

Data File : VW005917.D
Acq On : 09 Oct 2018 02:45
Operator : SY/AP
Sample : J5306-01
Misc : 6.46G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-10-V

Quant Time: Oct 09 06:16:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	301528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	130044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	62109	31.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.26%	
35) Dibromofluoromethane	7.88	113	61576	31.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.98%	
50) Toluene-d8	10.33	98	206026	27.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.64%	
62) 4-Bromofluorobenzene	12.62	95	77955	27.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.32%	

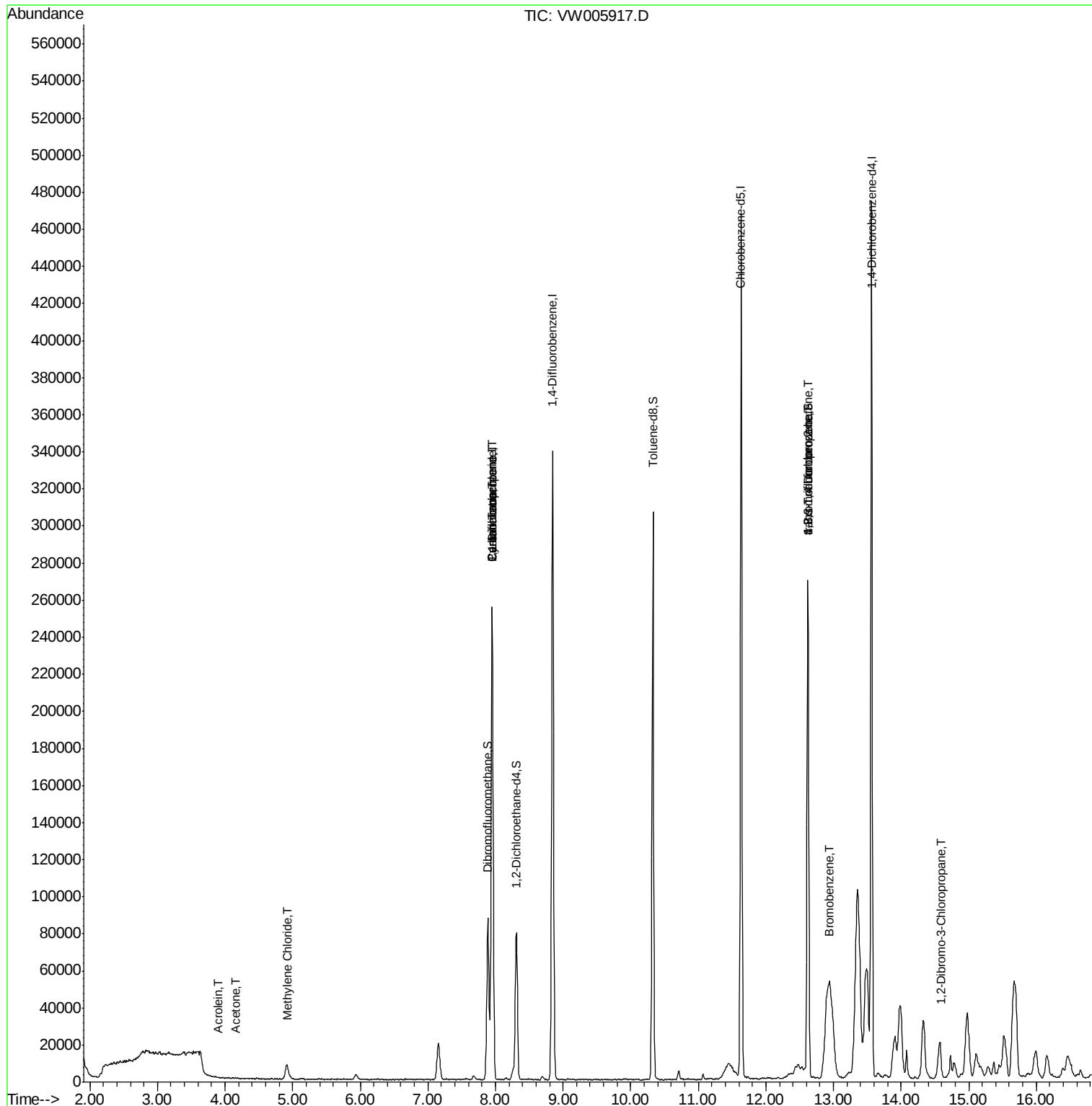
Target Compounds			Qvalue			
13) Acrolein	3.90	56	171	1.312	ug/l #	81
16) Acetone	4.15	43	601	1.508	ug/l #	59
20) Methylene Chloride	4.92	84	6401	3.206	ug/l	92
31) Cyclohexane	7.95	56	4504	1.289	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	13513	4.677	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18481	5.954	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	39577	34.070	ug/l #	100
77) Bromobenzene	12.94	156	88484	39.324	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	39577	71.925	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.59	75	582	2.006	ug/l #	1

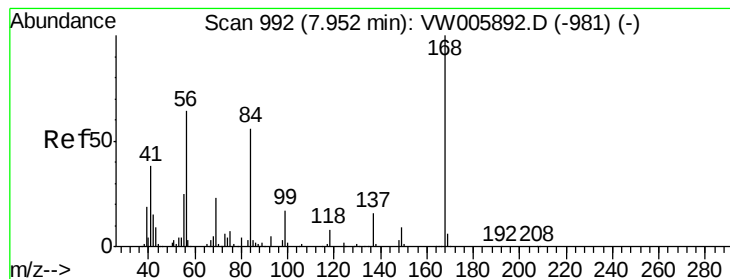
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW005917.D
Acq On : 09 Oct 2018 02:45
Operator : SY/AP
Sample : J5306-01
Misc : 6.46G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
S-10-V

Quant Time: Oct 09 06:16:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampled :

