

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011059.D
 Acq On : 28 Jun 2019 14:18
 Operator : SY/VA
 Sample : K3588-02
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-010-IDWSO-20190627

Quant Time: Jun 29 01:50:13 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	203872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	138018	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.88	113	103787	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.32	98	437335	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	141753	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	

Target Compounds

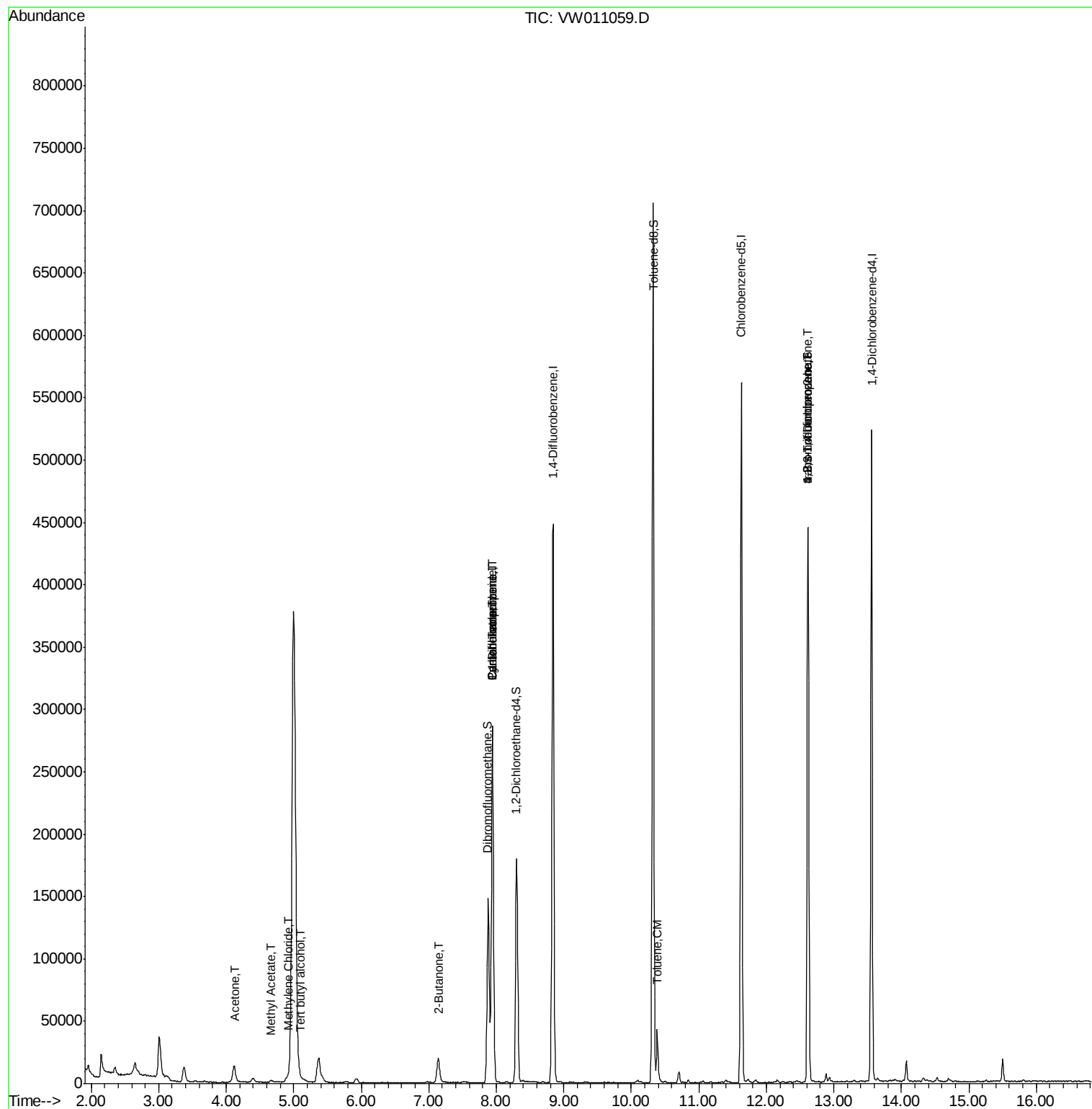
					Qvalue	
11) Tert butyl alcohol	5.11	59	1150	5.941	ug/l #	71
16) Acetone	4.12	43	24779	38.089	ug/l	100
18) Methyl Acetate	4.67	43	3769	2.237	ug/l	97
20) Methylene Chloride	4.91	84	3435	1.300	ug/l	86
25) 2-Butanone	7.14	43	1636	1.654	ug/l #	54
31) Cyclohexane	7.94	56	5996	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	18282	4.882	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21678	7.030	ug/l #	15
52) Toluene	10.38	92	16745	2.656	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	77880	59.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77880	119.950	ug/l #	3

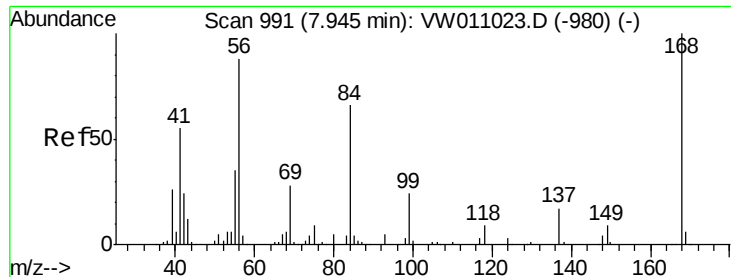
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
Data File : VW011059.D
Acq On : 28 Jun 2019 14:18
Operator : SY/VA
Sample : K3588-02
Misc : 5.65G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TT-010-IDWSO-20190627

Quant Time: Jun 29 01:50:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
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: VW011059.D

Acq: 28 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

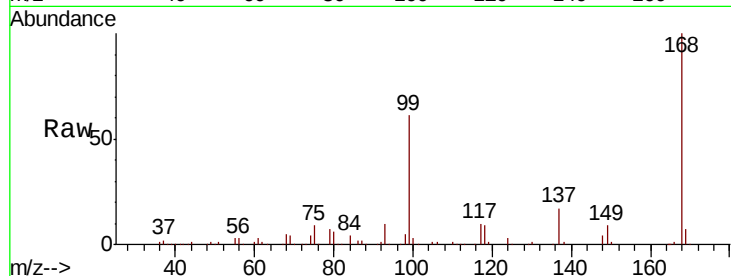
TT-010-IDWSO-20190627

Tot Ion:168 Resp: 203872

Ion Ratio Lower Upper

168 100

99 61.3 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

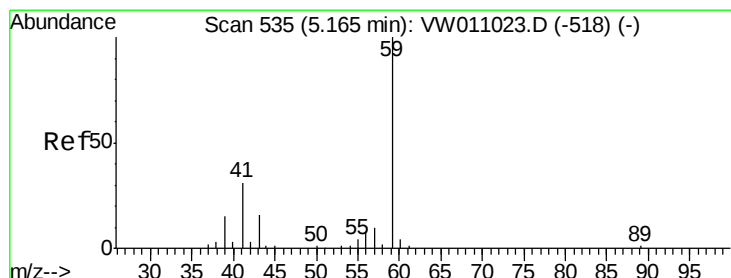
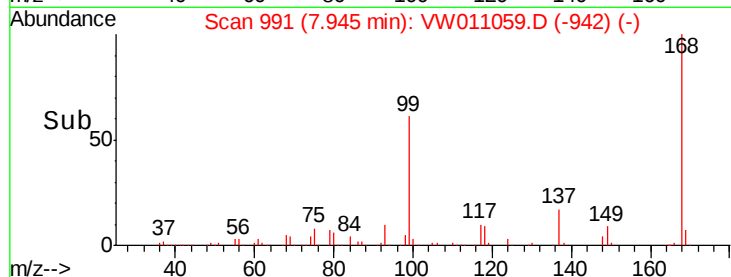
20000

