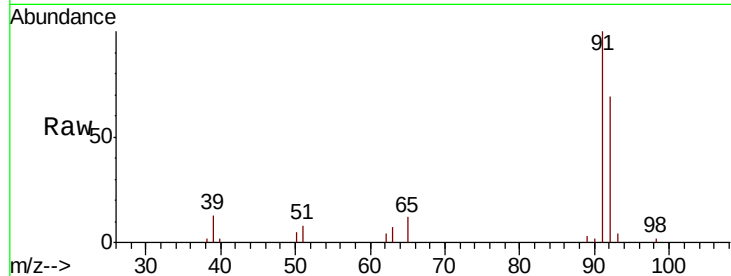
SB-59(0-5)-GRAB

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

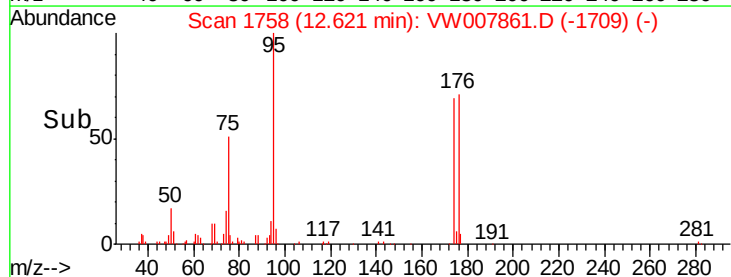
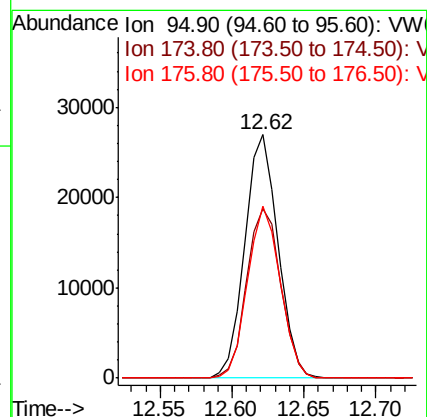
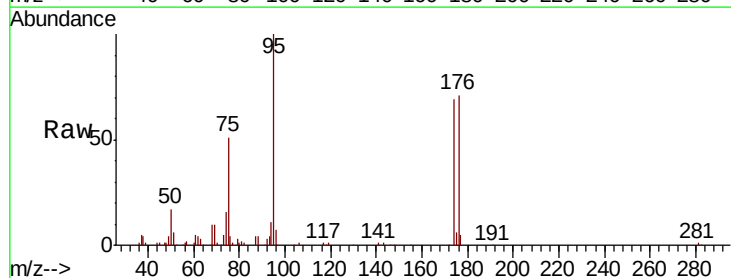
Tgt Ion: 95 Resp: 43043

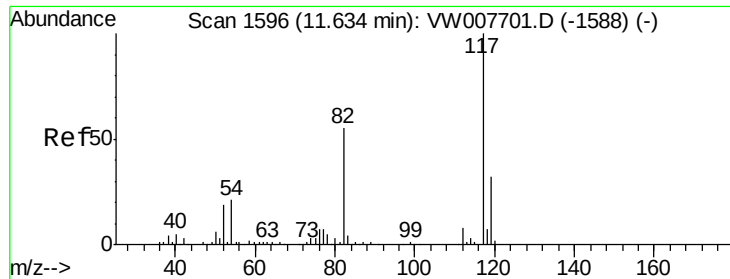
Ion Ratio Lower Upper

95 100

174 71.5 0.0 152.2

176 69.6 0.0 146.8

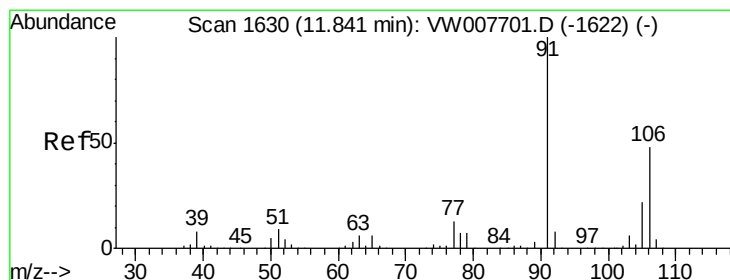
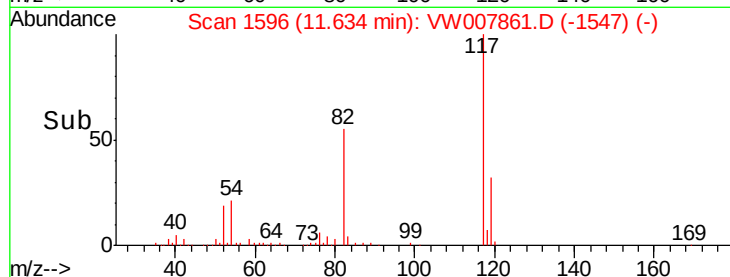
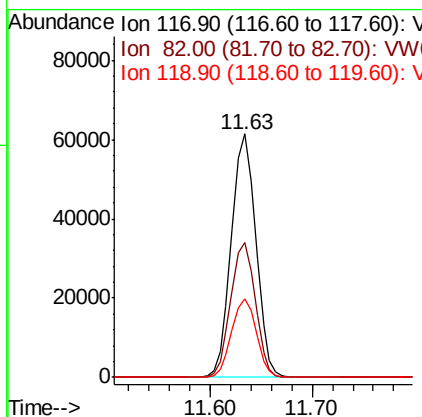
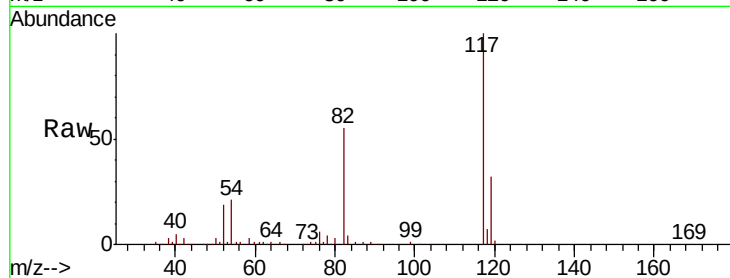




