

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006506.D
 Acq On : 30 Oct 2018 17:09
 Operator : SY/AP
 Sample : J5654-01
 Misc : 10.88G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SW2-01

Quant Time: Oct 31 03:49:33 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	318232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	451250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206458	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	101091	38.32	ug/l	0.00
Spiked Amount			Recovery	=	76.64%	
35) Dibromofluoromethane	7.88	113	85483	32.06	ug/l	0.00
Spiked Amount			Recovery	=	64.12%	
50) Toluene-d8	10.33	98	382752	37.73	ug/l	0.00
Spiked Amount			Recovery	=	75.46%	
62) 4-Bromofluorobenzene	12.62	95	130308	34.20	ug/l	0.00
Spiked Amount			Recovery	=	68.40%	

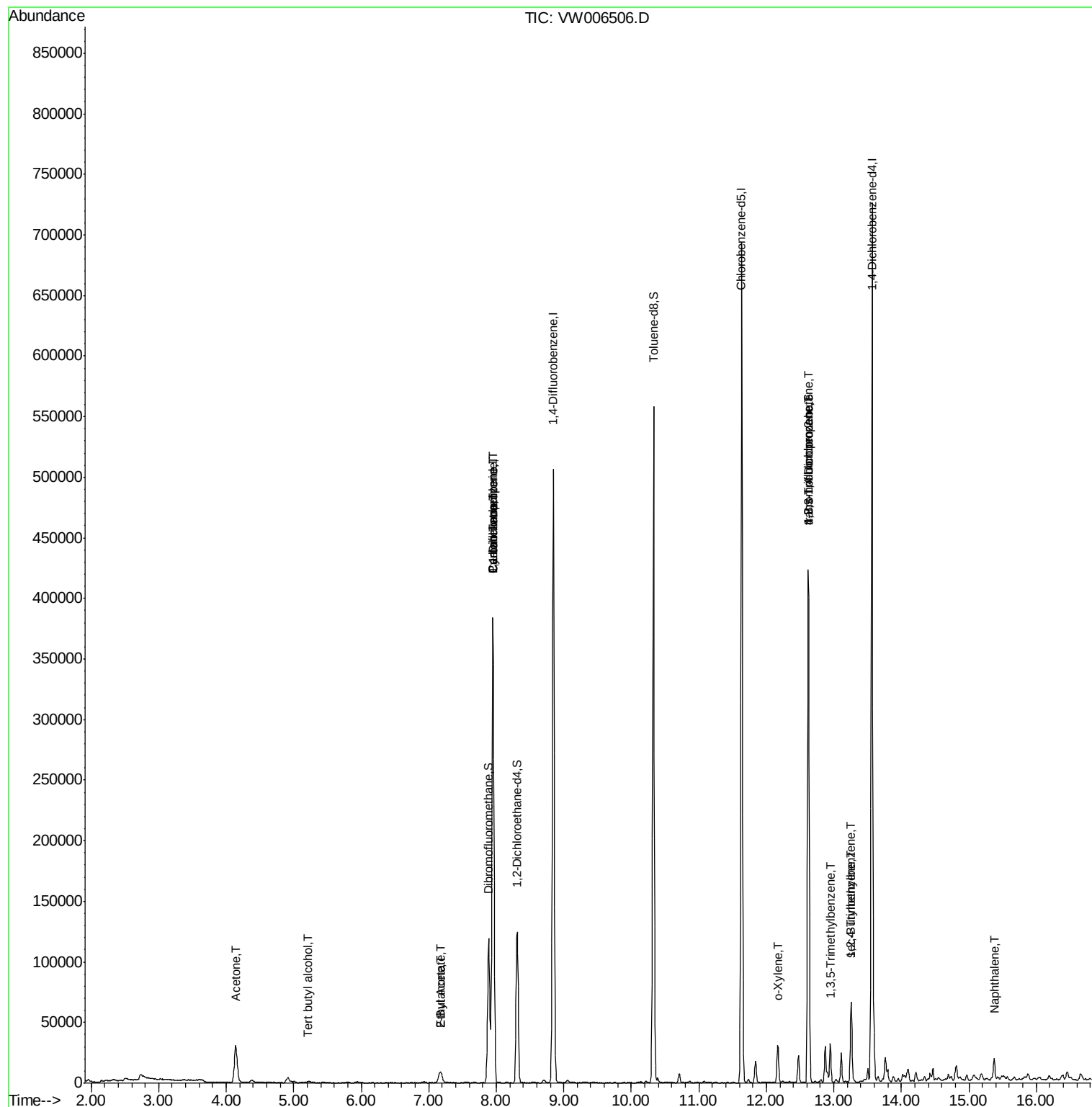
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	1374	7.744	ug/l #	87
16) Acetone	4.14	43	59144	111.276	ug/l	98
20) Methylene Chloride	4.91	84	3546	Below Cal		94
25) 2-Butanone	7.18	43	10090	14.157	ug/l	90
31) Cyclohexane	7.95	56	5358	1.110	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	19805	4.762	ug/l #	49
37) Ethyl Acetate	7.18	43	10090	6.529	ug/l #	67
38) Carbon Tetrachloride	7.95	117	27500	6.031	ug/l #	16
69) o-Xylene	12.17	106	8580	1.510	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	65055	41.254	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.95	105	15255	1.241	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	65055	98.614	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	37898	3.046	ug/l	99
85) sec-Butylbenzene	13.26	105	37898	2.438	ug/l #	55
95) Naphthalene	15.38	128	16991	2.093	ug/l	99

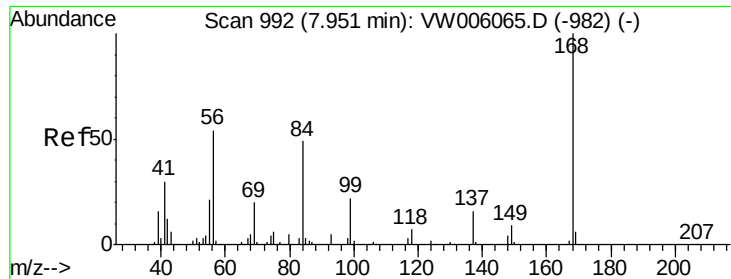
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
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Quant Title : SW846 8260
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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: VW006506.D

Acq: 30 Oct 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

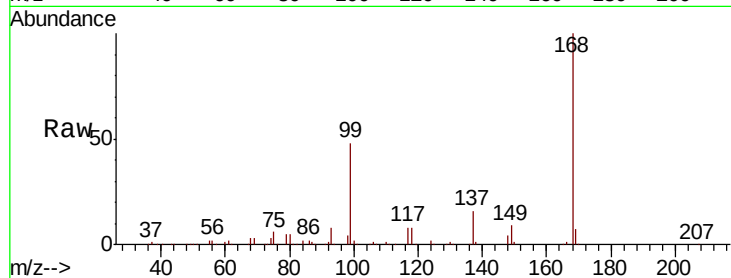
SW2-01

Tot Ion:168 Resp: 318232

Ion Ratio Lower Upper

168 100

99 47.9 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

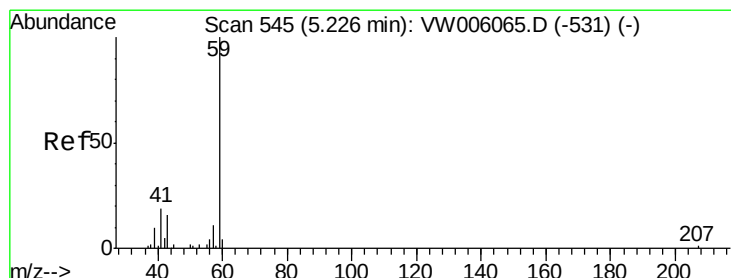
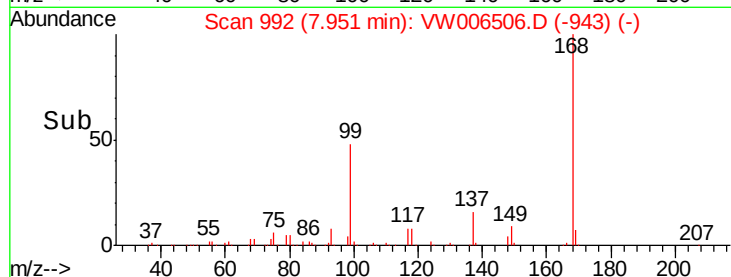
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.744 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006506.D

