

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013382.D
 Acq On : 02 Oct 2019 16:55
 Operator : SY/VA
 Sample : K5125-01
 Misc : 4.43G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-015-IDWSO-20190930

Quant Time: Oct 03 07:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

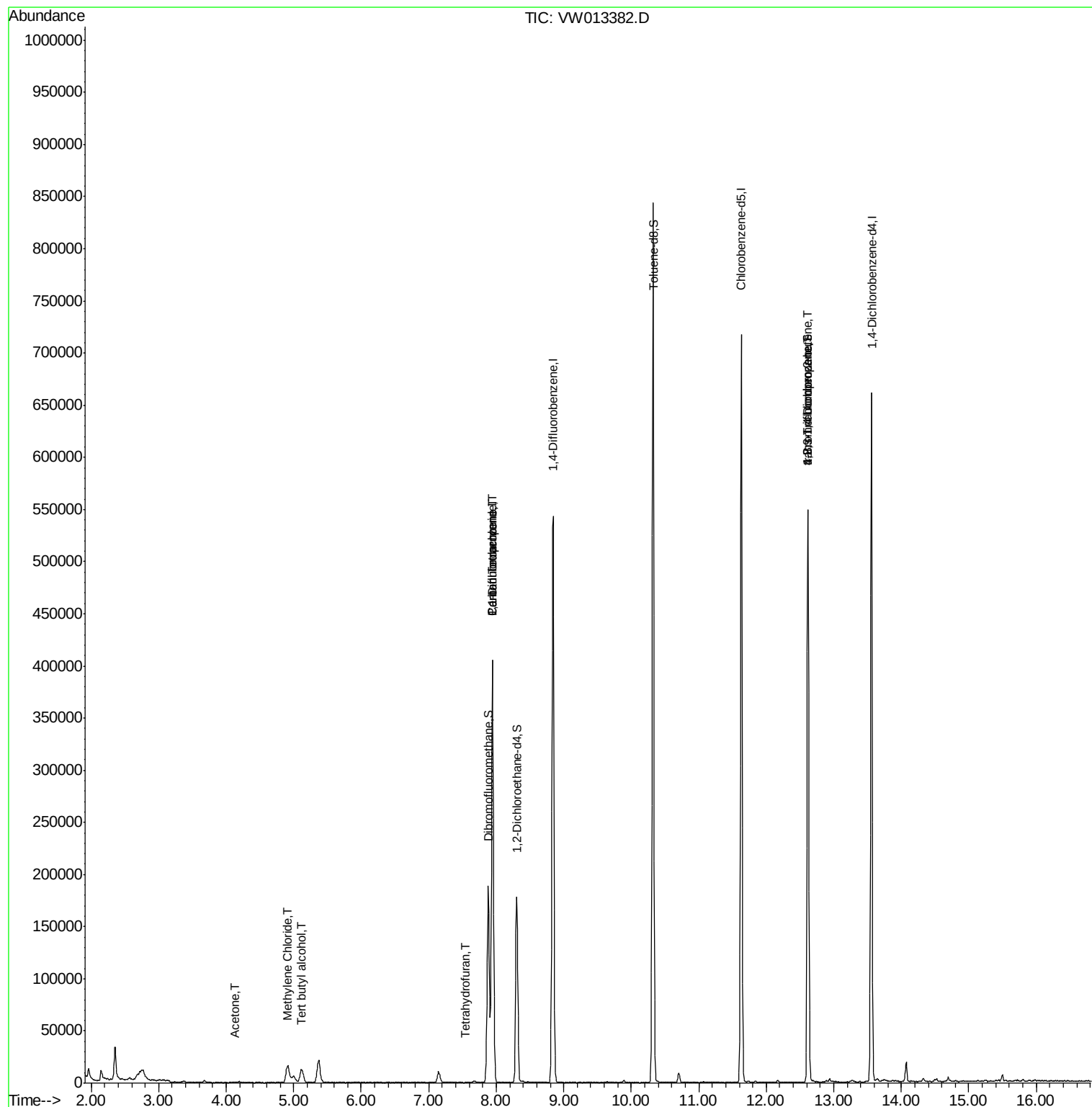
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	492365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138529	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.88	113	138144	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
50) Toluene-d8	10.32	98	568798	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.62	95	182428	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.11	59	12693	37.197	ug/l #	73
16) Acetone	4.14	43	1168	1.540	ug/l #	82
20) Methylene Chloride	4.91	84	15381	3.180	ug/l	95
26) 2,2-Dichloropropane	7.16	77	383	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	74	9.819	ug/l #	12
36) 1,1-Dichloropropene	7.94	75	20276	4.434	ug/l #	43
38) Carbon Tetrachloride	7.95	117	28569	7.212	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	85720	50.309	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85720	102.196	ug/l #	12

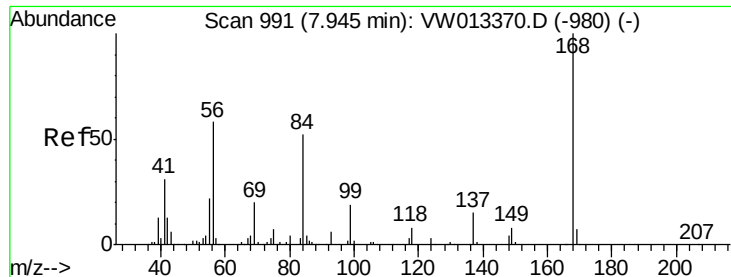
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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Instrument :
MSVOA_W
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TT-015-IDWSO-20190930

Quant Time: Oct 03 07:03:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013382.D

