

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006171.D
 Acq On : 18 Oct 2018 13:09
 Operator : VA/AP
 Sample : VW1018SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBL01

Quant Time: Oct 19 06:00:19 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	282851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	392869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188546	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	103053	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	
35) Dibromofluoromethane	7.88	113	105866	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.33	98	414047	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.62	95	150400	45.34	ug/l	0.00
Spiked Amount			Recovery	=	90.68%	

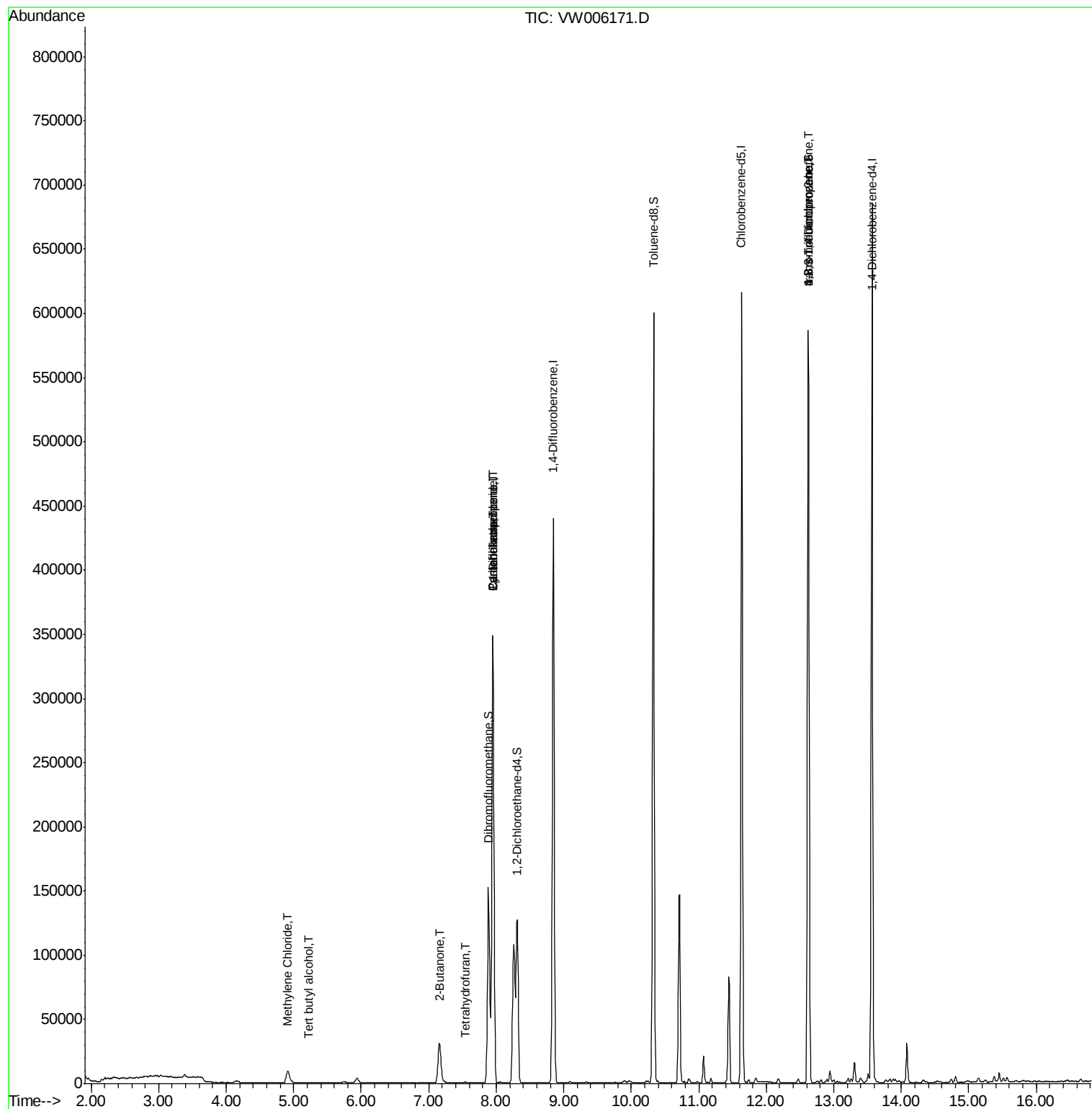
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	323	2.048	ug/l #	71
16) Acetone	4.14	43	1800	Below Cal		93
20) Methylene Chloride	4.91	84	7514	1.448	ug/l	96
25) 2-Butanone	7.17	43	2355	3.717	ug/l #	46
29) Tetrahydrofuran	7.55	42	530	1.361	ug/l #	74
31) Cyclohexane	7.95	56	5257	1.225	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	18887	5.216	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25640	6.459	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	77925	54.110	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77925	129.344	ug/l #	10