0

Time-->

7.90

8.00



#11

Tert butyl alcohol

Concen: 5.941 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.06 min

Lab File: VW011059.D

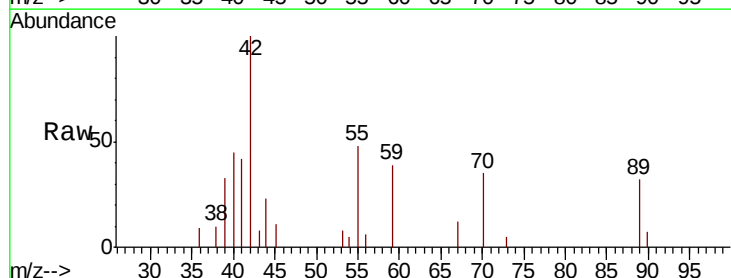
Acq: 28 Jun 2019 14:18

Tgt Ion: 59 Resp: 1150

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

500

400

300

200

100

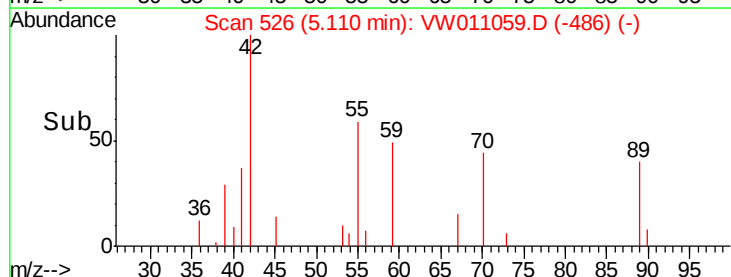
0

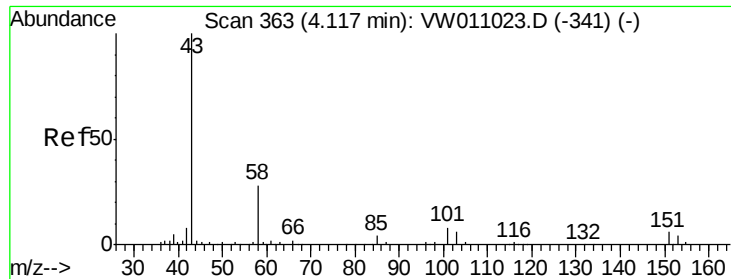
Time-->

5.05

5.10

5.15





#16

Acetone

Concen: 38.089 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011059.D

Acq: 28 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

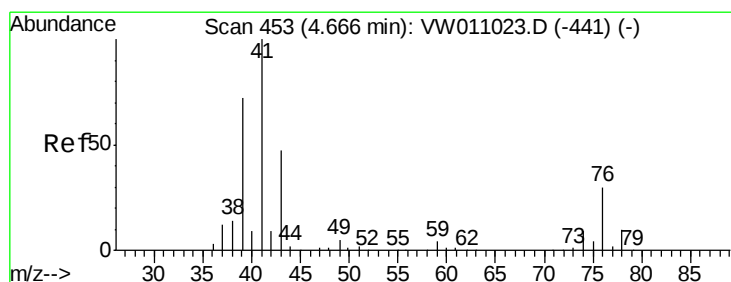
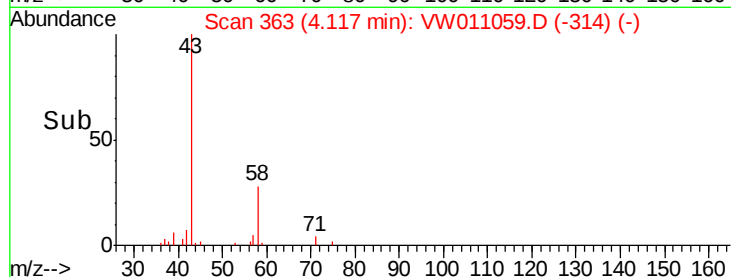
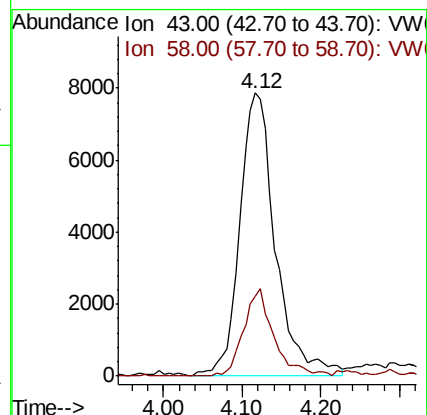
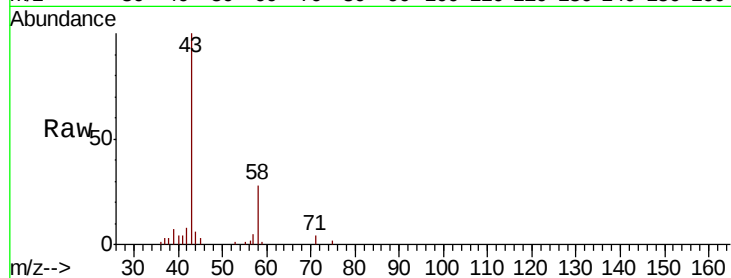
TT-010-IDWSO-20190627