Acq: 02 Oct 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

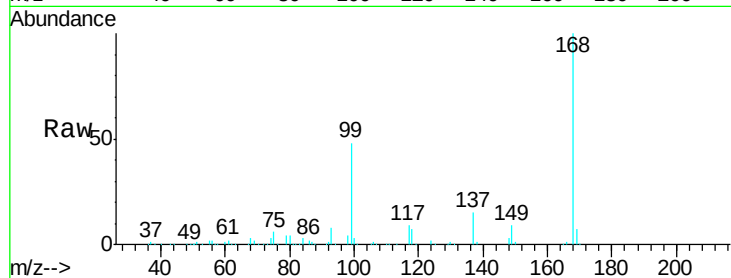
TT-015-IDWSO-20190930

Tgt Ion:168 Resp: 331463

Ion Ratio Lower Upper

168 100

99 47.8 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

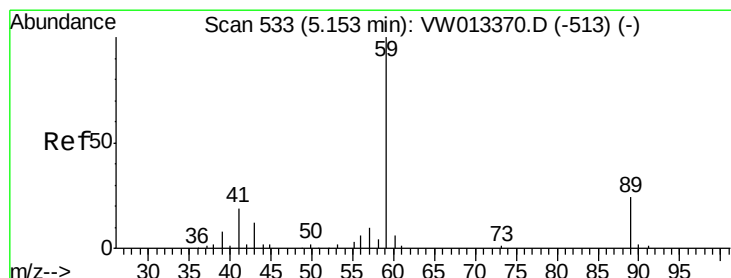
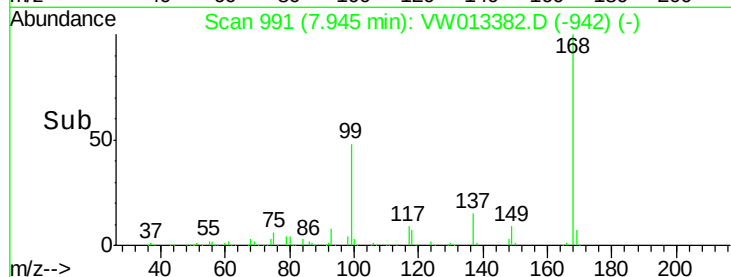
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 37.197 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.04 min

Lab File: VW013382.D

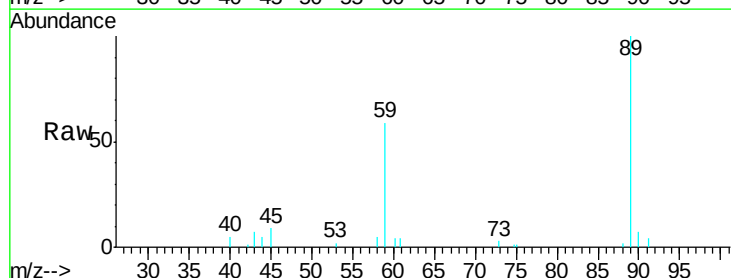
Acq: 02 Oct 2019 16:55

Tgt Ion: 59 Resp: 12693

Ion Ratio Lower Upper

59 100

57 0.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

4000

3000

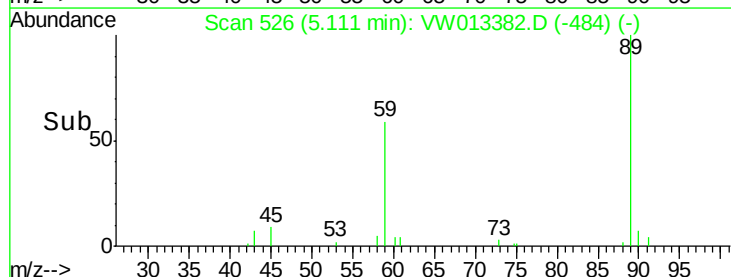
2000

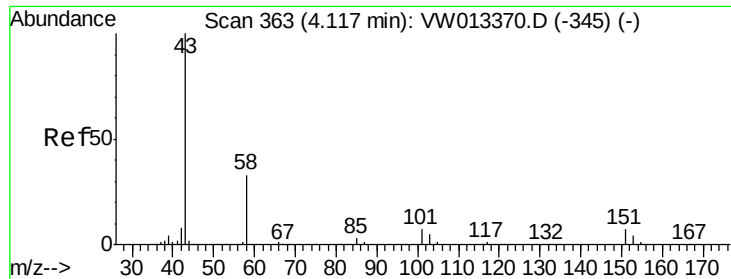
1000

0

5.00 5.10 5.20 5.30

Time-->





#16

Acetone

Concen: 1.540 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013382.D

Acq: 02 Oct 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

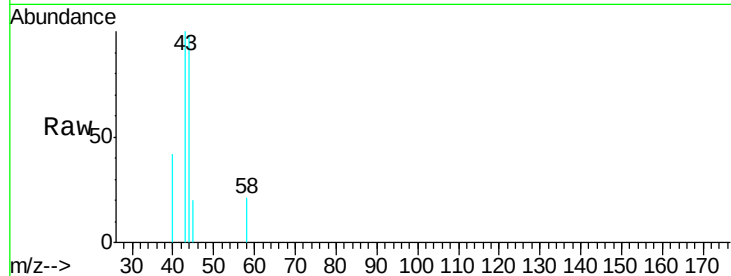
TT-015-IDWSO-20190930

Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

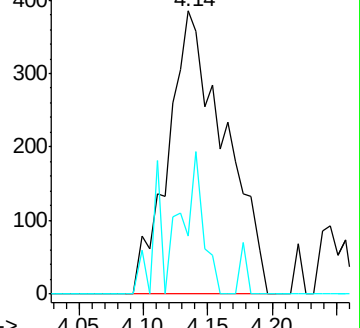
43 100

58 20.5 24.1 36.1#

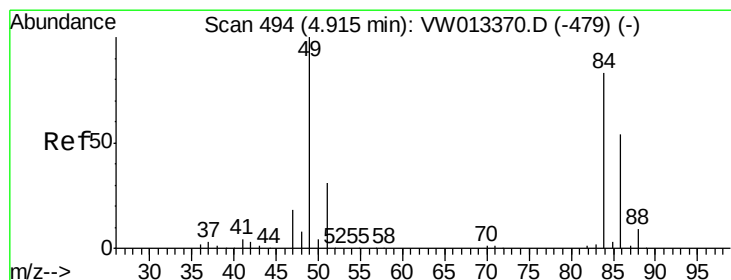
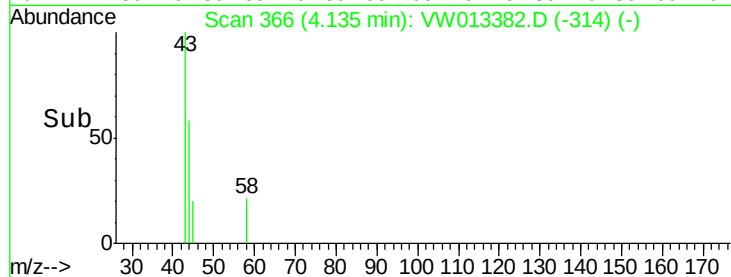