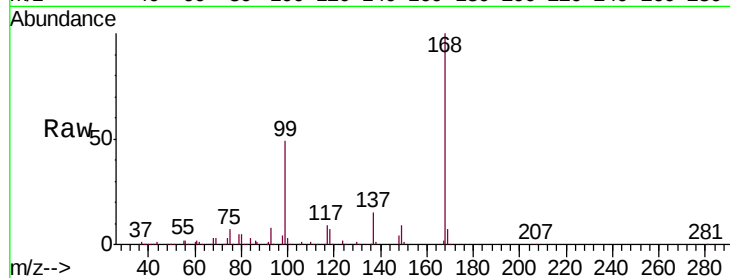
S-10-V

Tgt Ion:168 Resp: 205524

Ion Ratio Lower Upper

168 100

99 49.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

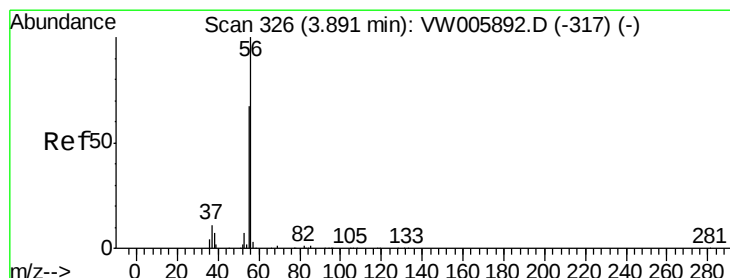
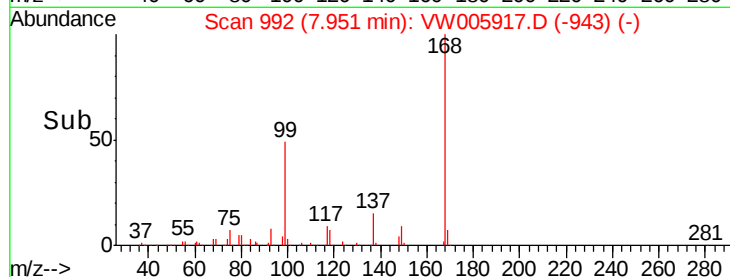
40000

20000

0

7.90 8.00

Time-->



#13

Acrolein

Concen: 1.312 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005917.D

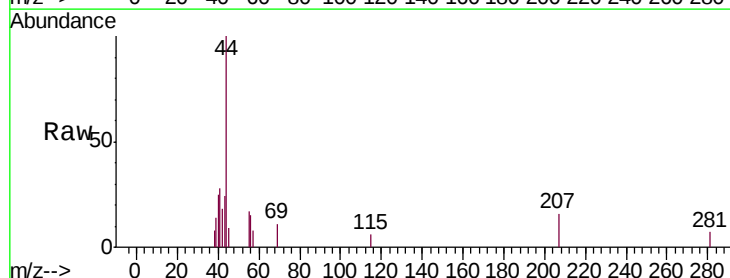
Acq: 09 Oct 2018 02:45

Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 83.6 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

200

150

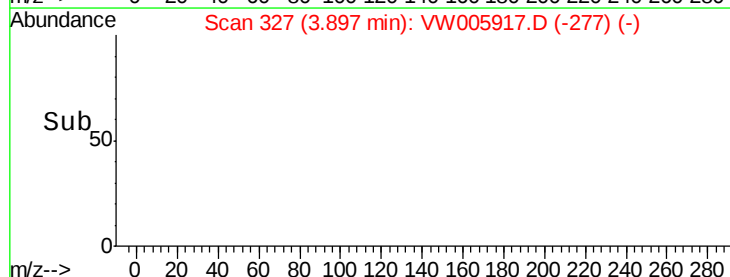
100

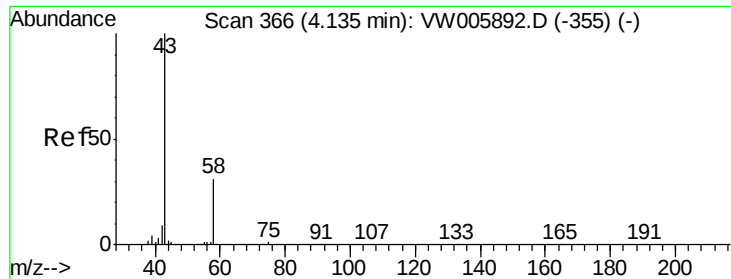
50

0

3.88 3.90 3.92

Time-->





#16

Acetone

Concen: 1.508 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampled :

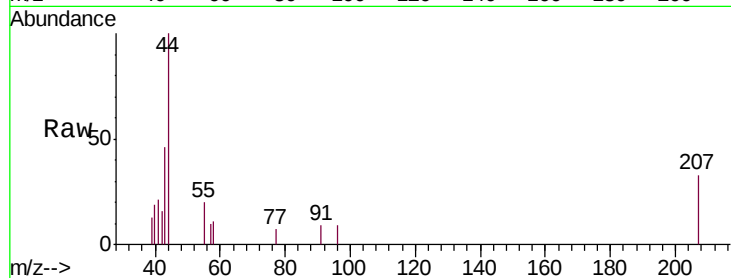
S-10-V

Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

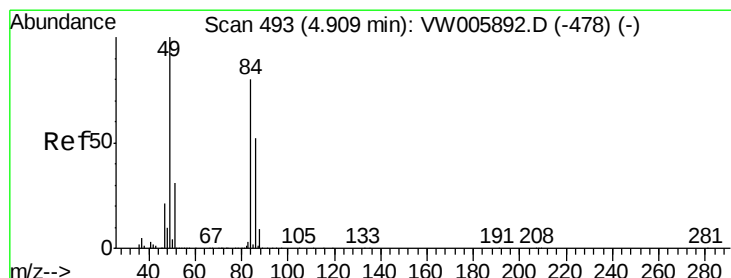
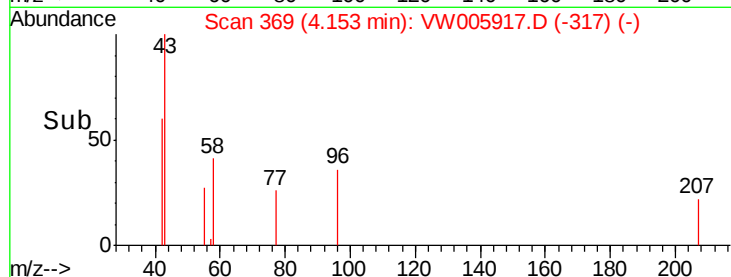
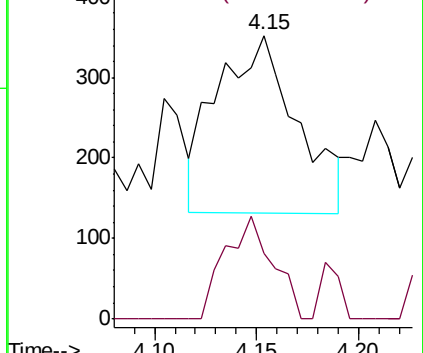
43 100

58 53.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.206 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Tgt Ion: 84 Resp: 6401