Tot Ion: 43 Resp: 24779

Ion Ratio Lower Upper

43 100

58 28.3 22.5 33.7



#18

Methyl Acetate

Concen: 2.237 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011059.D

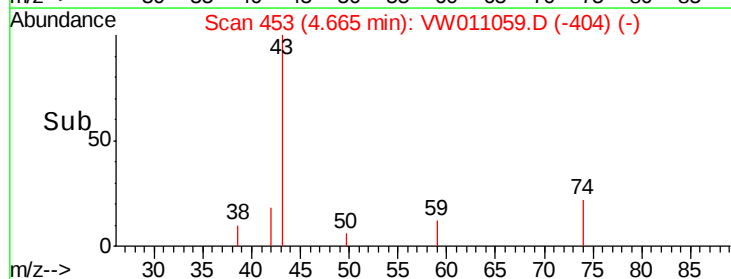
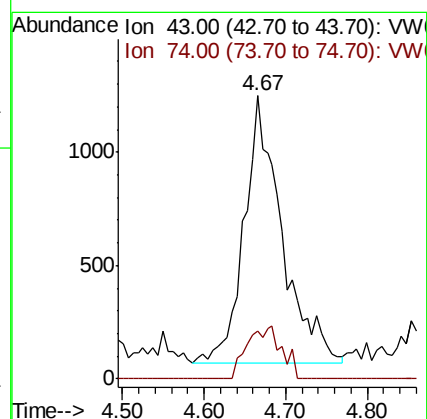
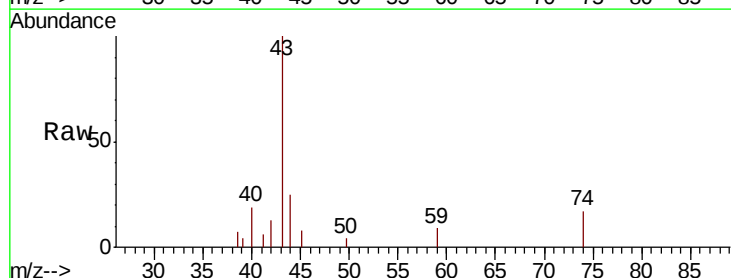
Acq: 28 Jun 2019 14:18

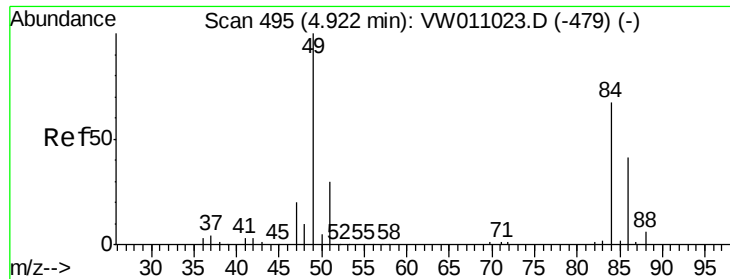
Tgt Ion: 43 Resp: 3769

Ion Ratio Lower Upper

43 100

74 18.2 15.8 23.8

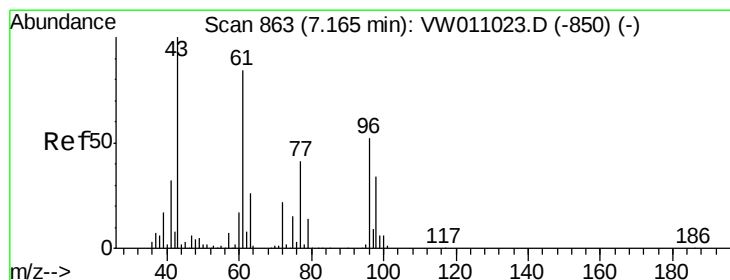
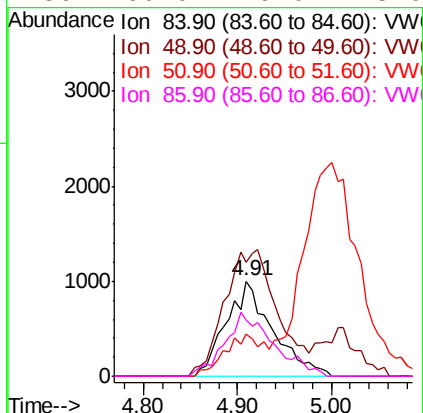
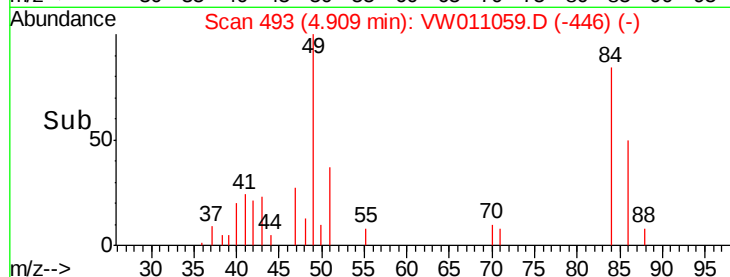
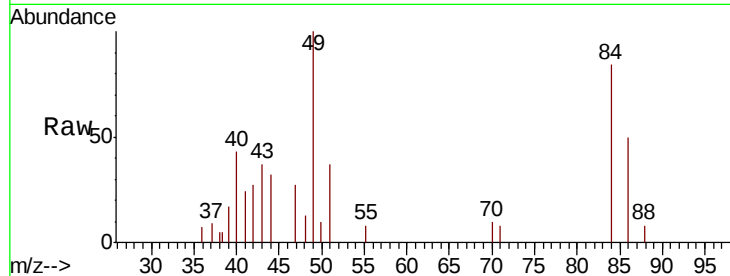




#20
Methvlene Chloride
Concen: 1.300 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011059.D
Acq: 28 Jun 2019 14:18

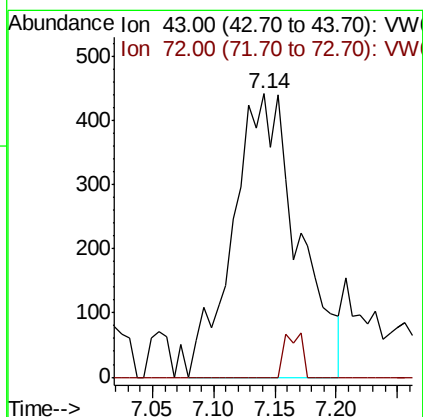
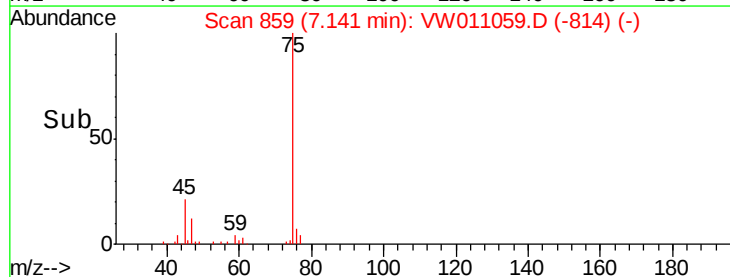
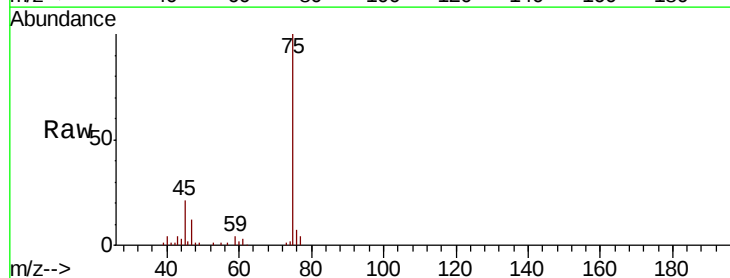
Instrument :
MSVOA_W
ClientSampleId :
TT-010-IDWSO-20190627