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#20

Methylene Chloride

Concen: 3.180 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW013382.D

Acq: 02 Oct 2019 16:55

Tgt Ion: 84 Resp: 15381

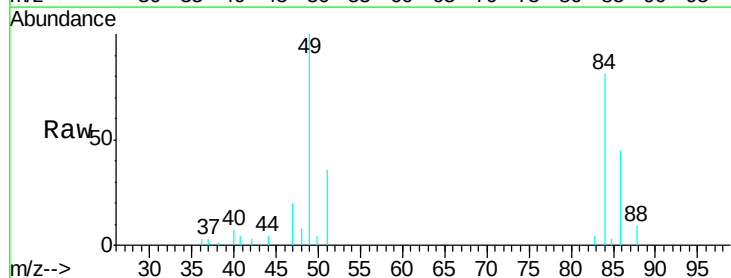
Ion Ratio Lower Upper

84 100

49 123.1 97.6 146.4

51 43.8 30.2 45.2

86 55.8 50.6 76.0

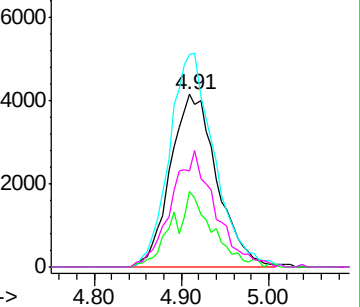


Abundance Ion 83.90 (83.60 to 84.60): VW

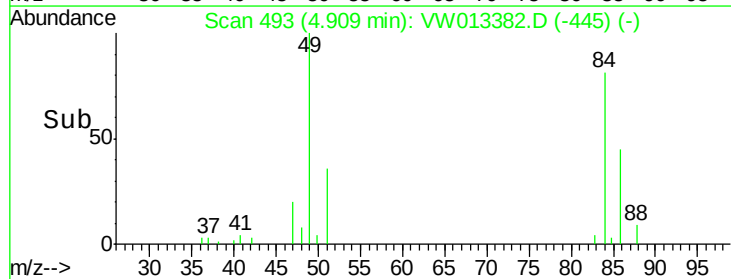
Ion 48.90 (48.60 to 49.60): VW

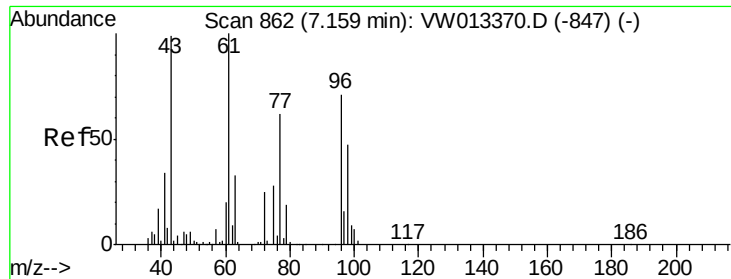
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->

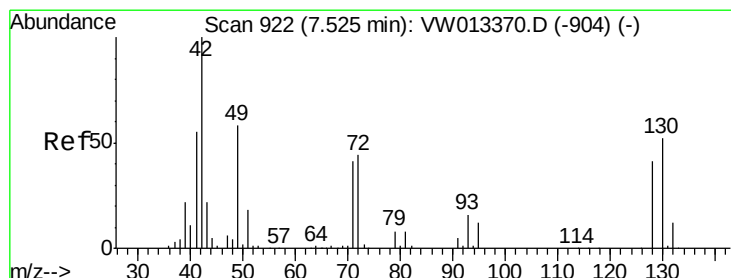
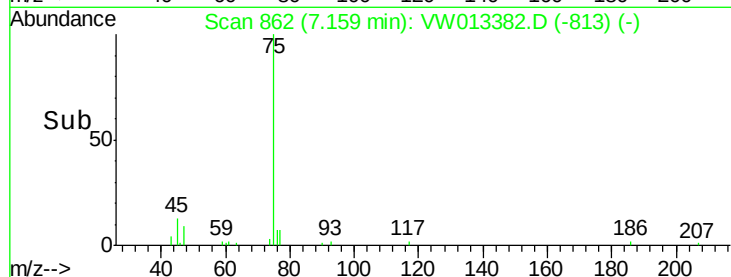
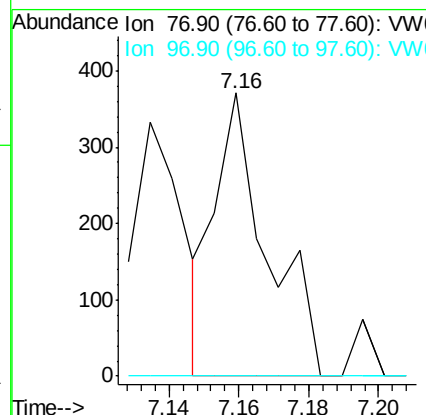
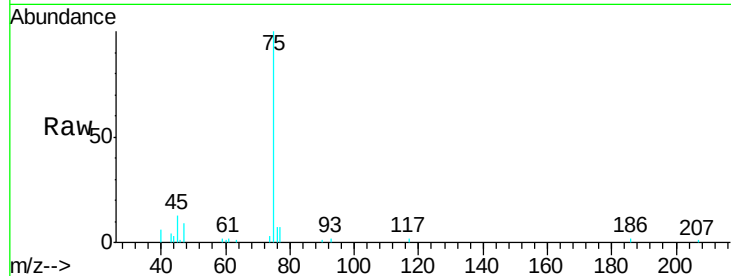




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW013382.D
 Acq: 02 Oct 2019 16:55

