

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006263.D
 Acq On : 22 Oct 2018 20:19
 Operator : VA/AP
 Sample : J5625-02
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-01

Quant Time: Oct 23 04:08:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	227244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52163	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	68168	32.54	ug/l	0.00
Spiked Amount			Recovery	=	65.08%	
35) Dibromofluoromethane	7.89	113	69949	34.24	ug/l	0.00
Spiked Amount			Recovery	=	68.48%	
50) Toluene-d8	10.33	98	206475	26.57	ug/l	0.00
Spiked Amount			Recovery	=	53.14%	
62) 4-Bromofluorobenzene	12.62	95	43081	14.76	ug/l	0.00
Spiked Amount			Recovery	=	29.52%	

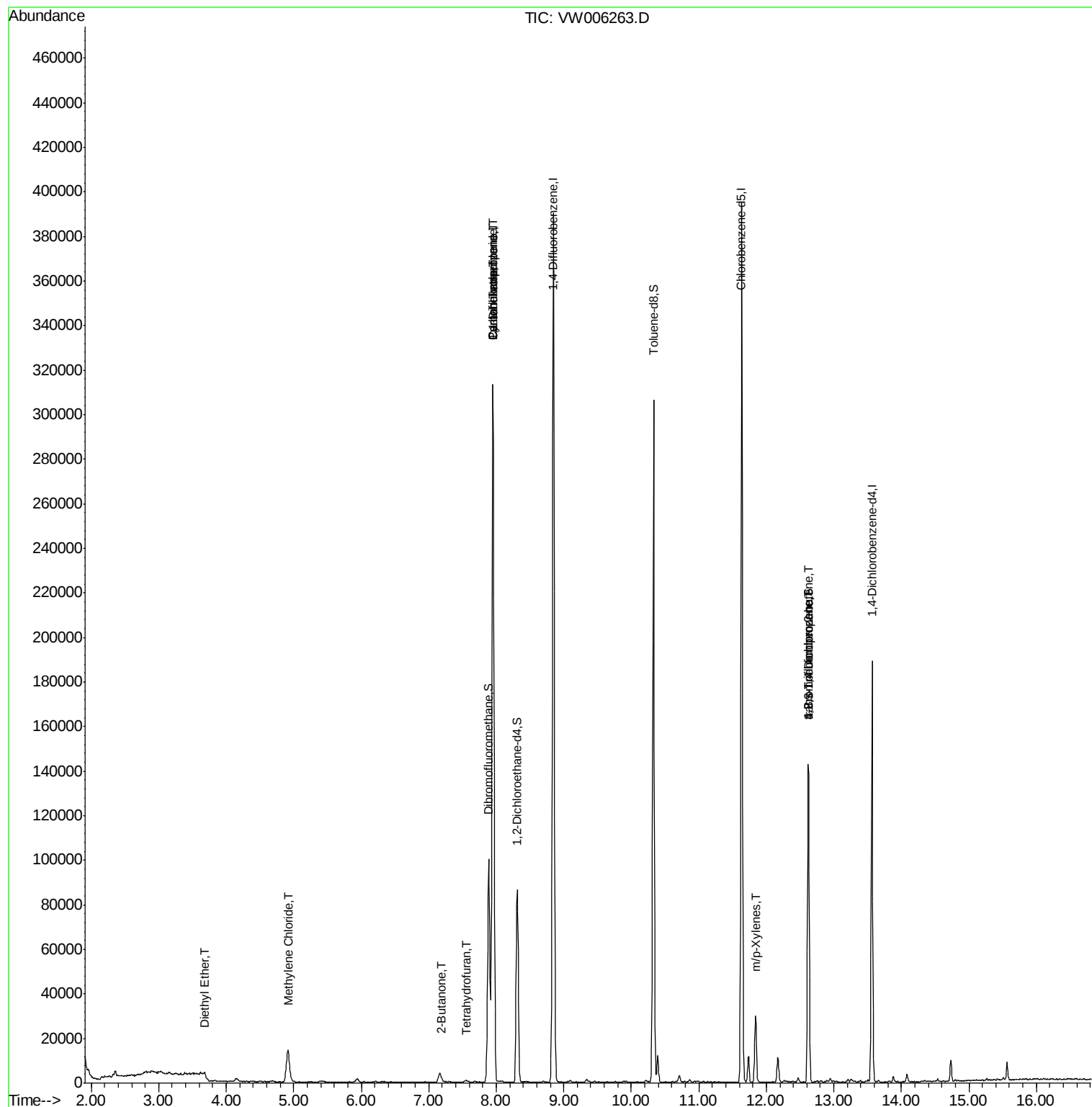
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1823	1.602	ug/l	69
16) Acetone	4.15	43	3200	Below Cal		91
20) Methylene Chloride	4.92	84	12006	3.917	ug/l	93
25) 2-Butanone	7.20	43	794	1.403	ug/l	98
29) Tetrahydrofuran	7.56	42	689	1.981	ug/l #	79
31) Cyclohexane	7.95	56	4822	1.258	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	16699	5.240	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22647	6.483	ug/l #	17
68) m/p-Xylenes	11.84	106	9488	2.847	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	22300	55.971	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22300	133.792	ug/l #	10

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

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Quant Time: Oct 23 04:08:20 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006263.D

Acq: 22 Oct 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

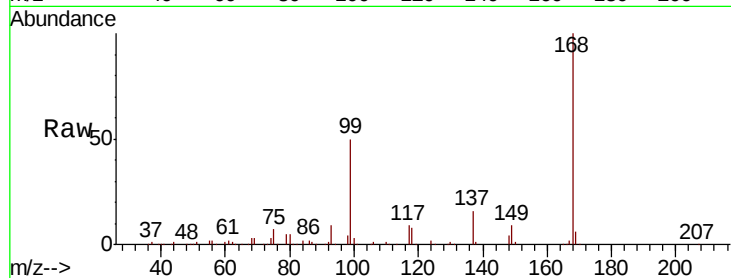
DW-01

Tot Ion:168 Resp: 252670

Ion Ratio Lower Upper

168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

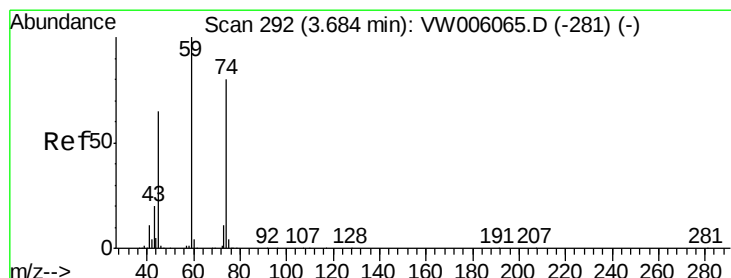
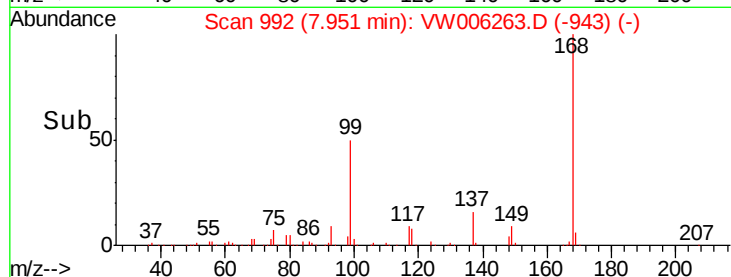
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.602 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006263.D