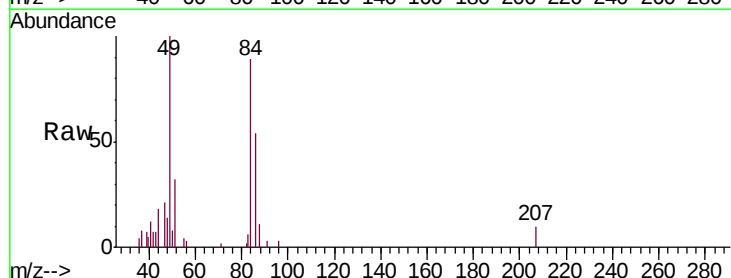
Ion Ratio Lower Upper

84 100

49 112.9 99.9 149.9

51 35.6 31.1 46.7

86 61.5 51.8 77.6

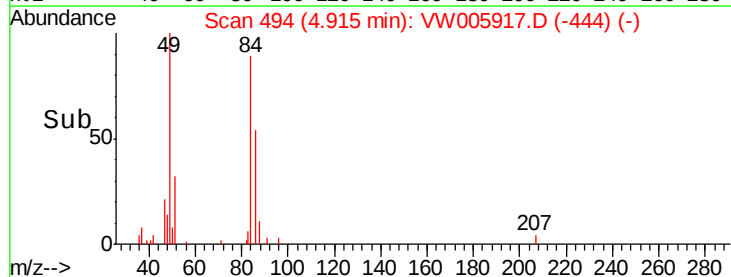
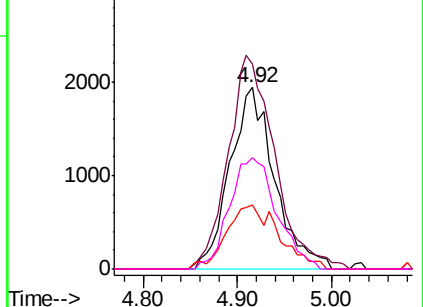


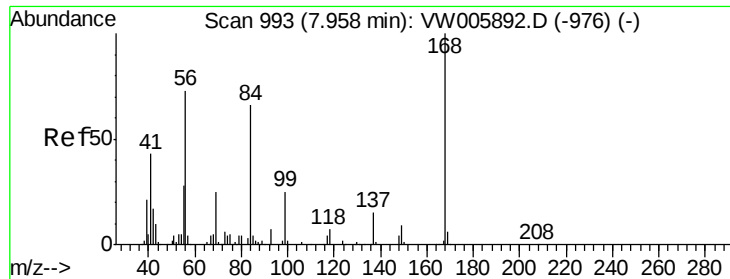
Abundance Ion 83.90 (83.60 to 84.60): VW

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

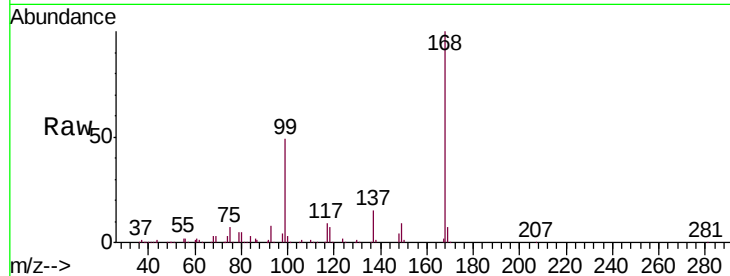




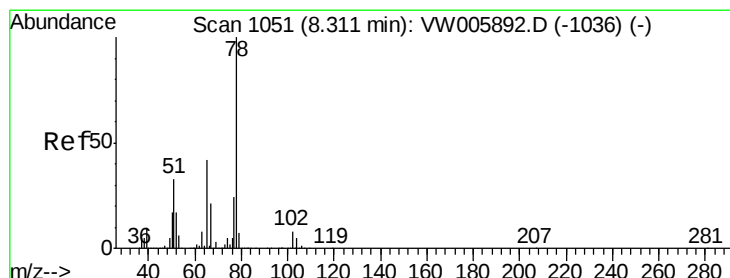
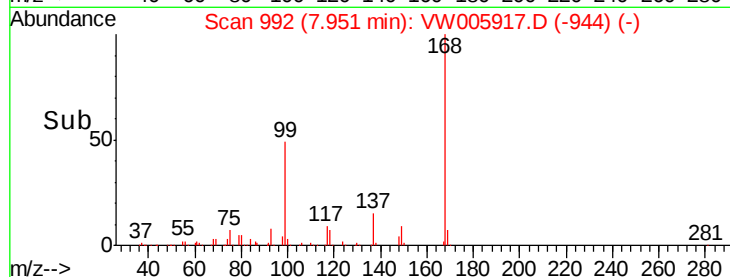
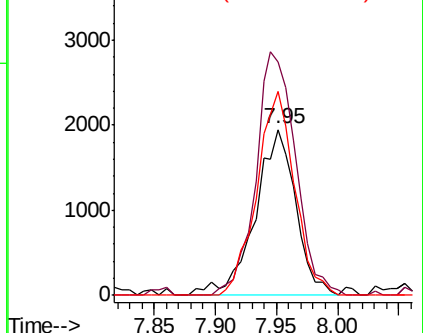
#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005917.D
Acq: 09 Oct 2018 02:45

Instrument :
MSVOA_W
ClientSampleId :
S-10-V

Tgt Ion: 56 Resp: 4504
Ion Ratio Lower Upper
56 100
69 140.4 27.9 41.9#
84 123.0 72.3 108.5#

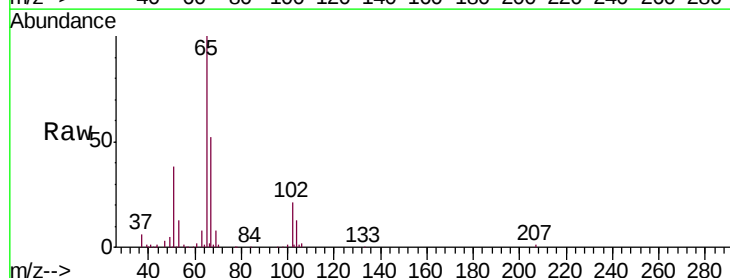


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

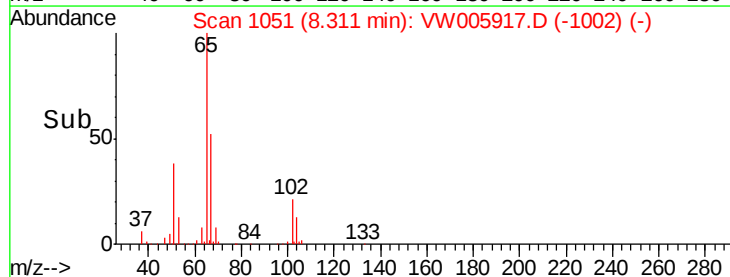
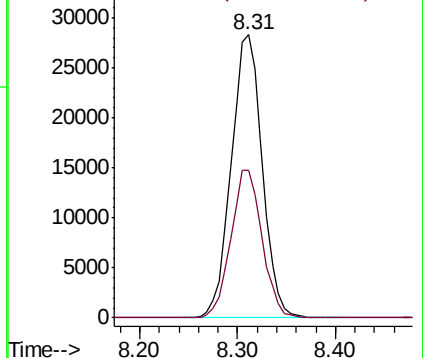