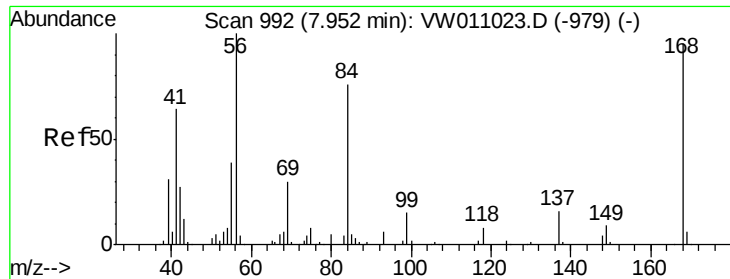
Tot Ion: 84 Resp: 3435
Ion Ratio Lower Upper
84 100
49 119.6 119.6 179.4
51 44.3 35.6 53.4
86 60.0 49.0 73.6



#25
2-Butanone
Concen: 1.654 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011059.D
Acq: 28 Jun 2019 14:18

Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#

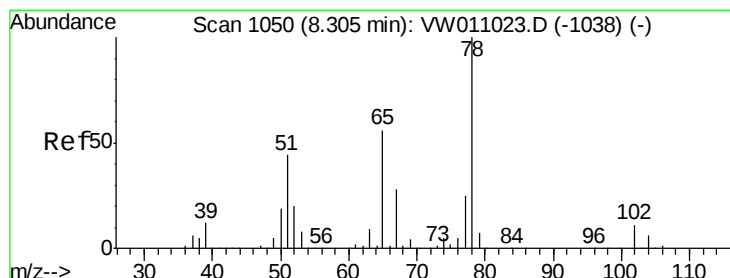
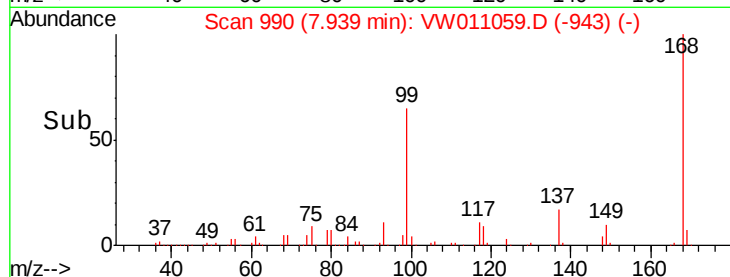
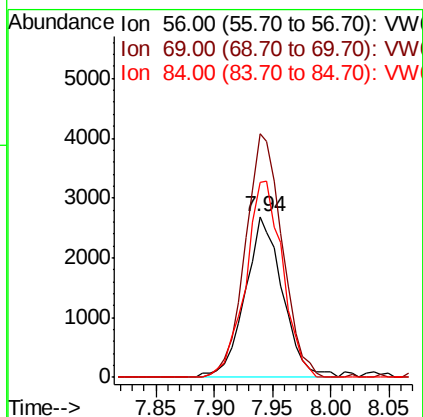
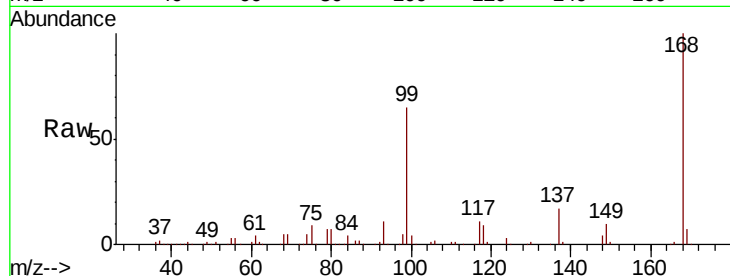




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011059.D
Acq: 28 Jun 2019 14:18

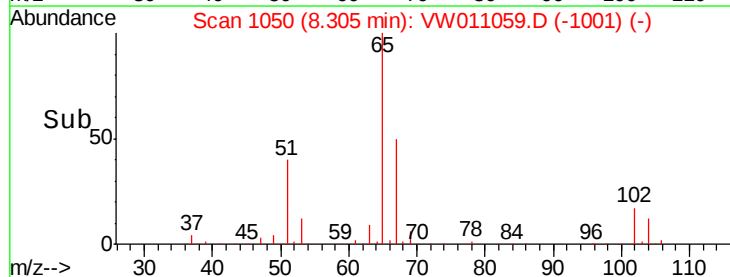
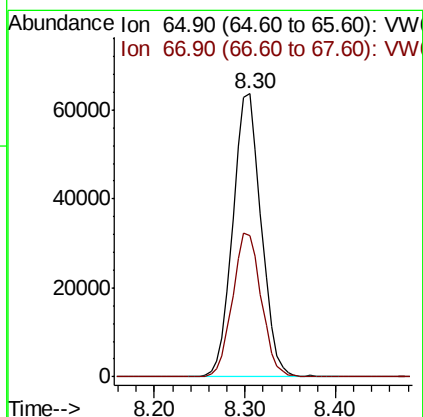
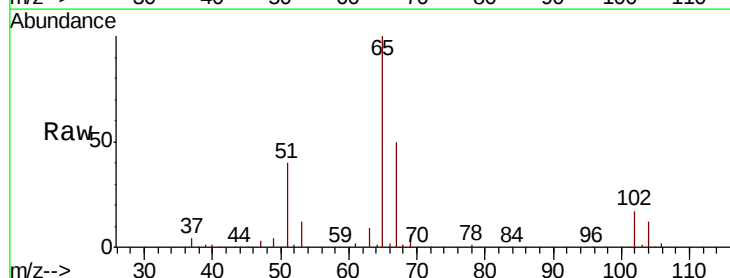
Instrument :
MSVOA_W
ClientSampleId :
TT-010-IDWSO-20190627

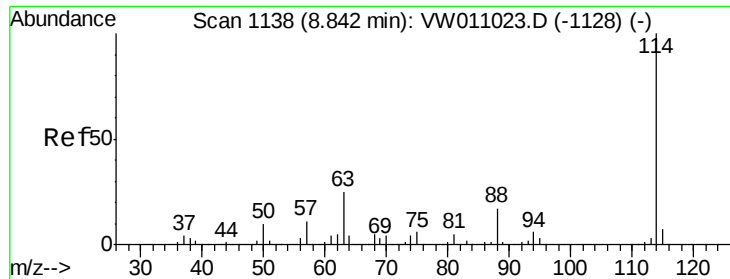
Tot Ion: 56 Resp: 5996
Ion Ratio Lower Upper
56 100
69 151.4 24.2 36.2#
84 121.6 60.6 90.8#



#33
1,2-Dichloroethane-d4
Concen: 51.786 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011059.D
Acq: 28 Jun 2019 14:18