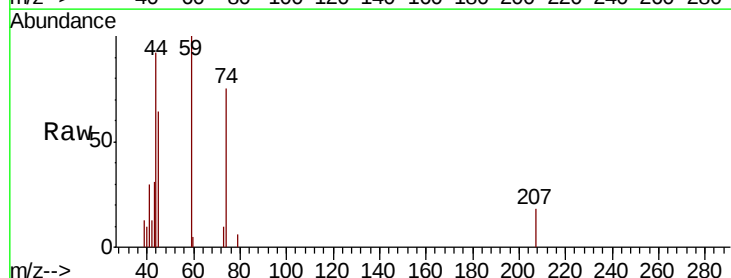
Acq: 22 Oct 2018 20:19

Tgt Ion: 74 Resp: 1823

Ion Ratio Lower Upper

74 100

45 113.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

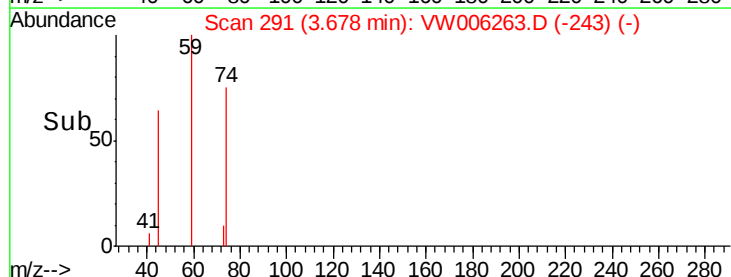
600

400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

Instrument :

MSVOA_W

ClientSampled :

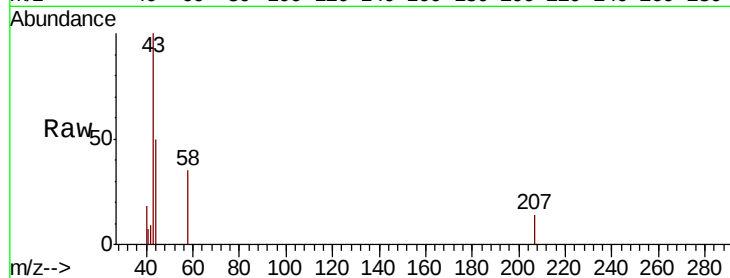
DW-01

Tot Ion: 43 Resp: 3200

Ion Ratio Lower Upper

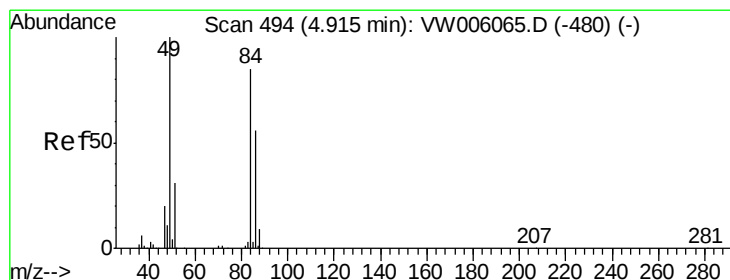
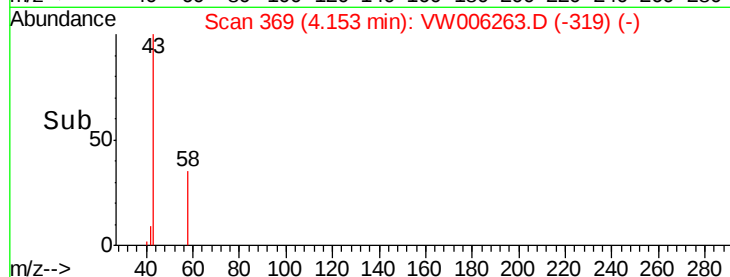
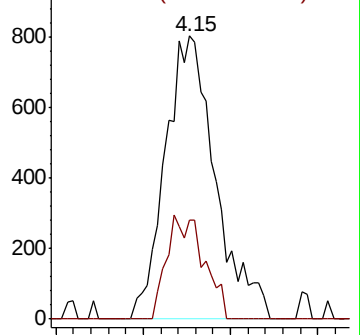
43 100

58 34.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.917 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

Tgt Ion: 84 Resp: 12006

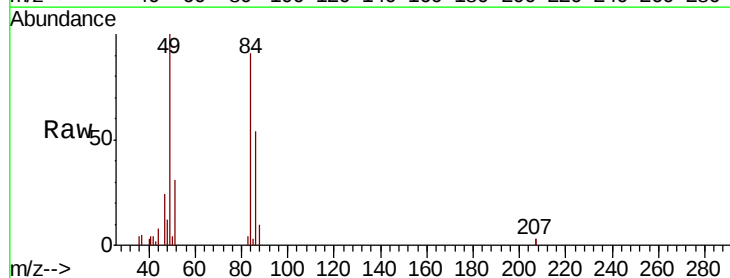
Ion Ratio Lower Upper

84 100

49 109.7 93.6 140.4

51 34.5 29.0 43.4

86 59.0 52.6 79.0

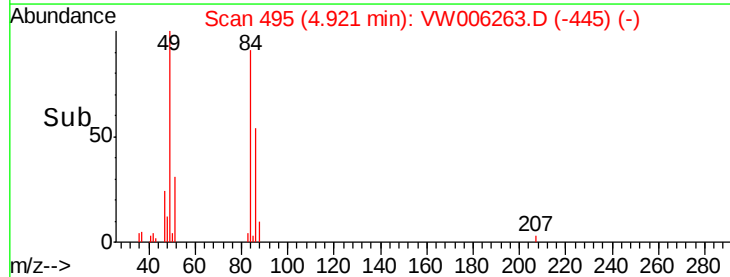
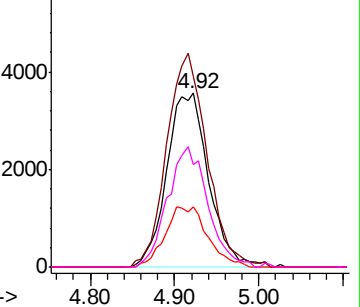


Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 1.403 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

Instrument :

MSVOA_W

ClientSampled :

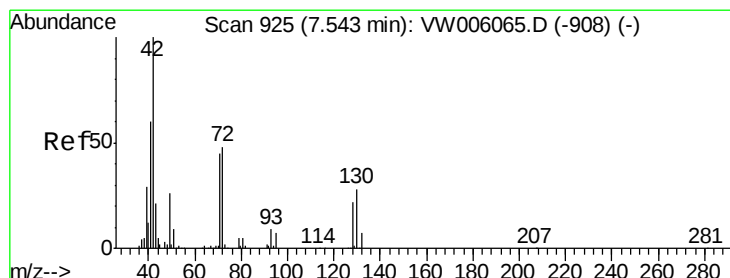
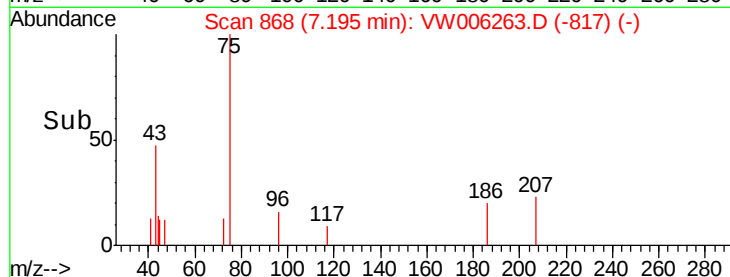
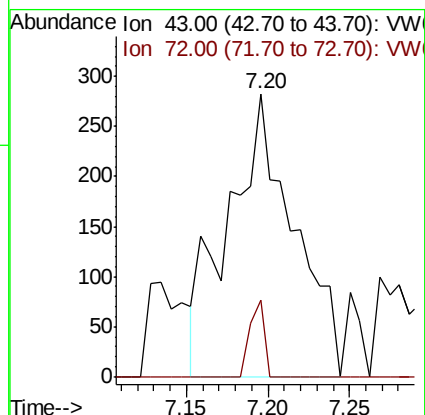
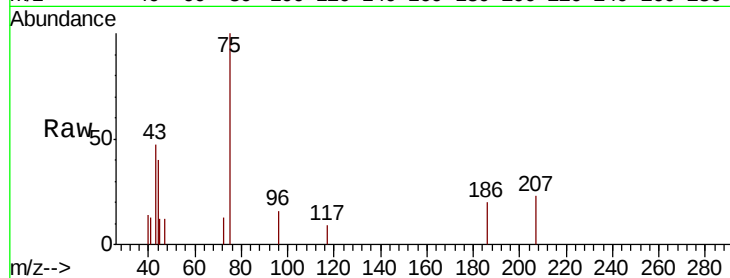
DW-01

Tot Ion: 43 Resp: 794

Ion Ratio Lower Upper

43 100

72 27.2 22.8 34.2



#29

Tetrahydrofuran

Concen: 1.981 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.01 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

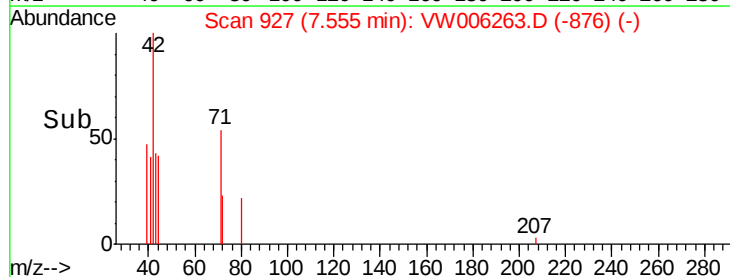
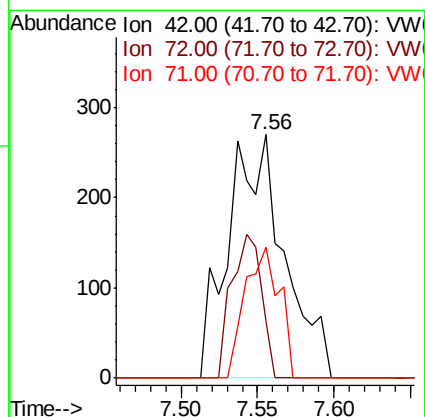
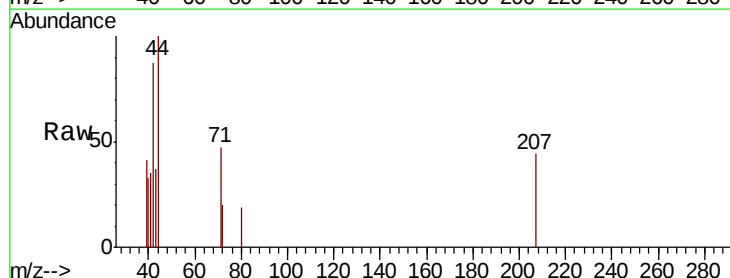
Tgt Ion: 42 Resp: 689

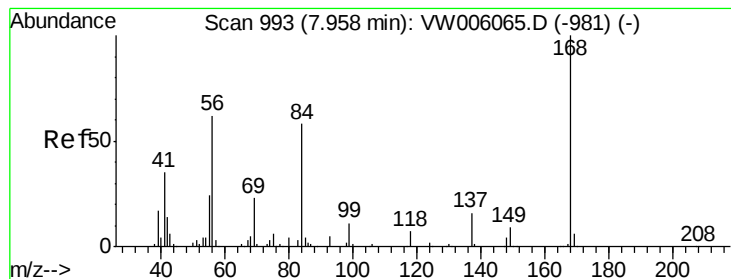
Ion Ratio Lower Upper

42 100

72 31.1 38.0 57.0#

71 33.2 35.3 52.9#





#31

Cvclohexane

Concen: 1.258 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

Instrument :

MSVOA_W

ClientSampled :