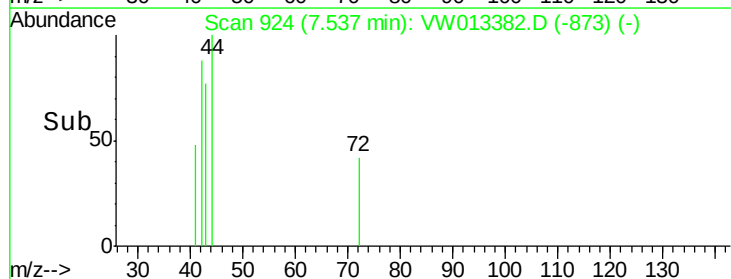
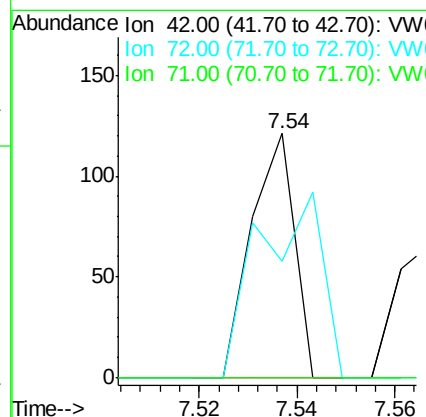
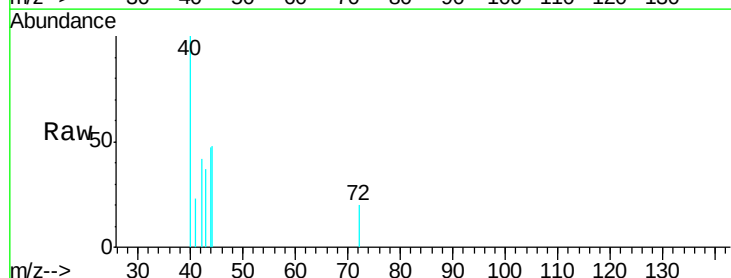
Instrument :
 MSVOA_W
 ClientSampleId :
 TT-015-IDWSO-20190930

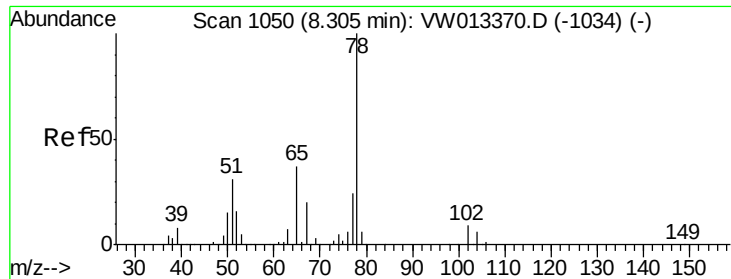
Tgt Ion: 77 Resp: 383
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 9.819 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW013382.D
 Acq: 02 Oct 2019 16:55

Tgt Ion: 42 Resp: 74
 Ion Ratio Lower Upper
 42 100
 72 112.2 33.9 50.9#
 71 0.0 31.9 47.9#

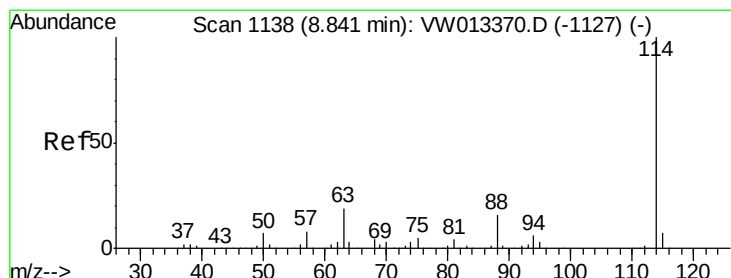
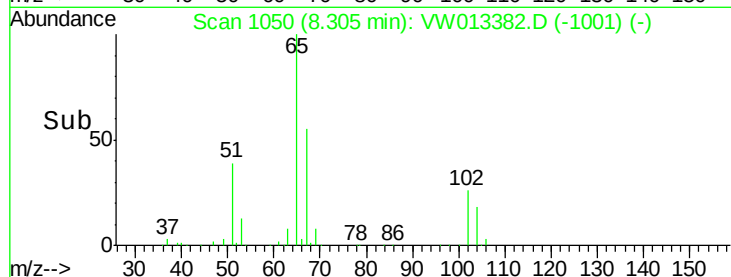
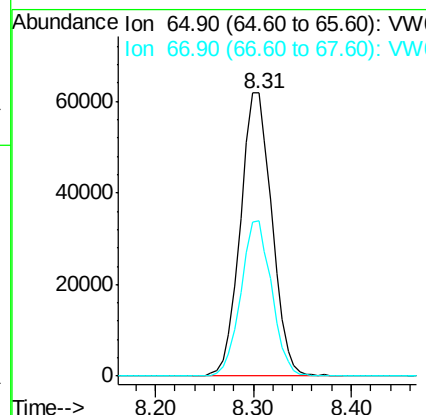
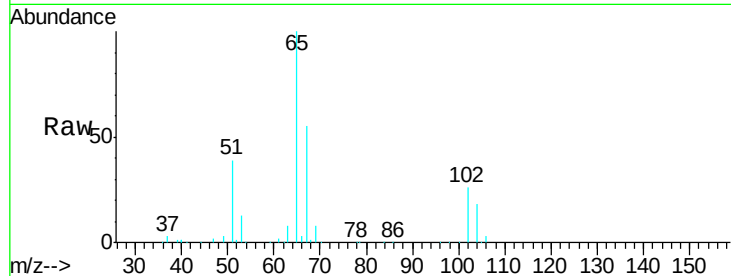




#33
 1,2-Dichloroethane-d4
 Concen: 55.973 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013382.D
 Acq: 02 Oct 2019 16:55

