

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011058.D
 Acq On : 28 Jun 2019 13:52
 Operator : SY/VA
 Sample : K3588-01
 Misc : 5.83G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-009-IDWSO-20190627

Quant Time: Jun 29 01:50:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	132931	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
35) Dibromofluoromethane	7.88	113	99575	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	10.32	98	422659	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.62	95	138556	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	

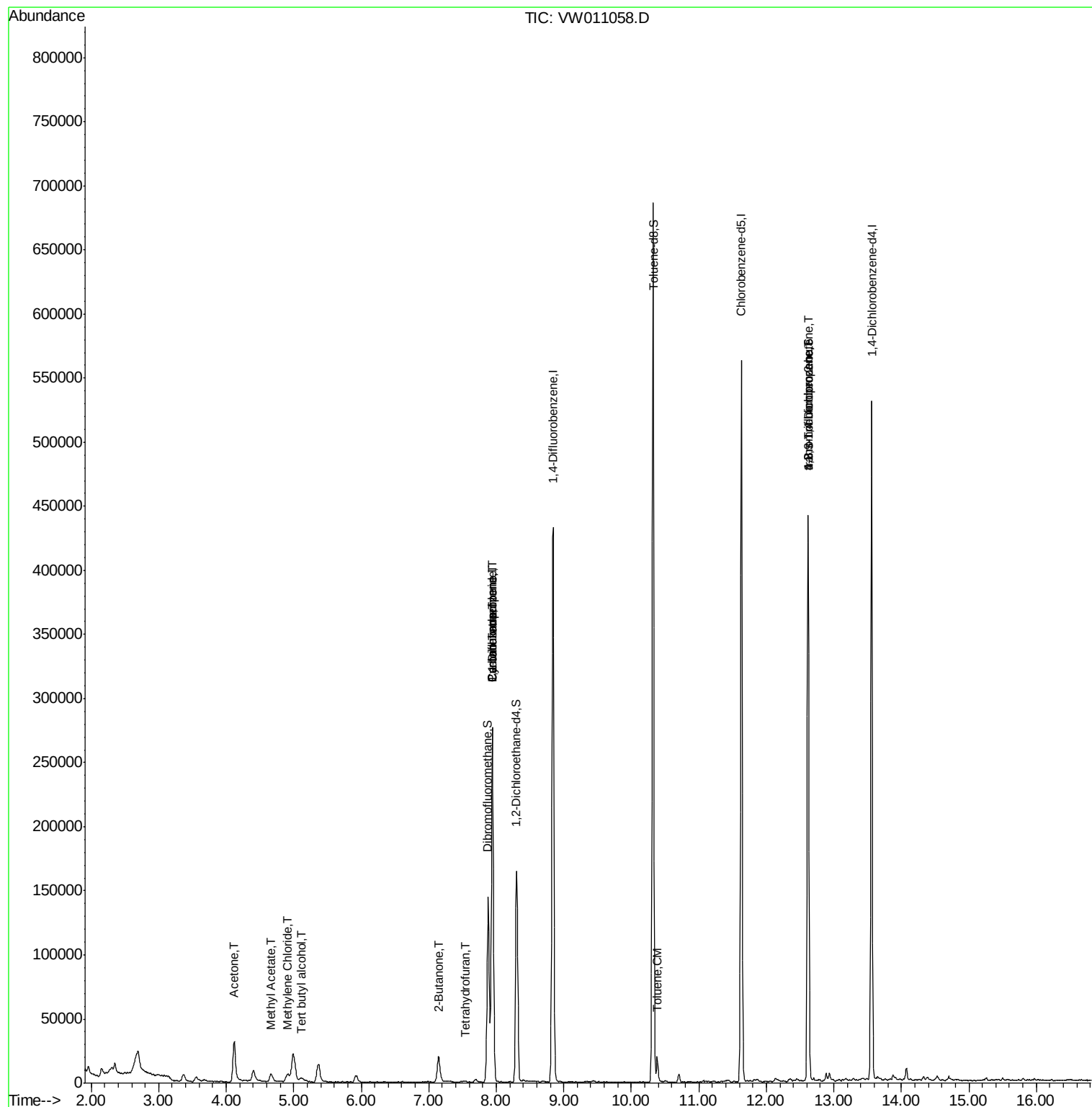
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	4128	22.181	ug/l #	72
16) Acetone	4.12	43	59254	94.732	ug/l	94
18) Methyl Acetate	4.66	43	12700	7.838	ug/l	94
20) Methylene Chloride	4.90	84	4956	1.950	ug/l #	77
25) 2-Butanone	7.15	43	1718	1.807	ug/l #	77
29) Tetrahydrofuran	7.54	42	598	1.010	ug/l #	52
31) Cyclohexane	7.95	56	5397	1.101	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	18446	5.063	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20353	6.783	ug/l #	16
52) Toluene	10.39	92	7778	1.268	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	76685	58.181	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76685	117.739	ug/l #	3

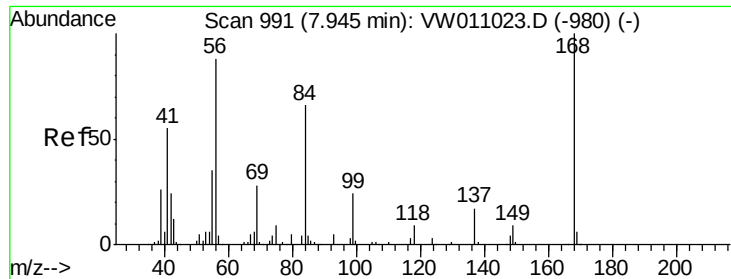
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011058.D

Acq: 28 Jun 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

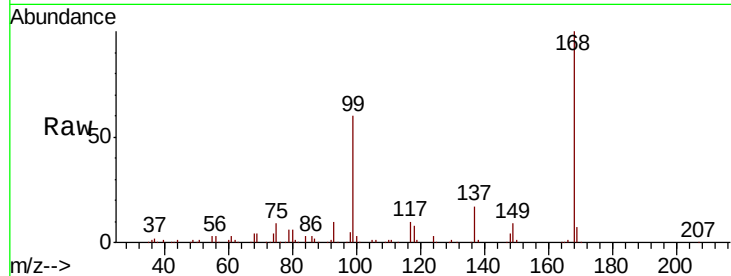
TT-009-IDW/ISO-20190627

Tot Ion:168 Resp: 196019

Ion Ratio Lower Upper

168 100

99 59.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

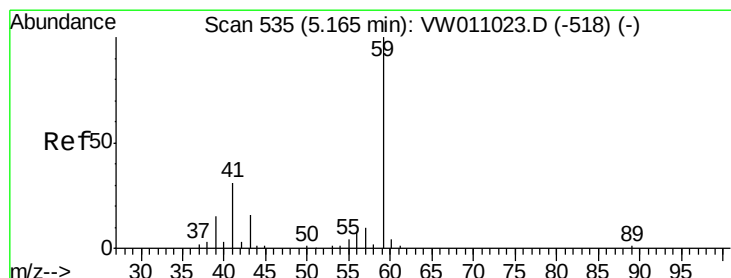
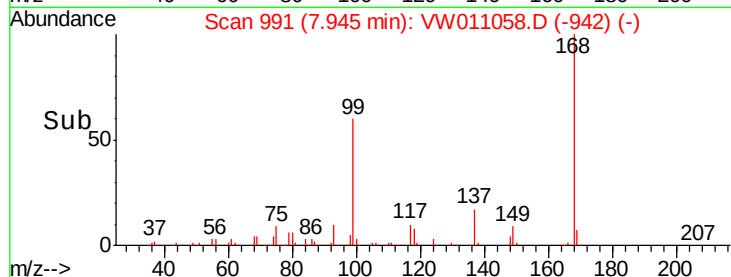
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 22.181 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011058.D