DW-01

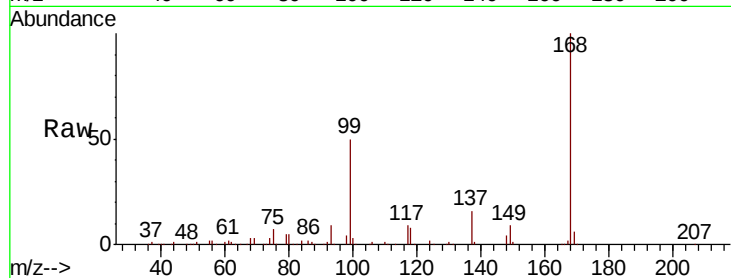
Tot Ion: 56 Resp: 4822

Ion Ratio Lower Upper

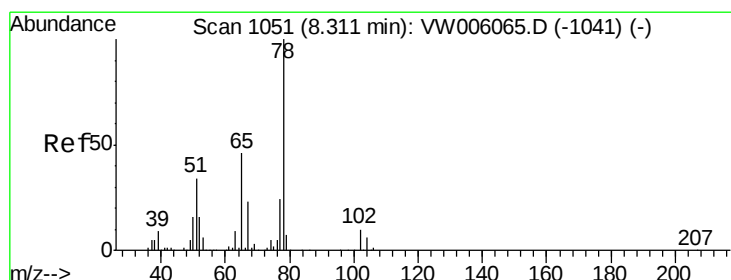
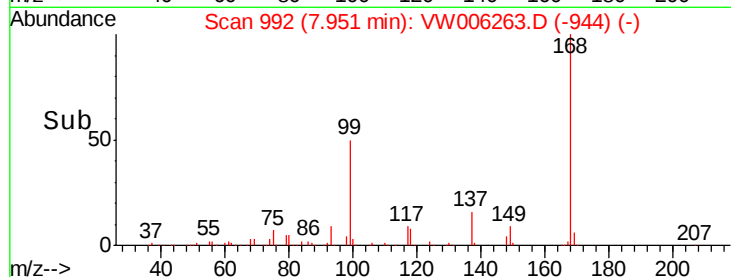
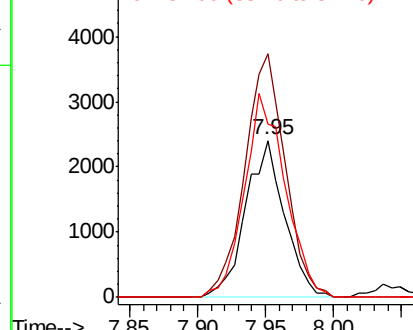
56 100

69 155.4 29.4 44.0#

84 110.9 74.0 111.0



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: 32.542 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006263.D

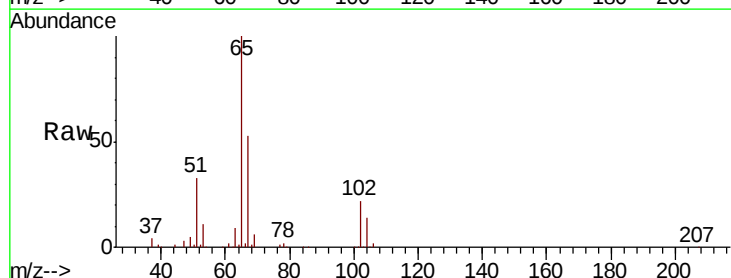
Acq: 22 Oct 2018 20:19

Tgt Ion: 65 Resp: 68168

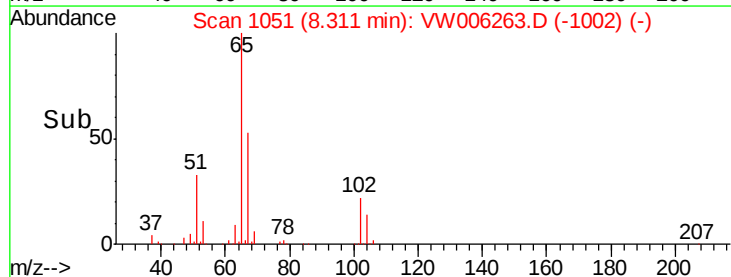
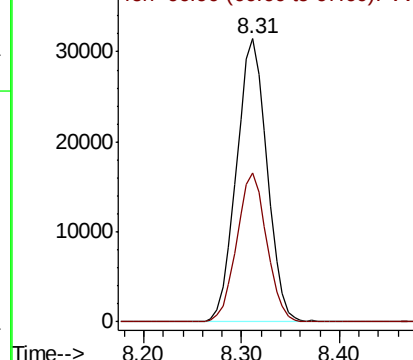
Ion Ratio Lower Upper

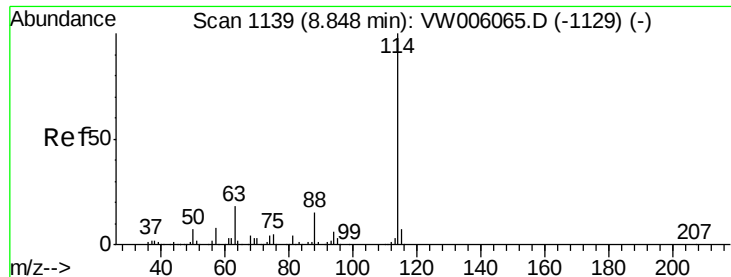
65 100

67 51.4 0.0 101.0



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

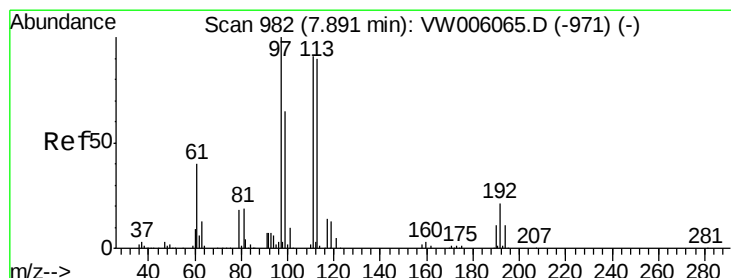
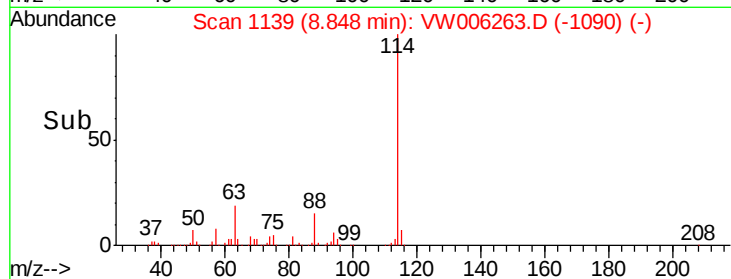
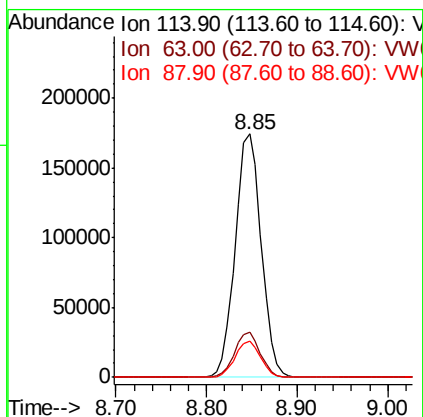
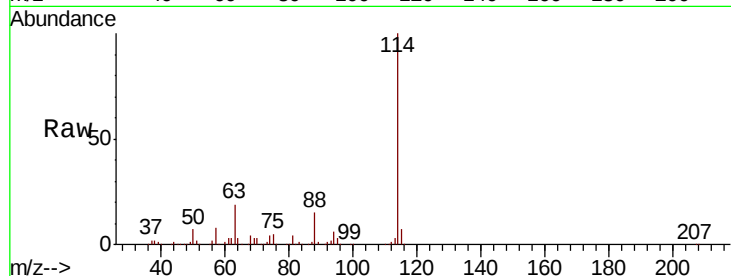




