

Data File : VW005911.D
Acq On : 09 Oct 2018 00:11
Operator : SY/AP
Sample : VW1008SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL02

Quant Time: Oct 09 06:14:07 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	257029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	385846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120122	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.88	113	121058	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.33	98	466318	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.62	95	169115	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds

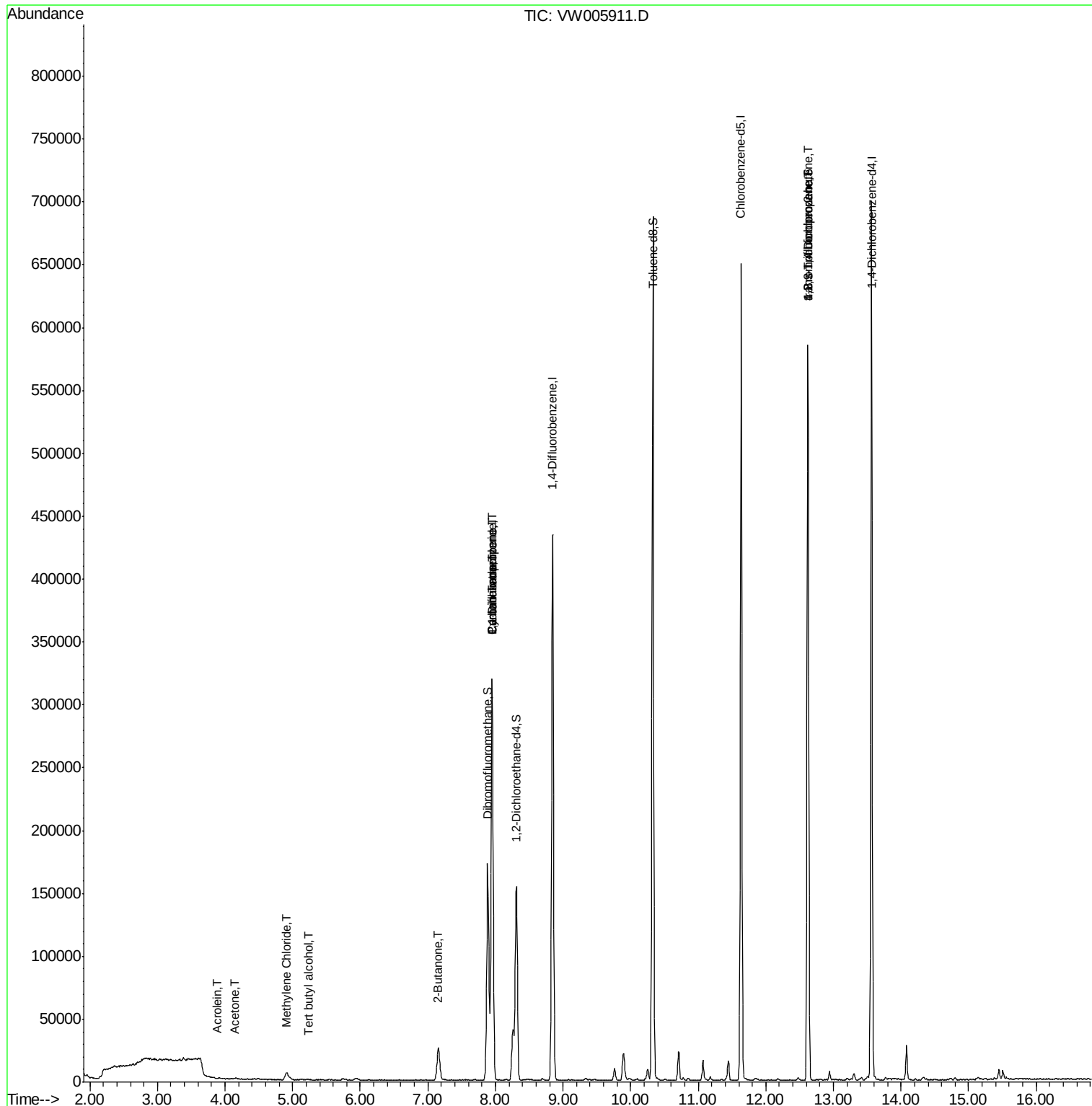
						Qvalue
11) Tert butyl alcohol	5.23	59	512	2.800	ug/l #	69
13) Acrolein	3.89	56	167	1.025	ug/l #	56
16) Acetone	4.15	43	2309	4.633	ug/l #	78
20) Methylene Chloride	4.91	84	4920	1.970	ug/l	86
25) 2-Butanone	7.15	43	1705	2.405	ug/l #	49
31) Cyclohexane	7.95	56	5440	1.245	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	16827	4.551	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23214	5.844	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	86356	51.345	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86356	108.395	ug/l #	11

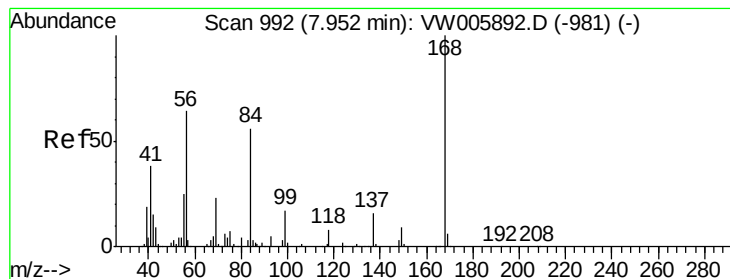
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005911.D

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Instrument :

MSVOA_W

ClientSampleId :