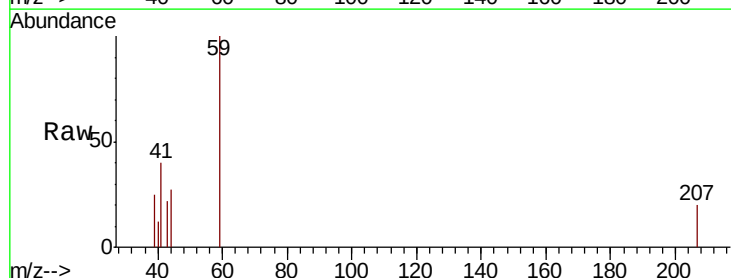
Acq: 30 Oct 2018 17:09

Tgt Ion: 59 Resp: 1374

Ion Ratio Lower Upper

59 100

57 6.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

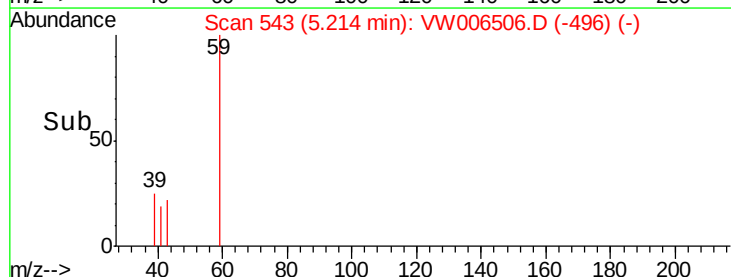
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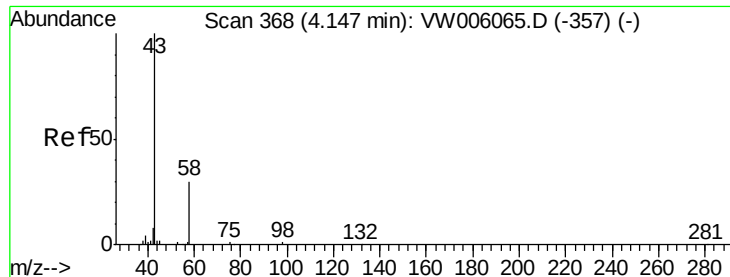
400

200

0

Time-->





#16

Acetone

Concen: 111.276 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

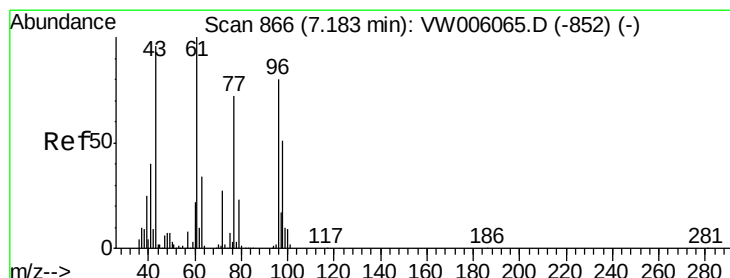
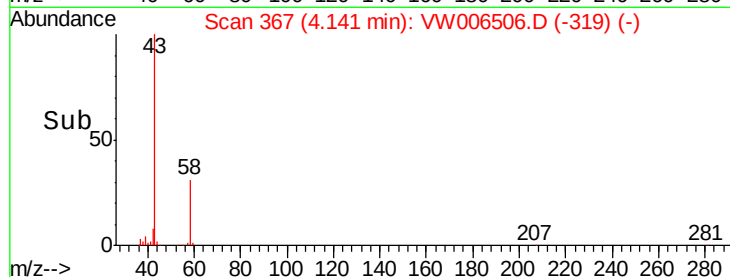
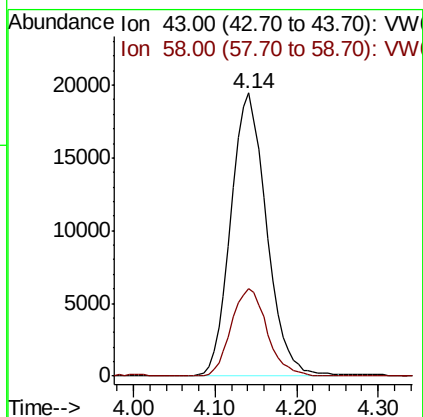
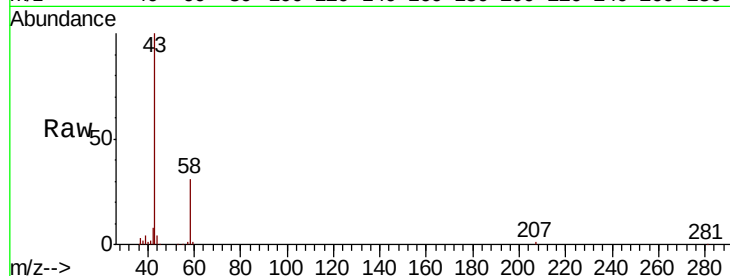
SW2-01

Tot Ion: 43 Resp: 59144

Ion Ratio Lower Upper

43 100

58 31.0 24.0 36.0



#25

2-Butanone

Concen: 14.157 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006506.D

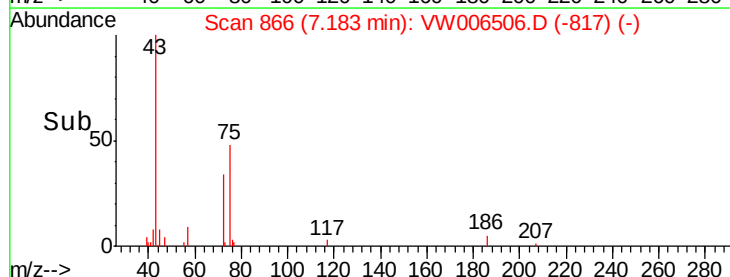
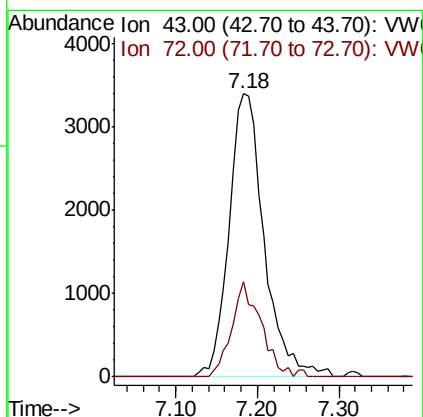
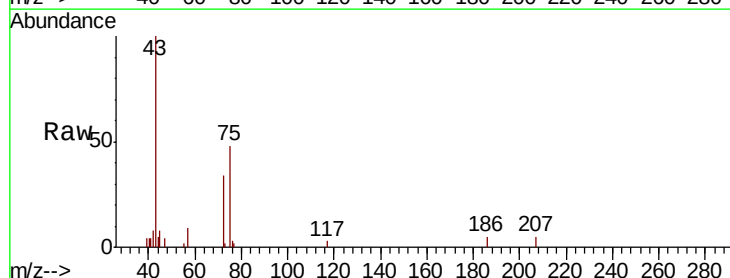
Acq: 30 Oct 2018 17:09

