

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007742.D
 Acq On : 20 Dec 2018 11:59
 Operator : SY/AP
 Sample : J6386-10RE
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 13:10:32 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	47313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	89394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23174	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	32375	62.43	ug/l	0.00
Spiked Amount			Recovery	=	124.86%	
35) Dibromofluoromethane	7.89	113	27810	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
50) Toluene-d8	10.32	98	72307	35.17	ug/l	0.00
Spiked Amount			Recovery	=	70.34%	
62) 4-Bromofluorobenzene	12.62	95	23139	29.13	ug/l	0.00
Spiked Amount			Recovery	=	58.26%	

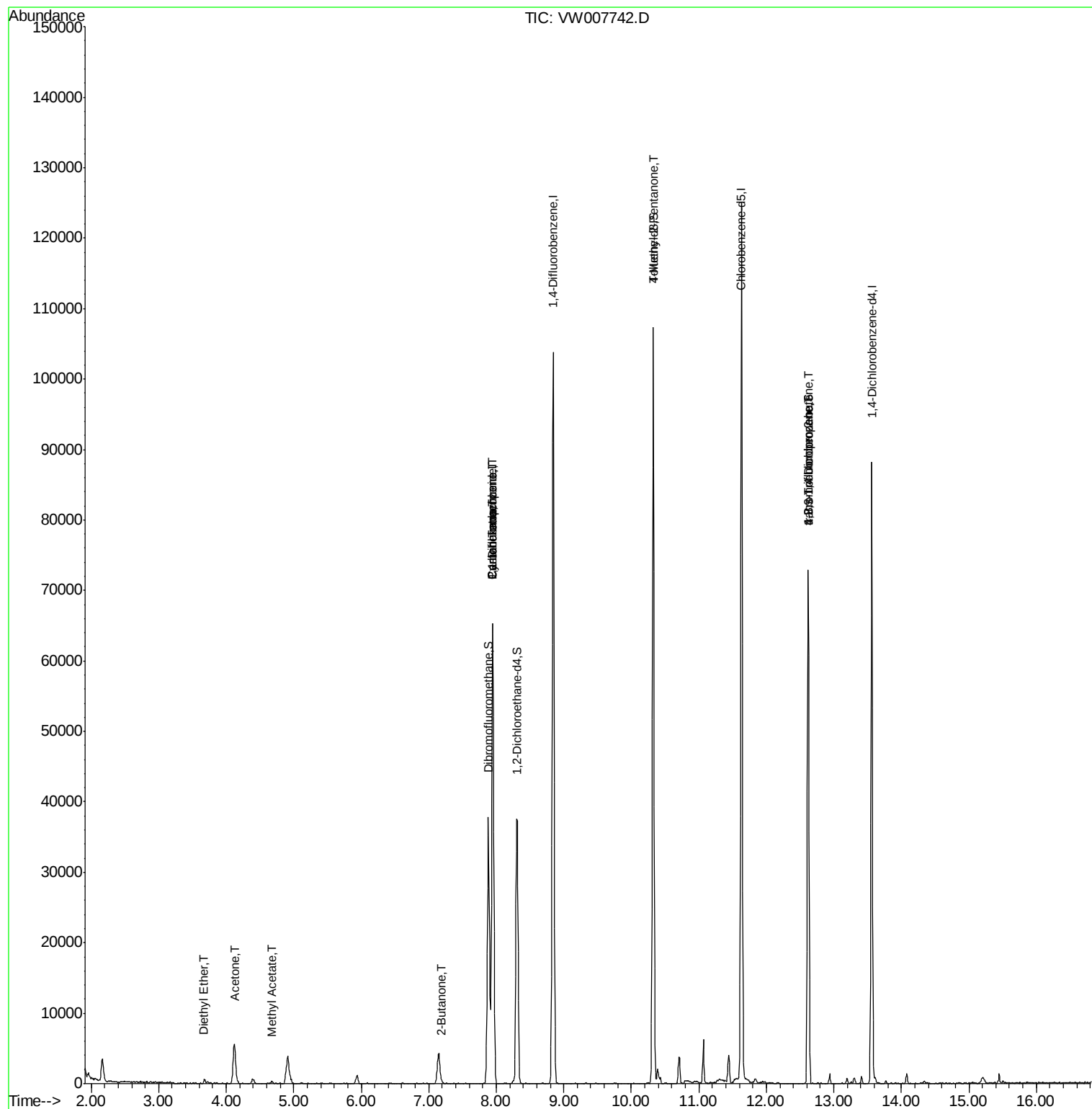
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	243	1.159	ug/l	84
16) Acetone	4.13	43	10389	106.985	ug/l	98
18) Methyl Acetate	4.68	43	585	2.533	ug/l #	53
25) 2-Butanone	7.20	43	489	4.299	ug/l #	44
31) Cyclohexane	7.95	56	1172	1.518	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	3683	4.269	ug/l #	49
38) Carbon Tetrachloride	7.95	117	5102	5.021	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	311	1.103	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	12477	69.660	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	12477	146.221	ug/l #	9

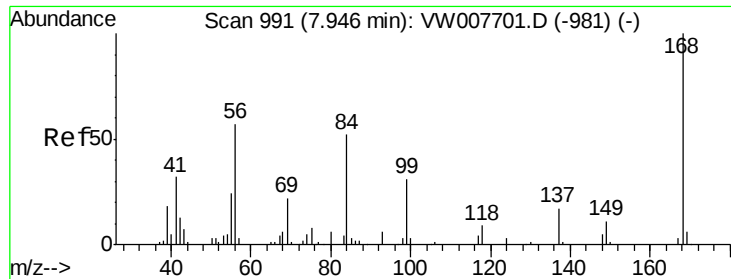
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 13:10:32 2018
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007742.D

Acq: 20 Dec 2018 11:59

Instrument :

MSVOA_W

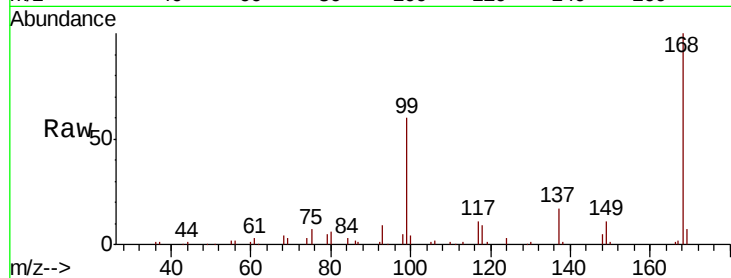
ClientSampled :