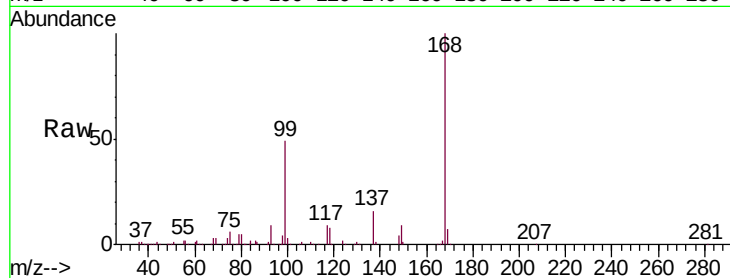
VW1008SBL02

Tgt Ion:168 Resp: 257029

Ion Ratio Lower Upper

168 100

99 49.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

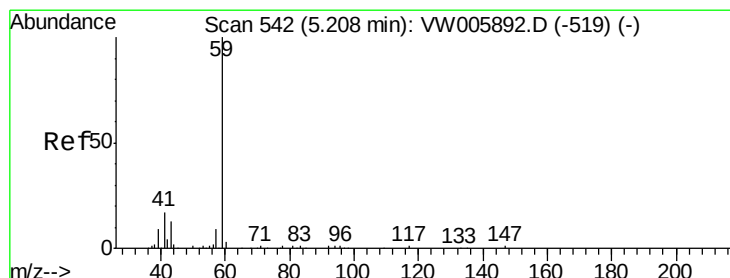
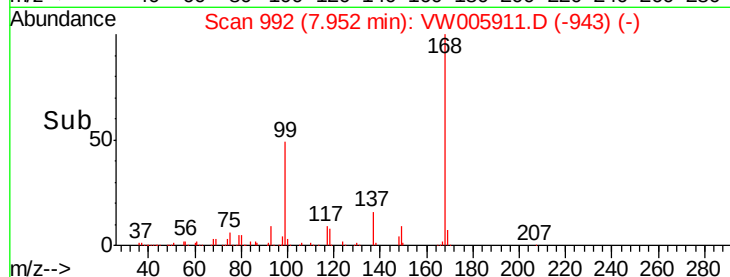
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.800 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.02 min

Lab File: VW005911.D

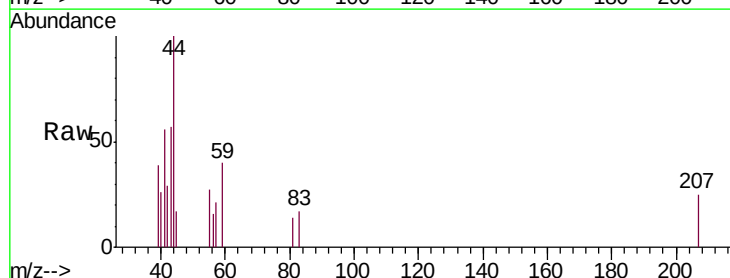
Acq: 09 Oct 2018 00:11

Tgt Ion: 59 Resp: 512

Ion Ratio Lower Upper

59 100

57 21.1 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

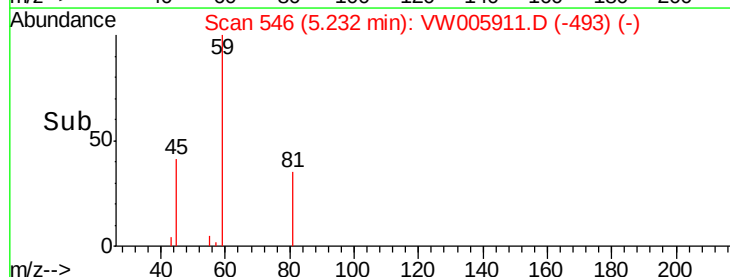
150

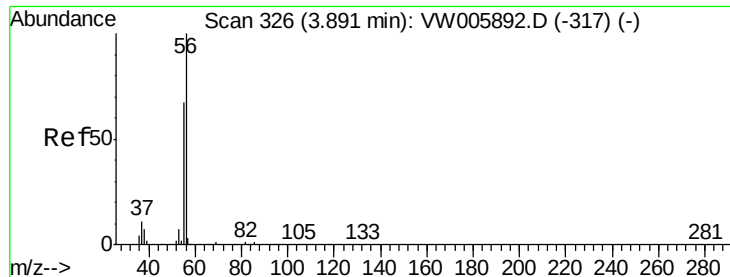
100

50

0

Time-->





#13

Acrolein

Concen: 1.025 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005911.D

Acq: 09 Oct 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

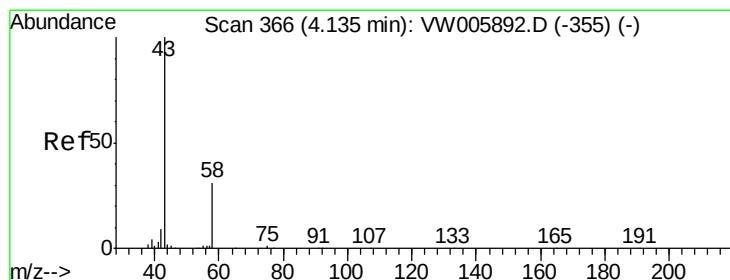
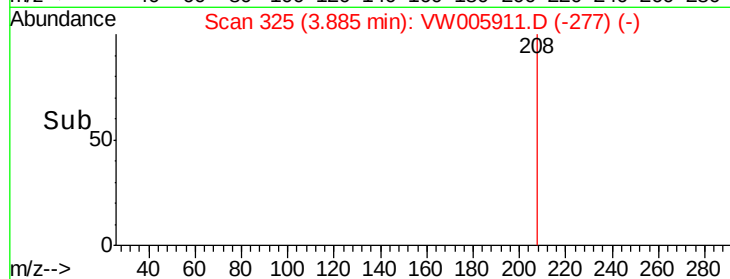
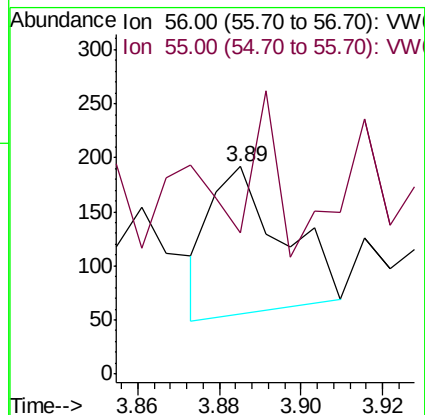
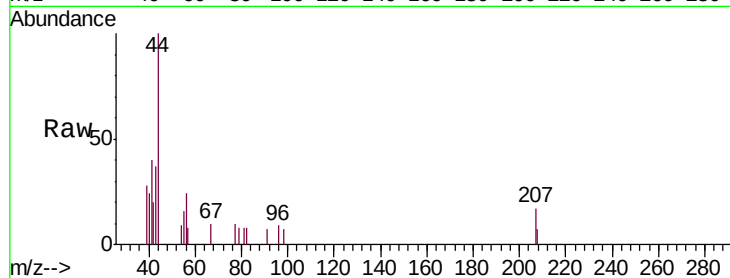
VW1008SBL02