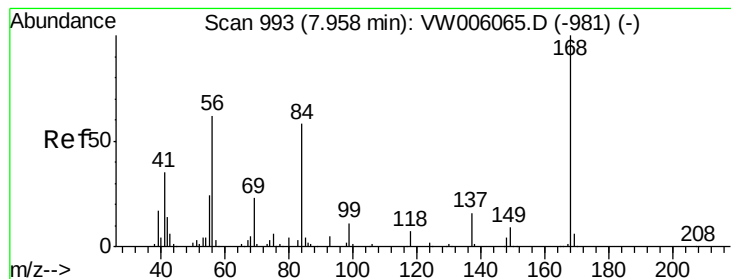
Tgt Ion: 43 Resp: 10090

Ion Ratio Lower Upper

43 100

72 33.6 22.8 34.2





#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

SW2-01

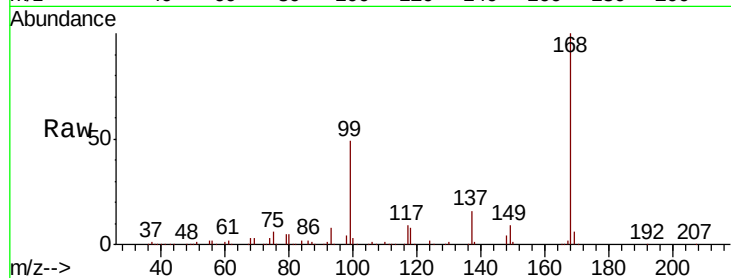
Tot Ion: 56 Resp: 5358

Ion Ratio Lower Upper

56 100

69 161.5 29.4 44.0#

84 136.2 74.0 111.0#

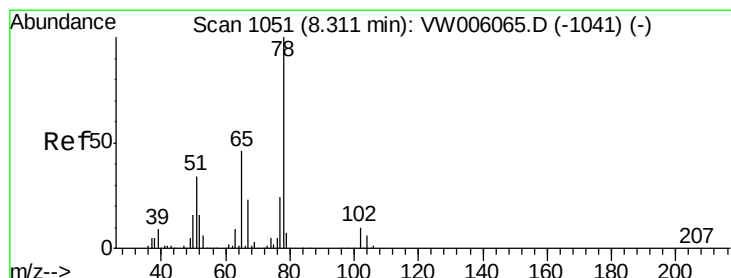
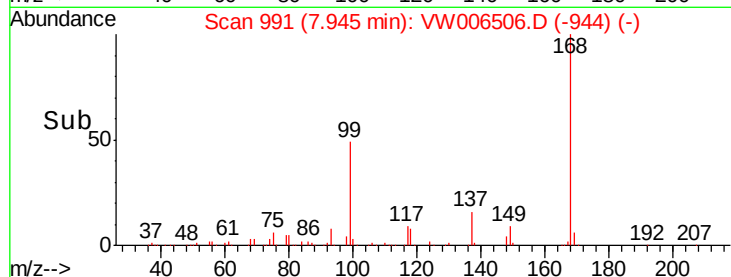
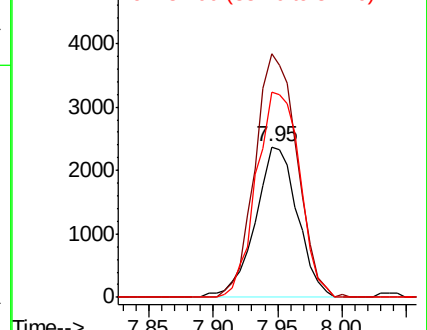


Abundance

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: 38.316 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006506.D

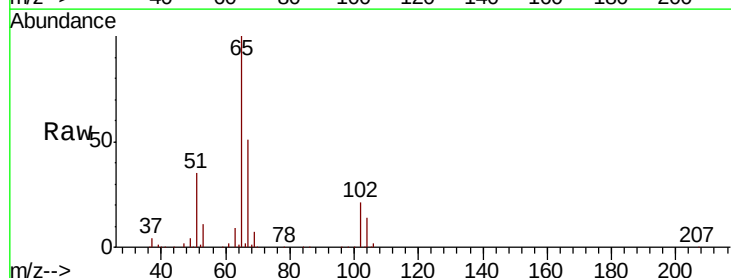
Acq: 30 Oct 2018 17:09

Tgt Ion: 65 Resp: 101091

Ion Ratio Lower Upper

65 100

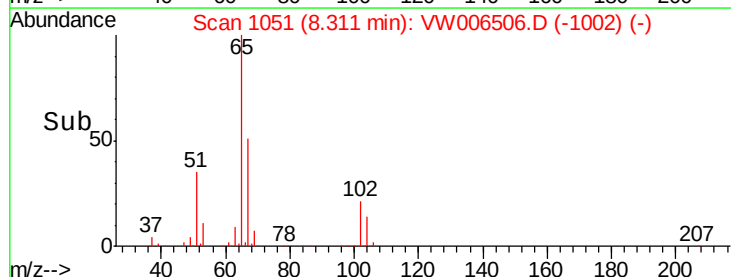
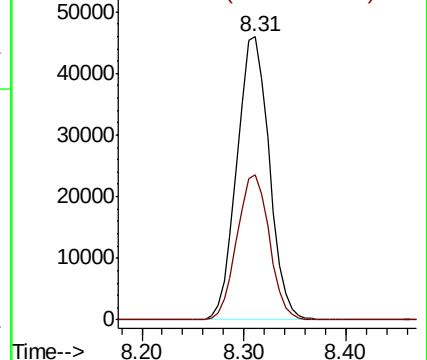
67 51.4 0.0 101.0

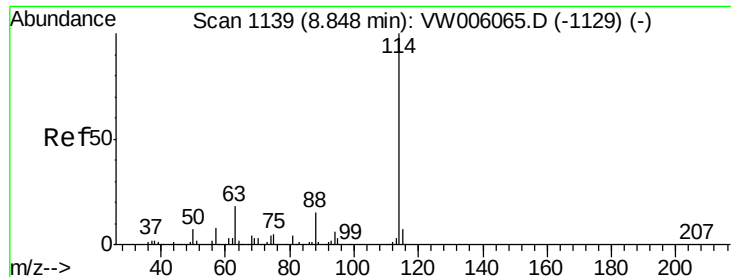


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

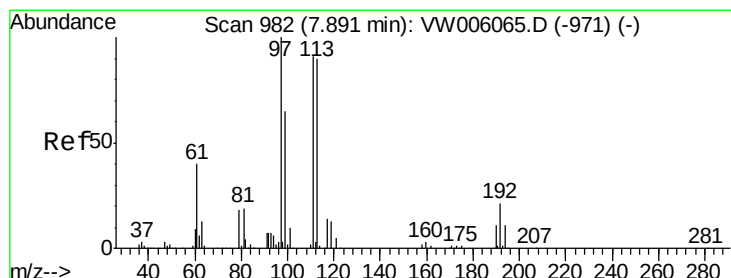
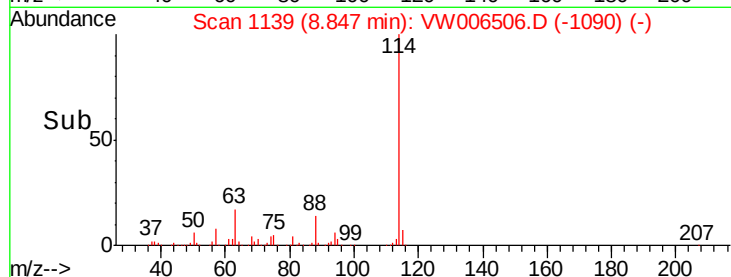
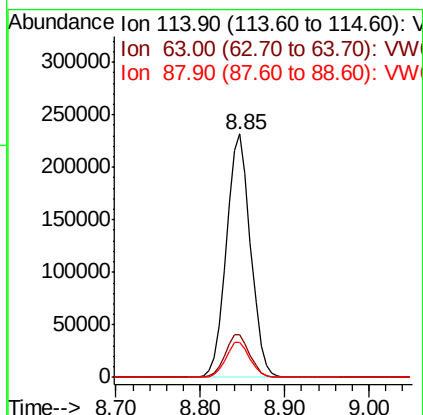
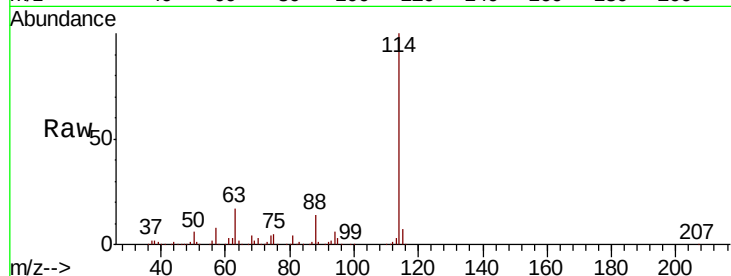