Tot Ion:168 Resp: 47313

Ion Ratio Lower Upper

168 100

99 59.8 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

25000

20000

15000

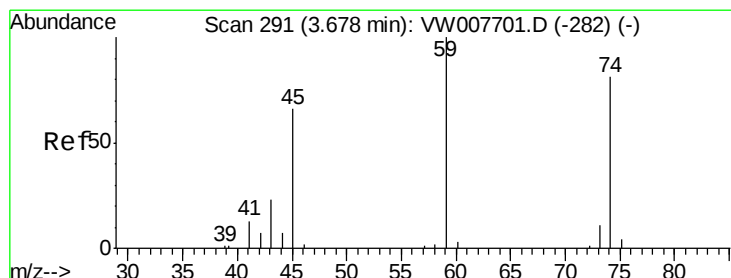
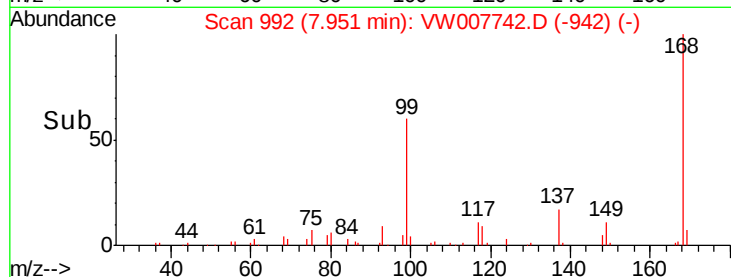
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 1.159 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007742.D

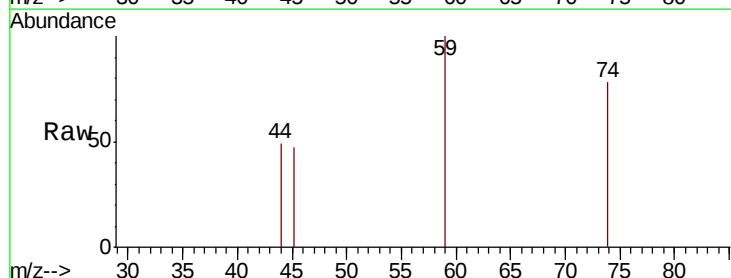
Acq: 20 Dec 2018 11:59

Tgt Ion: 74 Resp: 243

Ion Ratio Lower Upper

74 100

45 92.6 39.4 118.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

200

150

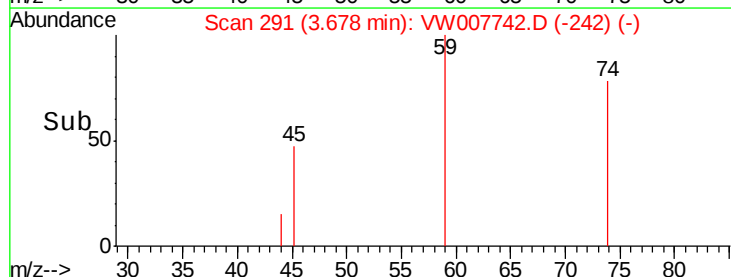
100

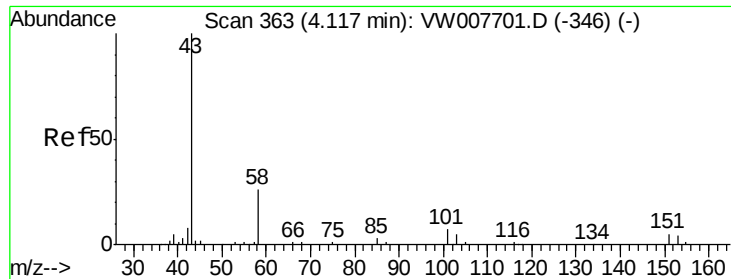
50

0

Time-->

3.65 3.70





#16

Acetone

Concen: 106.985 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007742.D

Acq: 20 Dec 2018 11:59

Instrument :

MSVOA_W

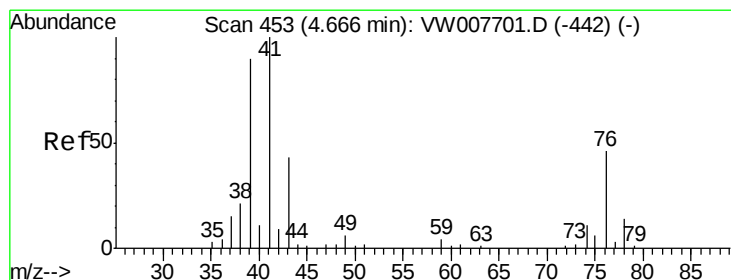
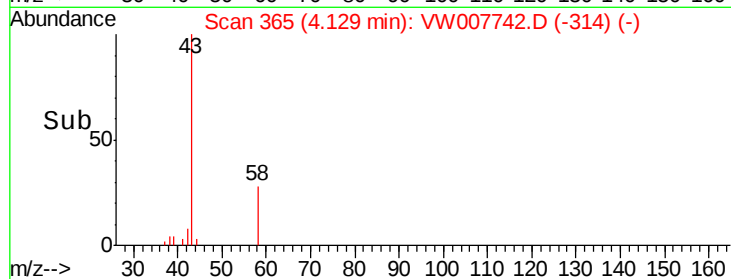
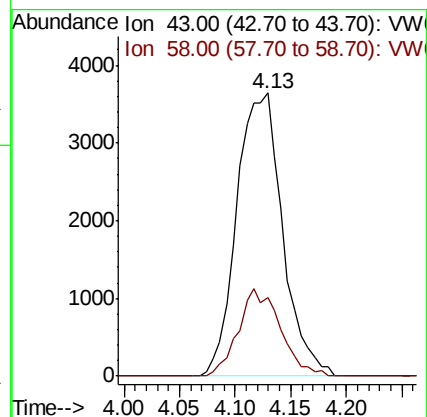
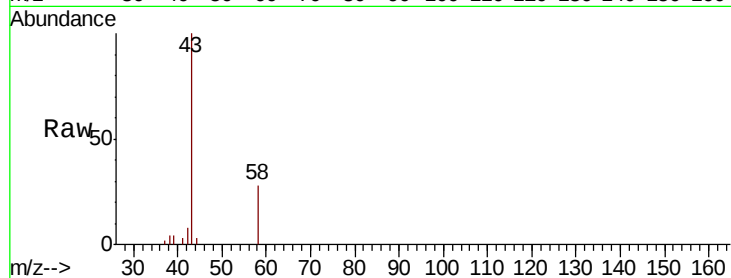
ClientSampled :