Tgt Ion: 65 Resp: 138018
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

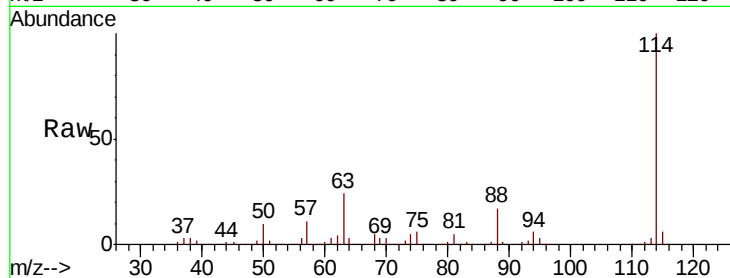




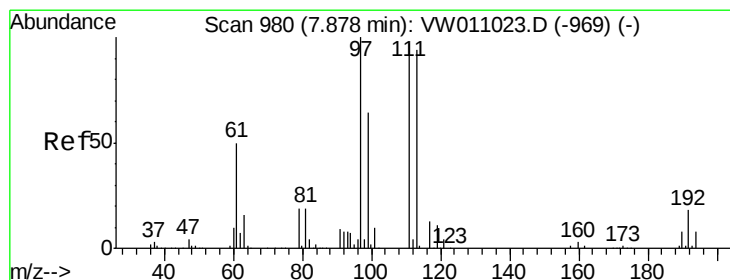
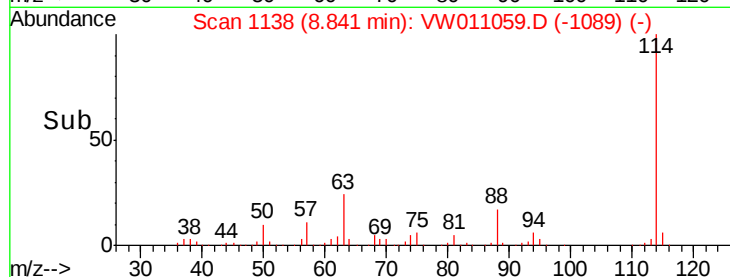
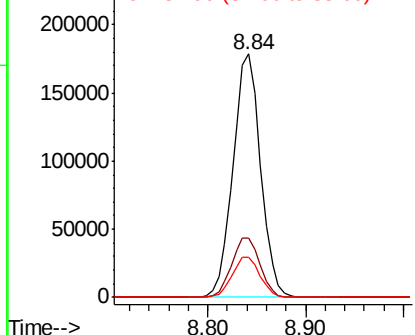
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011059.D
 Acq: 28 Jun 2019 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-010-IDWSO-20190627

Tot Ion:114 Resp: 348390
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.6
 88 16.7 0.0 34.0

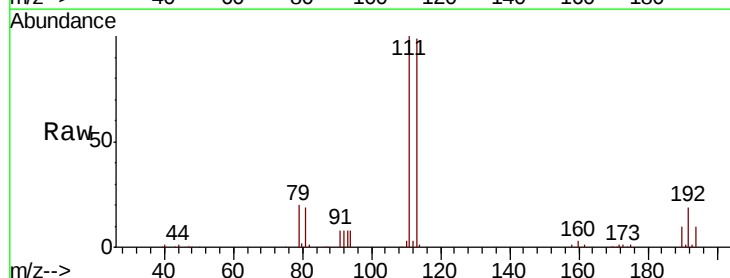


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

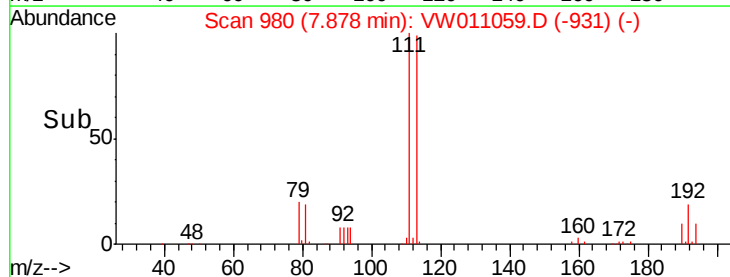
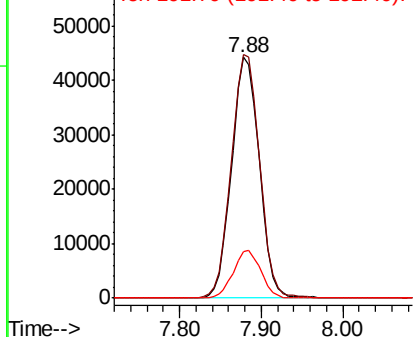


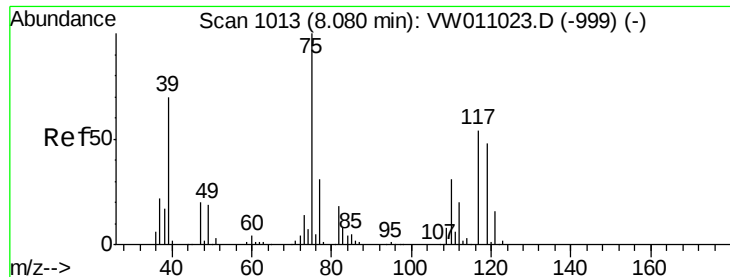
#35
 Dibromofluoromethane
 Concen: 48.786 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011059.D
 Acq: 28 Jun 2019 14:18

Tgt Ion:113 Resp: 103787
 Ion Ratio Lower Upper
 113 100
 111 103.1 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

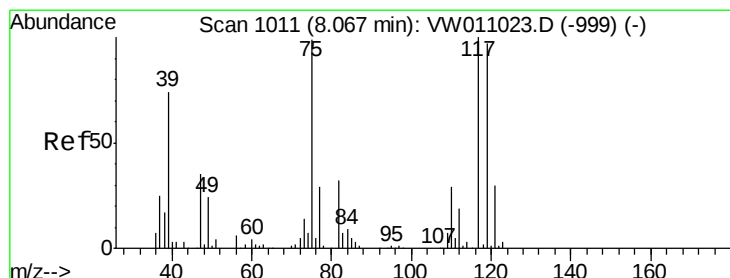
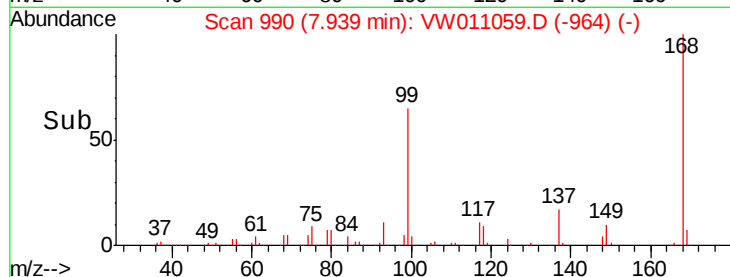
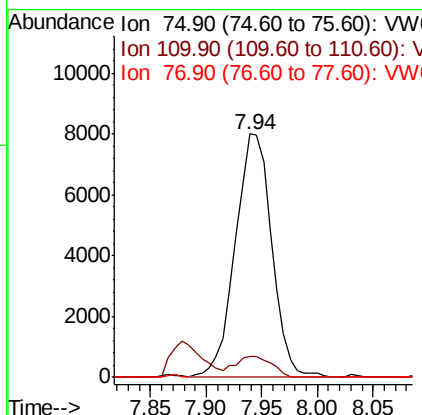
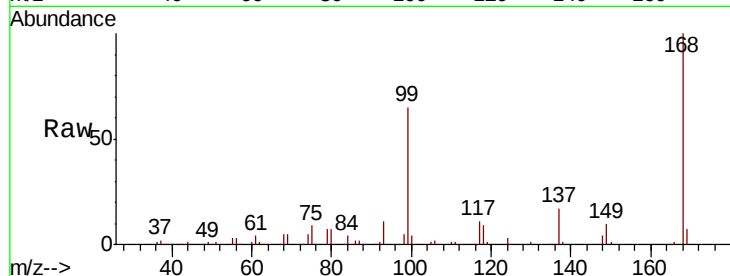