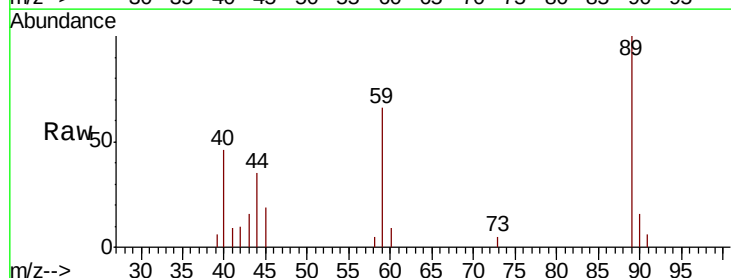
Acq: 28 Jun 2019 13:52

Tgt Ion: 59 Resp: 4128

Ion Ratio Lower Upper

59 100

57 0.5 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

800

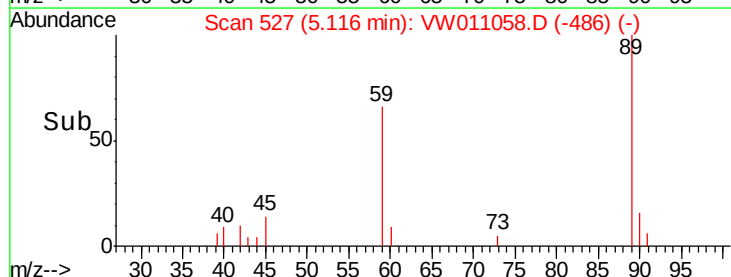
600

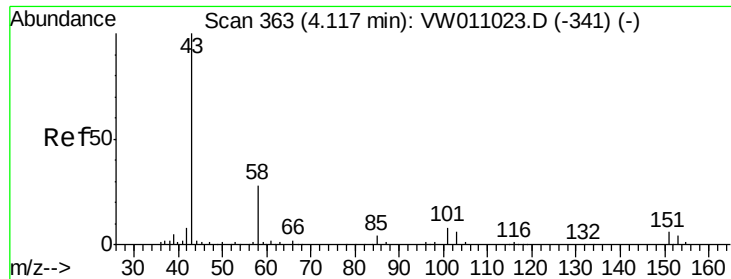
400

200

0

Time-->





#16

Acetone

Concen: 94.732 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011058.D

Acq: 28 Jun 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

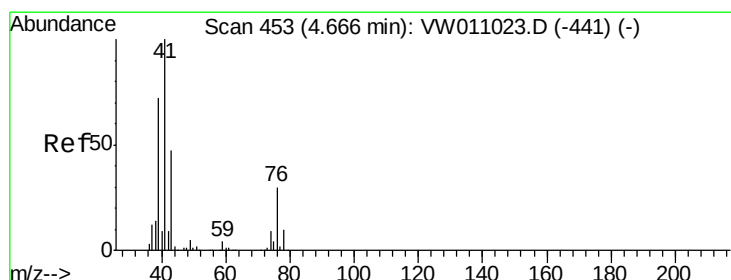
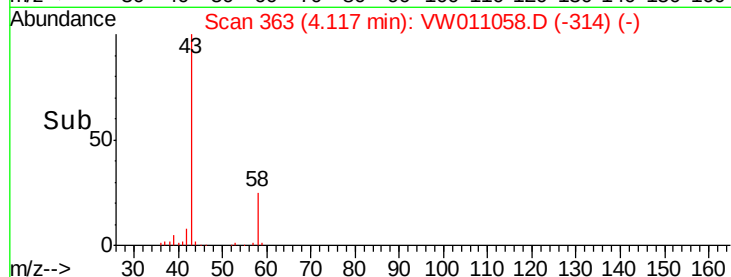
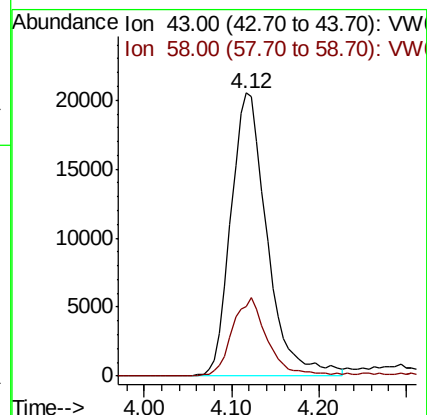
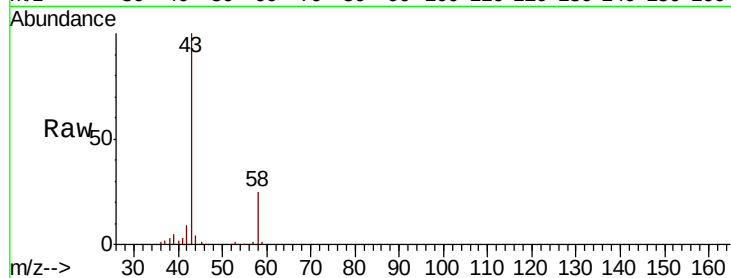
TT-009-IDWSO-20190627

Tot Ion: 43 Resp: 59254

Ion Ratio Lower Upper

43 100

58 24.8 22.5 33.7



#18

Methyl Acetate

Concen: 7.838 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011058.D

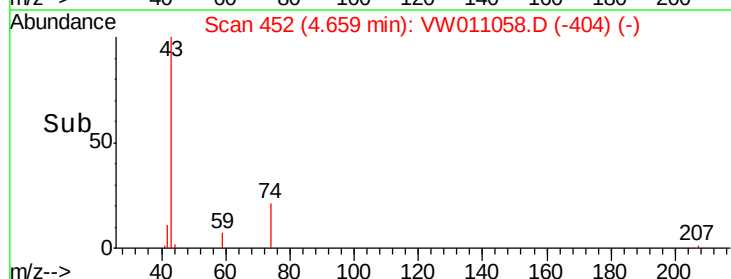
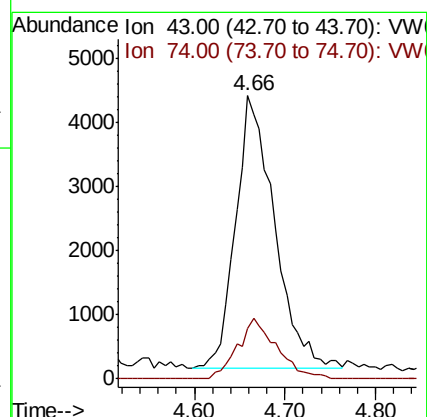
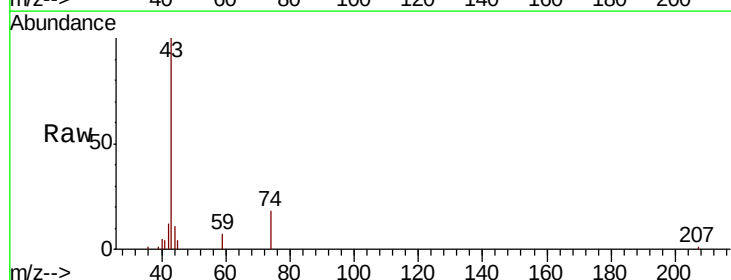
Acq: 28 Jun 2019 13:52