Tot Ion: 43 Resp: 10389

Ion Ratio Lower Upper

43 100

58 27.6 21.2 31.8



#18

Methyl Acetate

Concen: 2.533 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007742.D

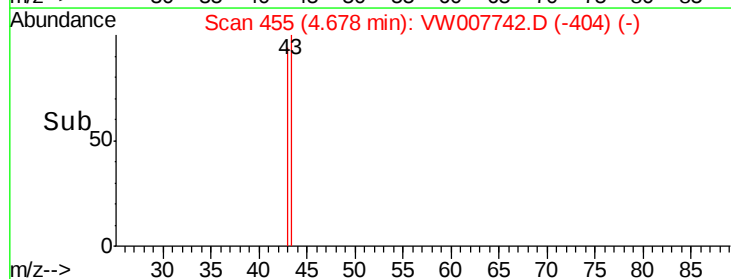
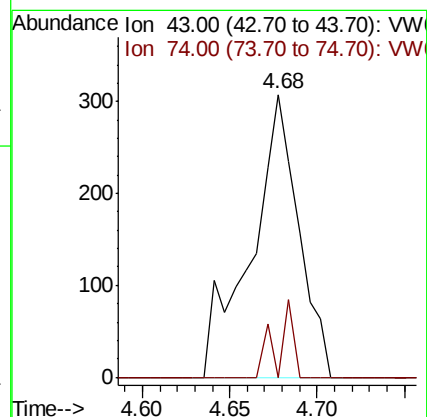
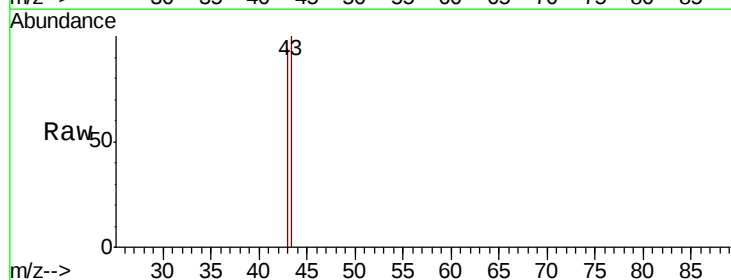
Acq: 20 Dec 2018 11:59

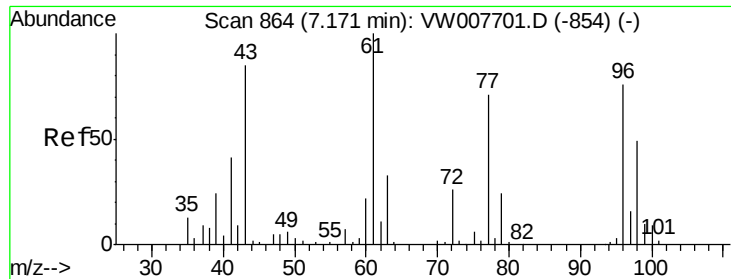
Tgt Ion: 43 Resp: 585

Ion Ratio Lower Upper

43 100

74 3.6 22.7 34.1#

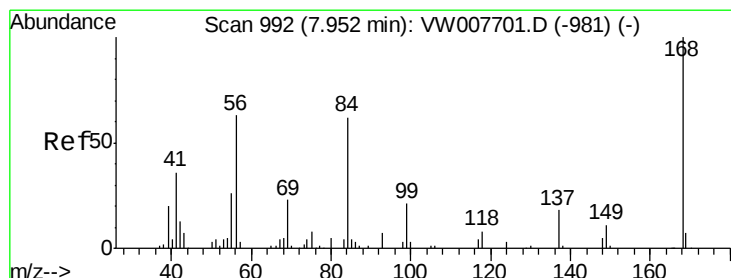
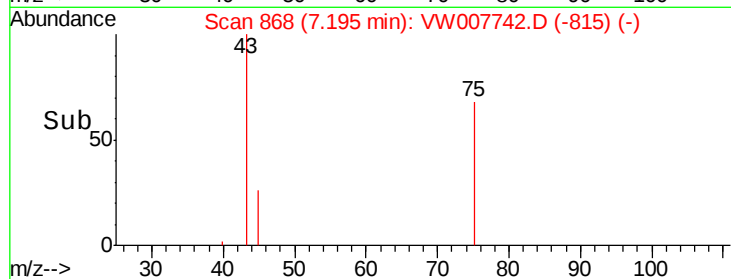
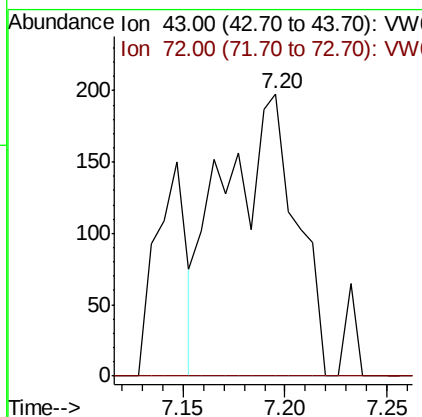
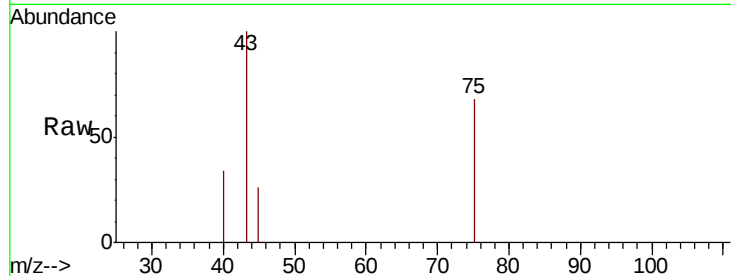




#25
2-Butanone
Concen: 4.299 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.02 min
Lab File: VW007742.D
Acq: 20 Dec 2018 11:59

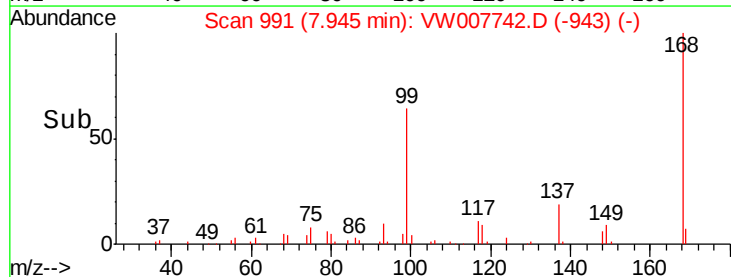
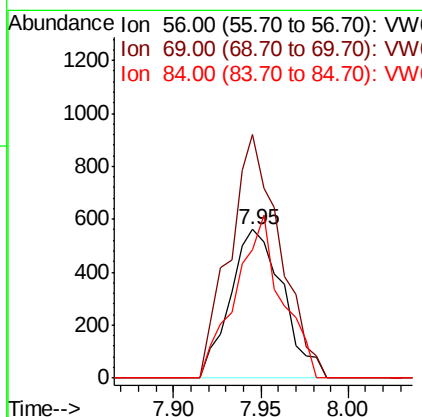
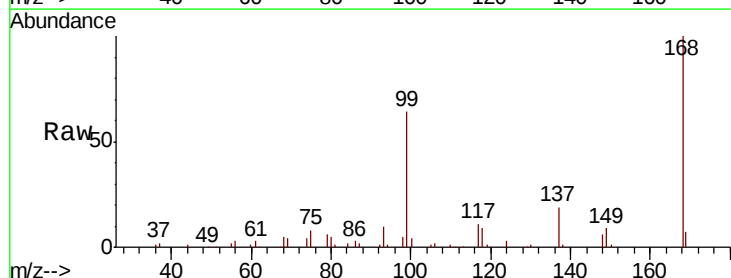
Instrument :
MSVOA_W
ClientSampled :