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006506.D
 Acq: 30 Oct 2018 17:09

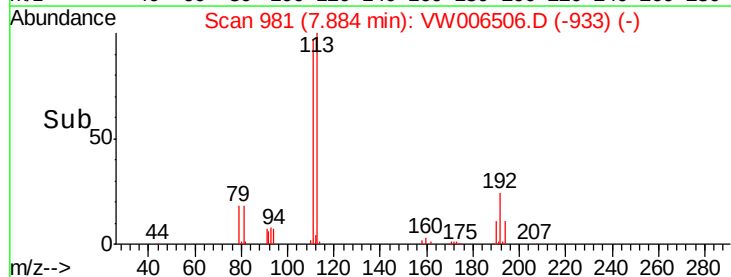
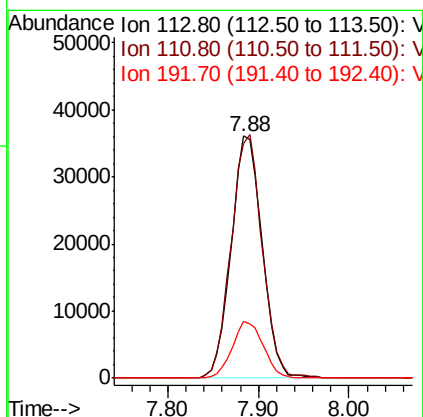
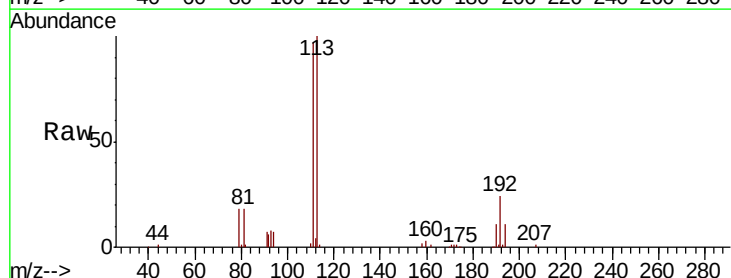
Instrument :
 MSVOA_W
 ClientSampled :
 SW2-01

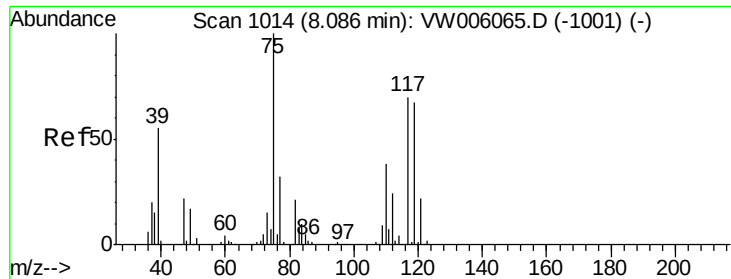
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.8
88	14.4	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 32.059 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006506.D
 Acq: 30 Oct 2018 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	23.5	18.7	28.1





#36

1,1-Dichloropropene

Concen: 4.762 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

SW2-01

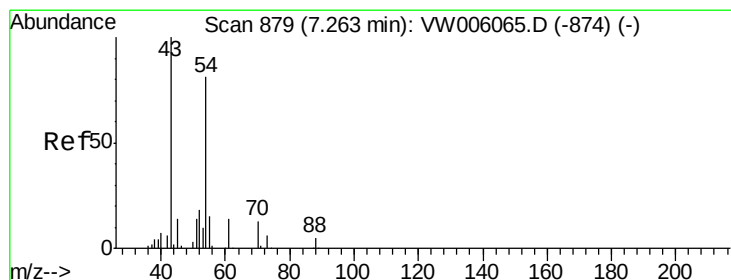
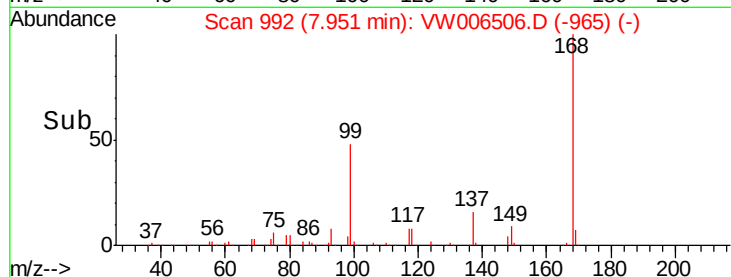
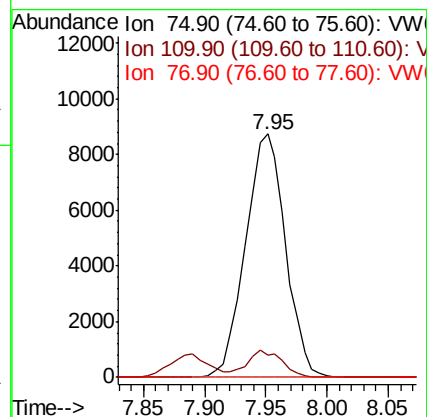
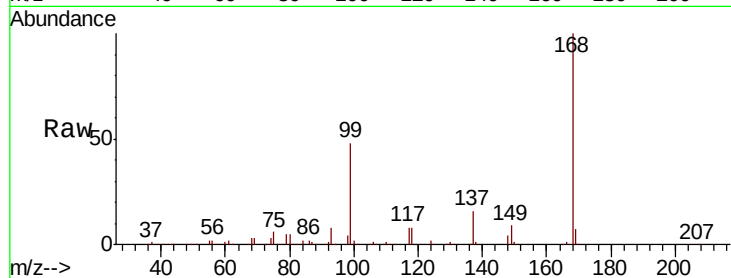
Tot Ion: 75 Resp: 19805

Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.1#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 6.529 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.08 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

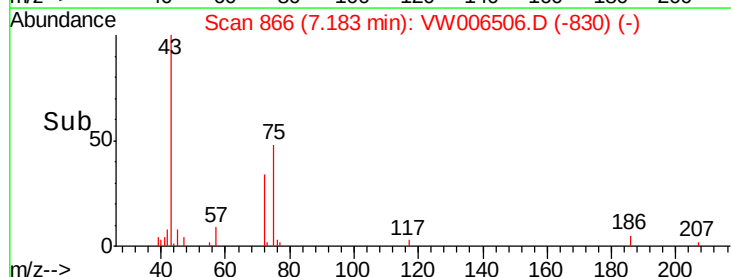
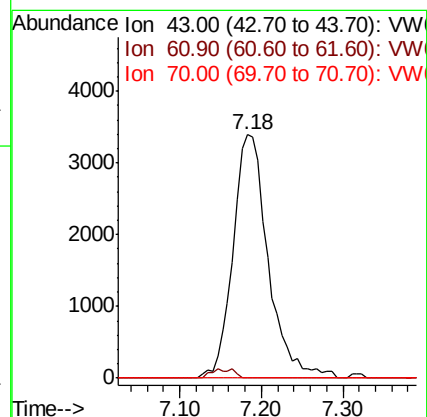
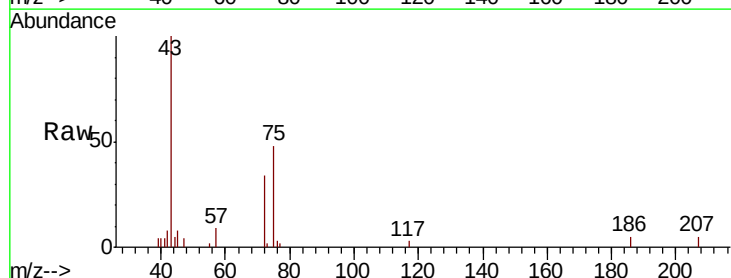
Tgt Ion: 43 Resp: 10090