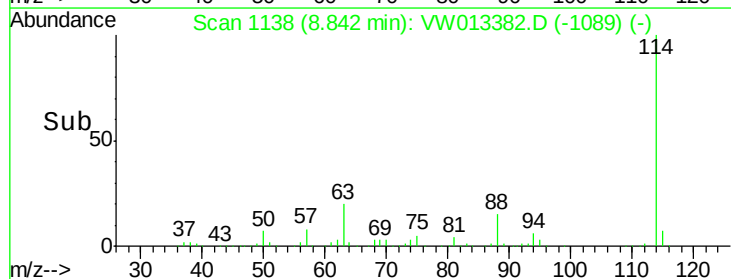
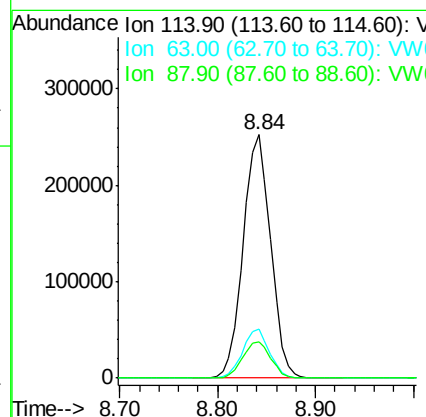
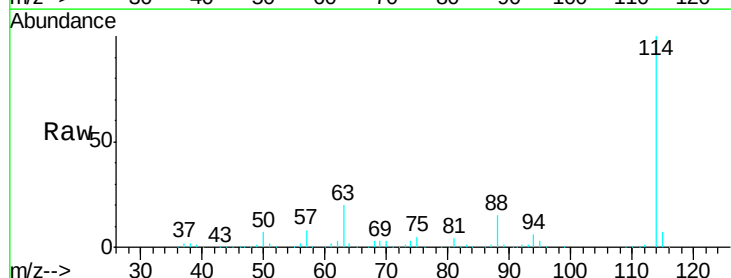
Instrument :
 MSVOA_W
 ClientSampleId :
 TT-015-IDWSO-20190930

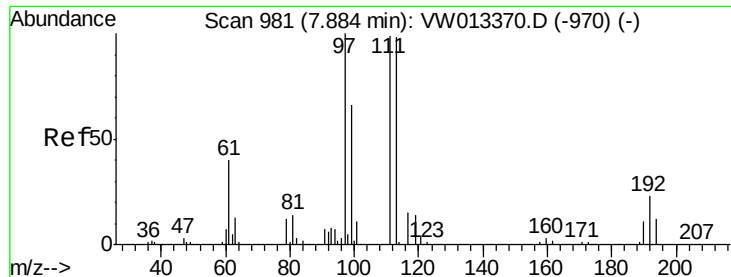
Tgt Ion: 65 Resp: 138529
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013382.D
 Acq: 02 Oct 2019 16:55

Tgt Ion: 114 Resp: 492365
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 14.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.471 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013382.D

Acq: 02 Oct 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

TT-015-IDWSO-20190930

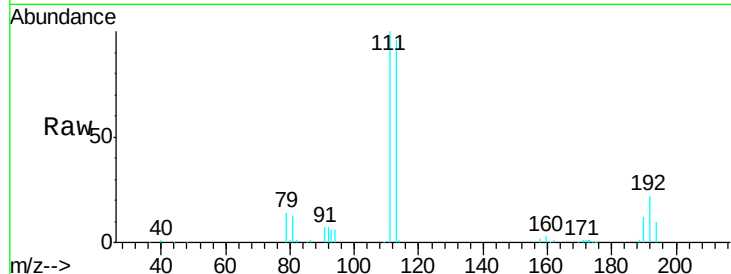
Tgt Ion:113 Resp: 138144

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

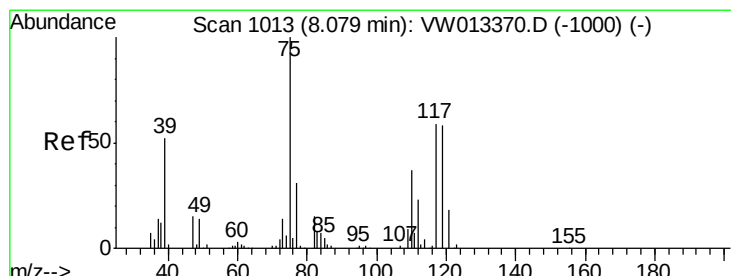
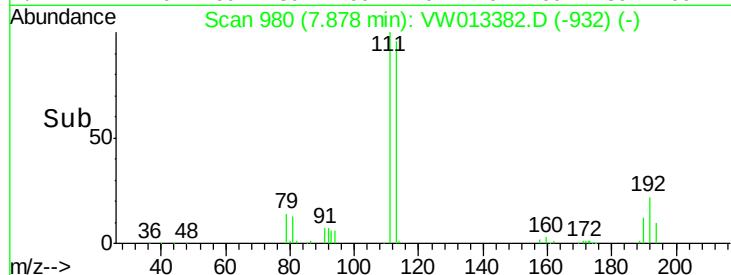
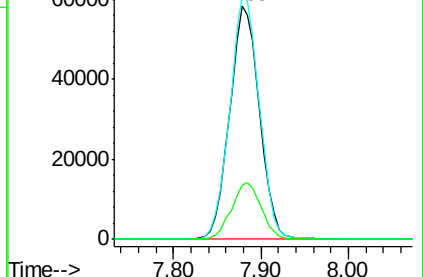
192 24.3 19.1 28.7



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: 4.434 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013382.D

Acq: 02 Oct 2019 16:55

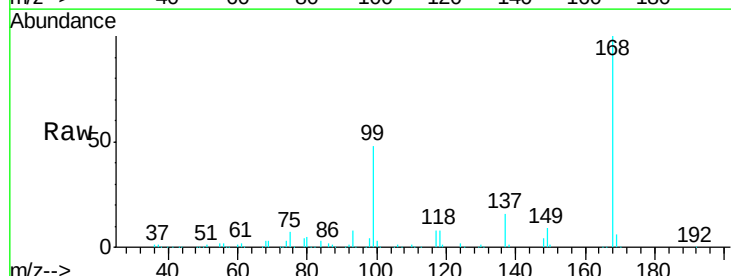
Tgt Ion: 75 Resp: 20276

Ion Ratio Lower Upper

75 100

110 2.4 18.1 54.3#

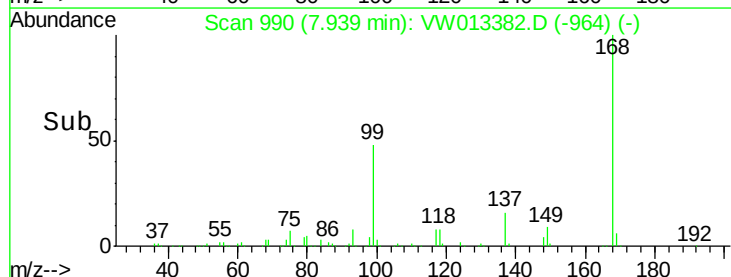
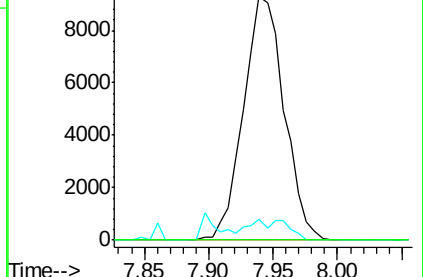
77 0.0 25.8 38.6#