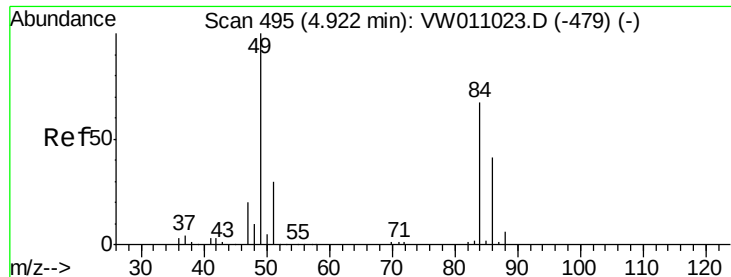
Tgt Ion: 43 Resp: 12700

Ion Ratio Lower Upper

43 100

74 22.3 15.8 23.8

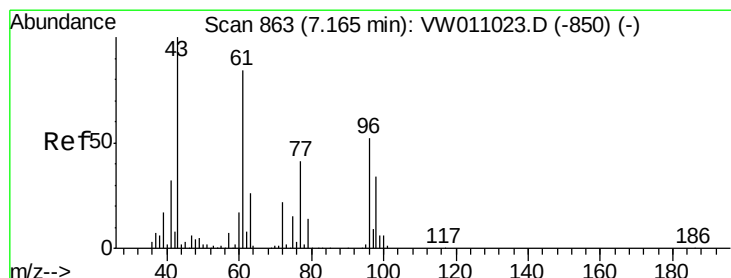
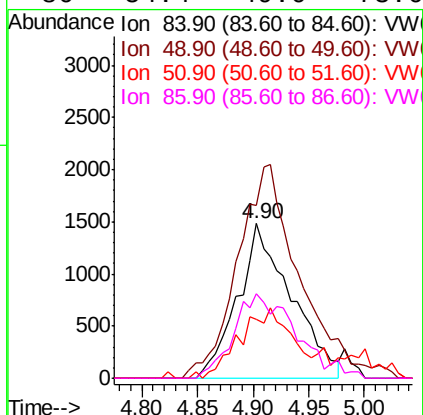
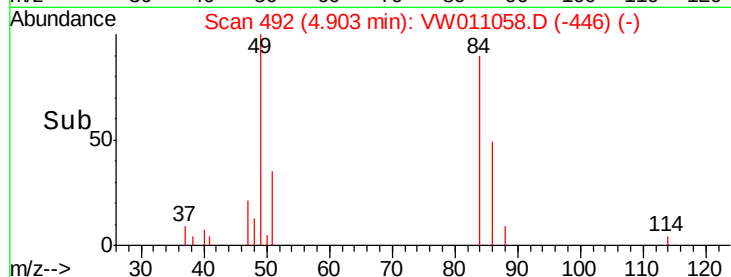
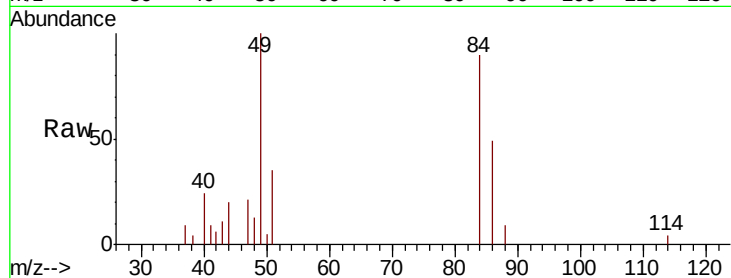




#20
Methylene Chloride
Concen: 1.950 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011058.D
Acq: 28 Jun 2019 13:52

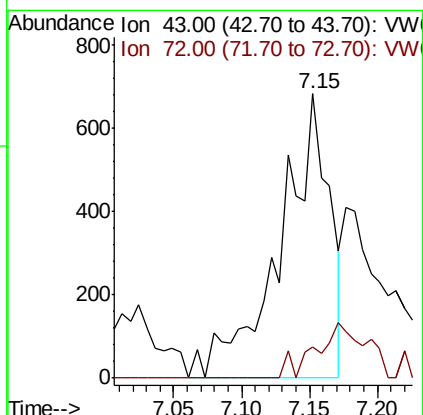
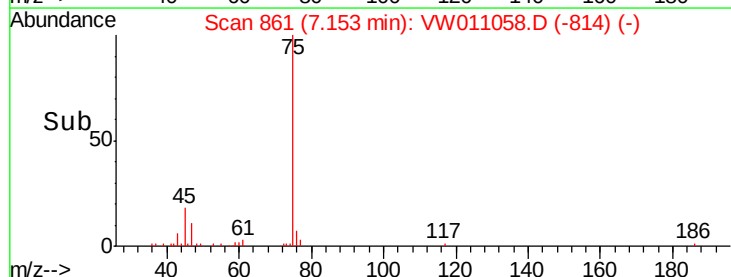
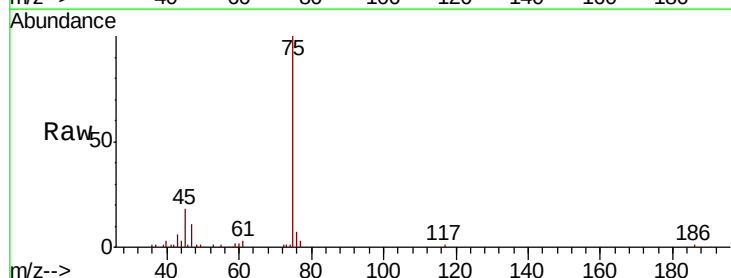
Instrument :
MSVOA_W
ClientSampleId :
TT-009-IDW/ISO-20190627

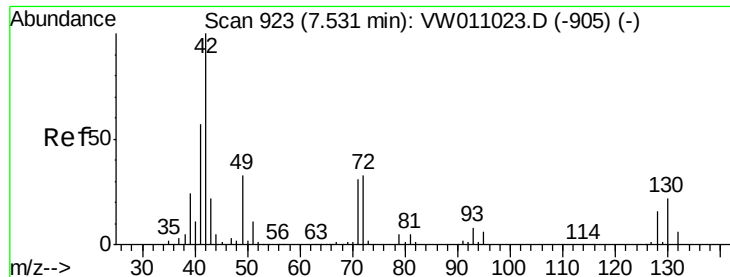
Tot Ion: 84 Resp: 4956
Ion Ratio Lower Upper
84 100
49 107.0 119.6 179.4#
51 38.6 35.6 53.4
86 54.4 49.0 73.6



#25
2-Butanone
Concen: 1.807 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW011058.D
Acq: 28 Jun 2019 13:52