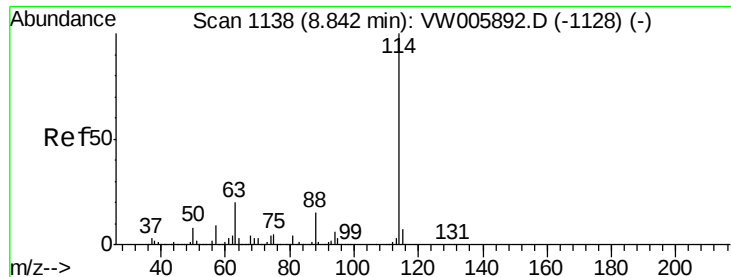
#33
1,2-Dichloroethane-d4
Concen: 31.130 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005917.D
Acq: 09 Oct 2018 02:45

Tgt Ion: 65 Resp: 62109
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.6



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

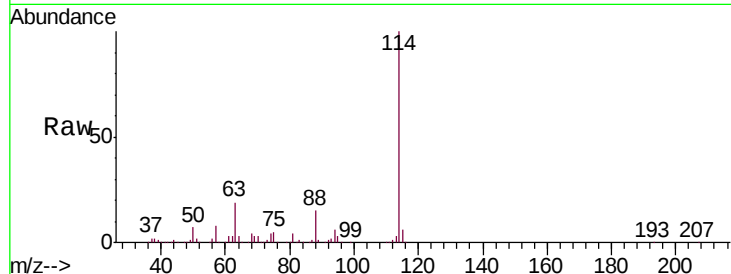




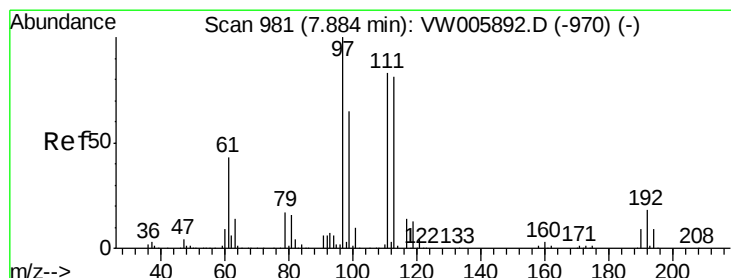
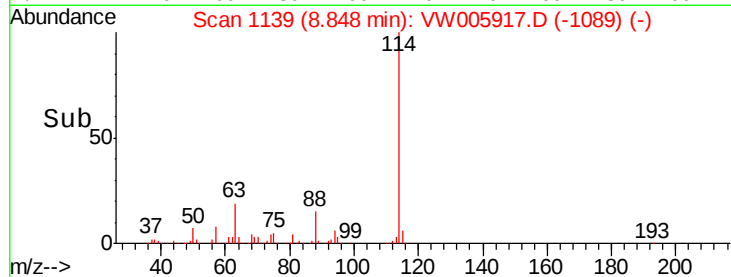
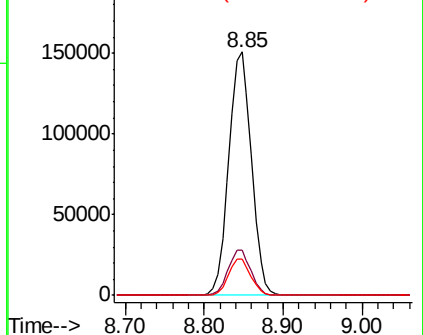
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW005917.D
Acq: 09 Oct 2018 02:45

Instrument :
MSVOA_W
ClientSampleId :
S-10-V

Tgt Ion:114 Resp: 301528
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.2
88 15.0 0.0 30.8

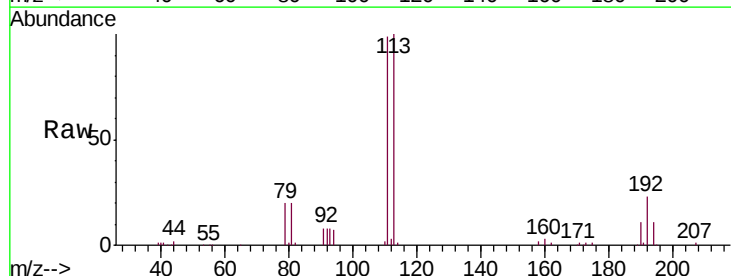


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

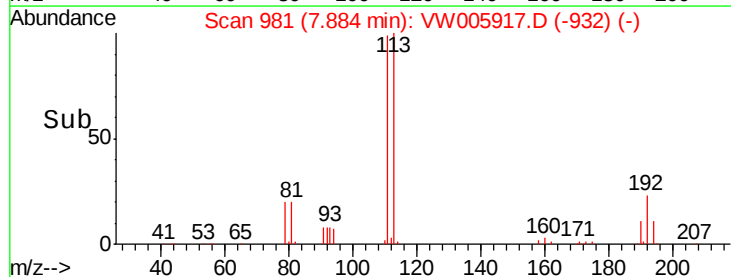
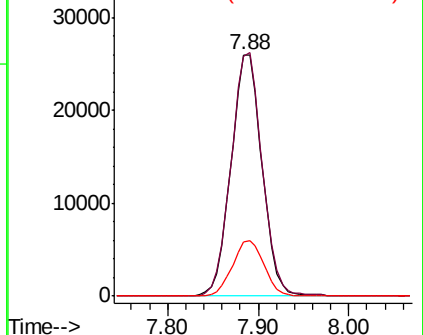


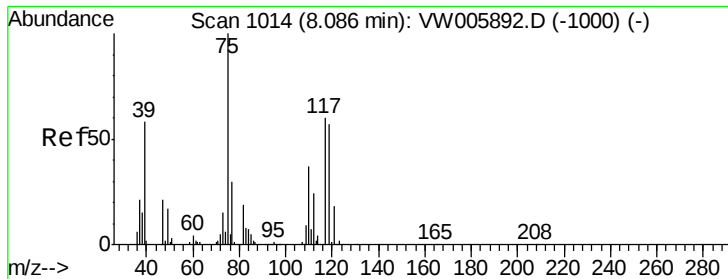
#35
Dibromofluoromethane
Concen: 31.985 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW005917.D
Acq: 09 Oct 2018 02:45