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006263.D
 Acq: 22 Oct 2018 20:19

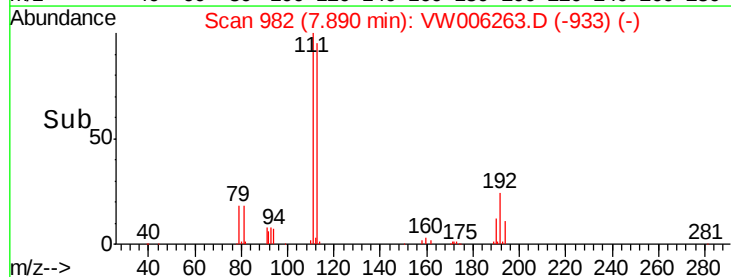
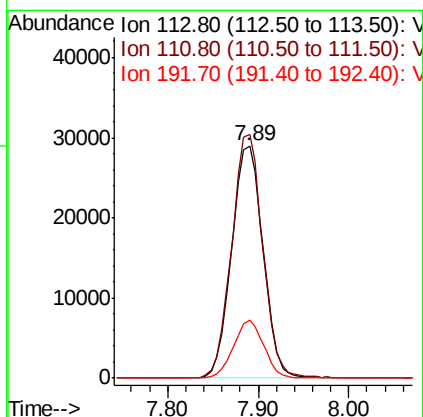
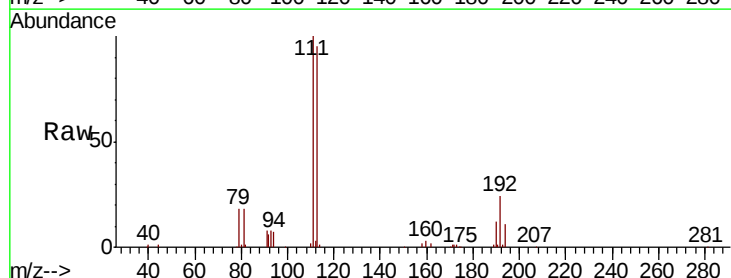
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-01

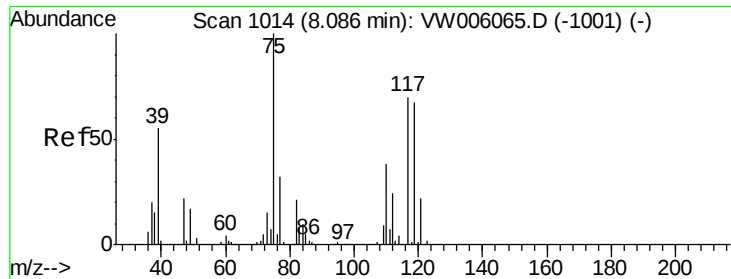
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.8
88	14.8	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 34.239 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006263.D
 Acq: 22 Oct 2018 20:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.8	18.7	28.1

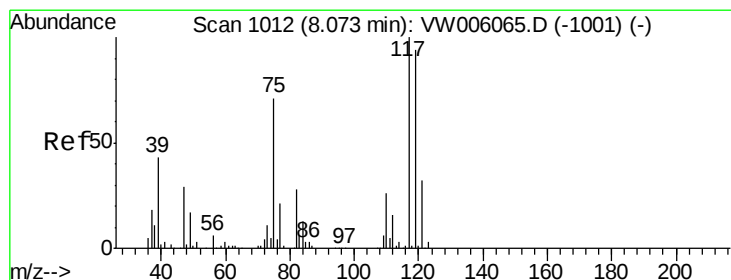
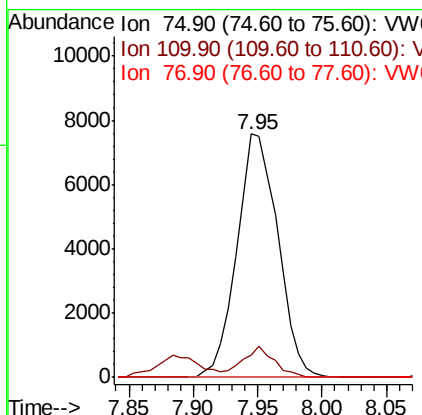
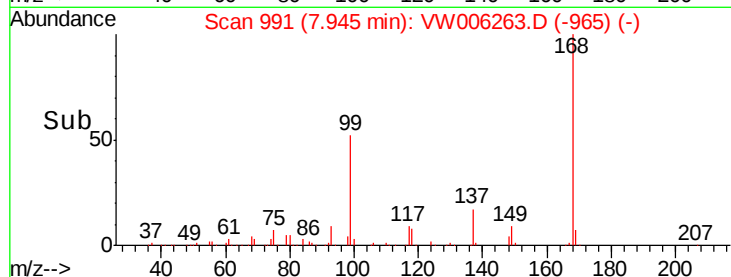
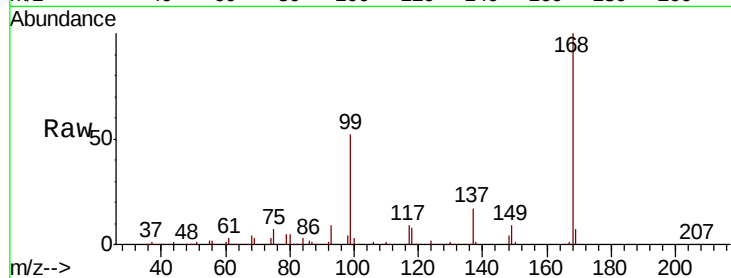




#36
 1,1-Dichloropropene
 Concen: 5.240 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006263.D
 Acq: 22 Oct 2018 20:19