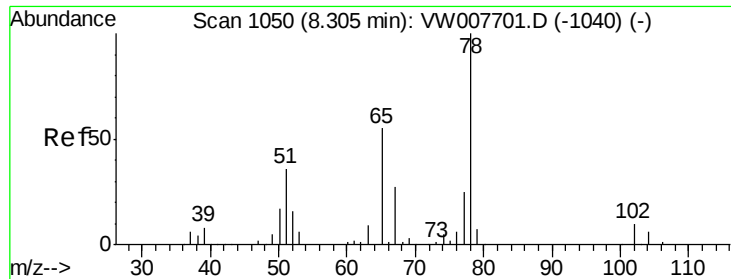
Tot Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007742.D
Acq: 20 Dec 2018 11:59

Tgt Ion: 56 Resp: 1172
Ion Ratio Lower Upper
56 100
69 164.0 29.7 44.5#
84 86.6 78.9 118.3

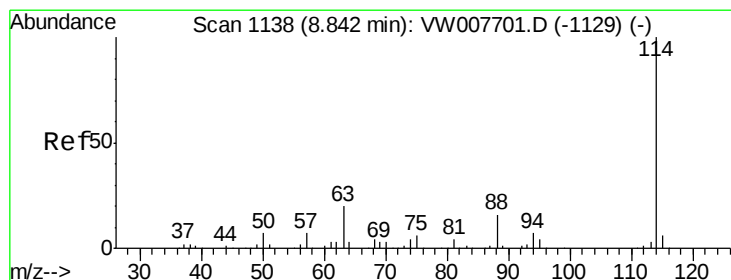
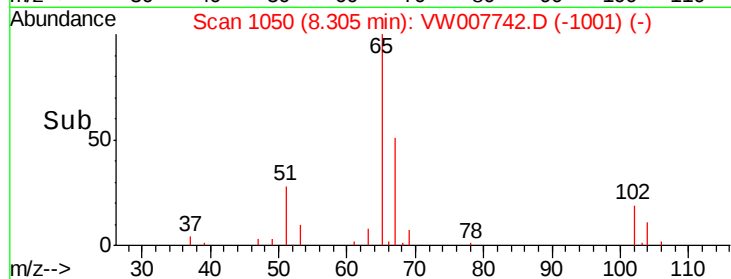
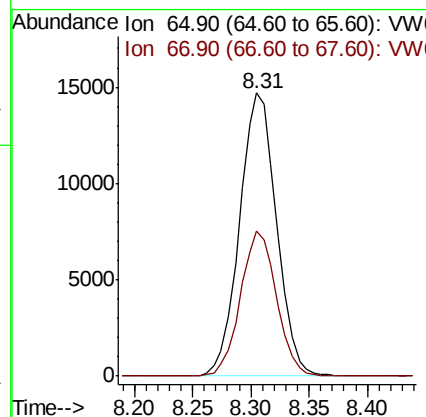
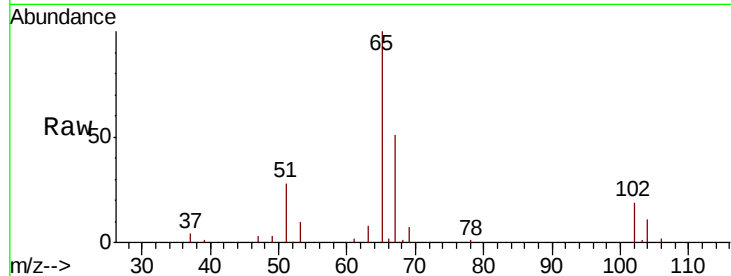




#33
 1,2-Dichloroethane-d4
 Concen: 62.431 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007742.D
 Acq: 20 Dec 2018 11:59

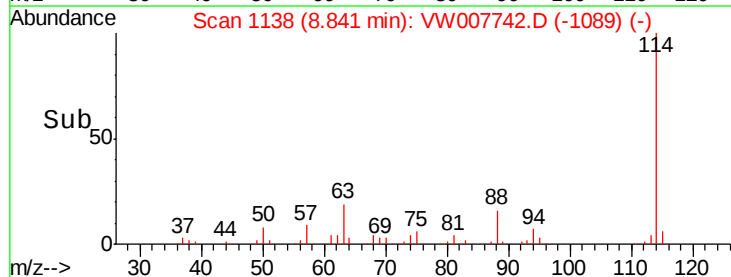
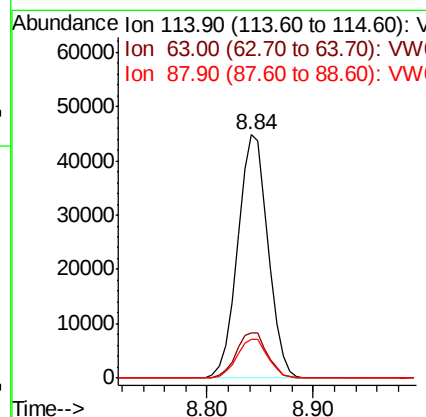
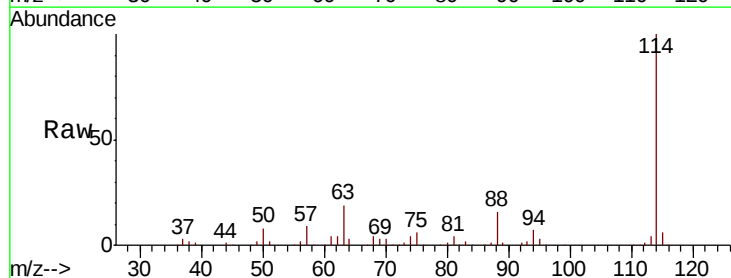
Instrument :
 MSVOA_W
 ClientSampleId :