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 32.9 54.6 82.0#



#16

Acetone

Concen: 4.633 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005911.D

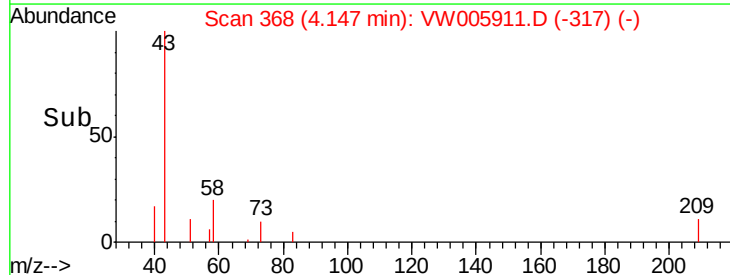
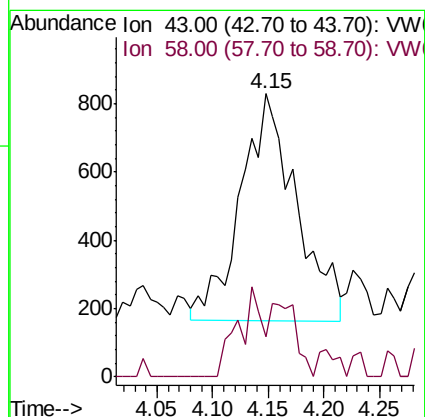
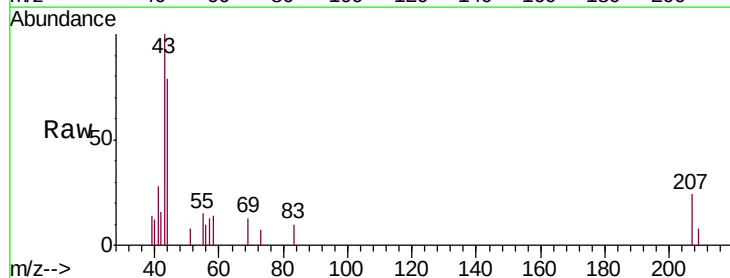
Acq: 09 Oct 2018 00:11

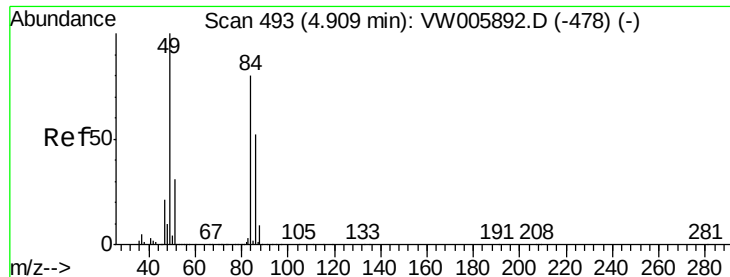
Tgt Ion: 43 Resp: 2309

Ion Ratio Lower Upper

43 100

58 18.6 24.7 37.1#





#20

Methylene Chloride

Concen: 1.970 ug/l

RT: 4.91 min Scan# 493

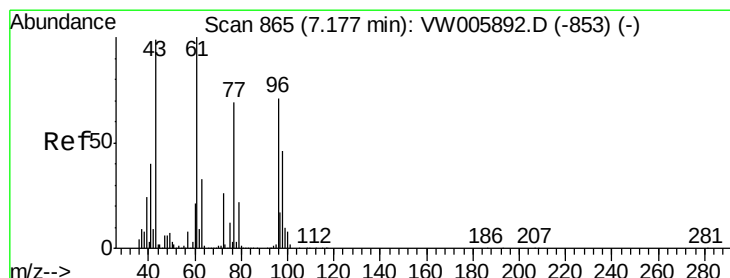
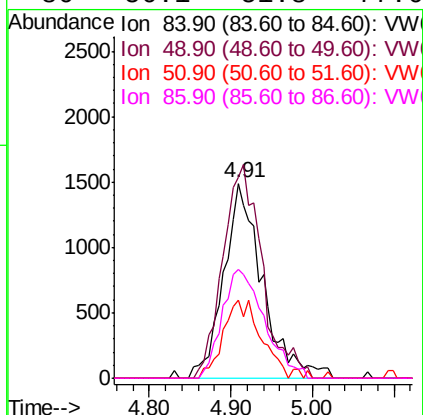
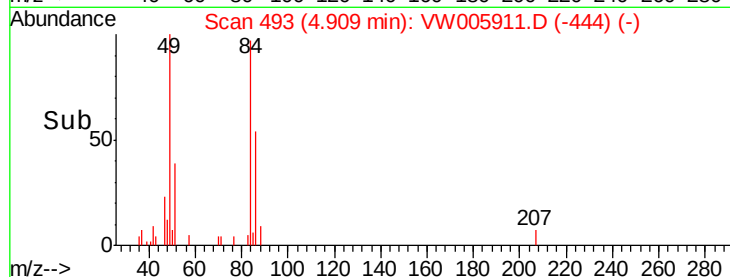
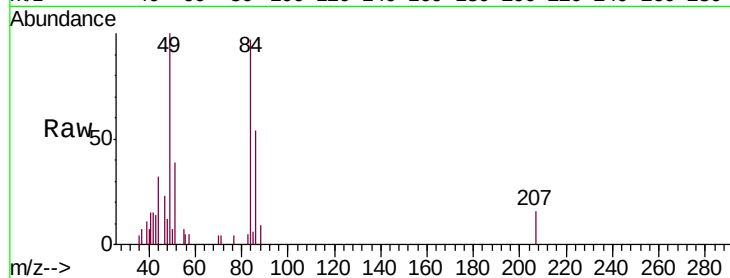
Delta R.T. -0.00 min

Lab File: VW005911.D

Acq: 09 Oct 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL02

Tgt Ion:	84	Resp:	4920
Ion	Ratio	Lower	Upper
84	100		
49	103.2	99.9	149.9
51	40.2	31.1	46.7
86	56.1	51.8	77.6