Tgt Ion:113 Resp: 61576
Ion Ratio Lower Upper
113 100
111 101.4 82.0 123.0
192 23.4 18.3 27.5



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: 4.677 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampled :

S-10-V

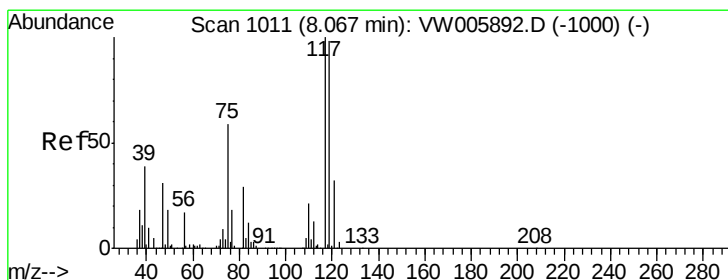
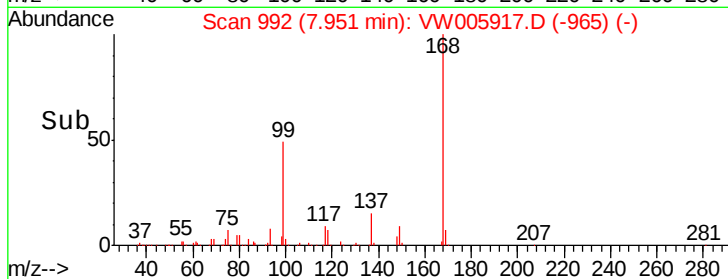
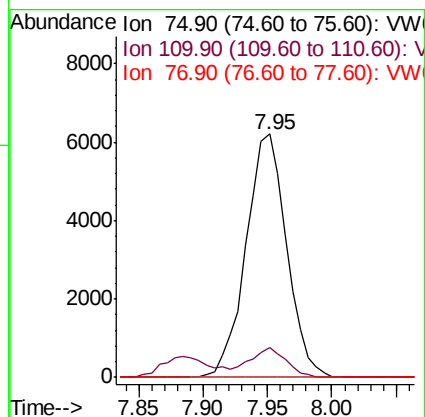
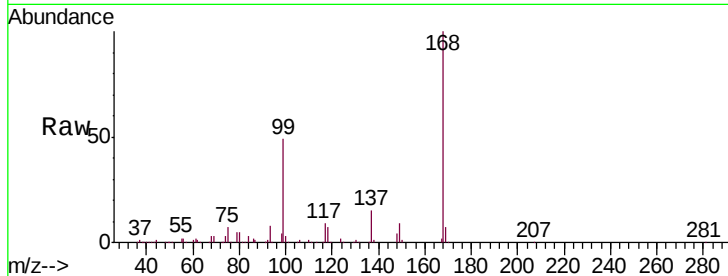
Tgt Ion: 75 Resp: 13513

Ion Ratio Lower Upper

75 100

110 11.1 18.6 56.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.954 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

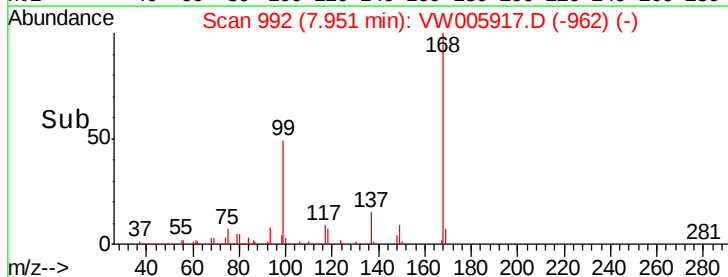
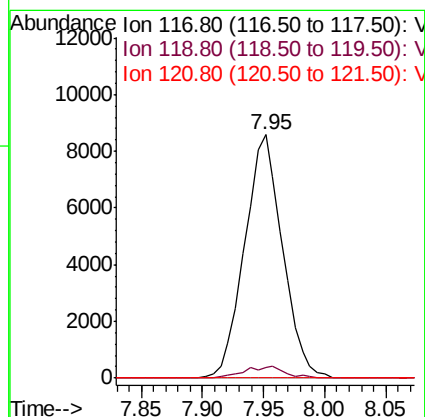
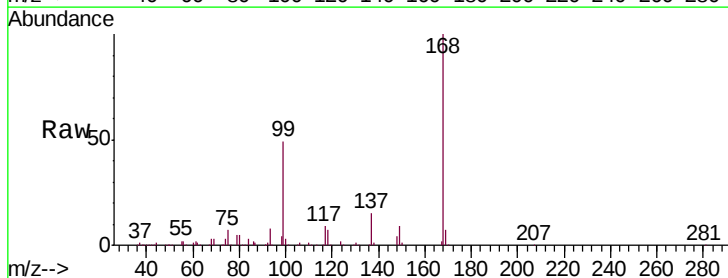
Tgt Ion: 117 Resp: 18481

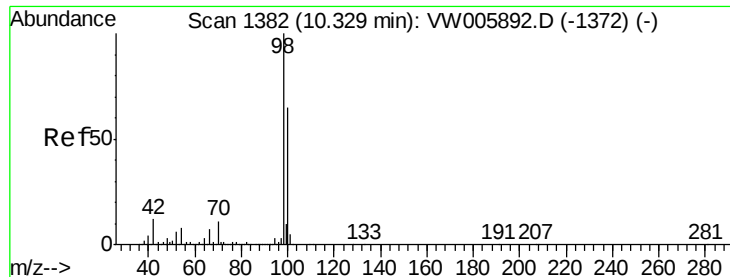
Ion Ratio Lower Upper

117 100

119 4.3 78.6 117.8#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 27.816 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