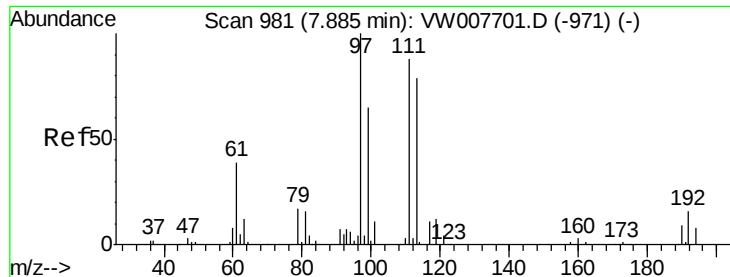
Tot Ion: 65 Resp: 32375
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007742.D
 Acq: 20 Dec 2018 11:59

Tgt Ion: 114 Resp: 89394
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 15.8 0.0 32.6

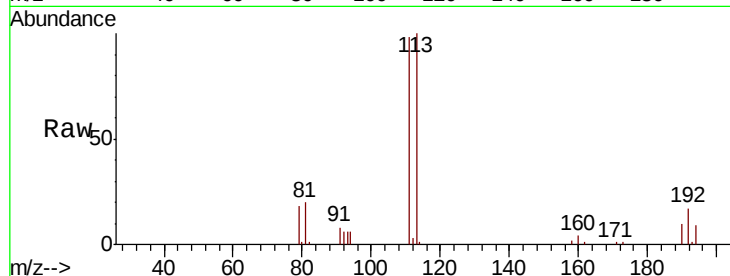




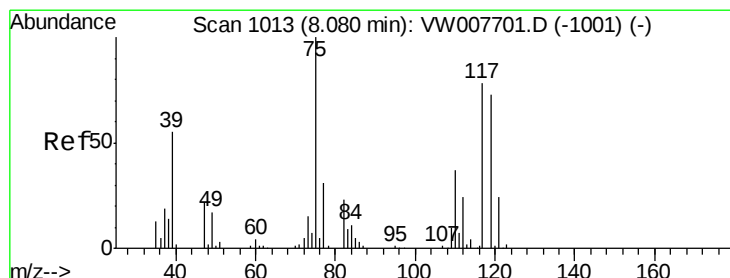
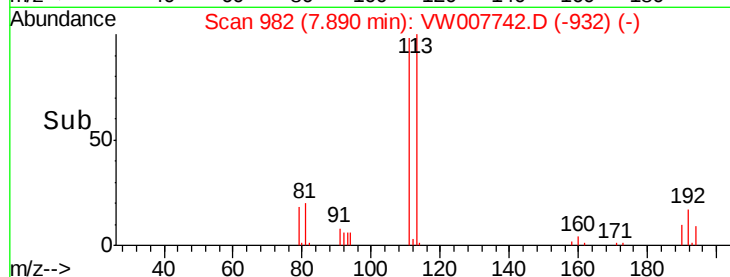
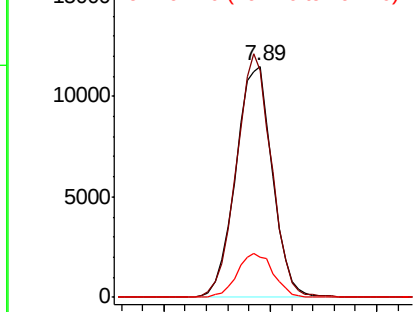
#35
 Dibromofluoromethane
 Concen: 50.995 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW007742.D
 Acq: 20 Dec 2018 11:59

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 27810
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.6 124.0
 192 18.6 15.5 23.3

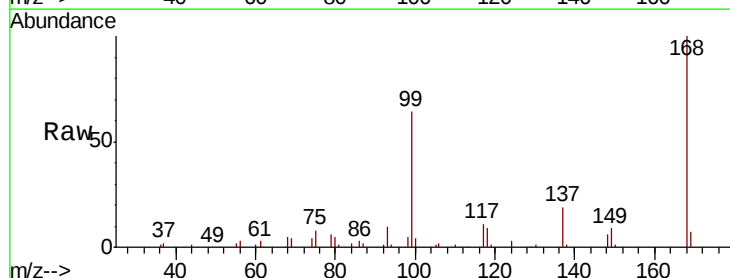


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

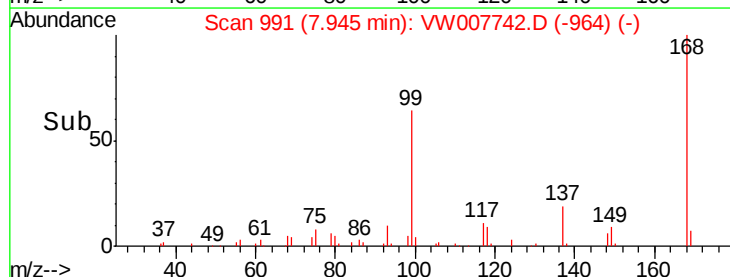
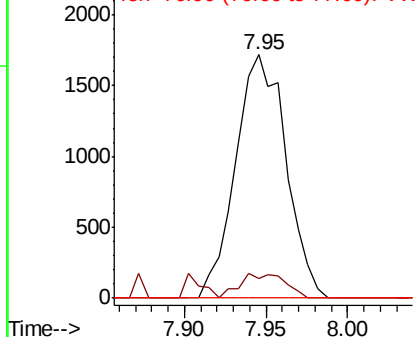


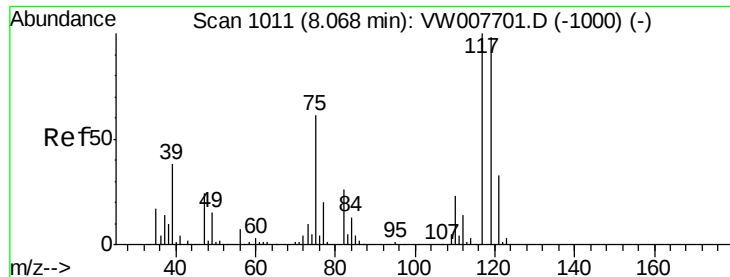
#36
 1,1-Dichloropropene
 Concen: 4.269 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007742.D
 Acq: 20 Dec 2018 11:59

Tgt Ion: 75 Resp: 3683
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.6 55.8#
 77 0.0 25.0 37.4#