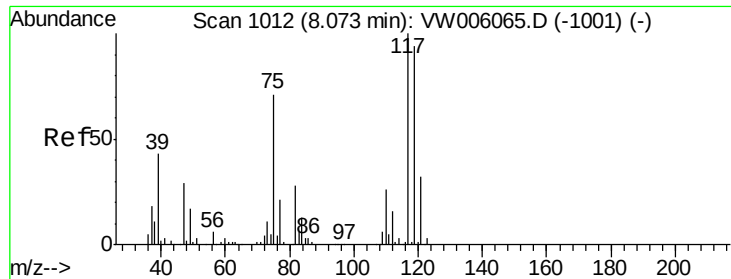
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 9.2 13.8#

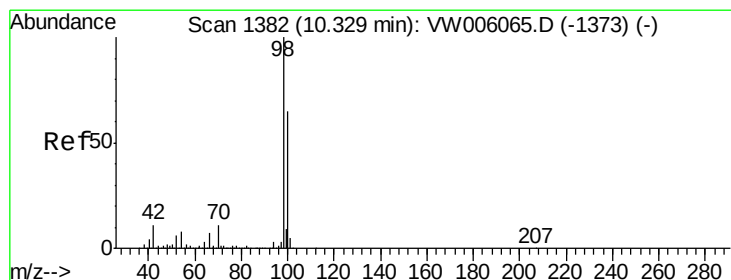
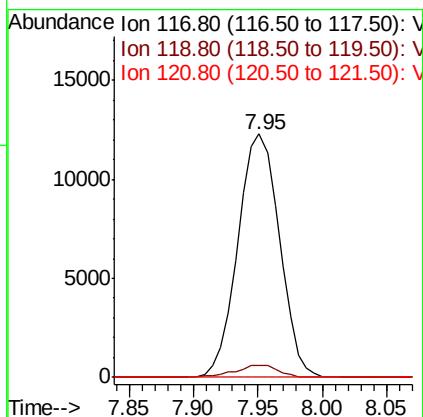
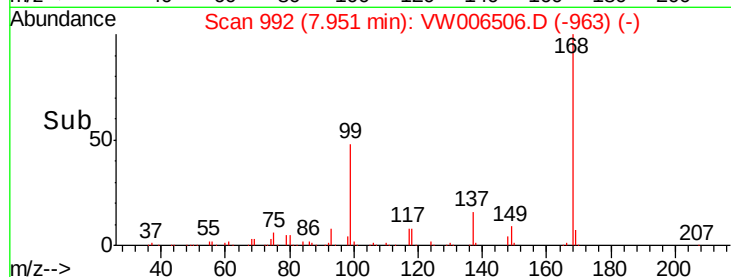
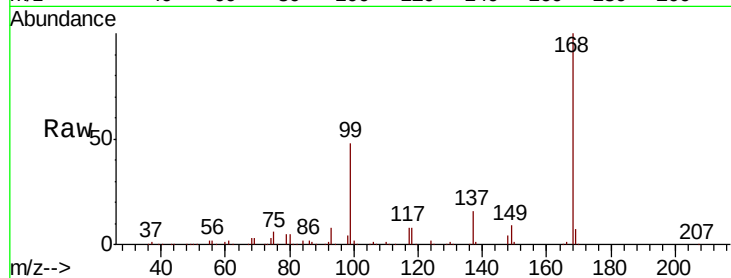




#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006506.D
Acq: 30 Oct 2018 17:09

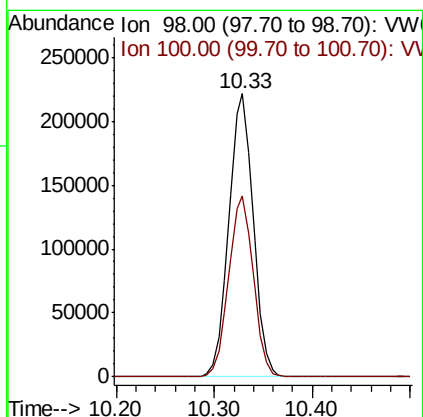
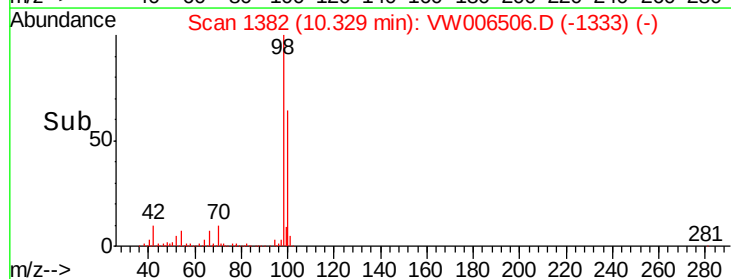
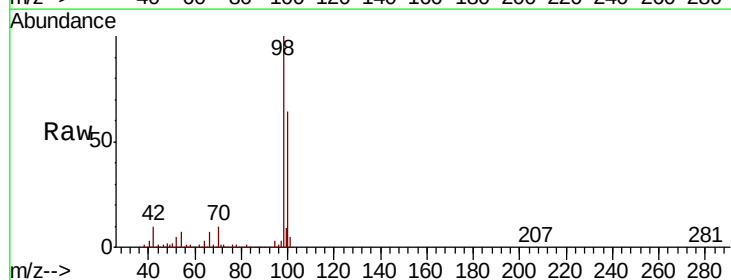
Instrument :
MSVOA_W
ClientSampleId :
SW2-01

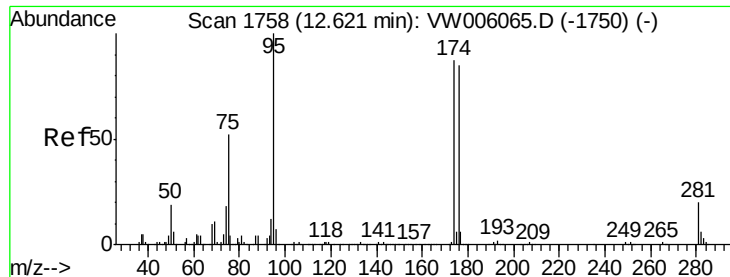
Tot Ion:117 Resp: 27500
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 37.730 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006506.D
Acq: 30 Oct 2018 17:09

Tgt Ion: 98 Resp: 382752
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

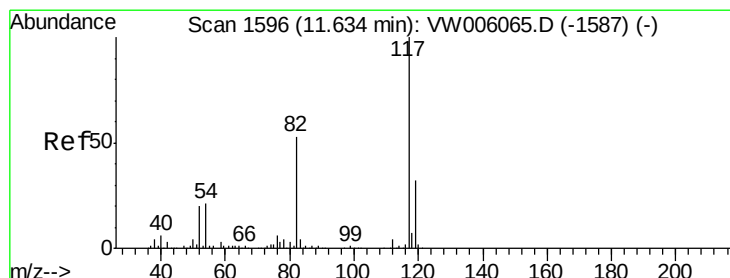
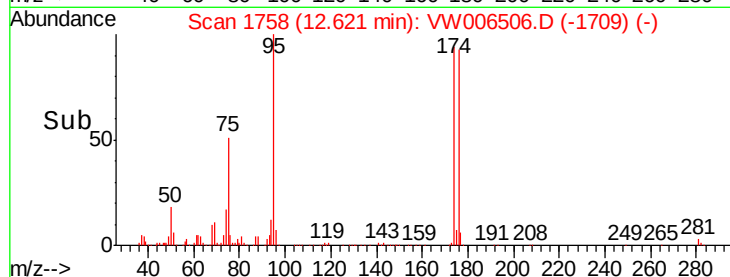
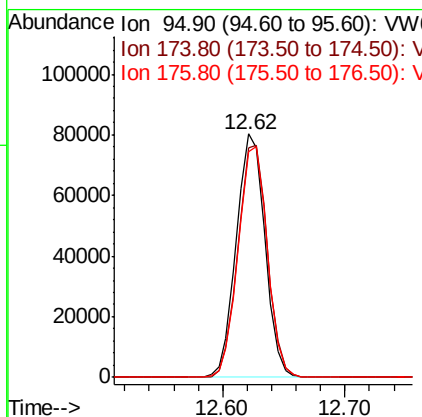
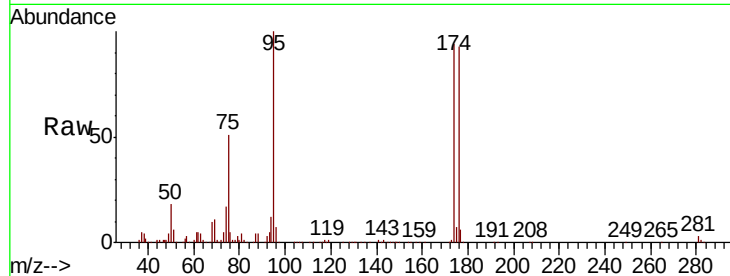