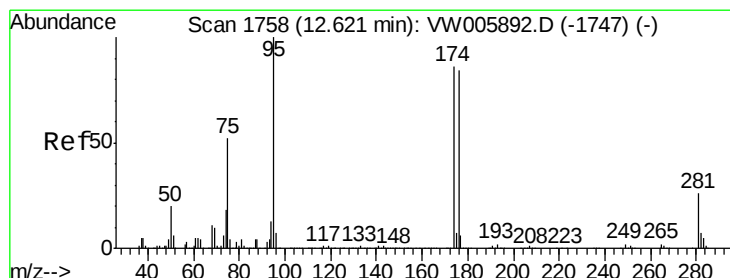
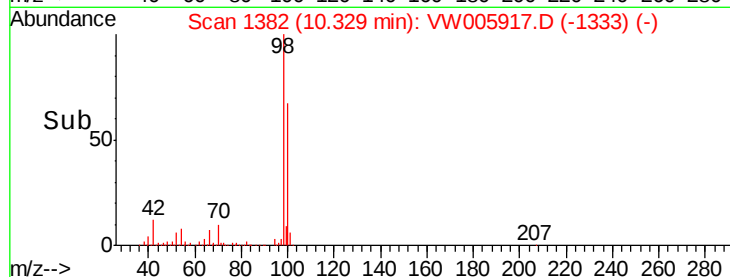
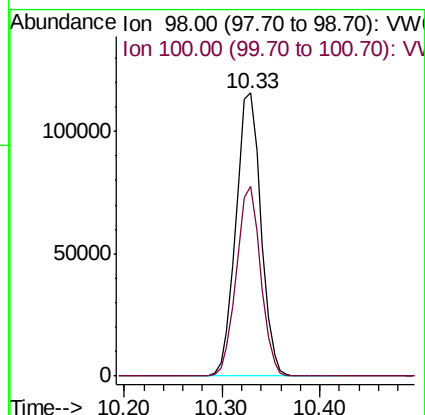
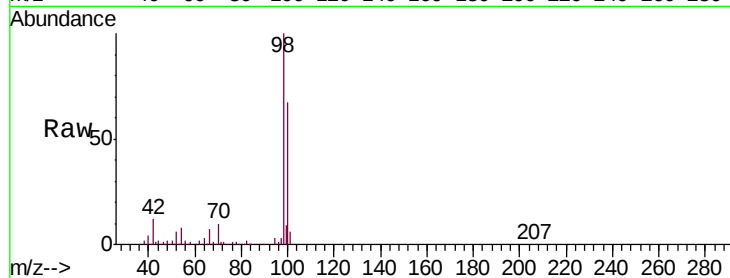
S-10-V

Tgt Ion: 98 Resp: 206026

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 27.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

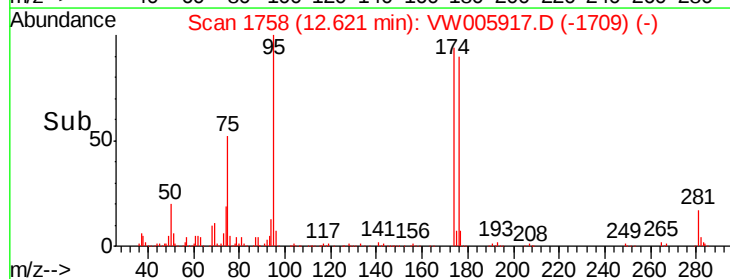
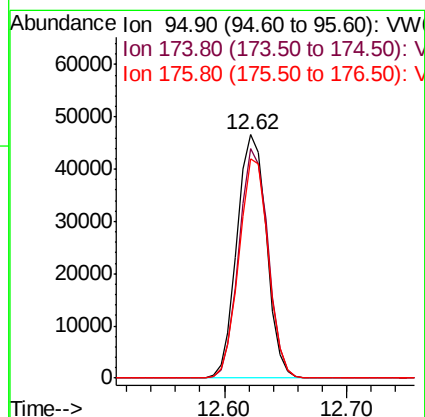
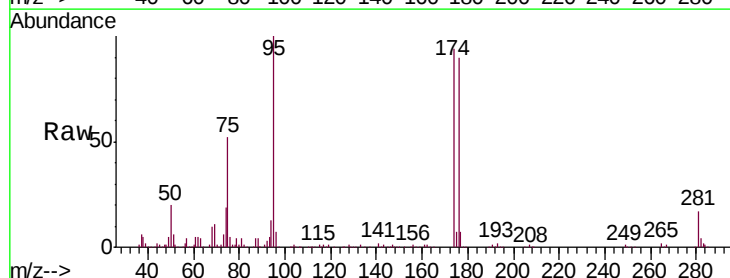
Tgt Ion: 95 Resp: 77955

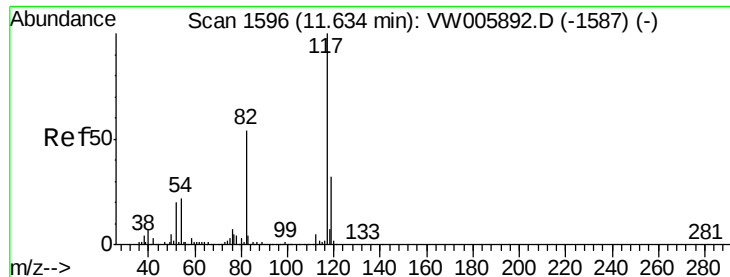
Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.4

176 89.5 0.0 173.0

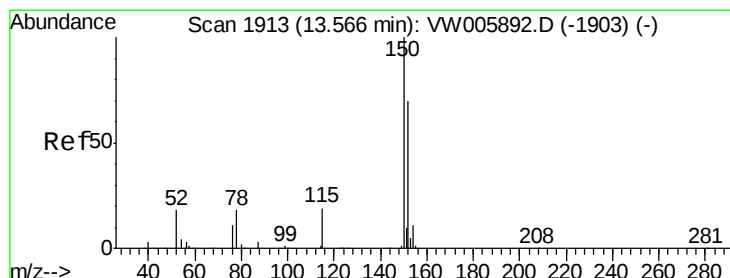
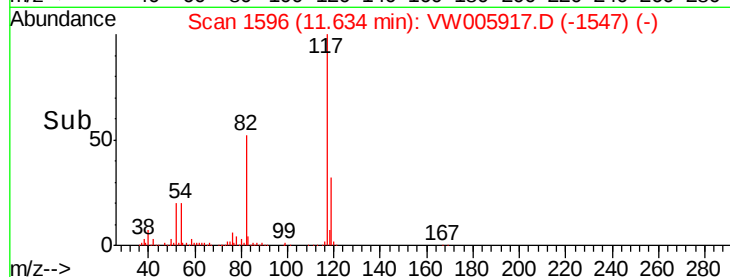
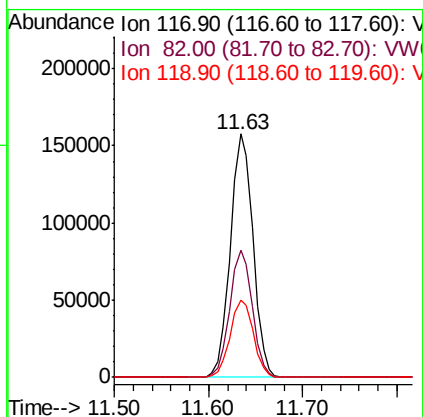
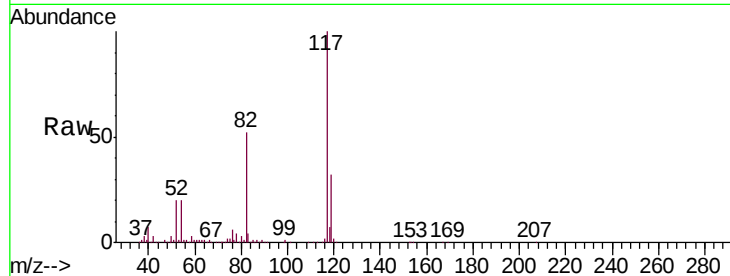