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

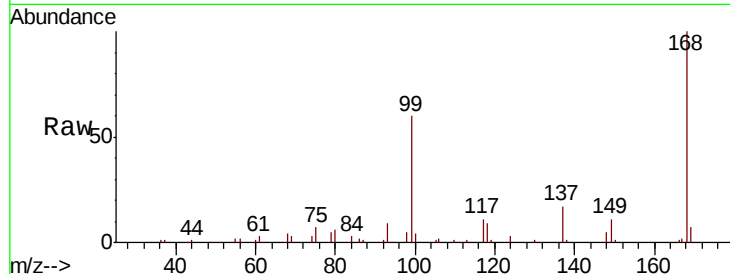




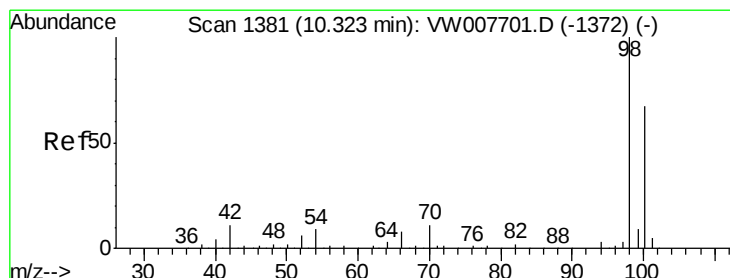
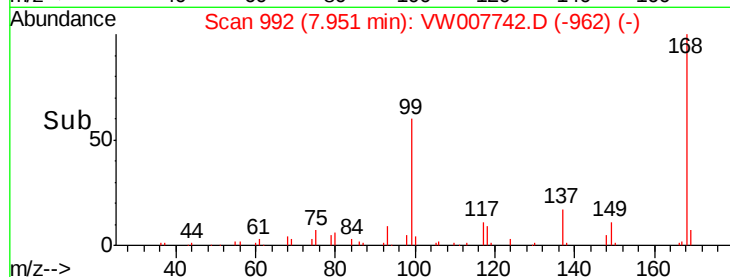
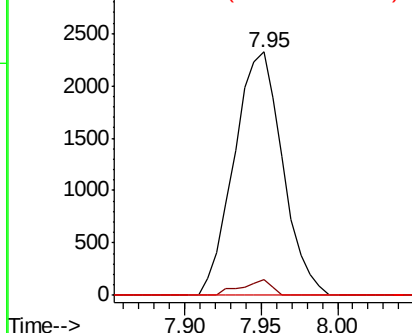
#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007742.D
Acq: 20 Dec 2018 11:59

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 5102
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 26.1 39.1#

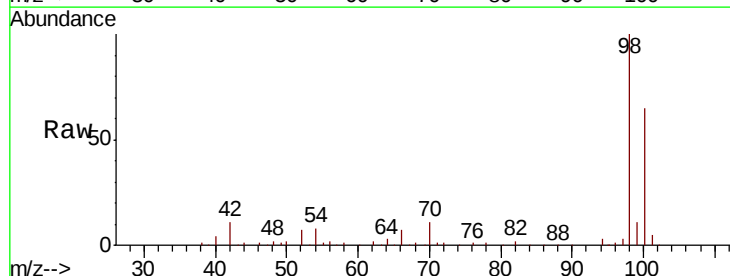


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

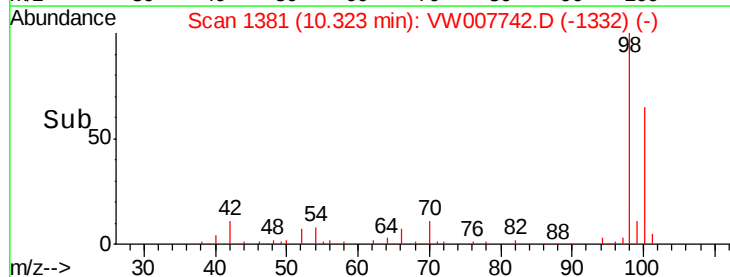
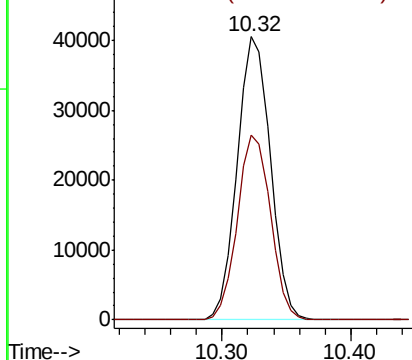


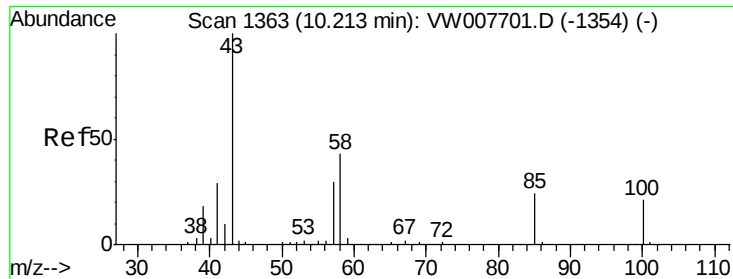
#50
Toluene-d8
Concen: 35.171 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007742.D
Acq: 20 Dec 2018 11:59

Tgt Ion: 98 Resp: 72307
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.103 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007742.D

Acq: 20 Dec 2018 11:59

Instrument :

MSVOA_W

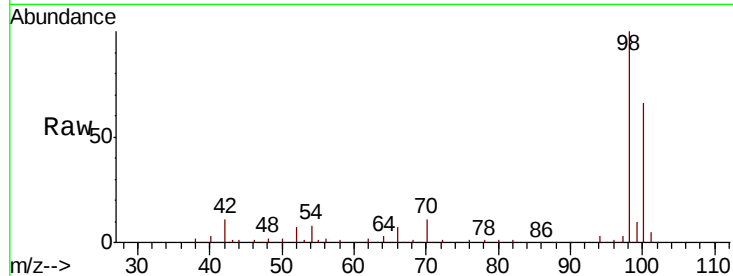
ClientSampled :