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007861.D
Acq: 22 Dec 2018 23:13

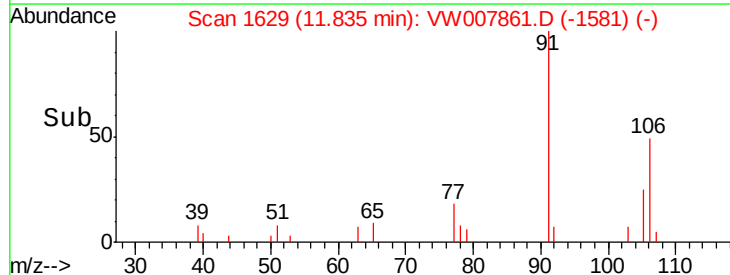
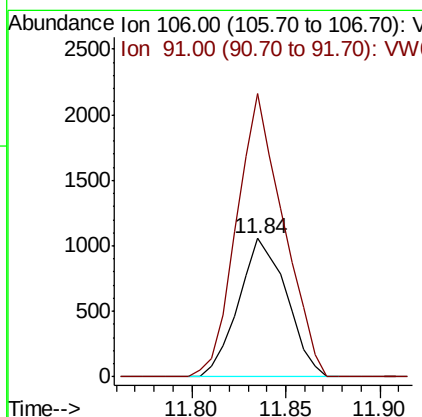
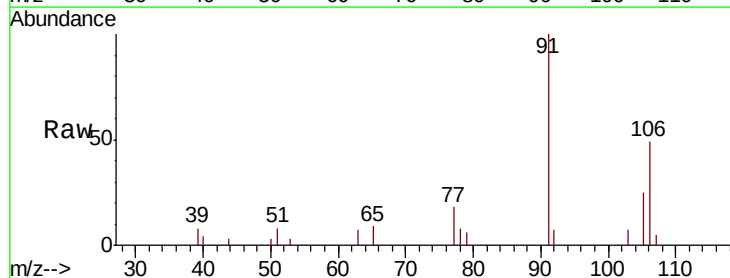
Instrument :
MSVOA_W
ClientSampleId :
SB-59(0-5)-GRAB

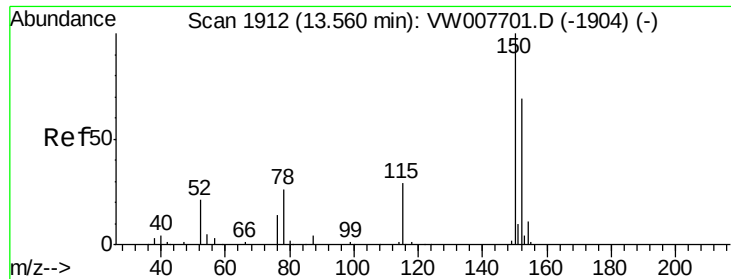
Tgt Ion:117 Resp: 102426
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.1 25.7 38.5