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005917.D
Acq: 09 Oct 2018 02:45

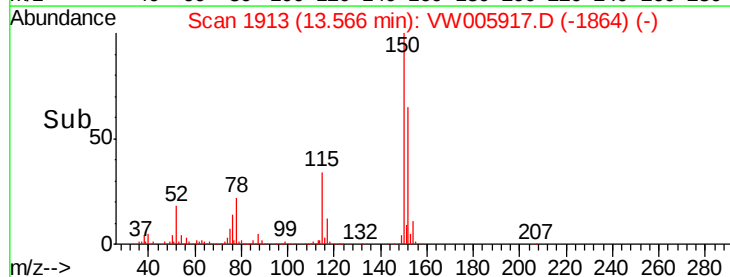
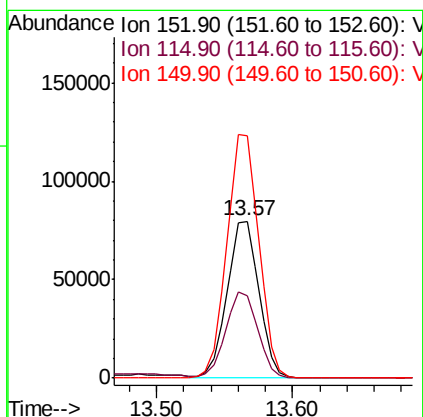
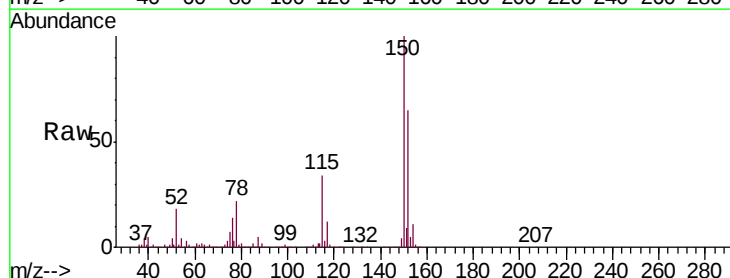
Instrument :
MSVOA_W
ClientSampleId :
S-10-V

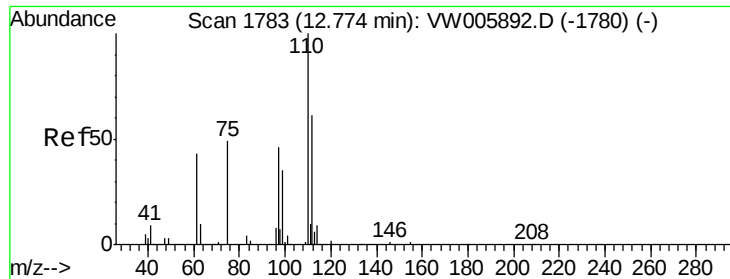
Tgt Ion:117 Resp: 262811
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005917.D
Acq: 09 Oct 2018 02:45

Tgt Ion:152 Resp: 130044
Ion Ratio Lower Upper
152 100
115 54.9 28.3 85.0
150 155.6 0.0 349.2

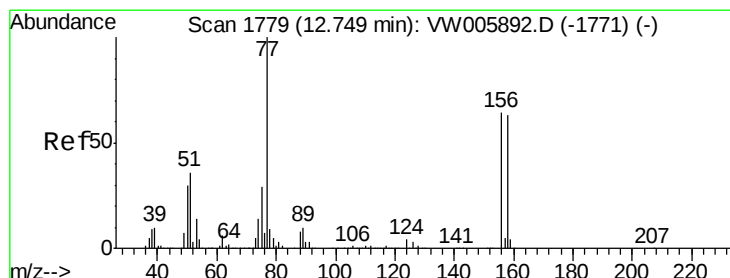
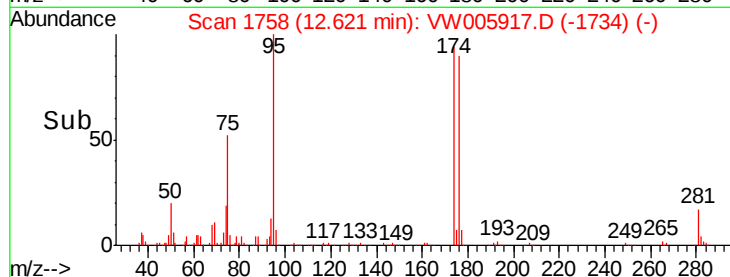
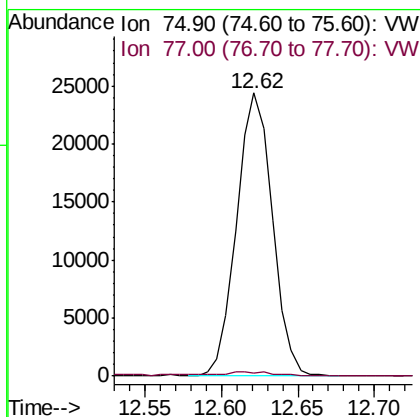
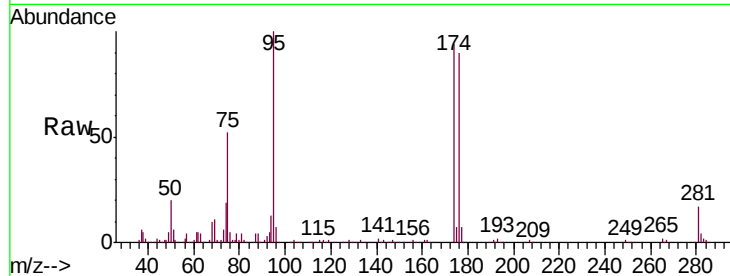




#76
 1,2,3-Trichloropropane
 Concen: 34.070 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005917.D
 Acq: 09 Oct 2018 02:45