Tot Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

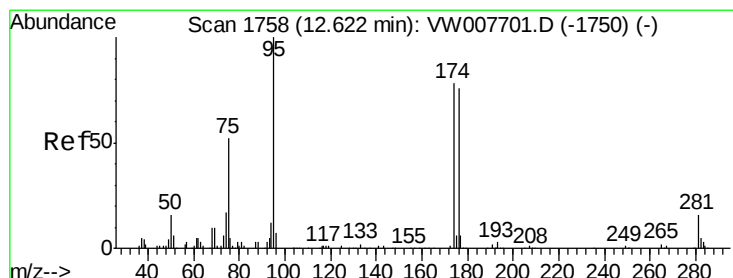
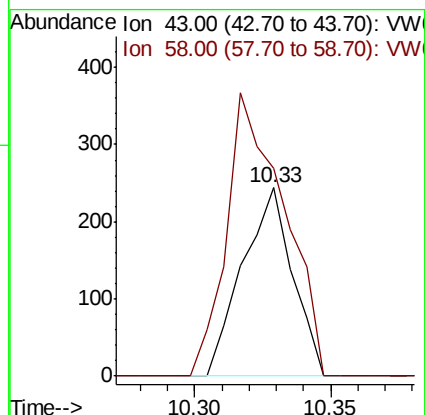
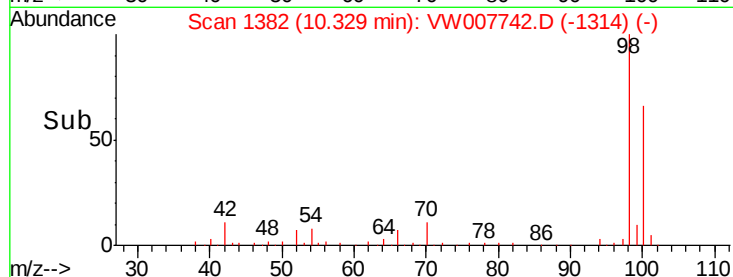
58 172.7 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Time-->



#62

4-Bromofluorobenzene

Concen: 29.134 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007742.D

Acq: 20 Dec 2018 11:59

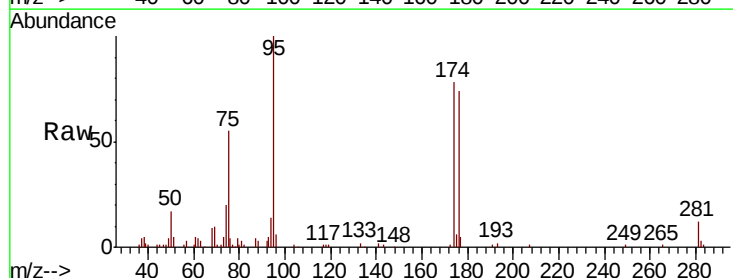
Tgt Ion: 95 Resp: 23139

Ion Ratio Lower Upper

95 100

174 77.5 0.0 152.2

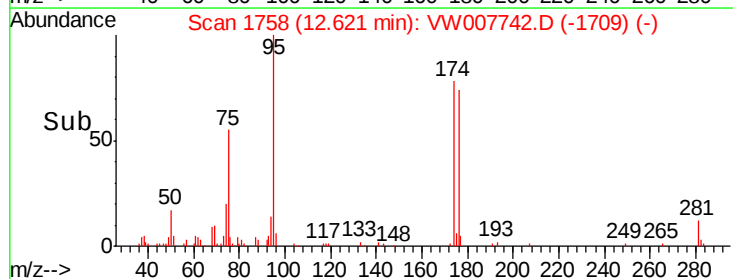
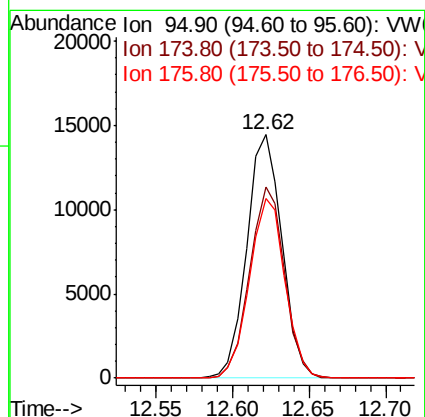
176 74.6 0.0 146.8

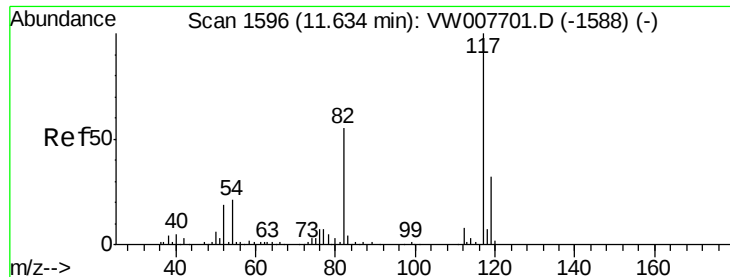


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

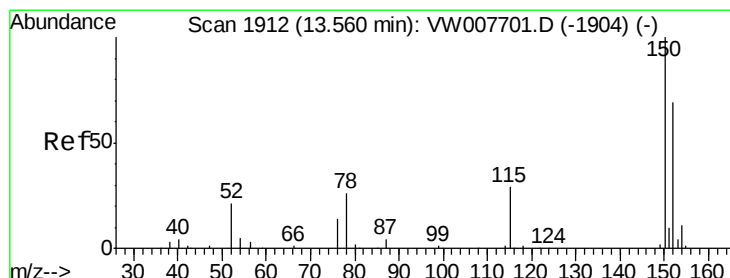
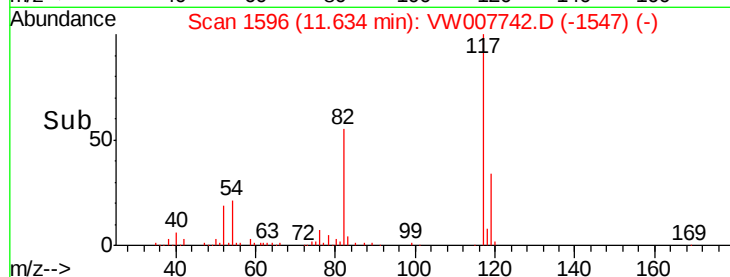
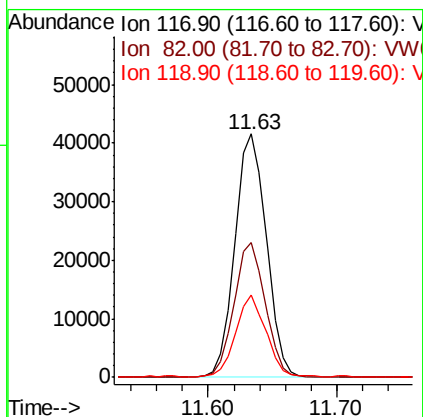
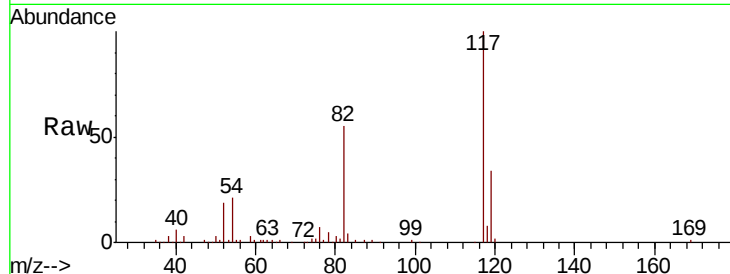