#36
 1,1-Dichloropropene
 Concen: 4.882 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011059.D
 Acq: 28 Jun 2019 14:18

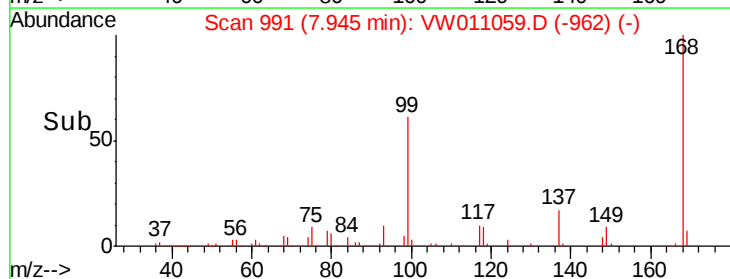
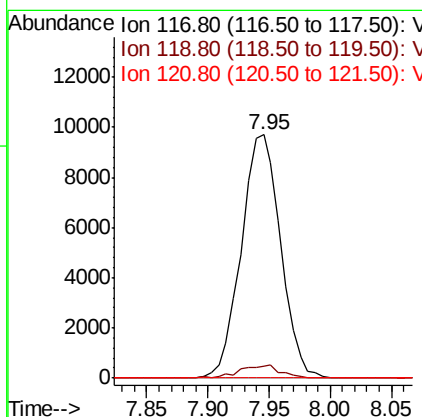
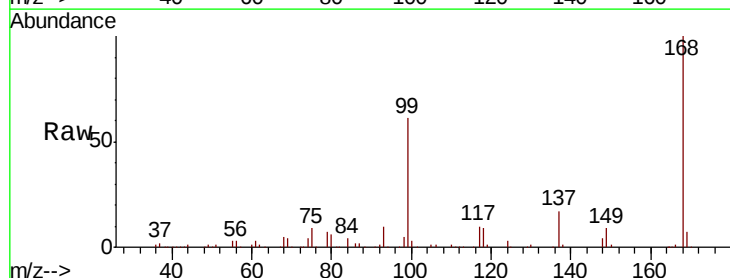
Instrument :
 MSVOA_W
 ClientSampleId :
 TT-010-IDWSO-20190627

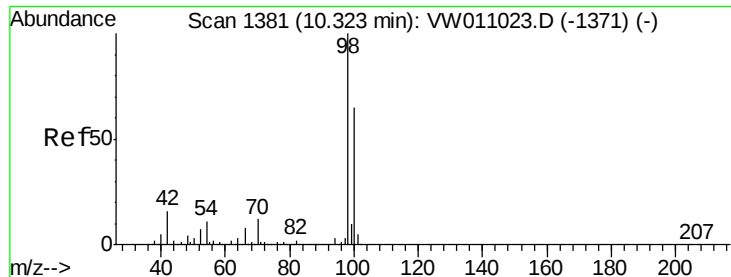
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.5	46.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.030 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011059.D
 Acq: 28 Jun 2019 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.7	116.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.941 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011059.D

Acq: 28 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

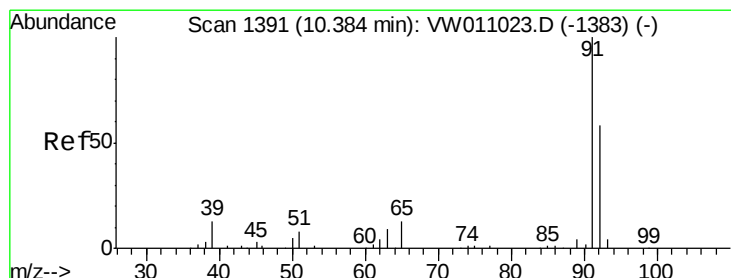
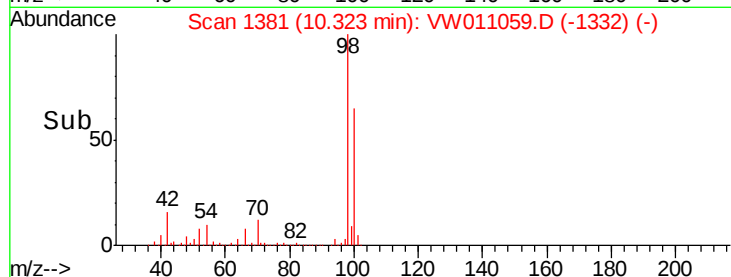
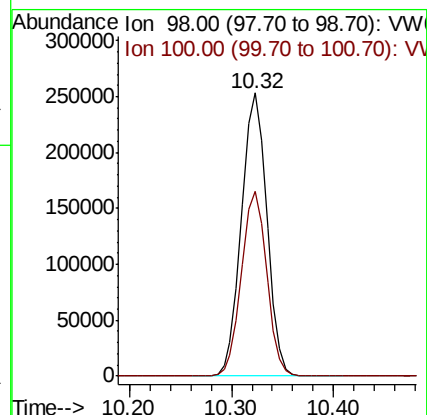
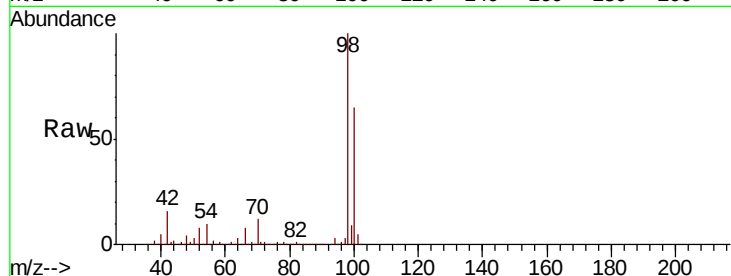
TT-010-IDWSO-20190627