#25

2-Butanone

Concen: 2.405 ug/l

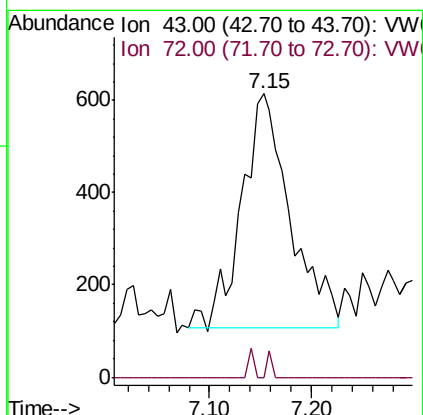
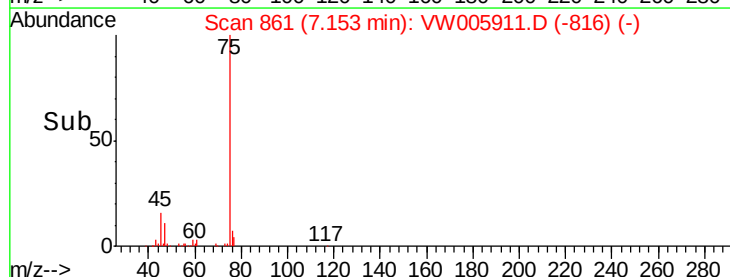
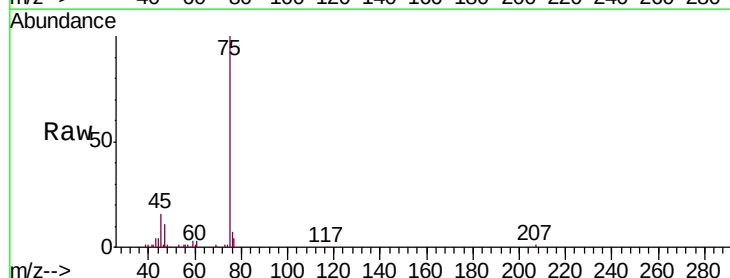
RT: 7.15 min Scan# 861

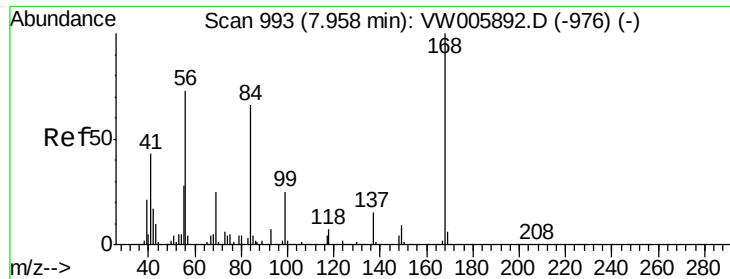
Delta R.T. -0.02 min

Lab File: VW005911.D

Acq: 09 Oct 2018 00:11

Tgt Ion:	43	Resp:	1705
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

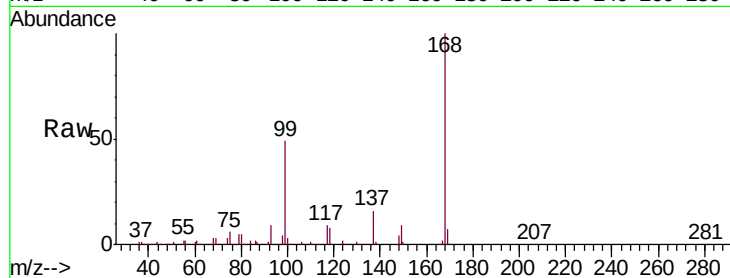




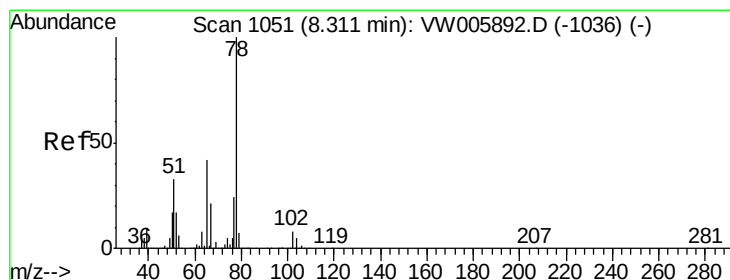
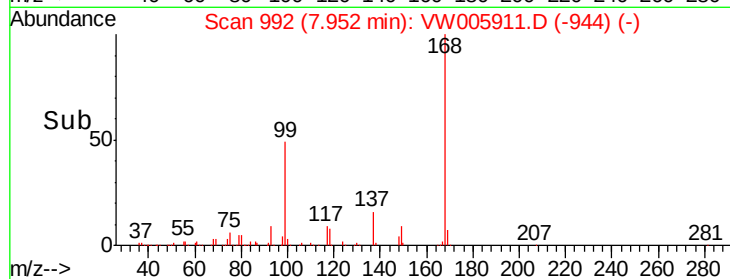
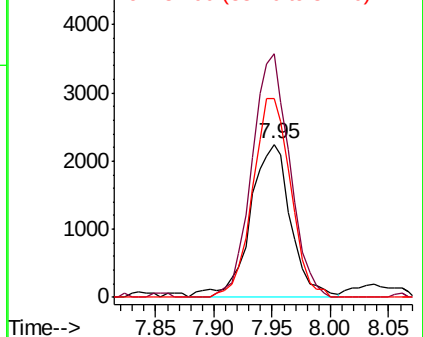
#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005911.D
Acq: 09 Oct 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL02

Tgt Ion: 56 Resp: 5440
Ion Ratio Lower Upper
56 100
69 159.4 27.9 41.9#
84 130.4 72.3 108.5#

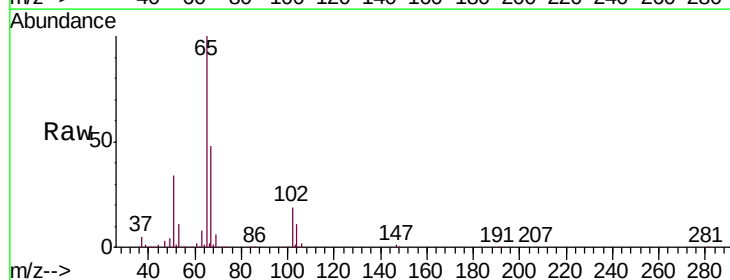


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

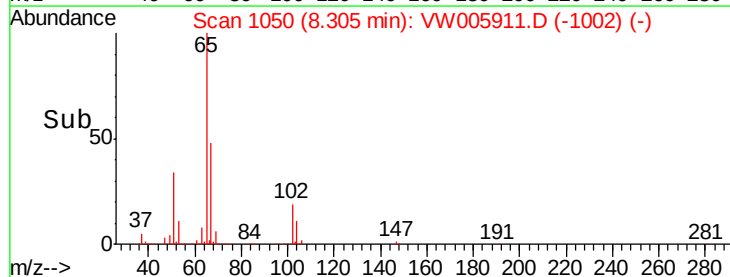
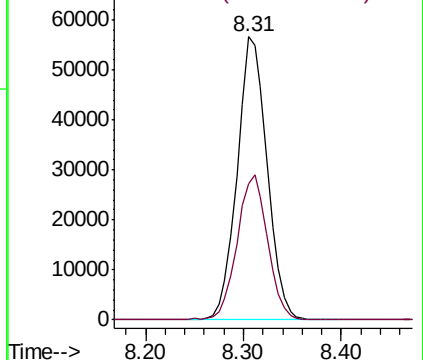