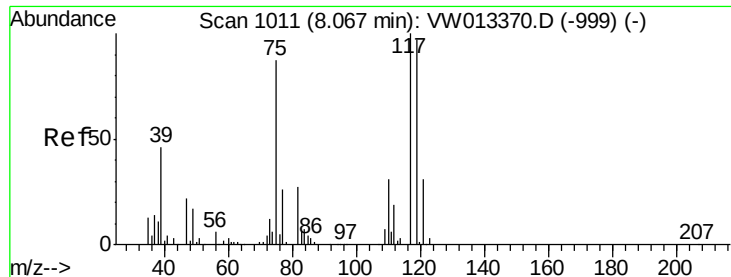


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

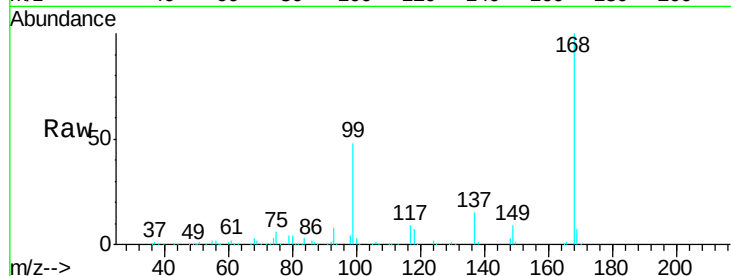




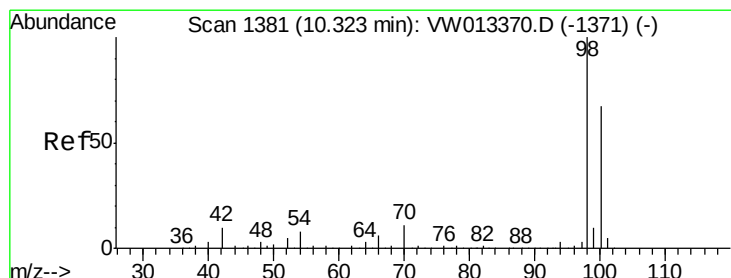
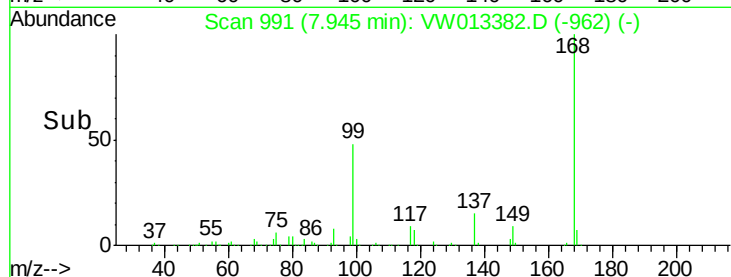
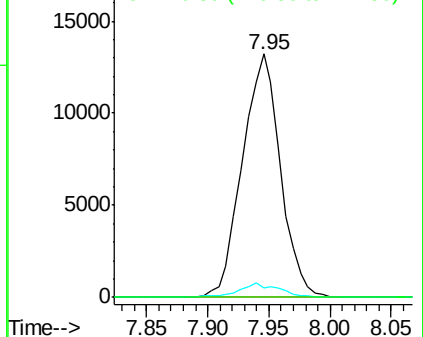
#38
Carbon Tetrachloride
Concen: 7.212 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013382.D
Acq: 02 Oct 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
TT-015-IDWSO-20190930

Tgt Ion:117 Resp: 28569
Ion Ratio Lower Upper
117 100
119 3.9 73.5 110.3#
121 0.0 25.0 37.6#

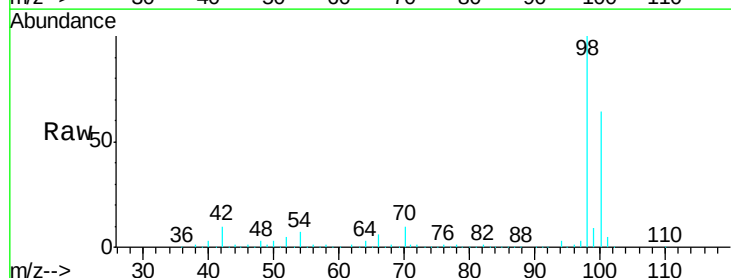


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

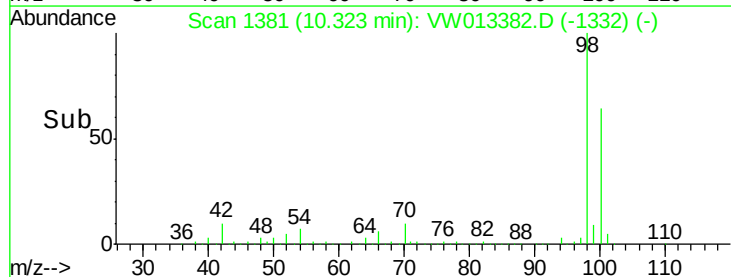
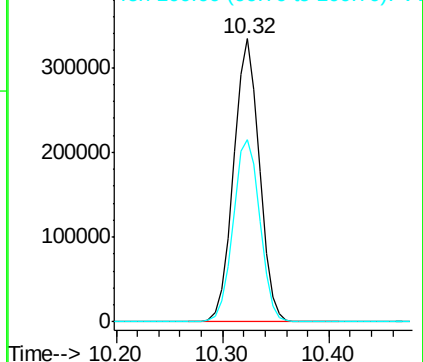