Tgt Ion: 43 Resp: 1718
Ion Ratio Lower Upper
43 100
72 10.7 17.2 25.8#





#29

Tetrahydrofuran

Concen: 1.010 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW011058.D

Acq: 28 Jun 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

TT-009-IDWSO-20190627

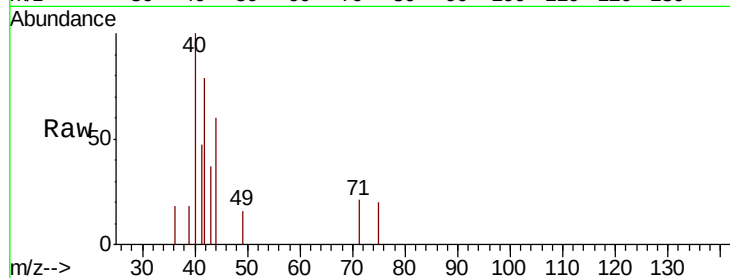
Tot Ion: 42 Resp: 598

Ion Ratio Lower Upper

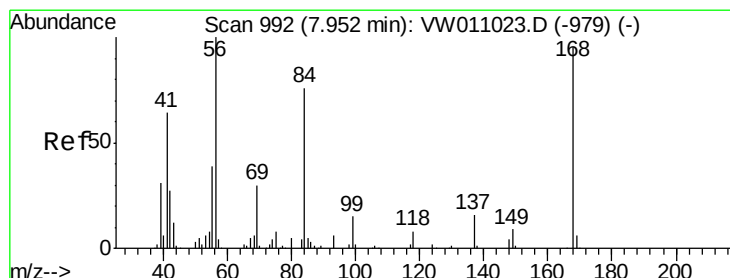
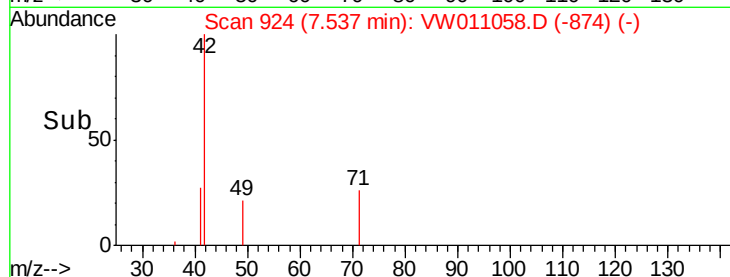
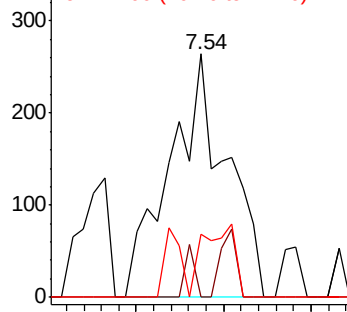
42 100

72 3.5 27.4 41.0#

71 8.0 25.6 38.4#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011058.D

Acq: 28 Jun 2019 13:52

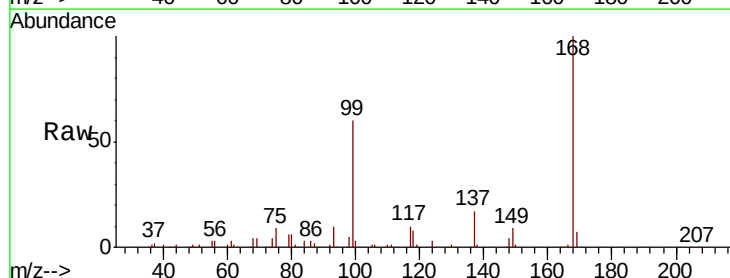
Tgt Ion: 56 Resp: 5397

Ion Ratio Lower Upper

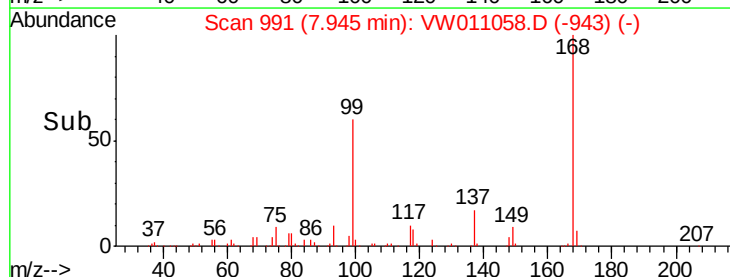
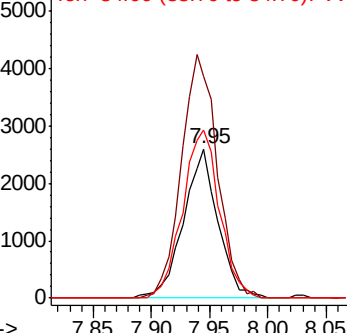
56 100

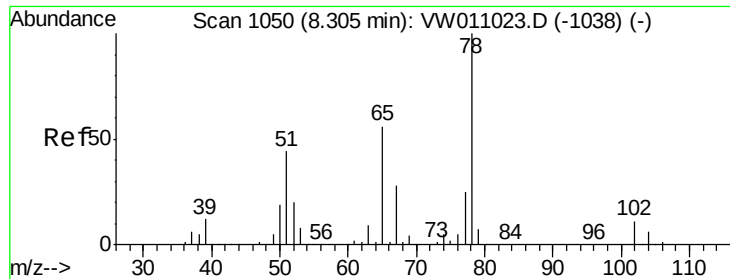
69 148.8 24.2 36.2#

84 112.8 60.6 90.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

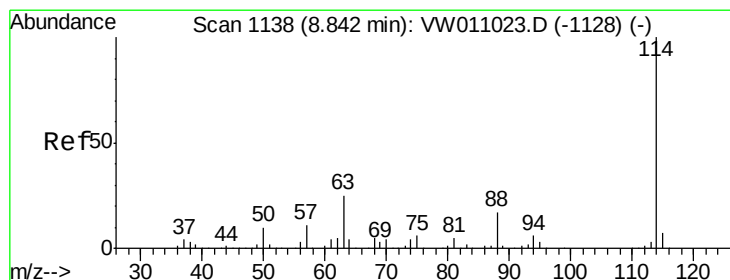
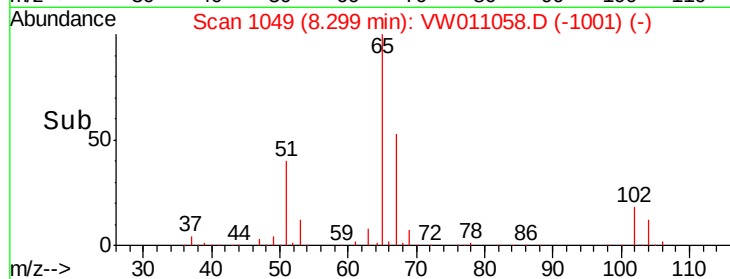
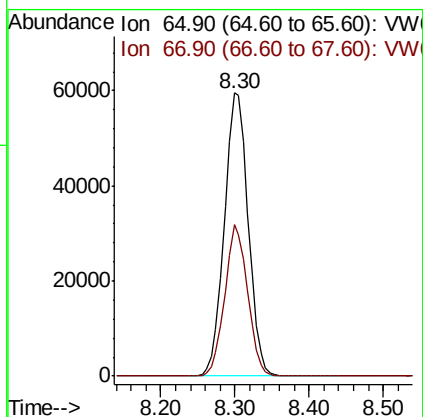
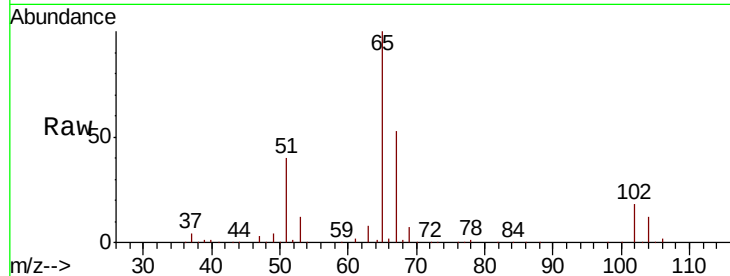