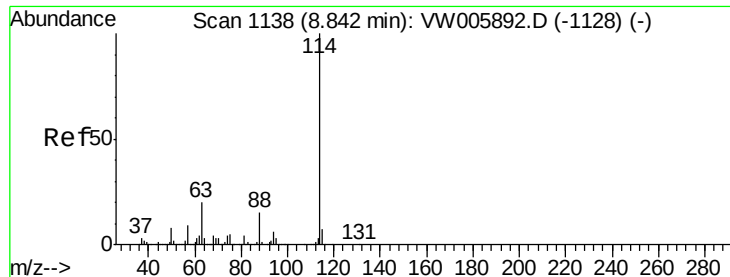
#33
1,2-Dichloroethane-d4
Concen: 48.142 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW005911.D
Acq: 09 Oct 2018 00:11

Tgt Ion: 65 Resp: 120122
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6



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

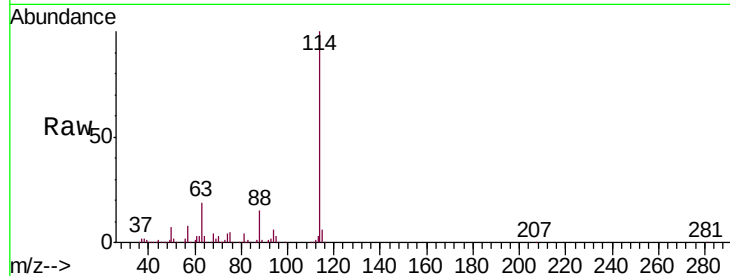




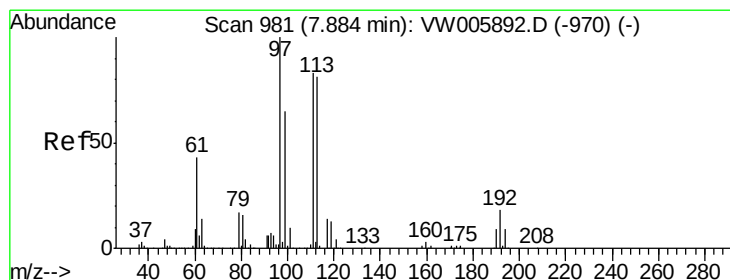
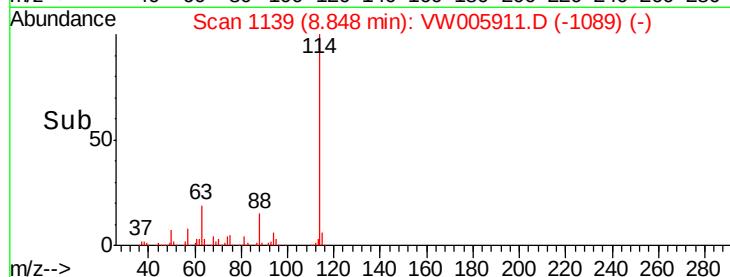
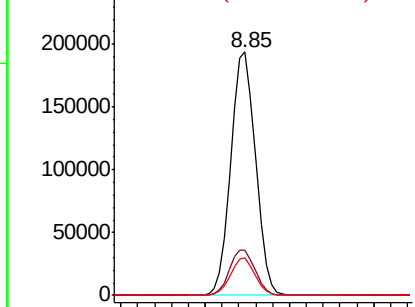
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005911.D
 Acq: 09 Oct 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBL02

Tgt Ion:114 Resp: 385846
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.2 0.0 30.8

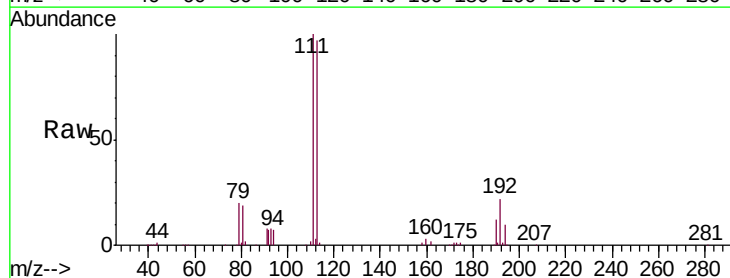


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

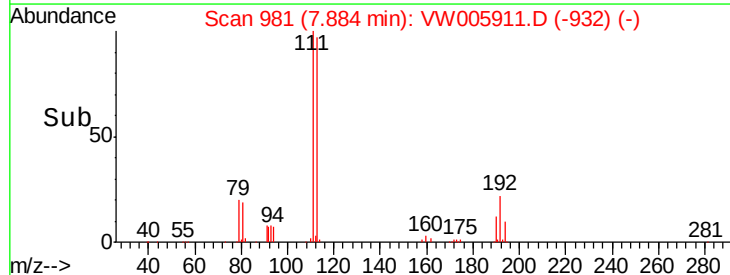
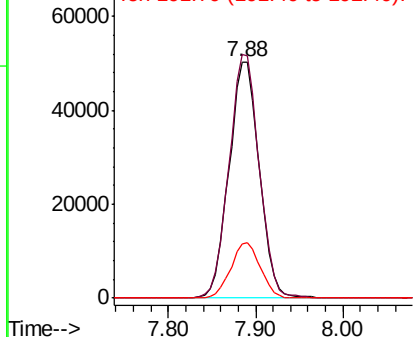


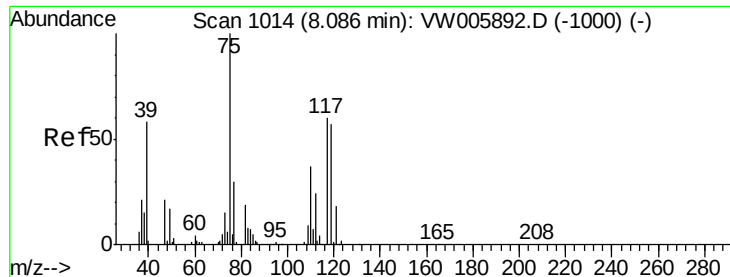
#35
 Dibromofluoromethane
 Concen: 49.141 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005911.D
 Acq: 09 Oct 2018 00:11