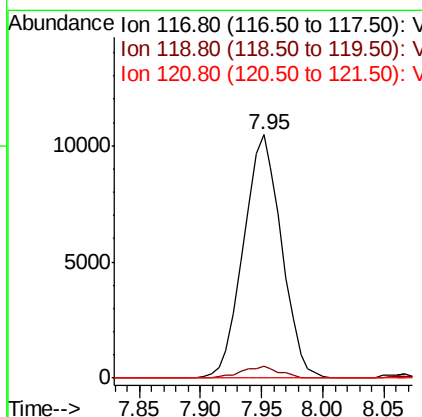
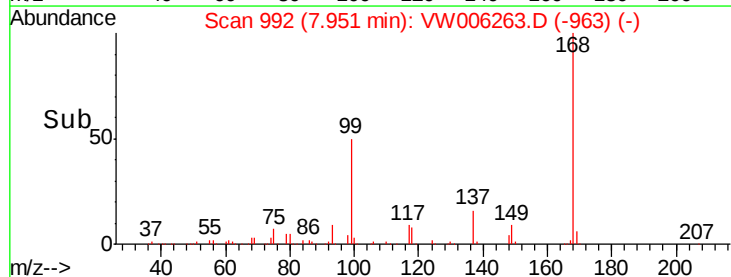
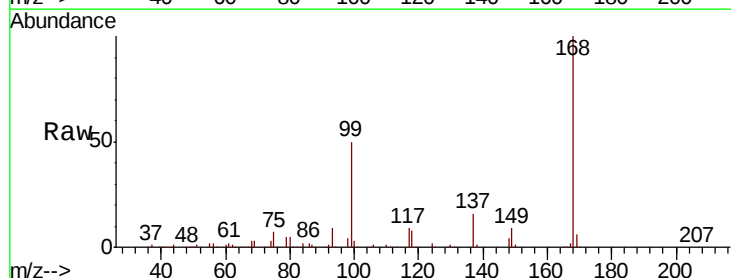
Instrument :
 MSVOA_W
 ClientSampleID :
 DW-01

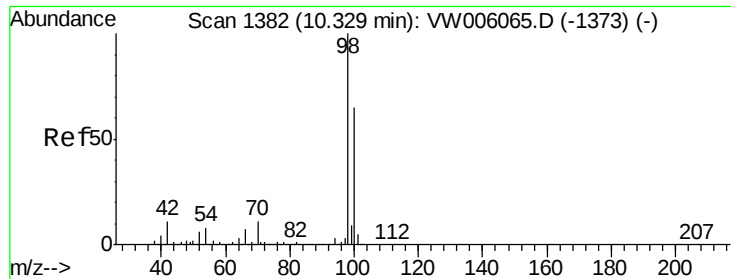
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.483 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006263.D
 Acq: 22 Oct 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 26.565 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

Instrument :

MSVOA_W

ClientSampled :

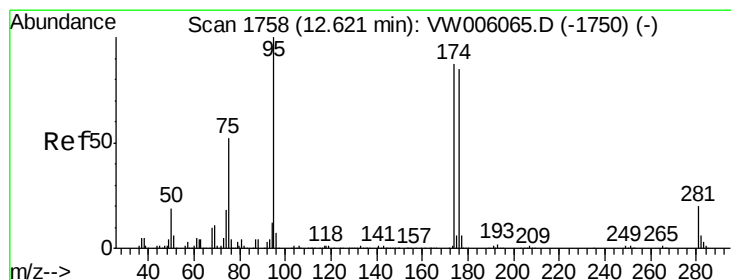
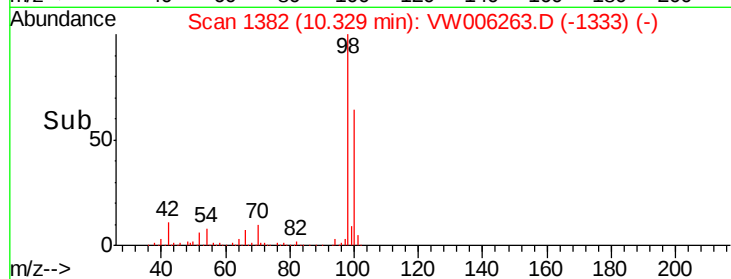
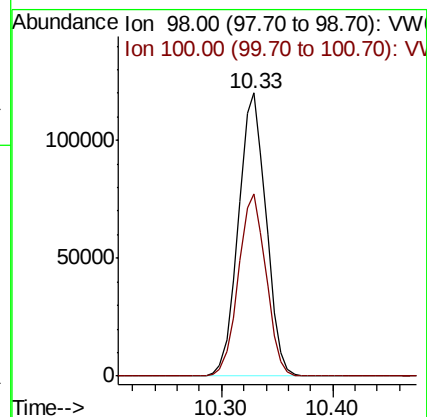
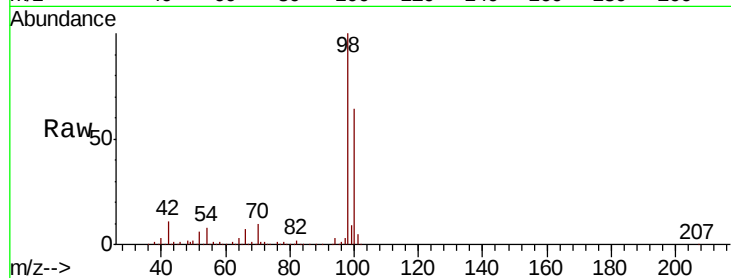
DW-01

Tot Ion: 98 Resp: 206475

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 14.758 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

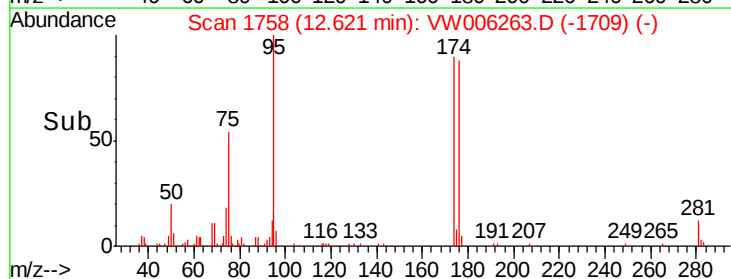
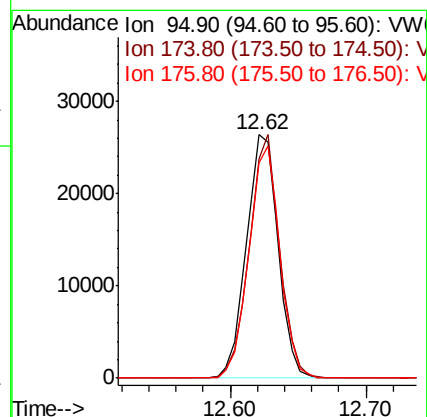
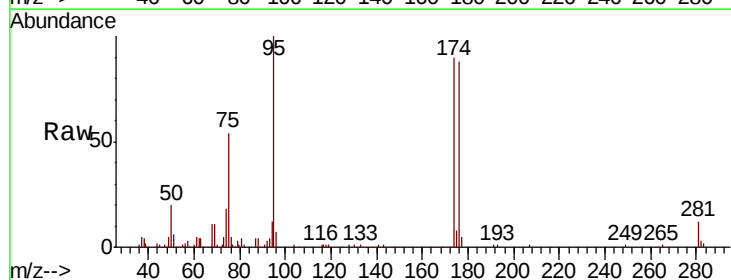
Tgt Ion: 95 Resp: 43081