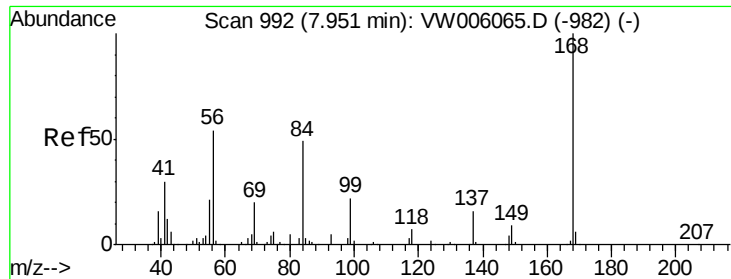
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101818\
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
VW1018SBL01

Quant Time: Oct 19 06:00:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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: VW006171.D

Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

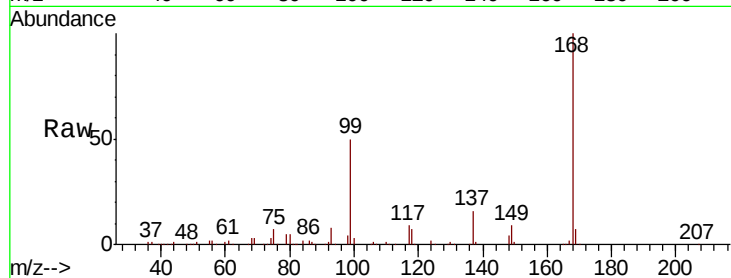
VW1018SBL01

Tot Ion:168 Resp: 282851

Ion Ratio Lower Upper

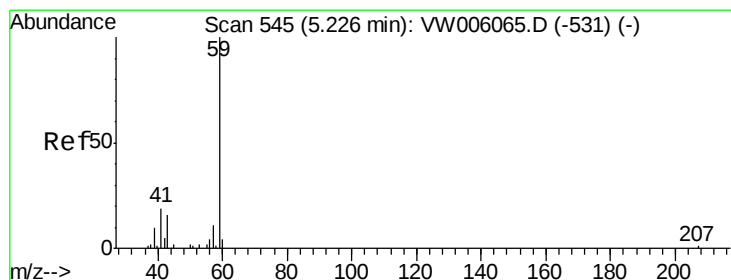
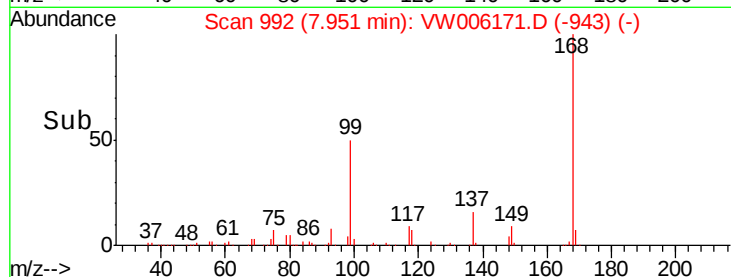
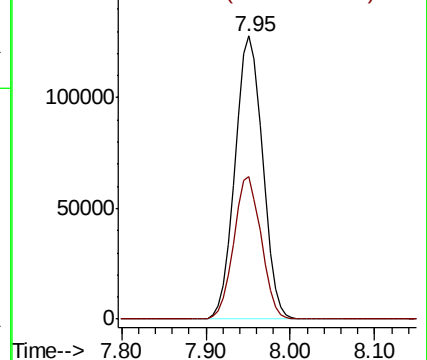
168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.048 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006171.D