#33
 1,2-Dichloroethane-d4
 Concen: 51.876 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011058.D
 Acq: 28 Jun 2019 13:52

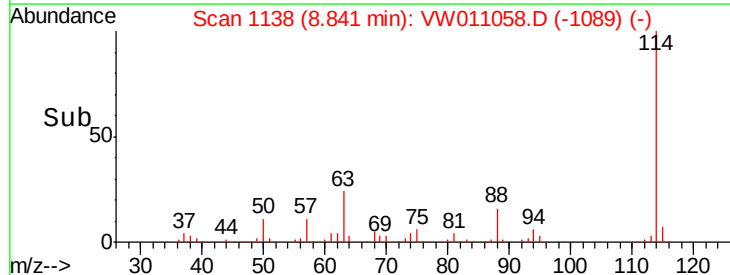
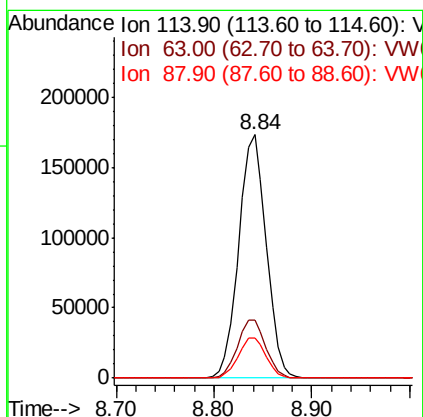
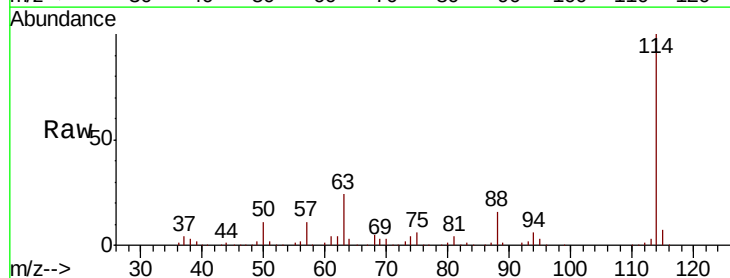
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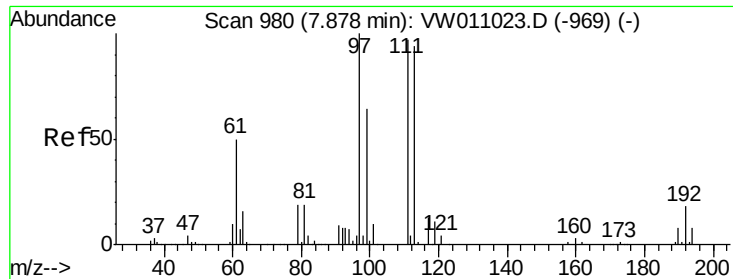
Tot Ion: 65 Resp: 132931
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011058.D
 Acq: 28 Jun 2019 13:52

Tgt Ion: 114 Resp: 338997
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.6
 88 16.4 0.0 34.0

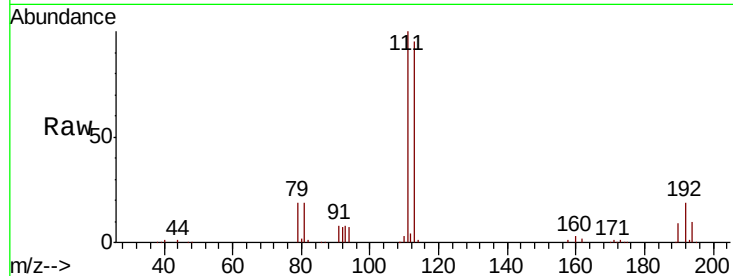




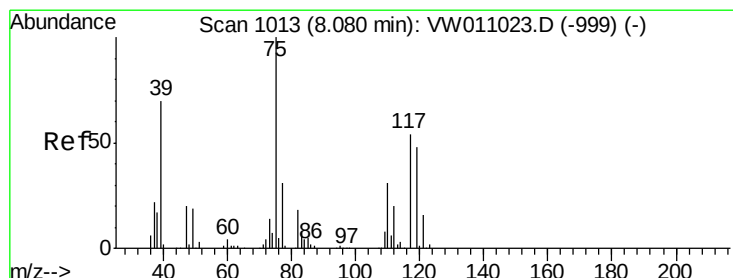
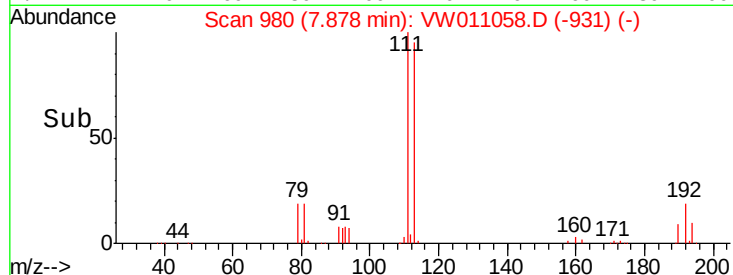
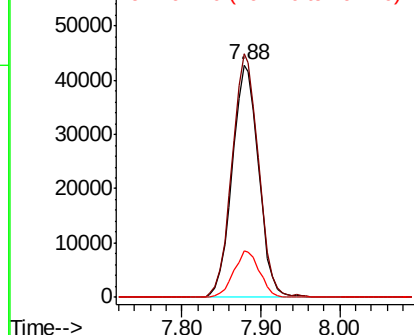
#35
 Dibromofluoromethane
 Concen: 48.103 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011058.D
 Acq: 28 Jun 2019 13:52

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-009-IDWSO-20190627

Tot Ion:113 Resp: 99575
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.8 125.6
 192 19.7 16.0 24.0

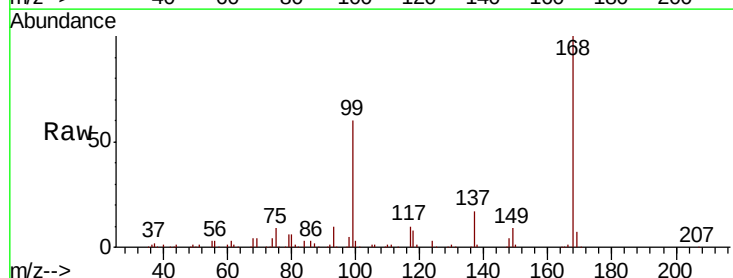


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

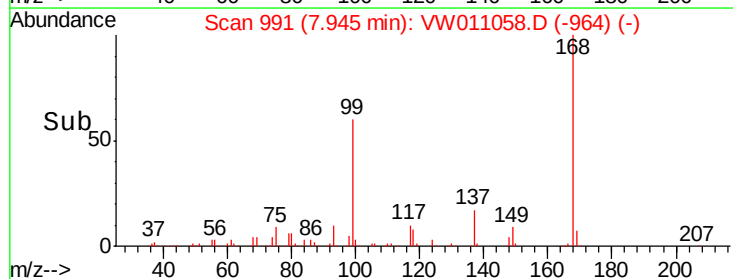
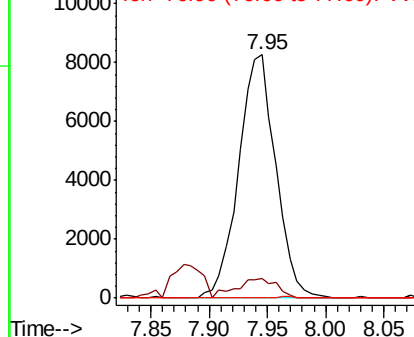