Tgt Ion:113 Resp: 121058
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.0 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

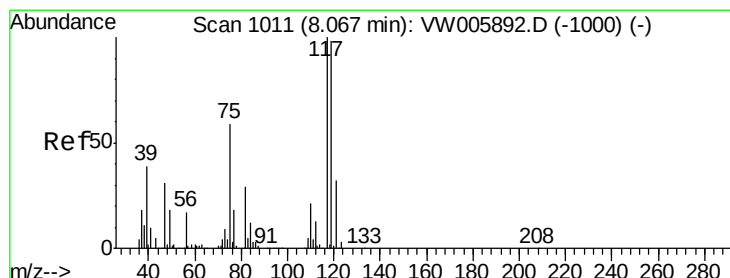
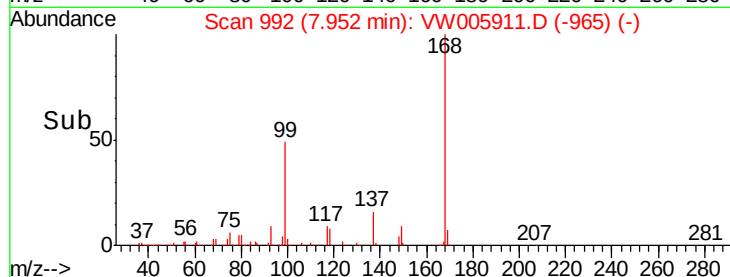
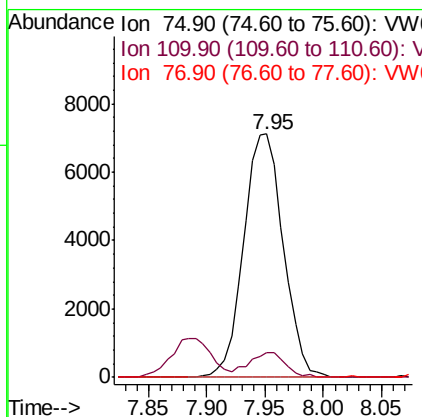
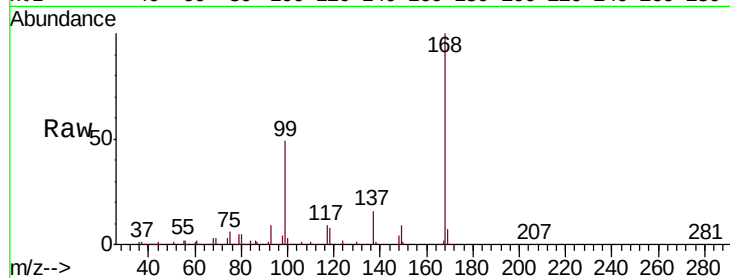




#36
 1,1-Dichloropropene
 Concen: 4.551 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005911.D
 Acq: 09 Oct 2018 00:11

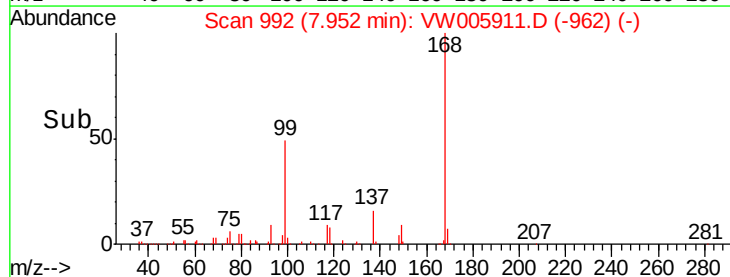
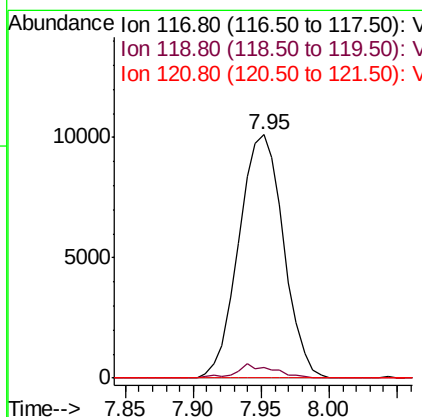
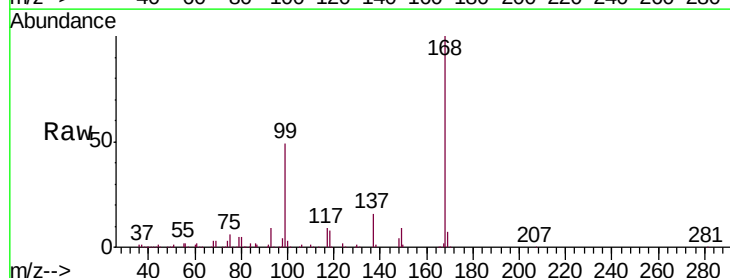
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBL02

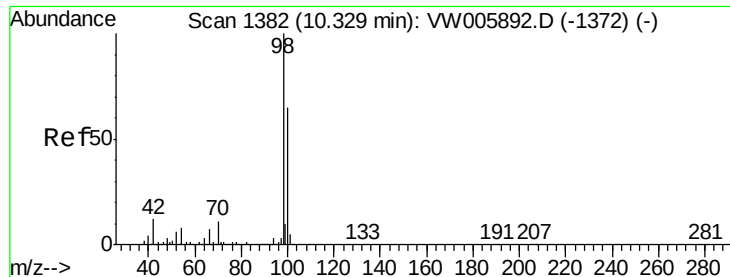
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.844 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005911.D
 Acq: 09 Oct 2018 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 49.200 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005911.D