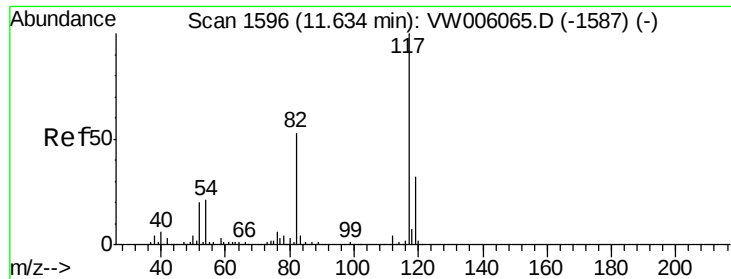
Ion Ratio Lower Upper

95 100

174 95.6 0.0 186.0

176 93.0 0.0 181.6

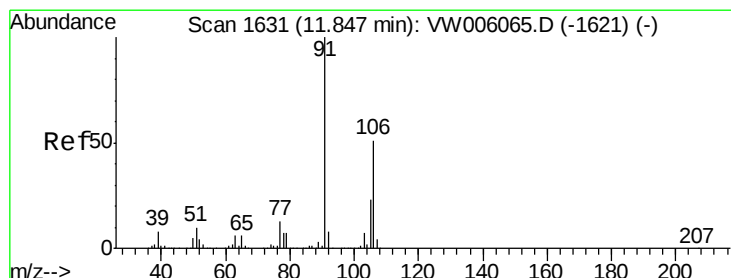
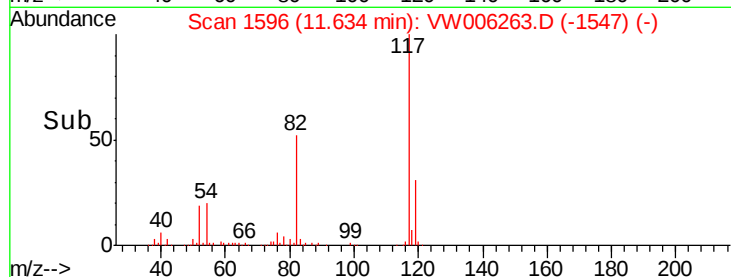
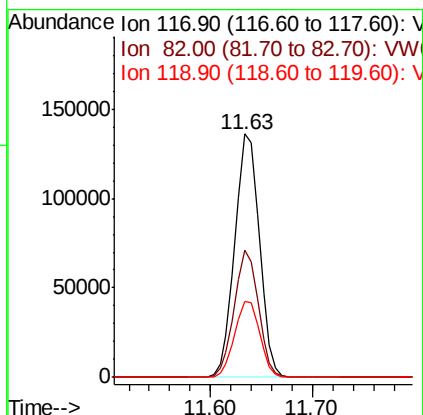
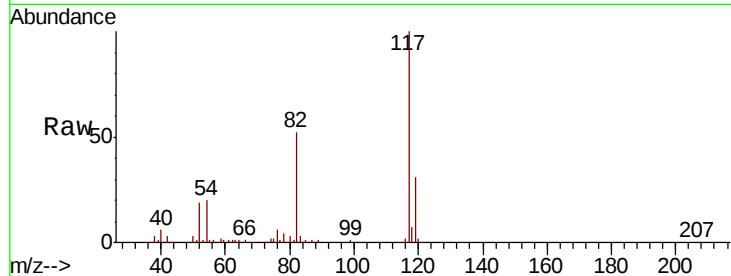




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006263.D
Acq: 22 Oct 2018 20:19

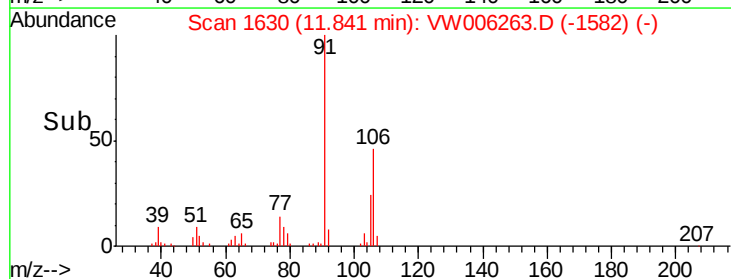
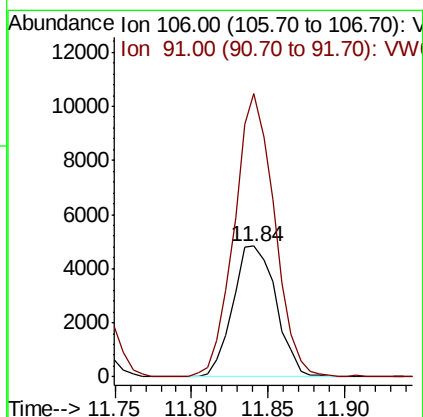
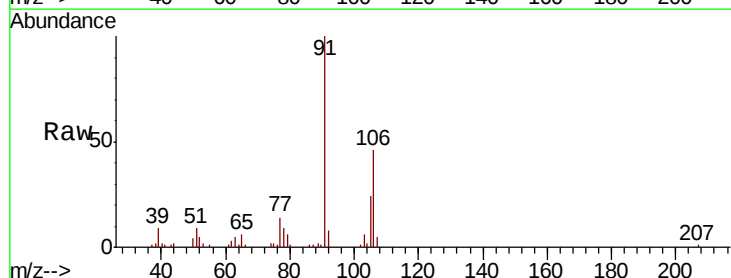
Instrument :
MSVOA_W
ClientSampleId :
DW-01