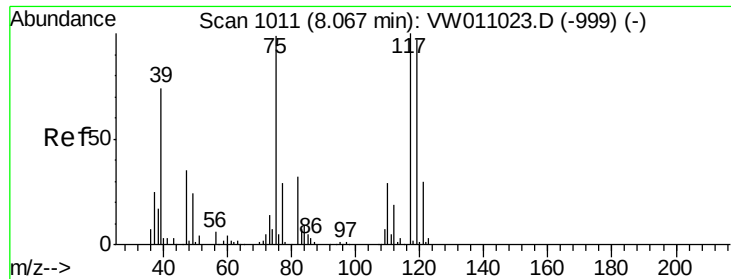
#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011058.D
 Acq: 28 Jun 2019 13:52

Tgt Ion: 75 Resp: 18446
 Ion Ratio Lower Upper
 75 100
 110 7.7 15.5 46.5#
 77 0.2 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

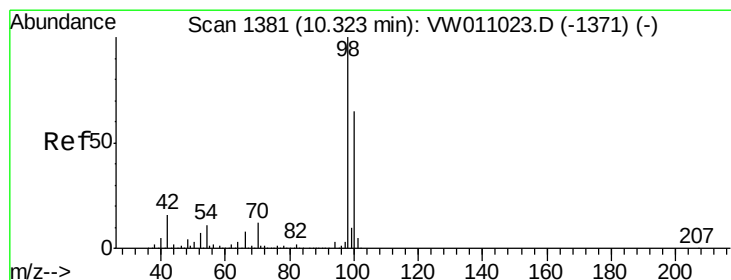
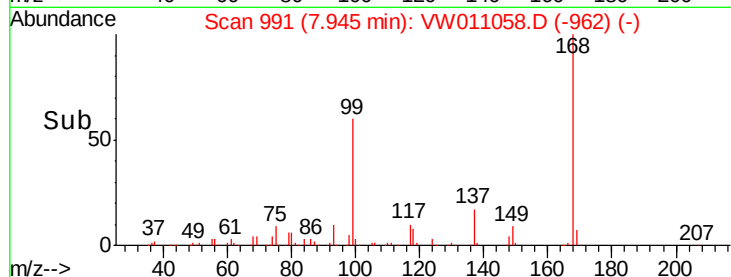
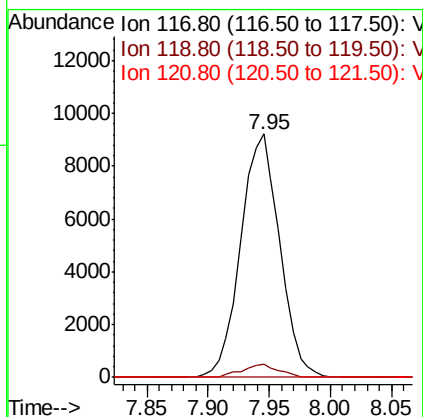
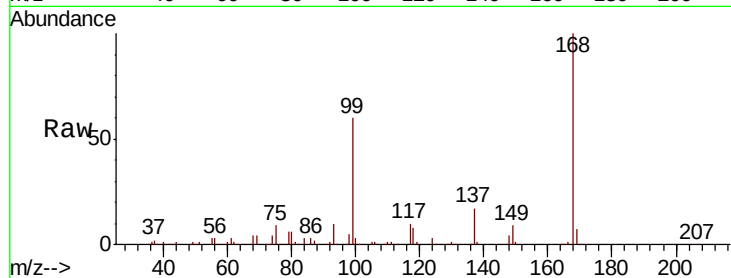




#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011058.D
Acq: 28 Jun 2019 13:52

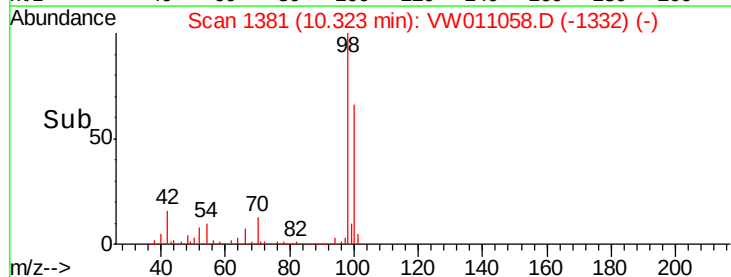
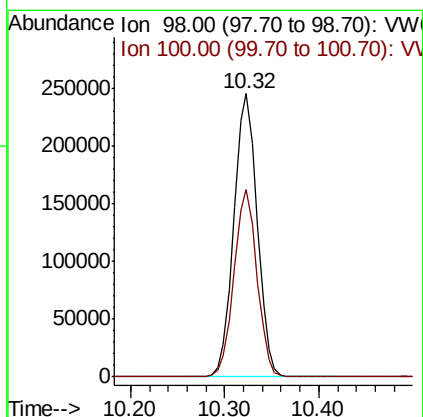
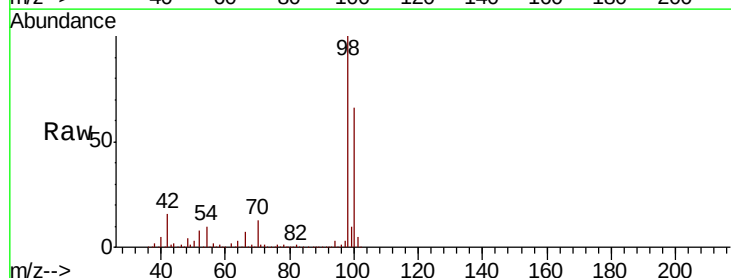
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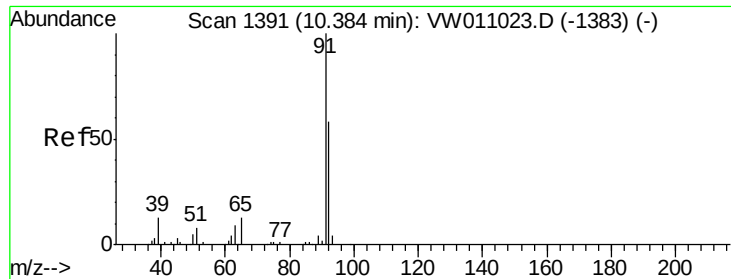
Tot Ion:117 Resp: 20353
Ion Ratio Lower Upper
117 100
119 5.5 77.7 116.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.603 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011058.D
Acq: 28 Jun 2019 13:52