Tot Ion: 98 Resp: 437335

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#52

Toluene

Concen: 2.656 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011059.D

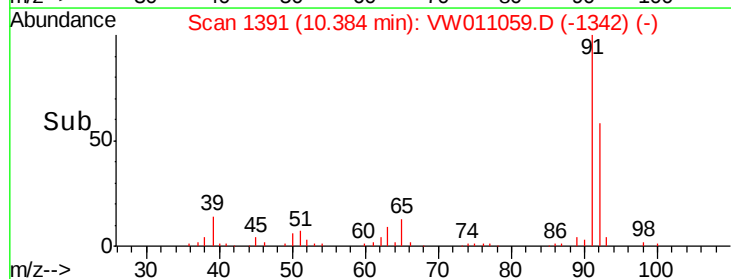
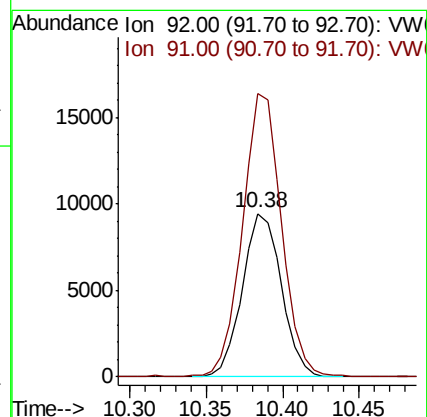
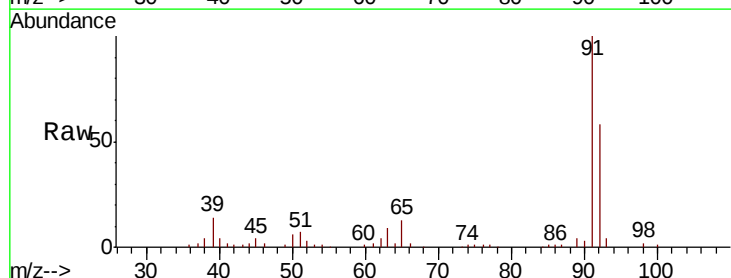
Acq: 28 Jun 2019 14:18

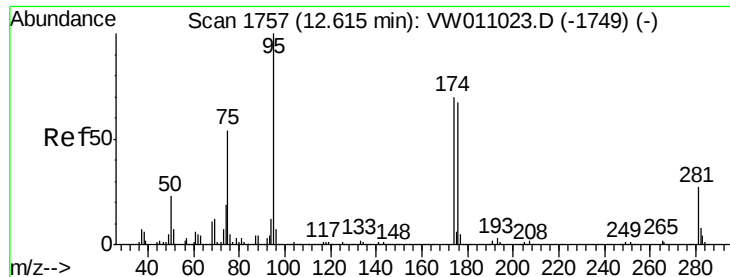
Tgt Ion: 92 Resp: 16745

Ion Ratio Lower Upper

92 100

91 173.3 136.9 205.3

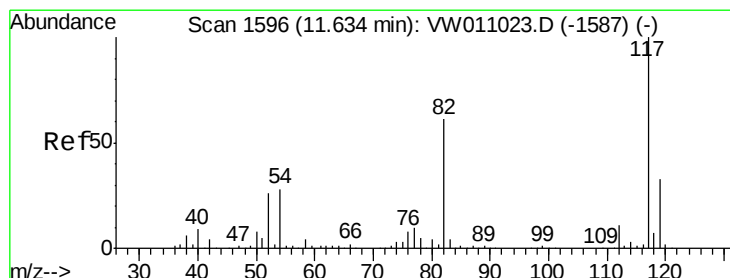
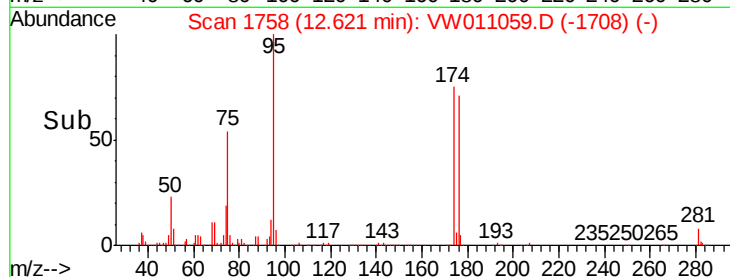
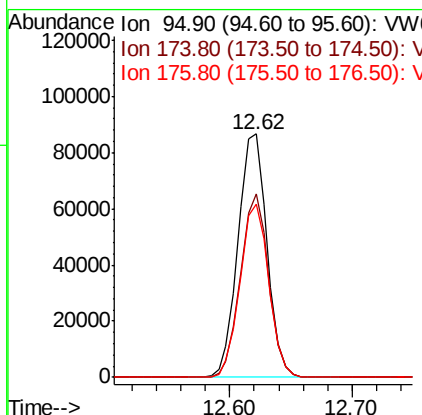
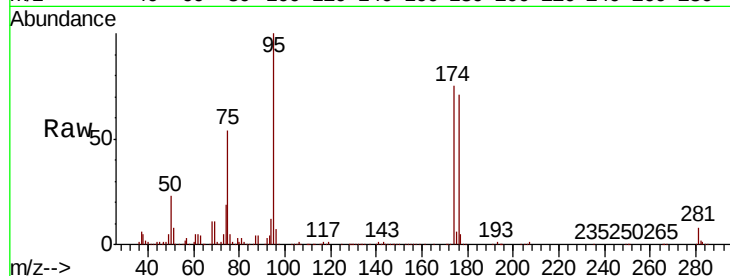




#62
4-Bromofluorobenzene
Concen: 44.258 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011059.D
Acq: 28 Jun 2019 14:18

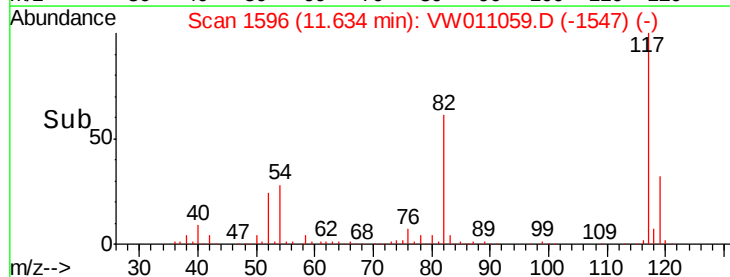
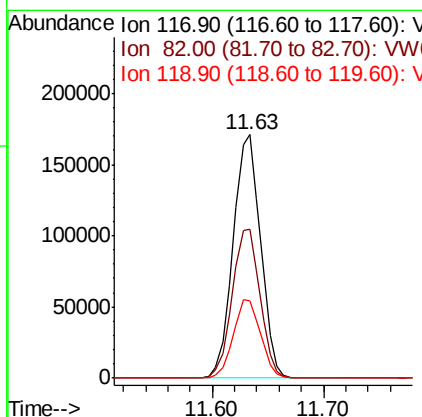
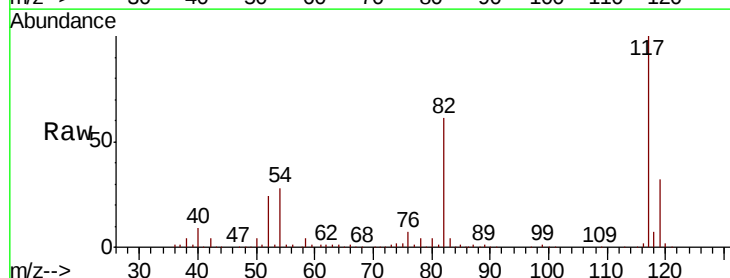
Instrument :
MSVOA_W
ClientSampleId :
TT-010-IDWSO-20190627