#62
4-Bromofluorobenzene
Concen: 34.201 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006506.D
Acq: 30 Oct 2018 17:09

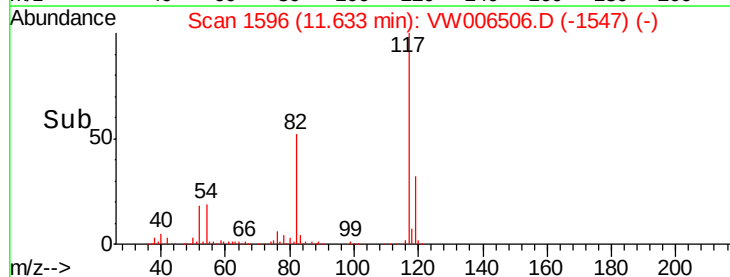
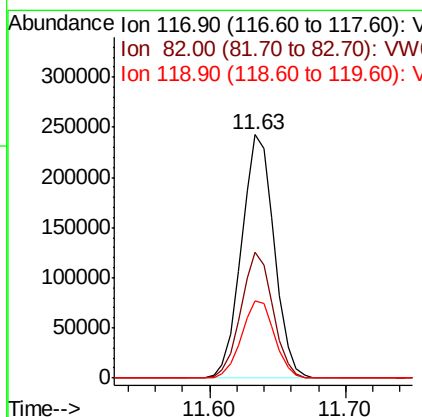
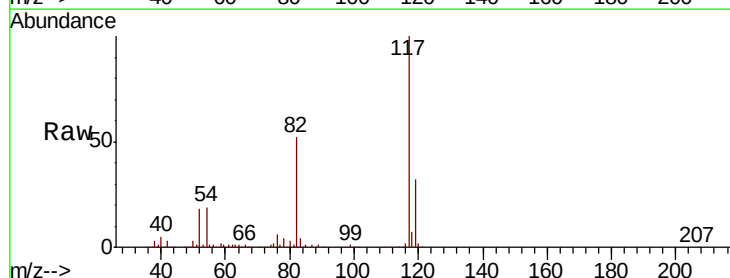
Instrument :
MSVOA_W
ClientSampled :
SW2-01

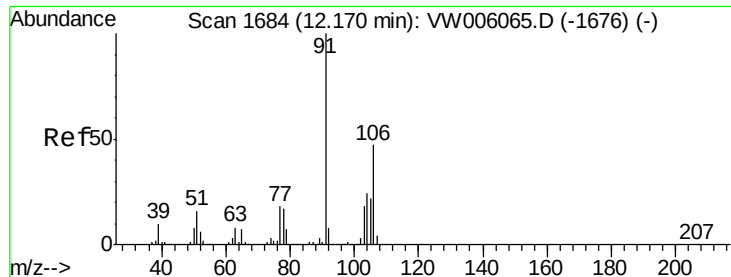
Tot Ion: 95 Resp: 130308
Ion Ratio Lower Upper
95 100
174 97.7 0.0 186.0
176 96.2 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006506.D
Acq: 30 Oct 2018 17:09

Tgt Ion: 117 Resp: 406581
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.0 25.8 38.6

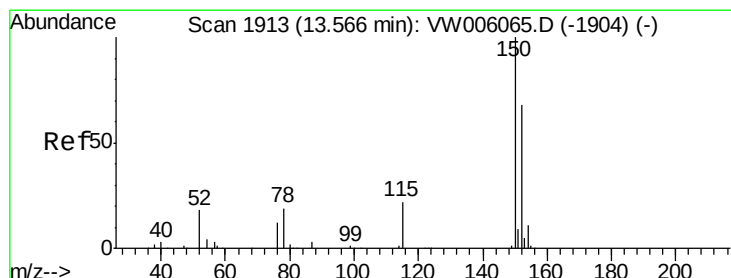
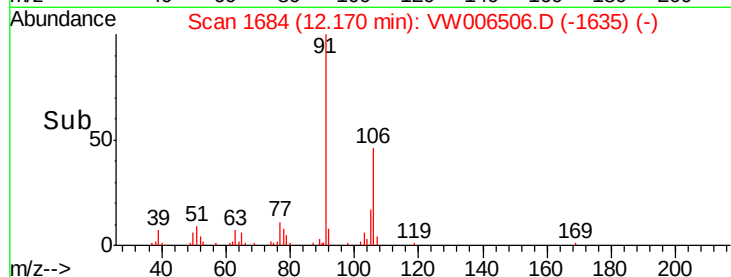
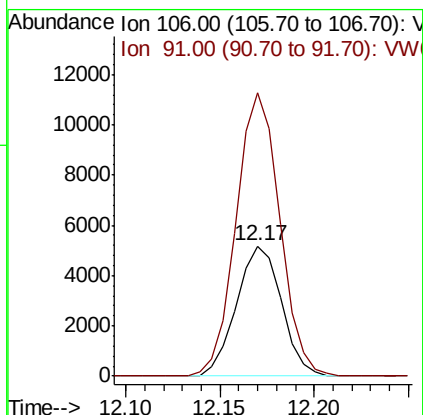
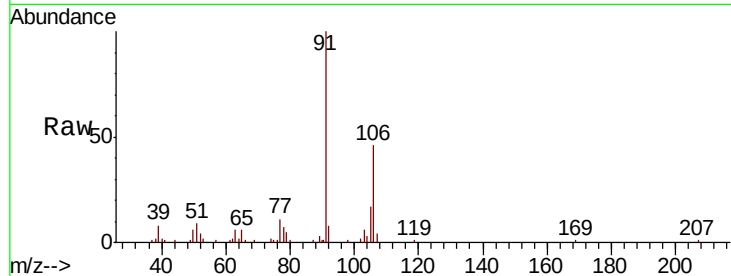




#69
o-Xylene
Concen: 1.510 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006506.D
Acq: 30 Oct 2018 17:09

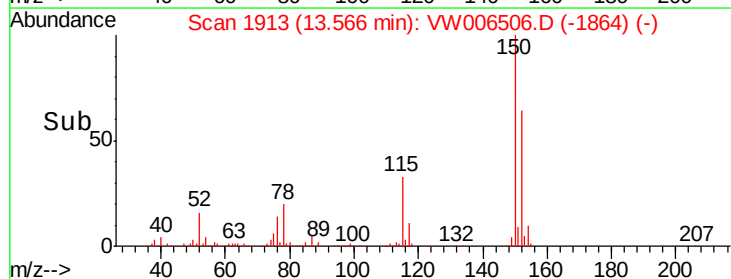
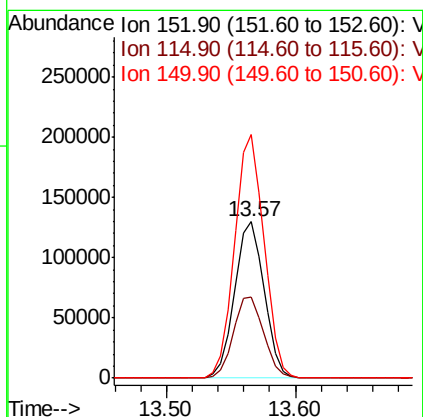
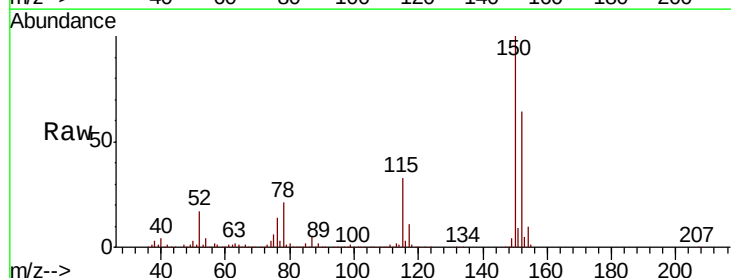
Instrument :
MSVOA_W
ClientSampled :
SW2-01