Tgt Ion: 98 Resp: 422659
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5





#52

Toluene

Concen: 1.268 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011058.D

Acq: 28 Jun 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

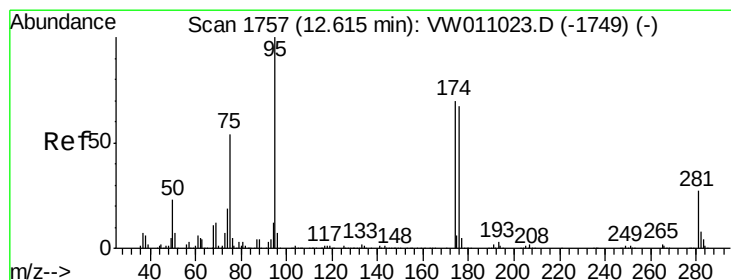
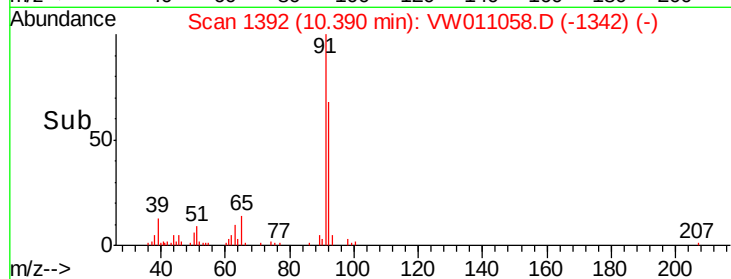
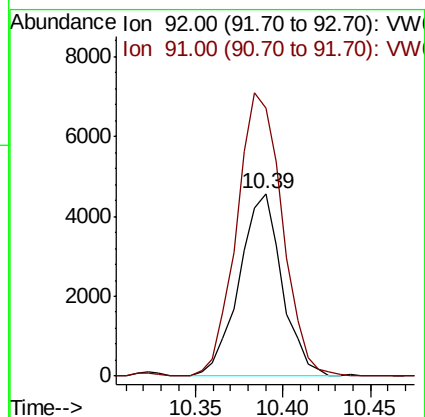
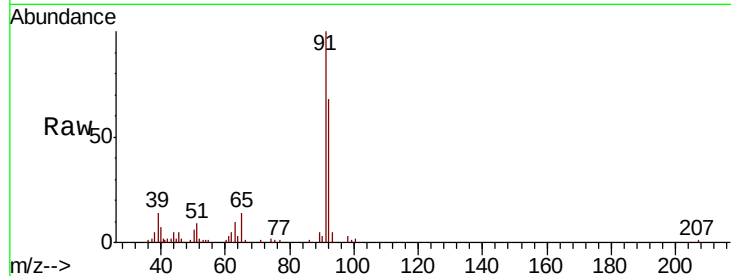
TT-009-IDWSO-20190627

Tot Ion: 92 Resp: 7778

Ion Ratio Lower Upper

92 100

91 165.7 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 44.459 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011058.D

Acq: 28 Jun 2019 13:52

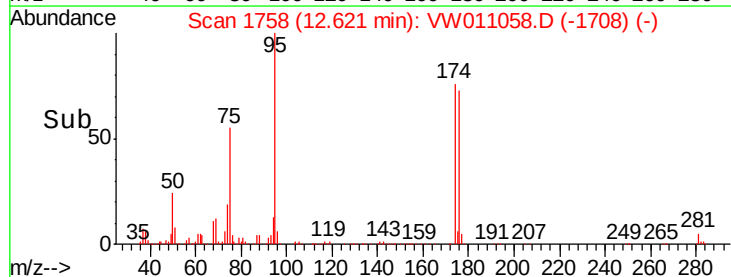
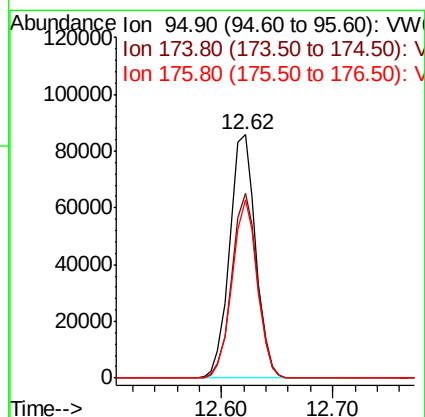
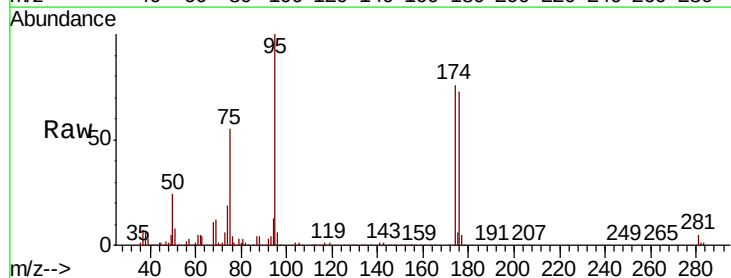
Tgt Ion: 95 Resp: 138556

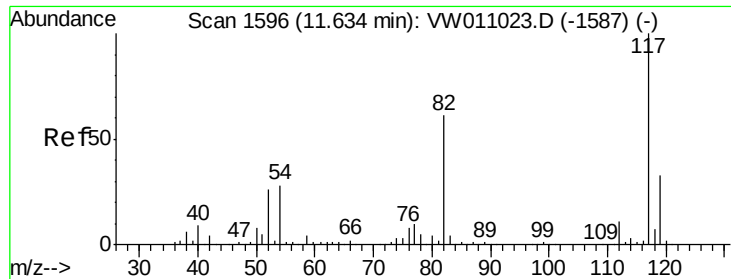
Ion Ratio Lower Upper

95 100

174 74.8 0.0 149.2

176 71.2 0.0 143.6

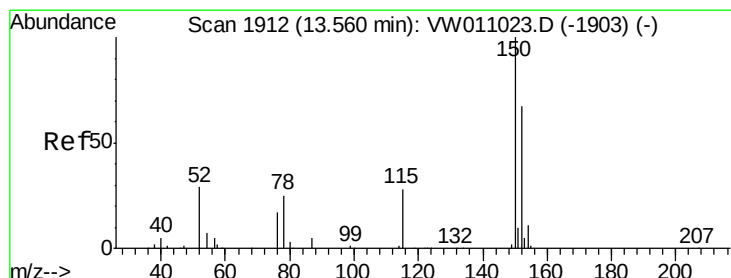
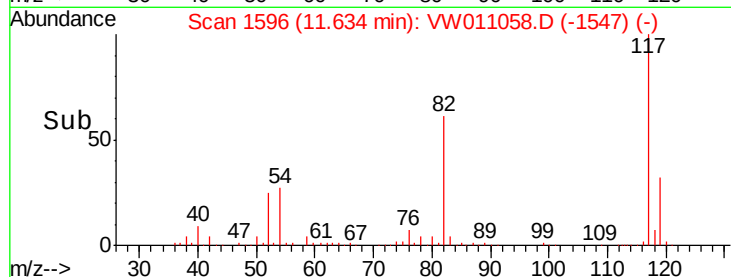
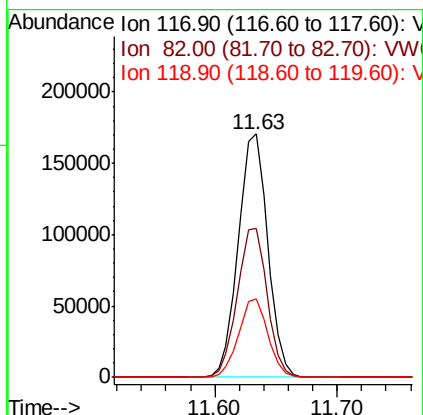
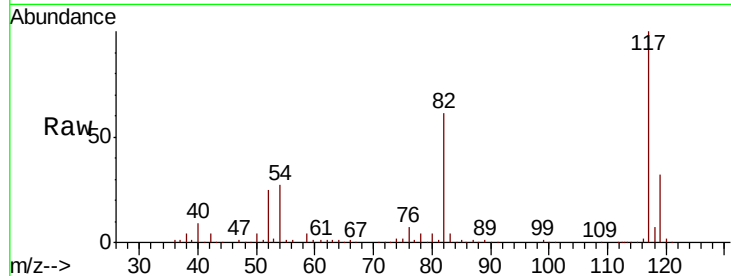