Acq: 09 Oct 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

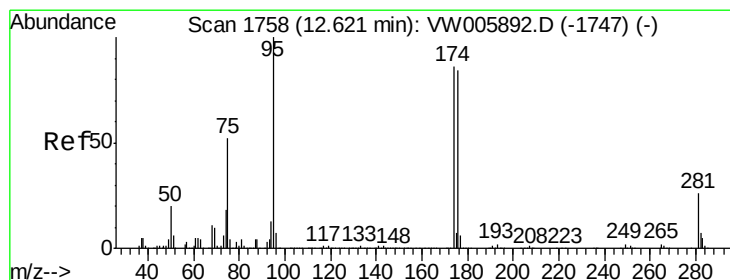
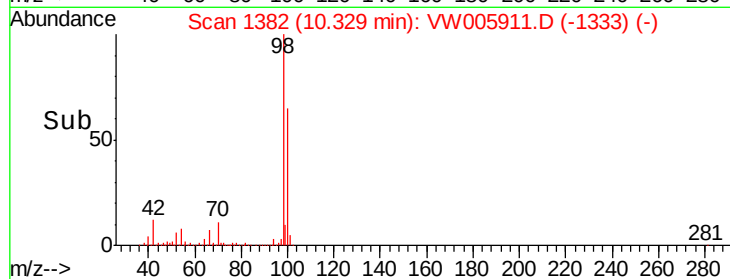
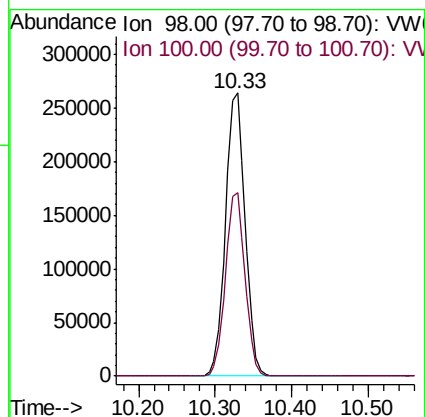
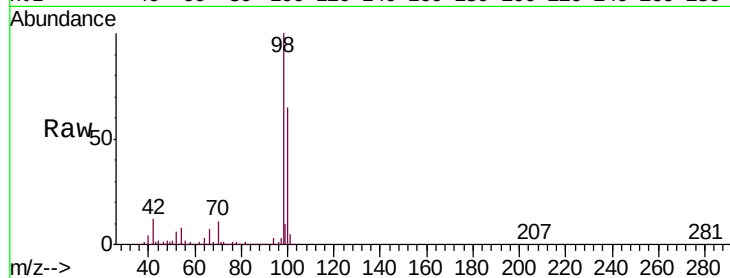
VW1008SBL02

Tgt Ion: 98 Resp: 466318

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.898 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005911.D

Acq: 09 Oct 2018 00:11

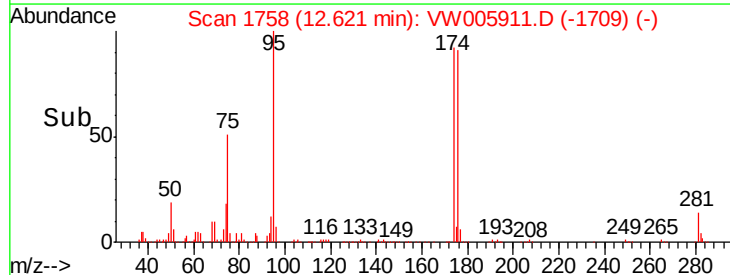
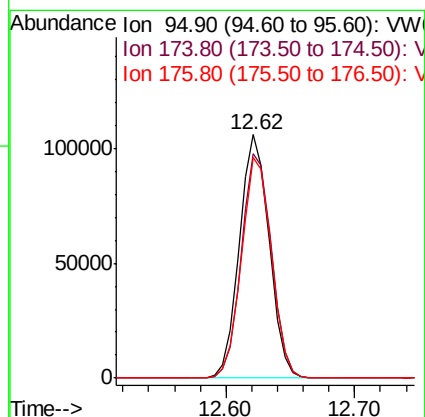
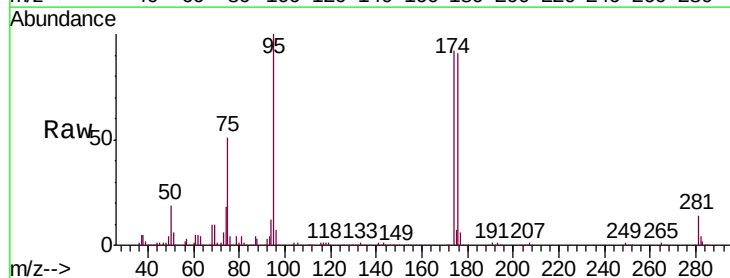
Tgt Ion: 95 Resp: 169115

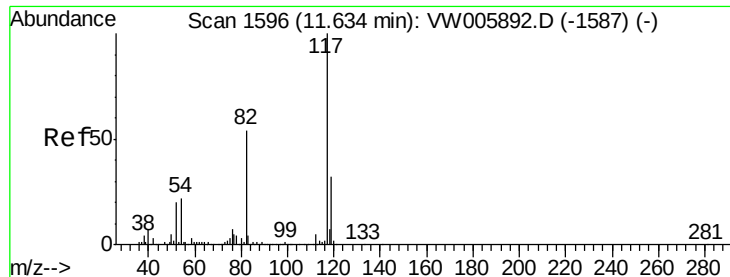
Ion Ratio Lower Upper

95 100

174 93.2 0.0 176.4

176 91.0 0.0 173.0

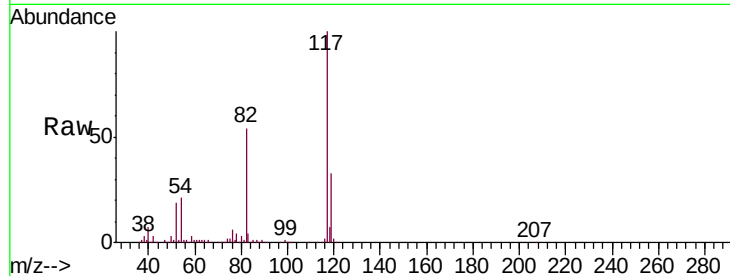




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005911.D
Acq: 09 Oct 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBL02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.5	65.3
119	32.7	25.4	38.2

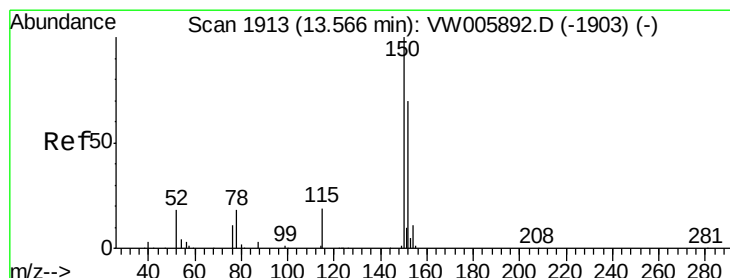
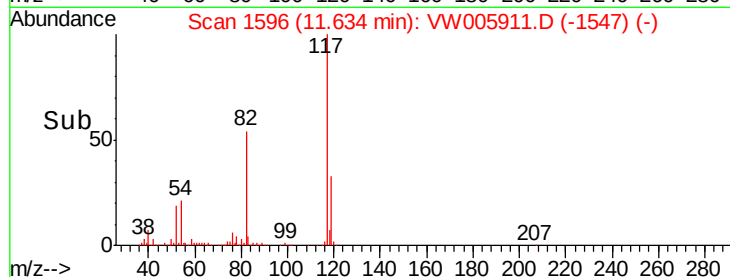
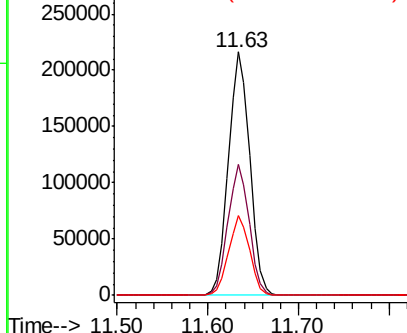