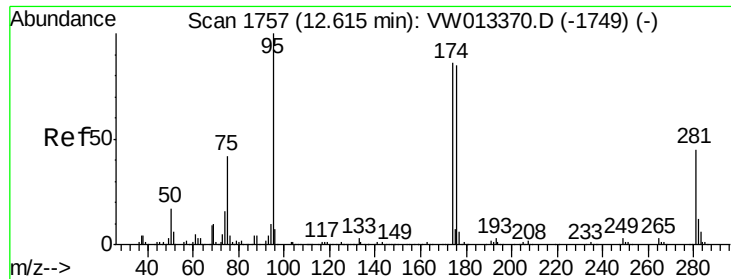
#50
Toluene-d8
Concen: 53.053 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013382.D
Acq: 02 Oct 2019 16:55

Tgt Ion: 98 Resp: 568798
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.954 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013382.D

Acq: 02 Oct 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

TT-015-IDWSO-20190930

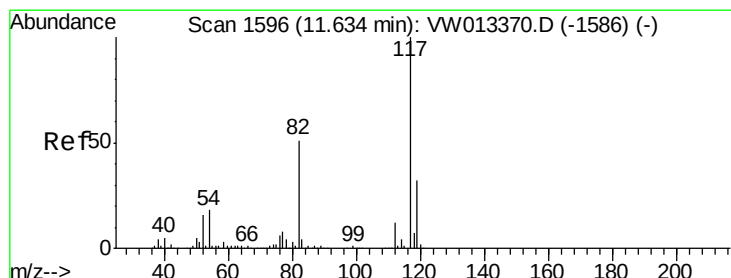
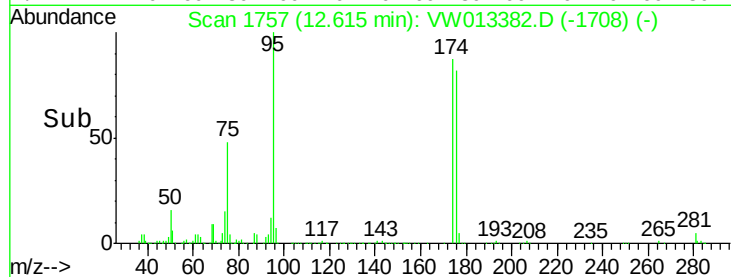
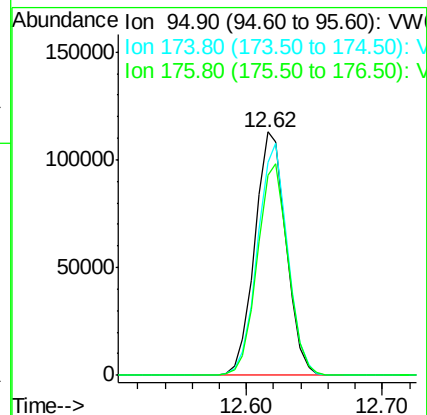
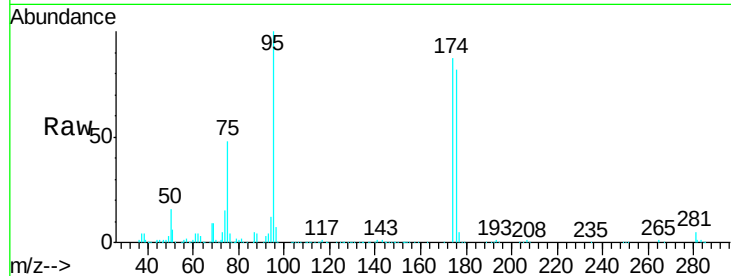
Tgt Ion: 95 Resp: 182428

Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.4

176 85.9 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW013382.D

Acq: 02 Oct 2019 16:55

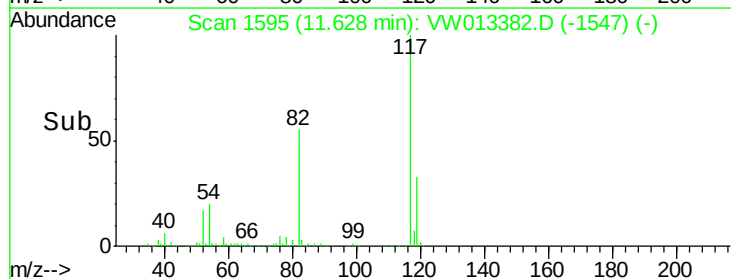
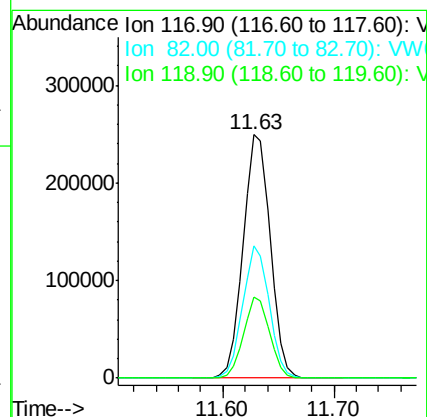
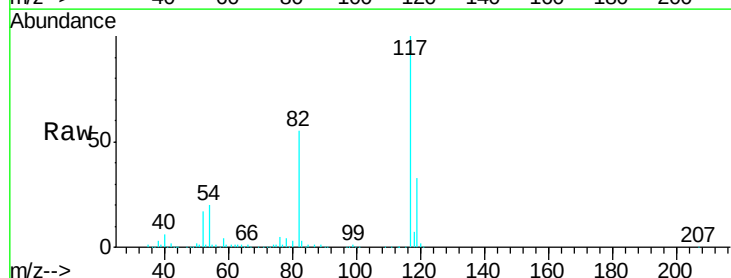
Tgt Ion: 117 Resp: 422140