#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

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

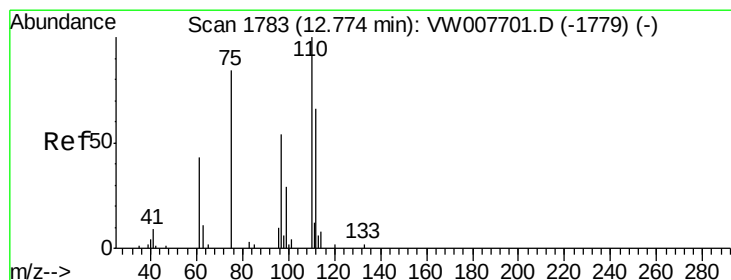
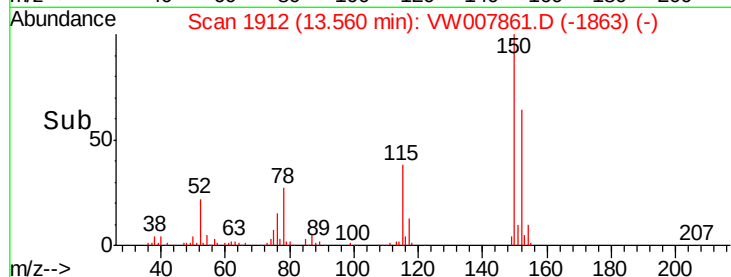
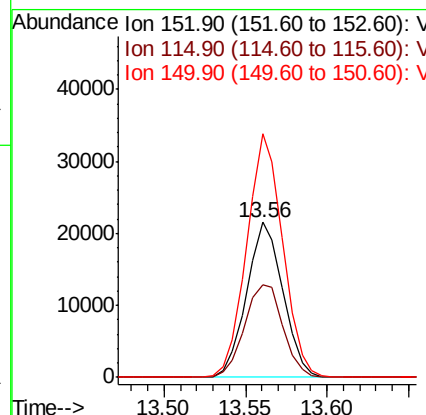
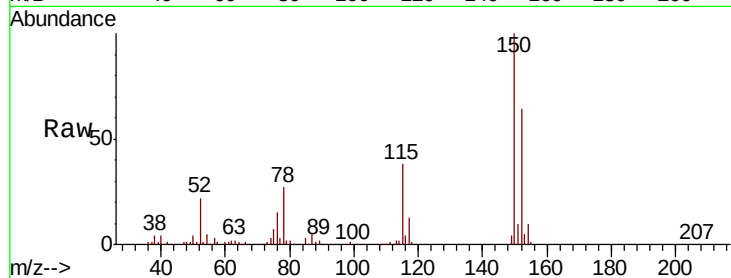




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007861.D
 Acq: 22 Dec 2018 23:13

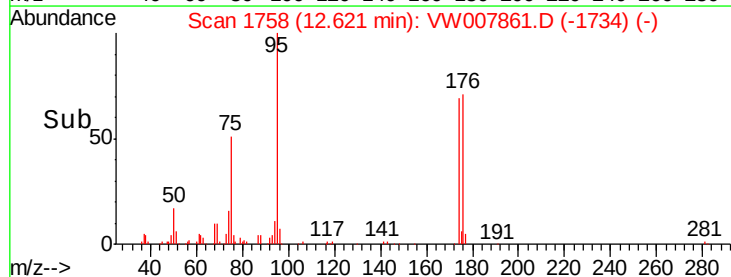
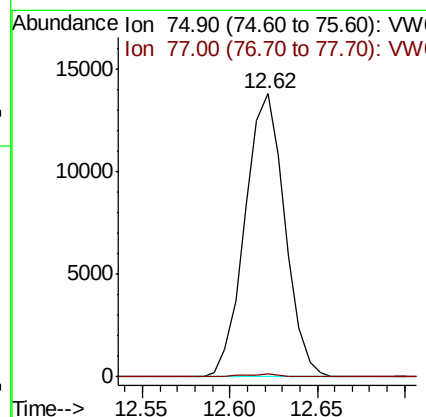
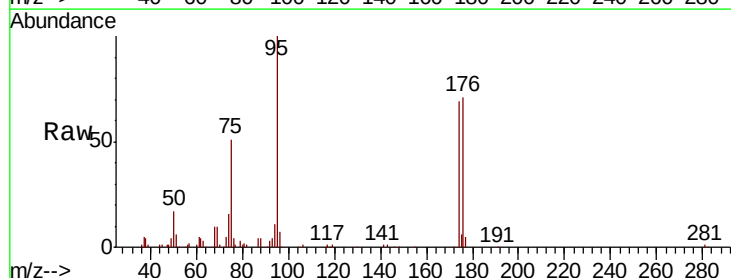
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-59(0-5)-GRAB

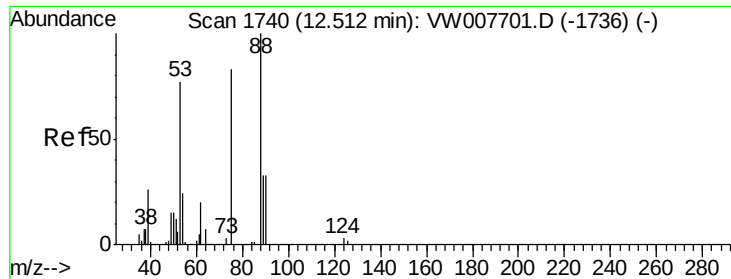
Tgt Ion:152 Resp: 33408
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.8 95.4
 150 155.9 0.0 350.8



#76
 1,2,3-Trichloropropane
 Concen: 84.713 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007861.D
 Acq: 22 Dec 2018 23:13

Tgt Ion: 75 Resp: 21874
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 177.819 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007861.D

Acq: 22 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

SB-59(0-5)-GRAB

Tgt Ion: 75 Resp: 21874

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