Abundance

Ion 116.90 (116.60 to 117.60): V

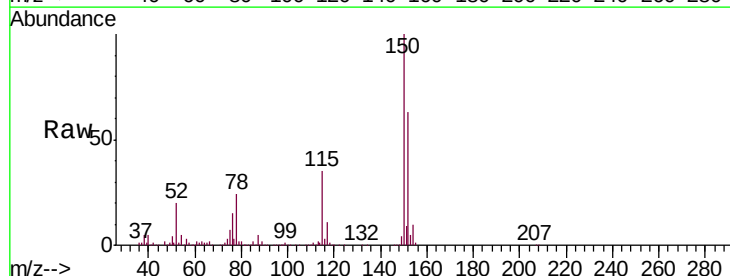
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005911.D
Acq: 09 Oct 2018 00:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.3	85.0
150	156.0	0.0	349.2

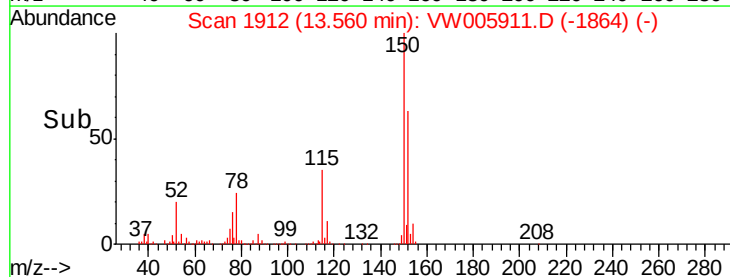
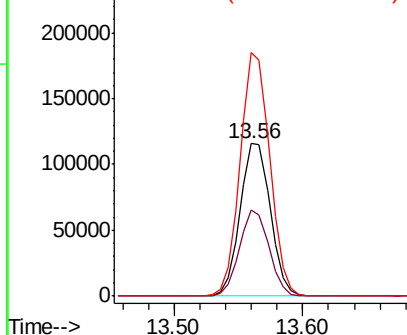


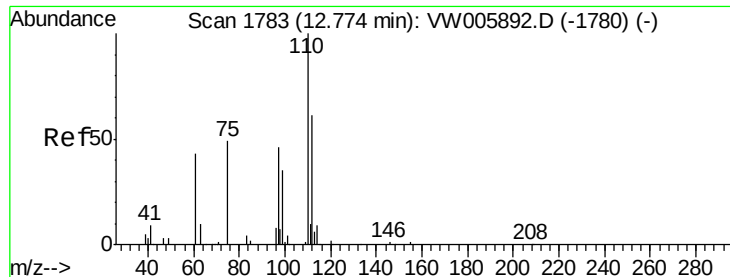
Abundance

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: 51.345 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005911.D

Acq: 09 Oct 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

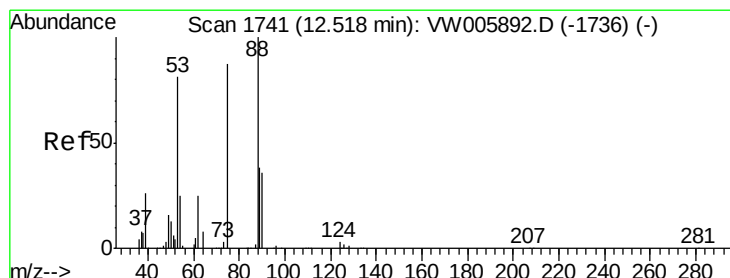
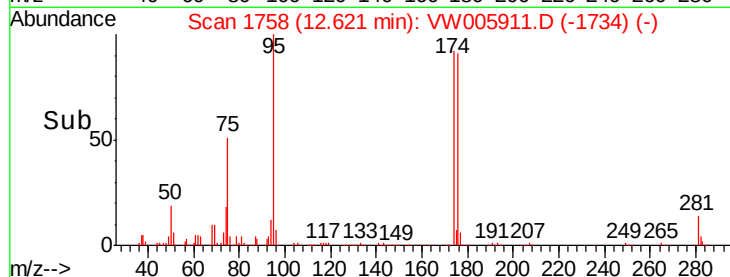
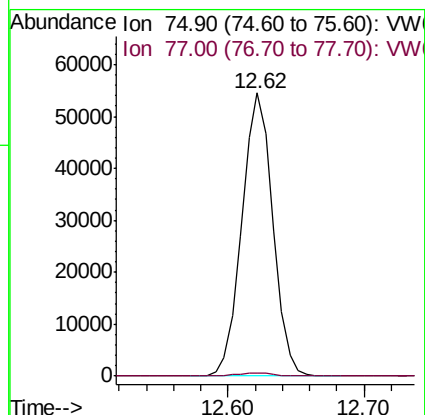
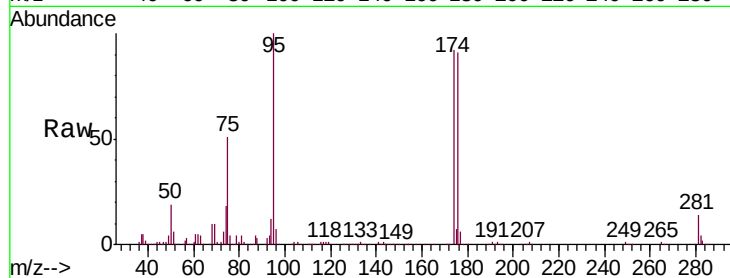
VW1008SBL02

Tgt Ion: 75 Resp: 86356

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.395 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005911.D

Acq: 09 Oct 2018 00:11

Tgt Ion: 75 Resp: 86356

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