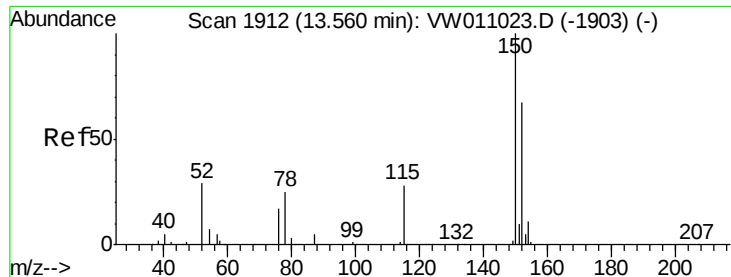
Tot Ion: 95 Resp: 141753
Ion Ratio Lower Upper
95 100
174 73.5 0.0 149.2
176 70.8 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011059.D
Acq: 28 Jun 2019 14:18

Tgt Ion: 117 Resp: 291480
Ion Ratio Lower Upper
117 100
82 61.1 48.6 73.0
119 31.5 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: VW011059.D

Acq: 28 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

TT-010-IDWSO-20190627

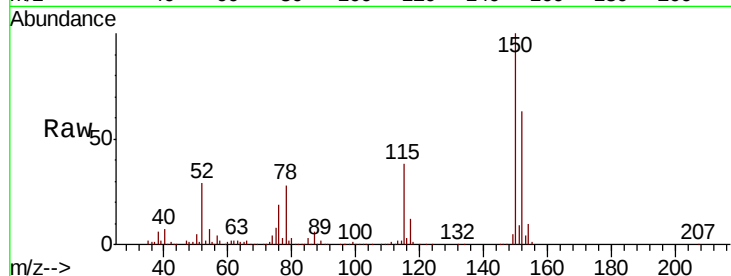
Tot Ion:152 Resp: 124371

Ion Ratio Lower Upper

152 100

115 60.8 30.7 92.1

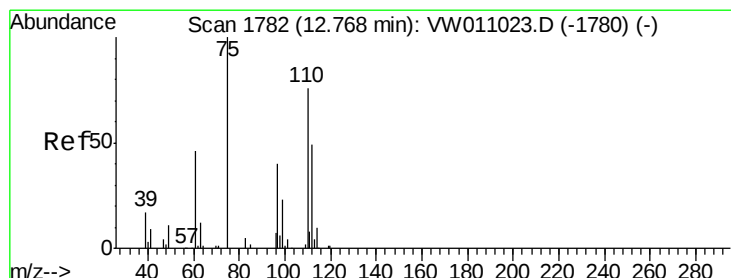
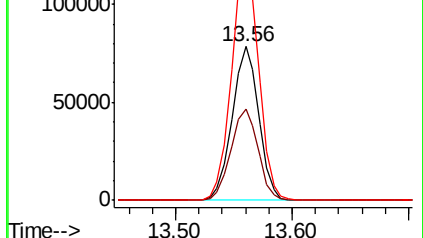
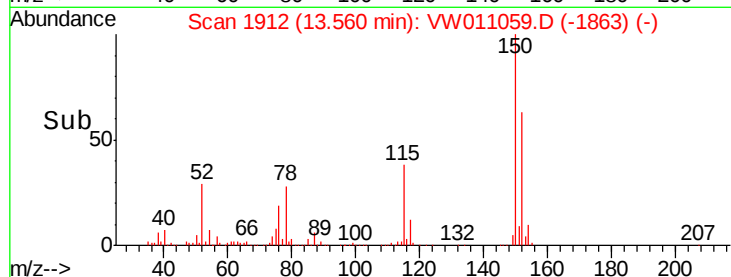
150 158.3 0.0 341.8



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



#76

1,2,3-Trichloropropane

Concen: 59.313 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011059.D

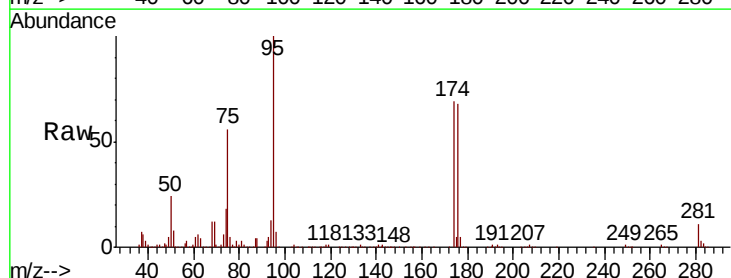
Acq: 28 Jun 2019 14:18

Tgt Ion: 75 Resp: 77880

Ion Ratio Lower Upper

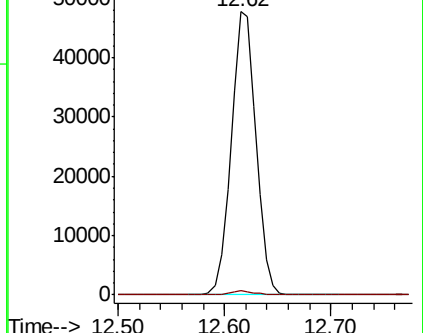
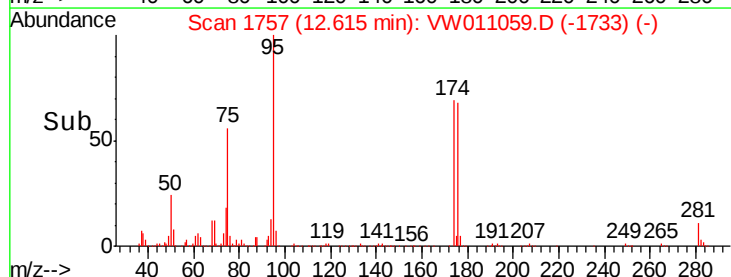
75 100

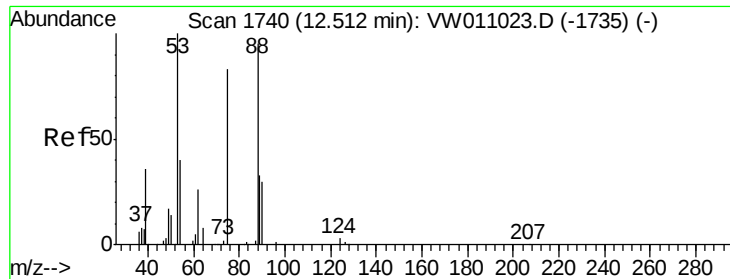
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 119.950 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011059.D

Acq: 28 Jun 2019 14:18

Instrument :

MSVOA_W

ClientSampleId :

TT-010-IDWSO-20190627

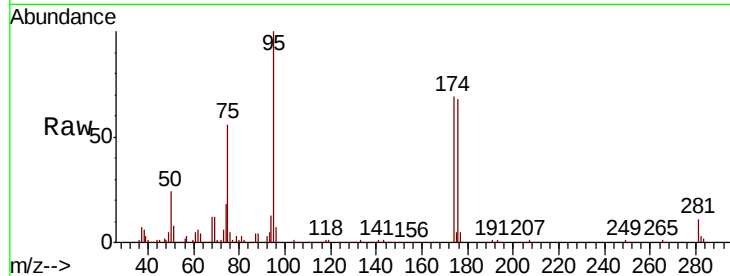
Tot Ion: 75 Resp: 77880

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.1 34.4 51.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