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007742.D
Acq: 20 Dec 2018 11:59

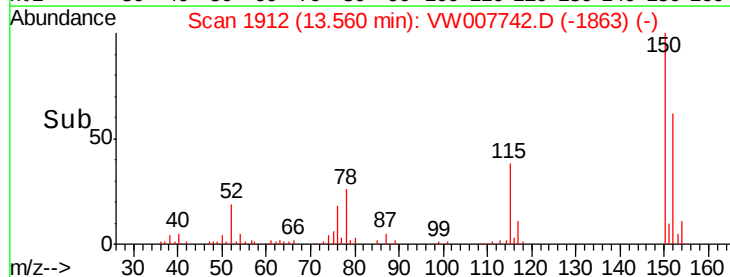
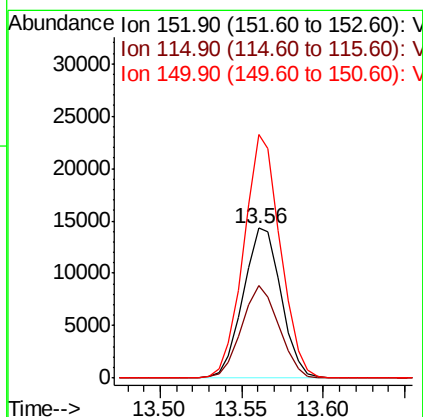
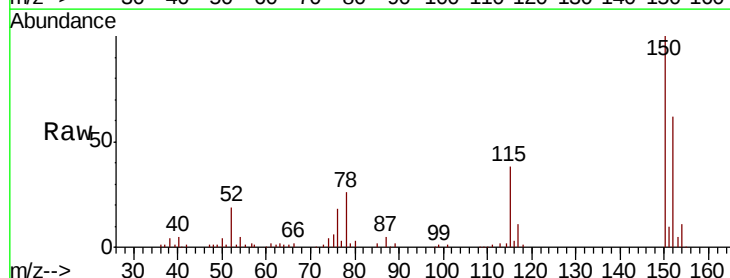
Instrument :
MSVOA_W
ClientSampleId :

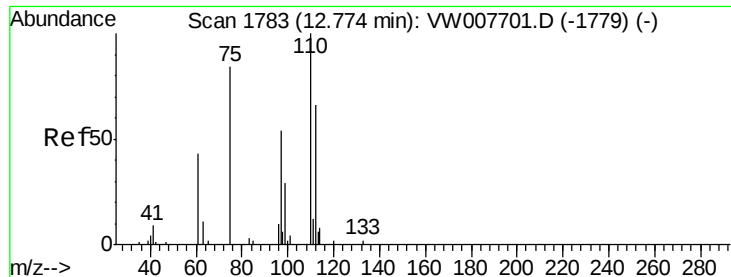
Tot Ion:117 Resp: 70306
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007742.D
Acq: 20 Dec 2018 11:59

Tgt Ion:152 Resp: 23174
Ion Ratio Lower Upper
152 100
115 60.4 31.8 95.4
150 157.1 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 69.660 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007742.D

Acq: 20 Dec 2018 11:59

Instrument :

MSVOA_W

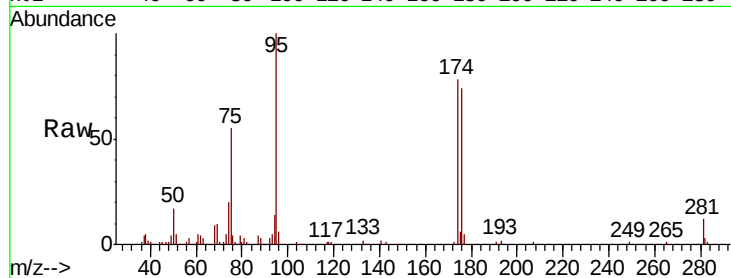
ClientSampleId :

Tot Ion: 75 Resp: 12477

Ion Ratio Lower Upper

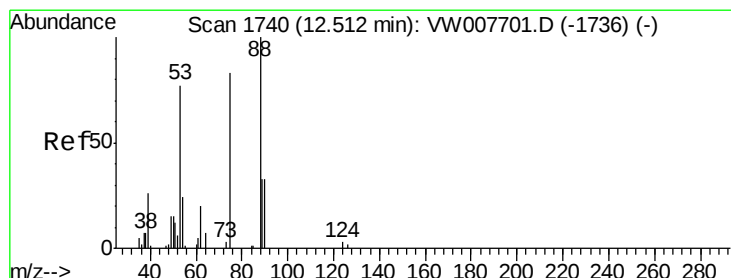
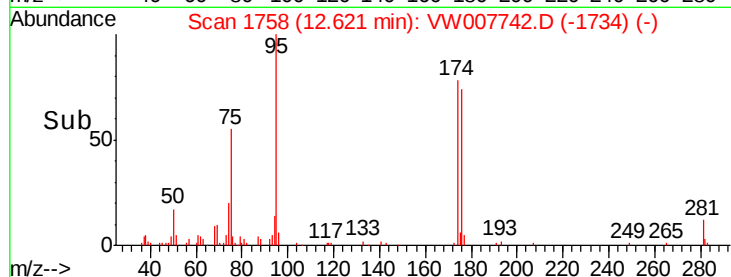
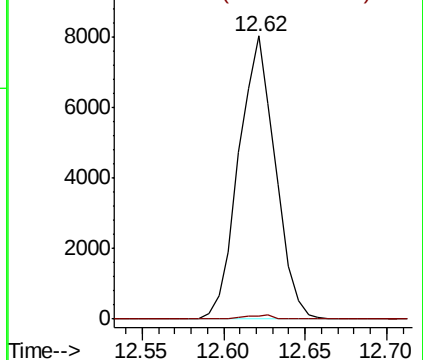
75 100

77 1.0 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: 146.221 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007742.D

Acq: 20 Dec 2018 11:59

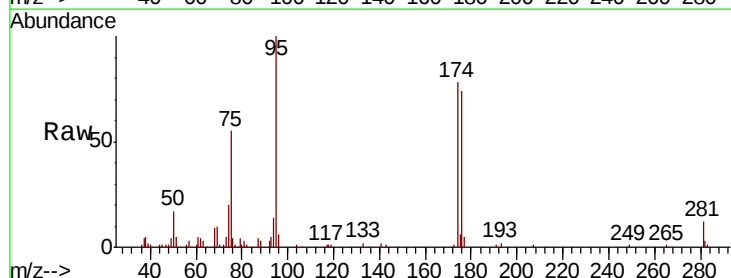
Tgt Ion: 75 Resp: 12477

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#



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