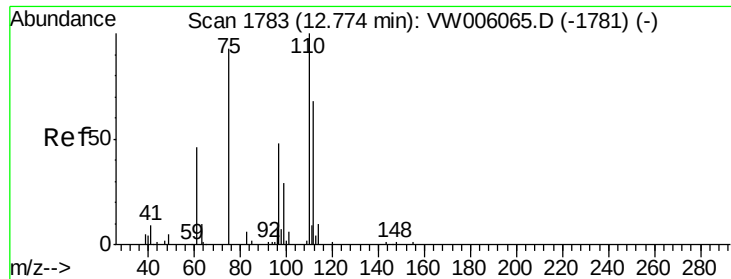
Tot Ion:106 Resp: 8580
Ion Ratio Lower Upper
106 100
91 210.8 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006506.D
Acq: 30 Oct 2018 17:09

Tgt Ion:152 Resp: 206458
Ion Ratio Lower Upper
152 100
115 53.8 27.8 83.3
150 155.4 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 41.254 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

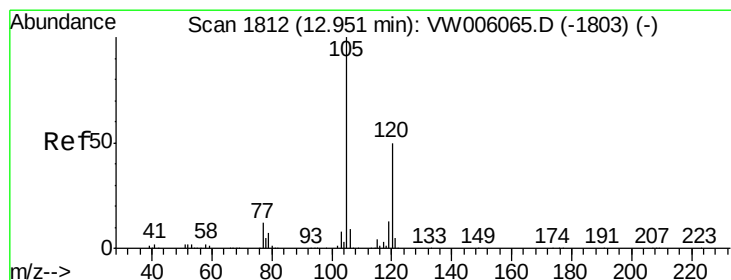
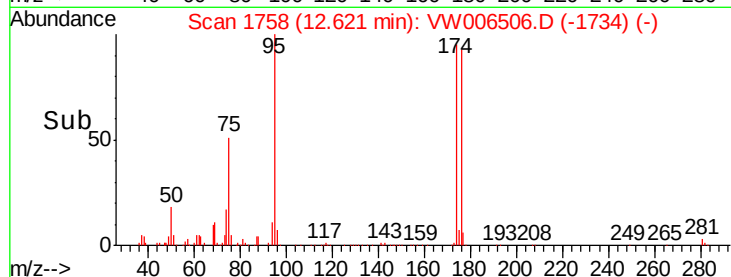
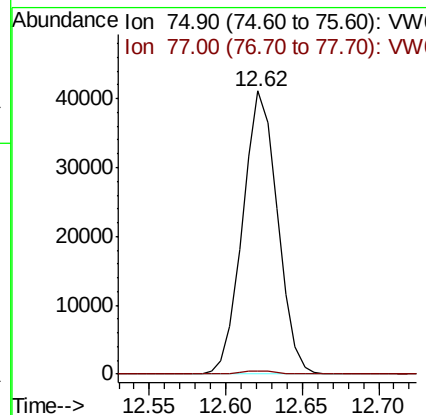
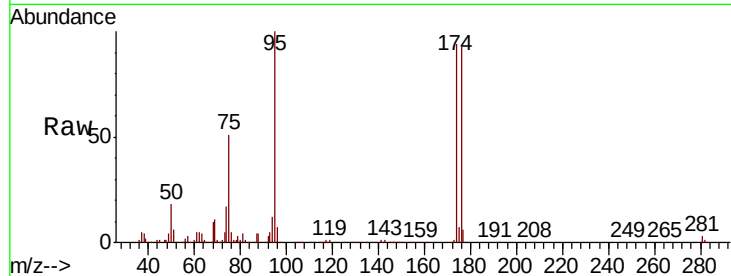
SW2-01

Tot Ion: 75 Resp: 65055

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 1.241 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006506.D

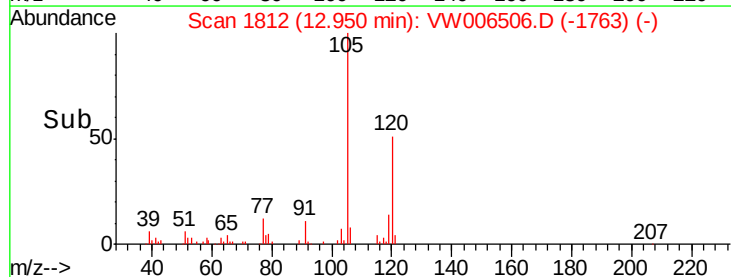
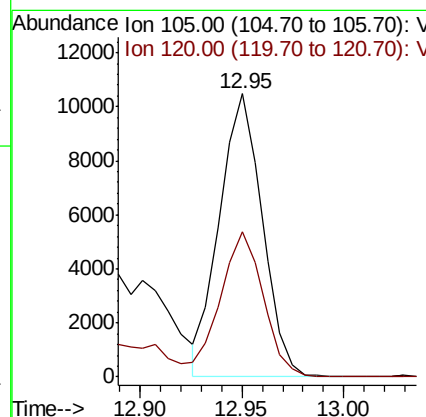
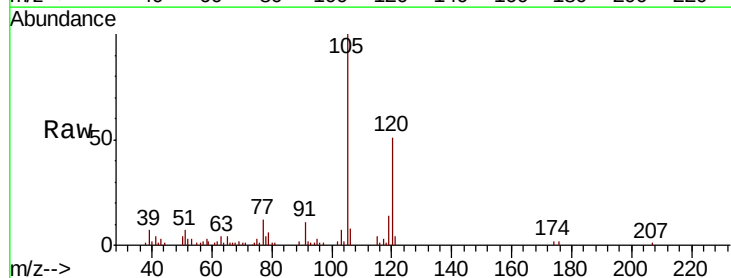
Acq: 30 Oct 2018 17:09

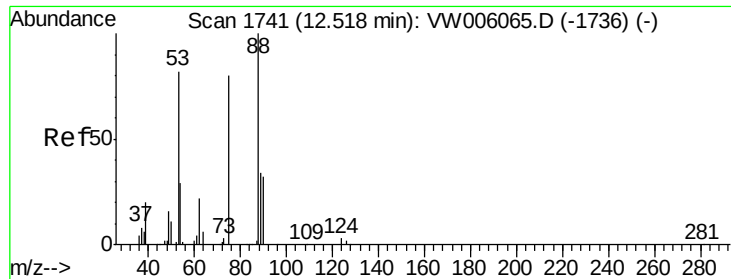
Tgt Ion: 105 Resp: 15255

Ion Ratio Lower Upper

105 100

120 51.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 98.614 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