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011058.D
Acq: 28 Jun 2019 13:52

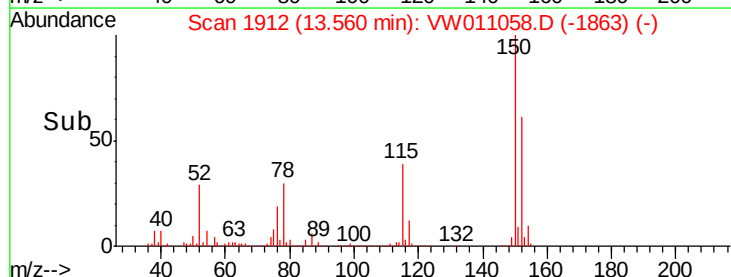
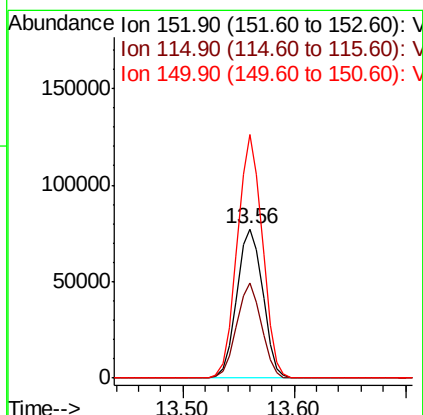
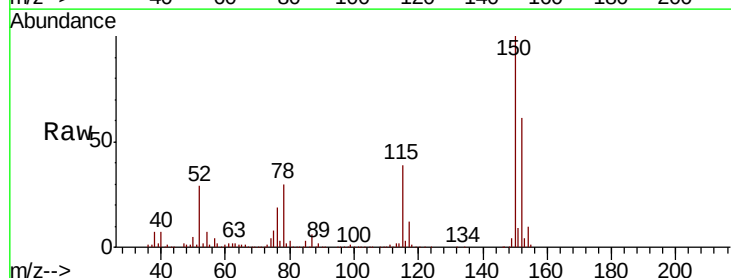
Instrument :
MSVOA_W
ClientSampleId :
TT-009-IDWSO-20190627

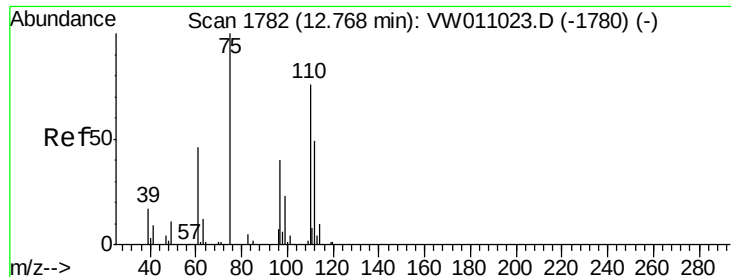
Tot Ion:117 Resp: 285501
Ion Ratio Lower Upper
117 100
82 61.4 48.6 73.0
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011058.D
Acq: 28 Jun 2019 13:52

Tgt Ion:152 Resp: 124845
Ion Ratio Lower Upper
152 100
115 61.2 30.7 92.1
150 157.9 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 58.181 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011058.D

Acq: 28 Jun 2019 13:52

Instrument :

MSVOA_W

ClientSampleId :

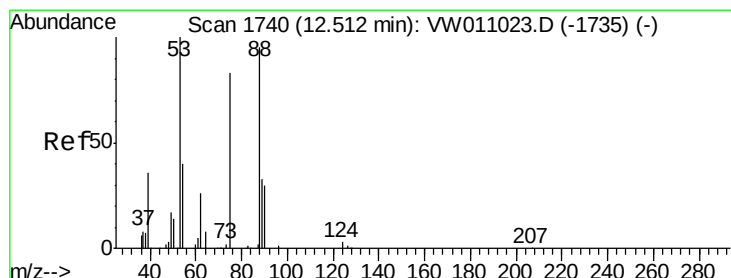
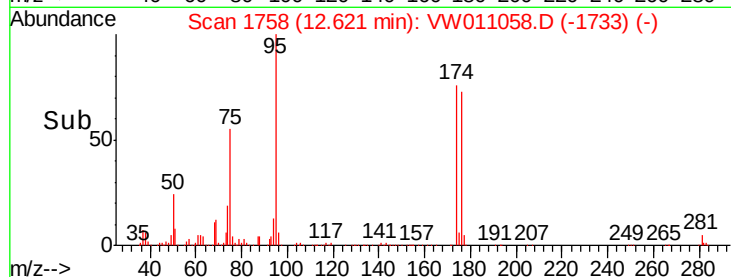
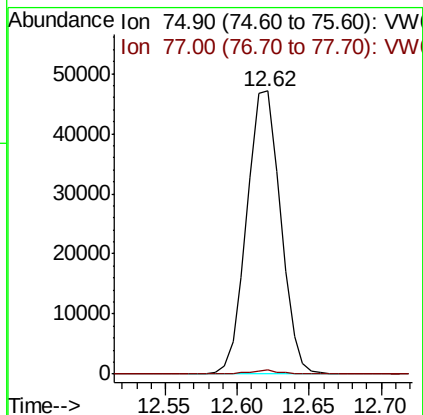
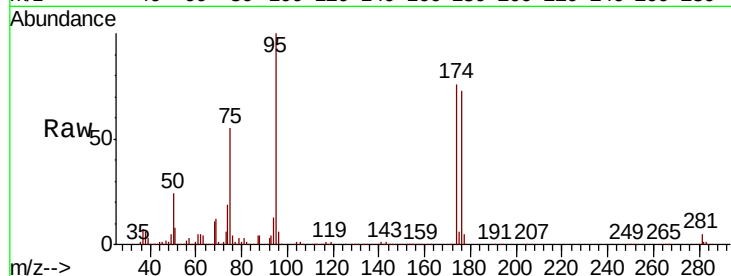
TT-009-IDW/ISO-20190627

Tot Ion: 75 Resp: 76685

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.739 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011058.D

Acq: 28 Jun 2019 13:52

Tgt Ion: 75 Resp: 76685

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#