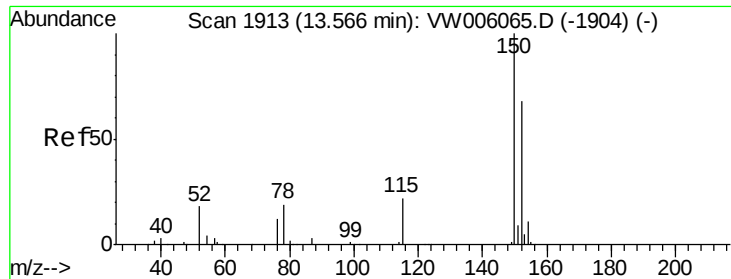
Tot Ion:117 Resp: 227244
Ion Ratio Lower Upper
117 100
82 52.0 42.1 63.1
119 31.4 25.8 38.6



#68
m/p-Xylenes
Concen: 2.847 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006263.D
Acq: 22 Oct 2018 20:19

Tgt Ion:106 Resp: 9488
Ion Ratio Lower Upper
106 100
91 200.4 159.1 238.7



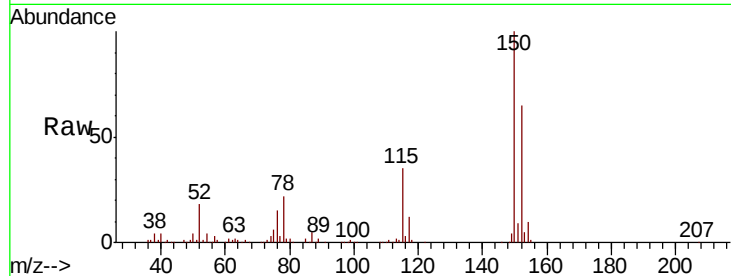


#72

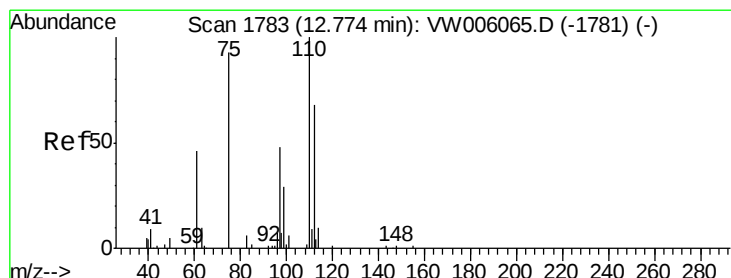
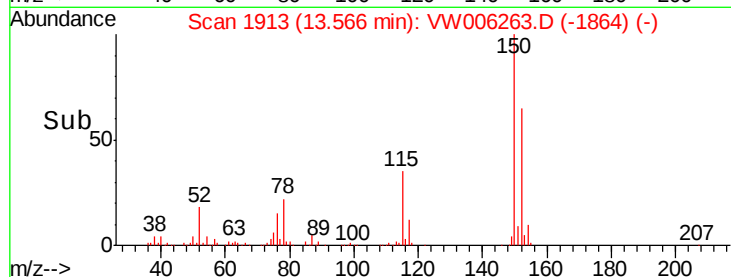
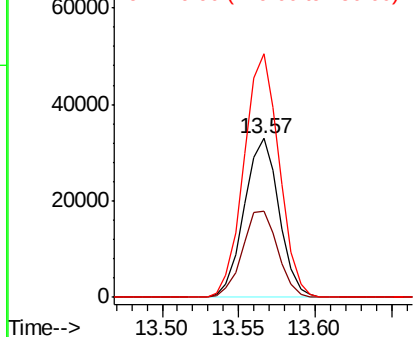
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006263.D
Acq: 22 Oct 2018 20:19

Instrument :
MSVOA_W
ClientSampleId :
DW-01

Tot Ion:152 Resp: 52163
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 154.9 0.0 349.2



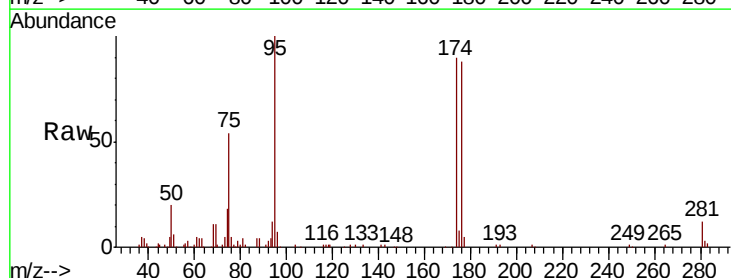
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



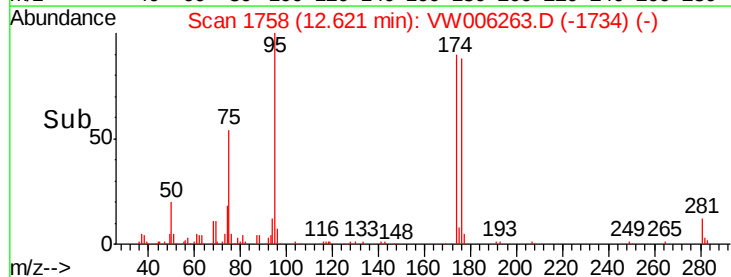
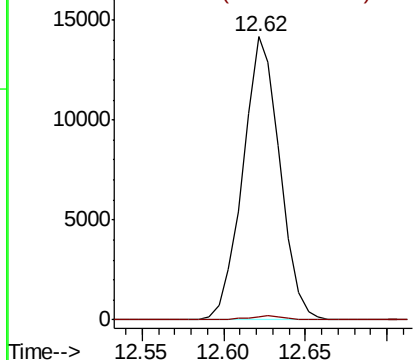
#76

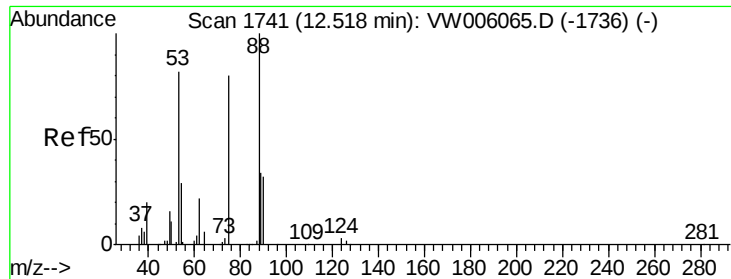
1,2,3-Trichloropropane
Concen: 55.971 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006263.D
Acq: 22 Oct 2018 20:19

Tgt Ion: 75 Resp: 22300
Ion Ratio Lower Upper
75 100
77 1.3 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: 133.792 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006263.D

Acq: 22 Oct 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

DW-01

Tot Ion: 75 Resp: 22300

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