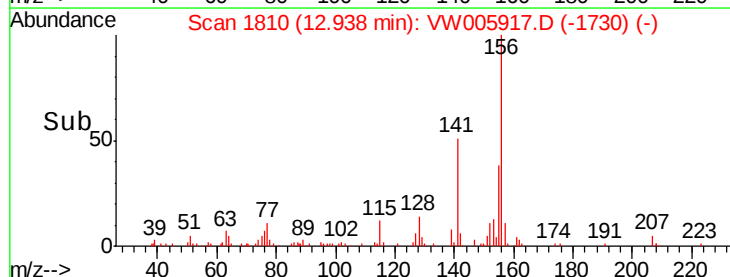
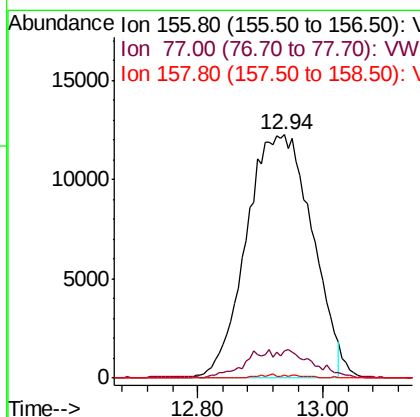
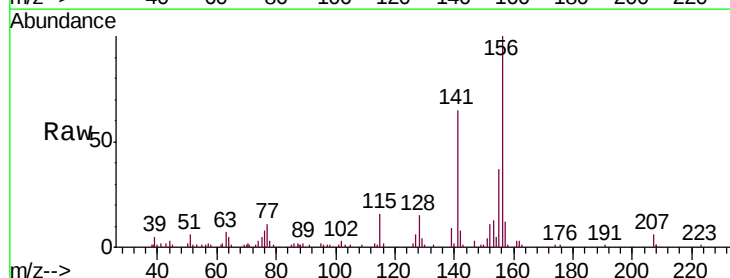
Instrument :
 MSVOA_W
 ClientSampled :
 S-10-V

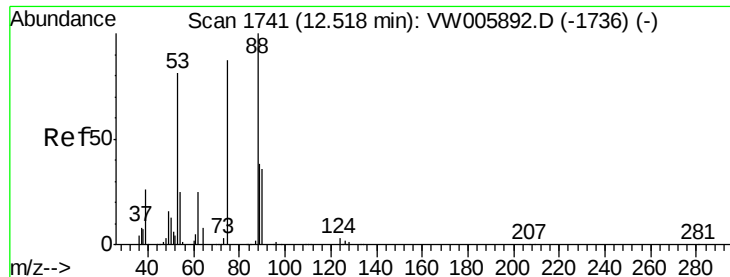
Tgt Ion: 75 Resp: 39577
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#77
 Bromobenzene
 Concen: 39.324 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.19 min
 Lab File: VW005917.D
 Acq: 09 Oct 2018 02:45

Tgt Ion: 156 Resp: 88484
 Ion Ratio Lower Upper
 156 100
 77 0.0 85.8 257.4#
 158 0.4 49.1 147.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 71.925 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

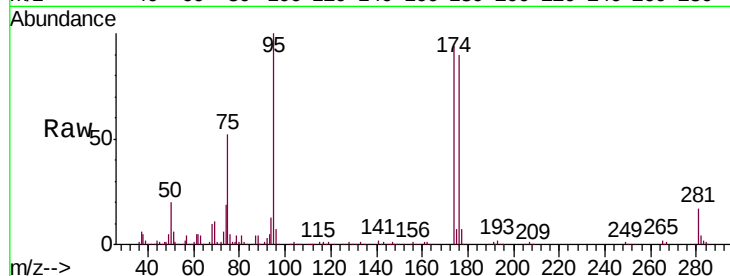
Tgt Ion: 75 Resp: 39577

Ion Ratio Lower Upper

75 100

53 0.1 76.5 114.7#

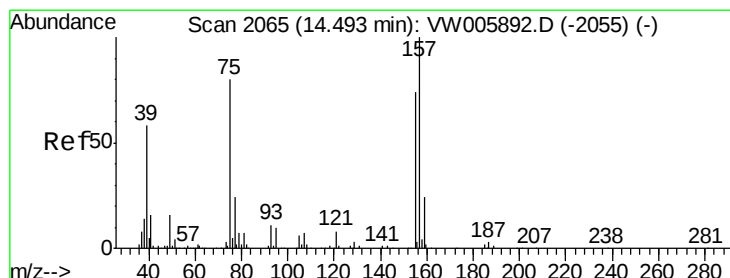
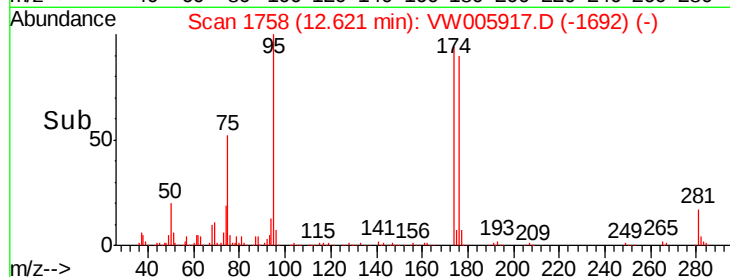
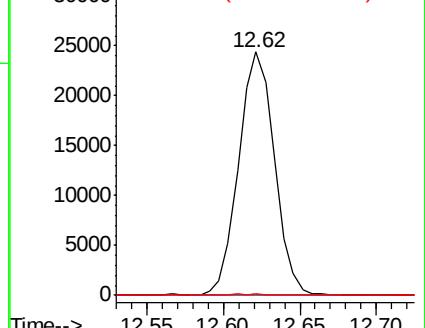
89 0.5 37.6 56.4#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.006 ug/l

RT: 14.59 min Scan# 2081

Delta R.T. 0.10 min

Lab File: VW005917.D

Acq: 09 Oct 2018 02:45

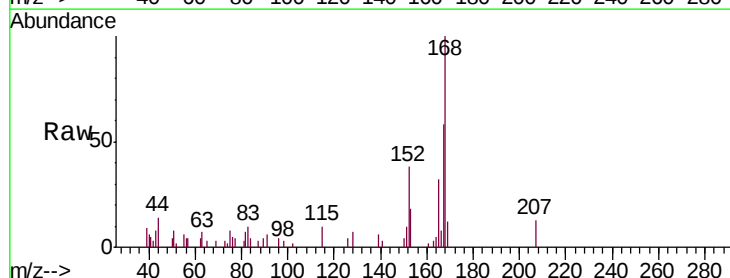
Tgt Ion: 75 Resp: 582

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.3#

157 0.0 58.9 176.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