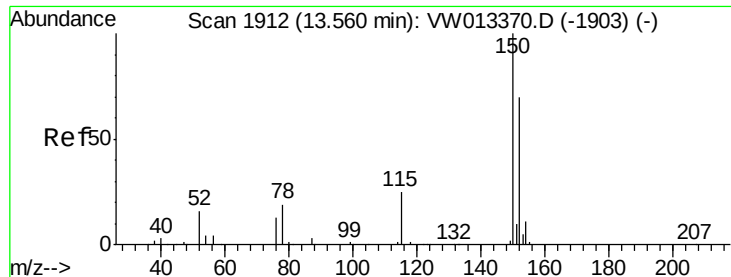
Ion Ratio Lower Upper

117 100

82 54.6 45.9 68.9

119 33.1 26.2 39.2



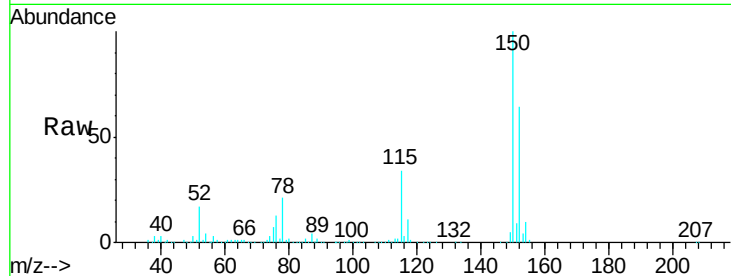


#72

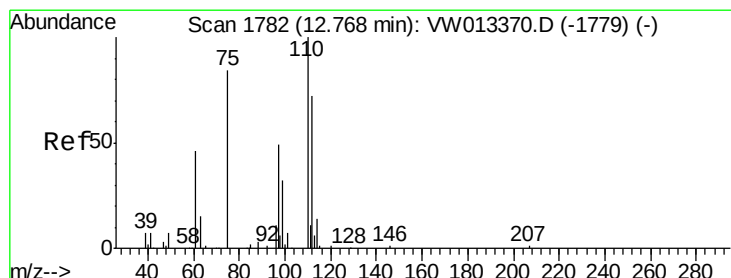
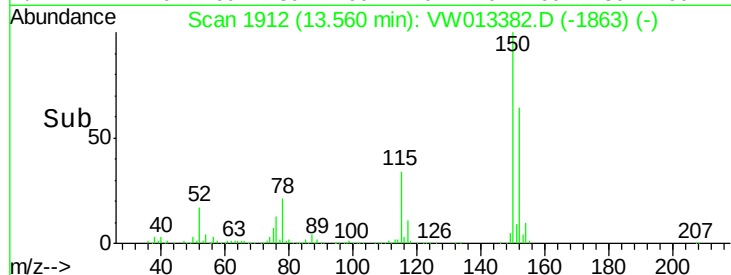
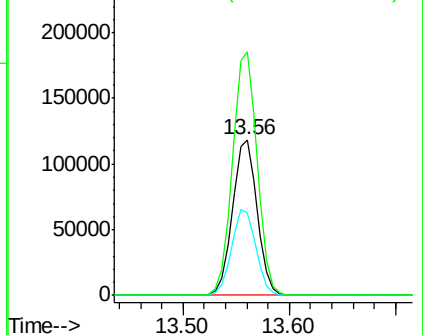
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013382.D
Acq: 02 Oct 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
TT-015-IDWSO-20190930

Tgt Ion:152 Resp: 191710
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 156.9 0.0 349.0



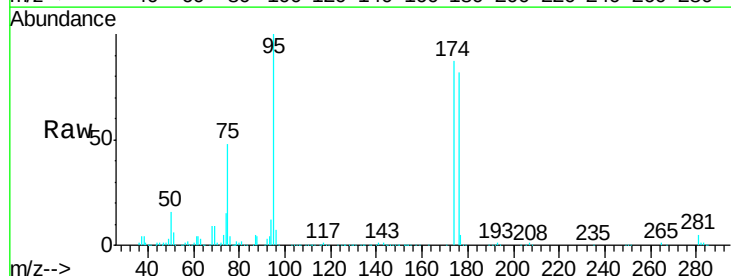
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



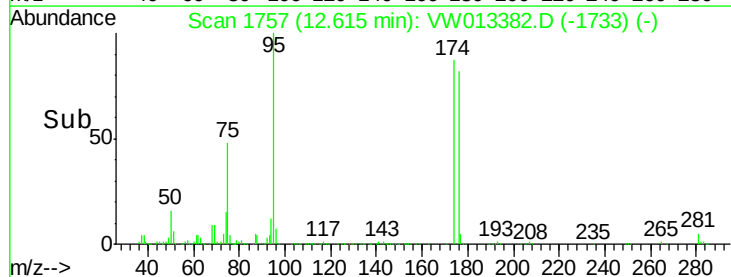
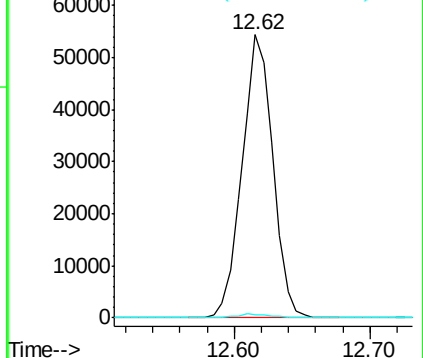
#76

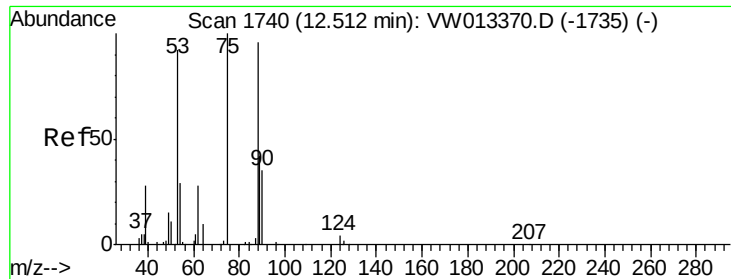
1,2,3-Trichloropropane
Concen: 50.309 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013382.D
Acq: 02 Oct 2019 16:55

Tgt Ion: 75 Resp: 85720
Ion Ratio Lower Upper
75 100
77 1.5 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: 102.196 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013382.D

Acq: 02 Oct 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

TT-015-IDWSO-20190930

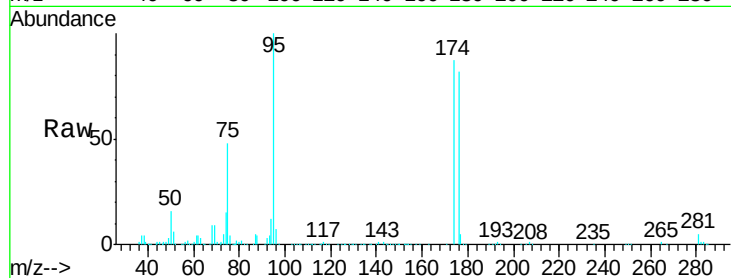
Tgt Ion: 75 Resp: 85720

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.0 33.5 50.3#



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