SW2-01

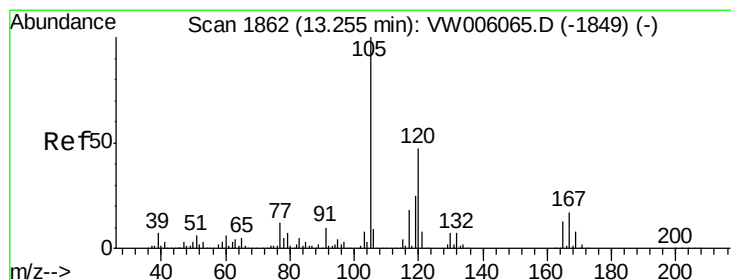
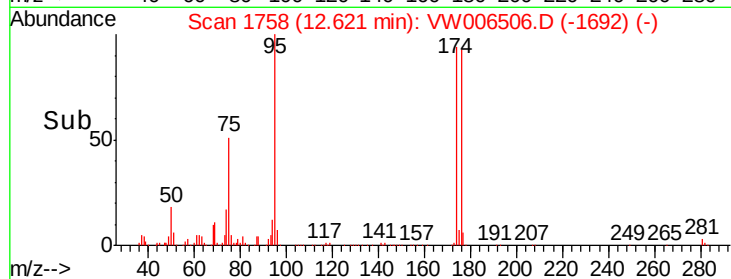
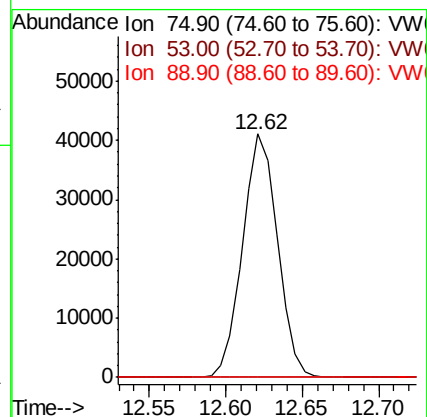
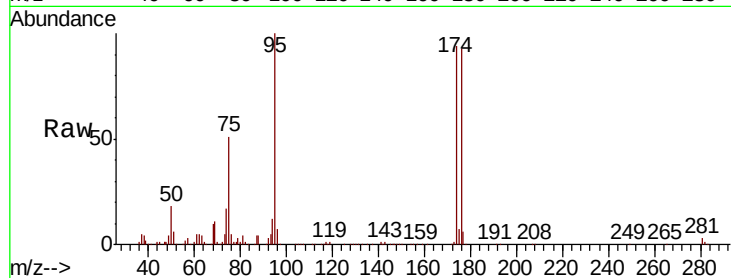
Tot Ion: 75 Resp: 65055

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



#84

1,2,4-Trimethylbenzene

Concen: 3.046 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW006506.D

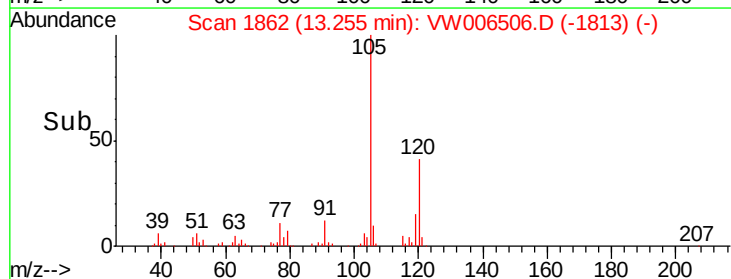
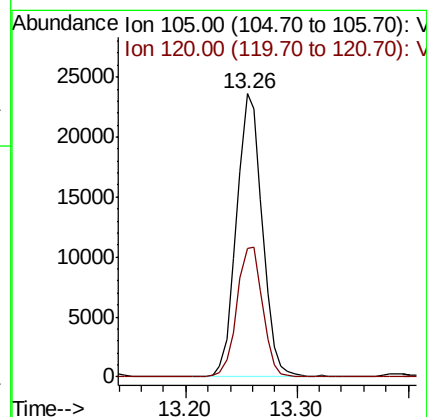
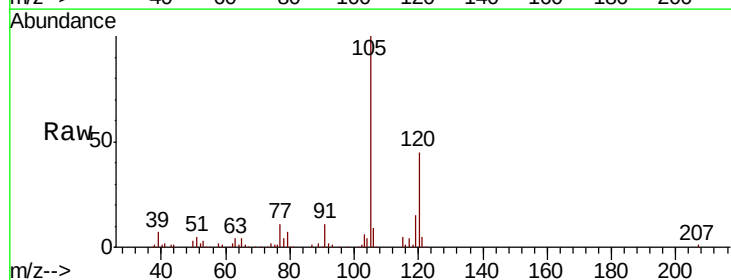
Acq: 30 Oct 2018 17:09

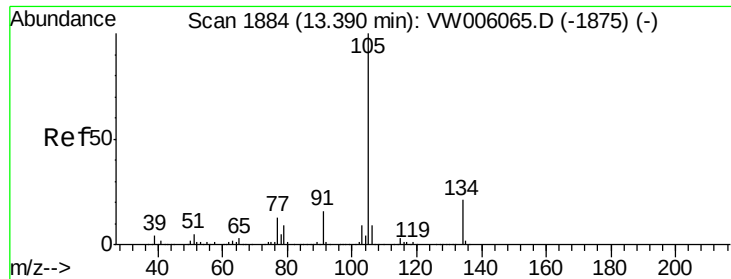
Tgt Ion: 105 Resp: 37898

Ion Ratio Lower Upper

105 100

120 45.4 23.1 69.3





#85

sec-Butylbenzene

Concen: 2.438 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.13 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

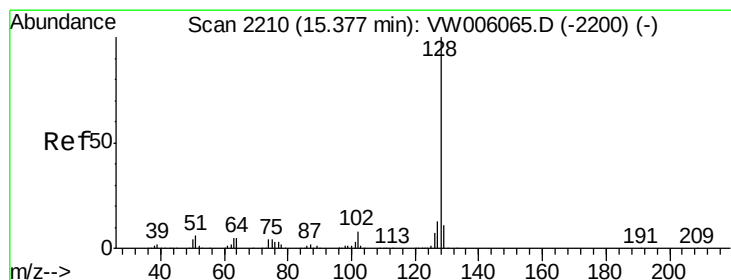
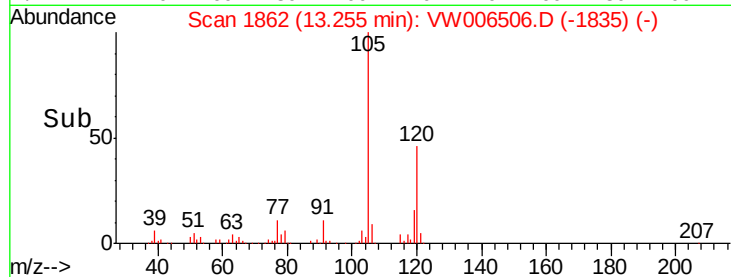
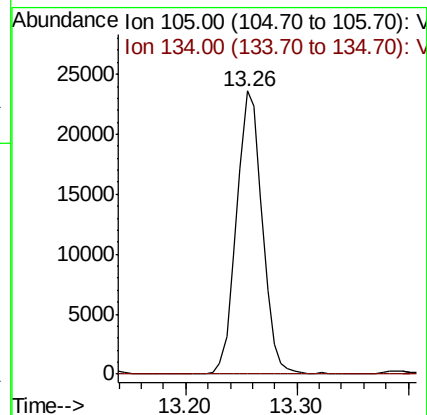
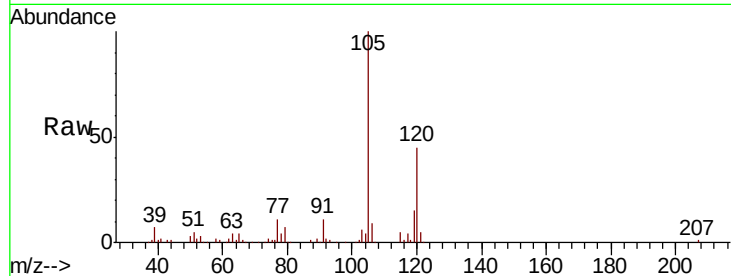
SW2-01

Tot Ion:105 Resp: 37898

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



#95

Naphthalene

Concen: 2.093 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006506.D

Acq: 30 Oct 2018 17:09

Tgt Ion:128 Resp: 16991

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.3 8.7 13.1