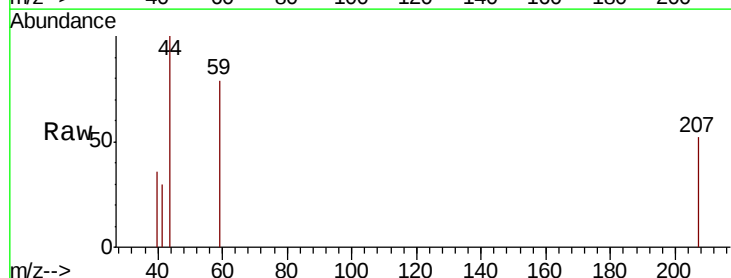
Acq: 18 Oct 2018 13:09

Tgt Ion: 59 Resp: 323

Ion Ratio Lower Upper

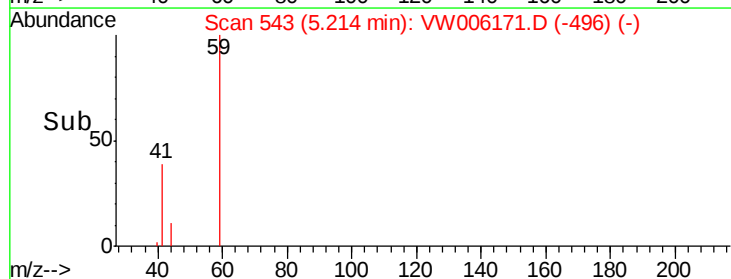
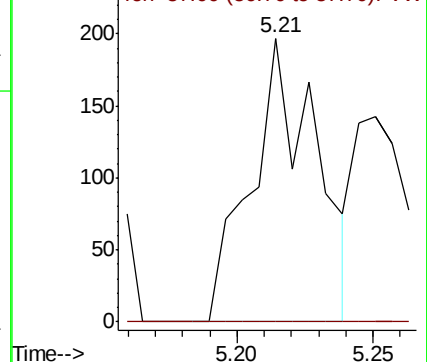
59 100

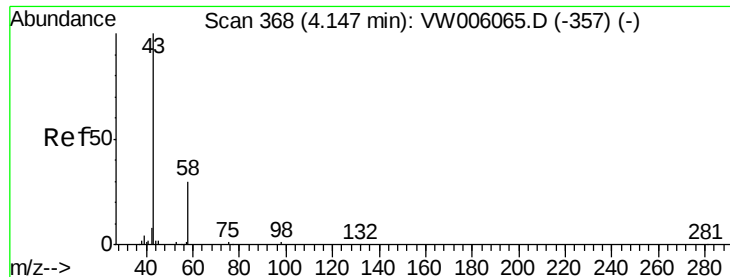
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

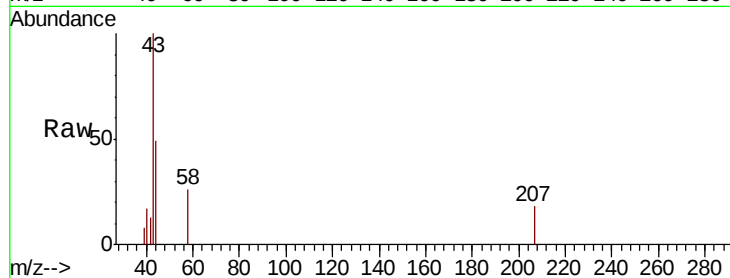
VW1018SBL01

Tot Ion: 43 Resp: 1800

Ion Ratio Lower Upper

43 100

58 26.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

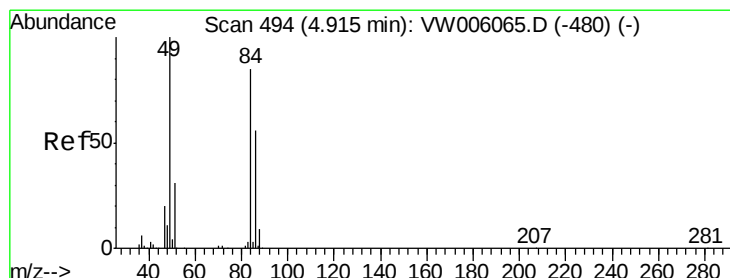
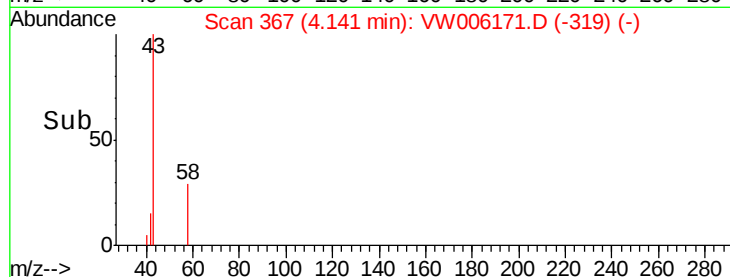
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 1.448 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Tgt Ion: 84 Resp: 7514

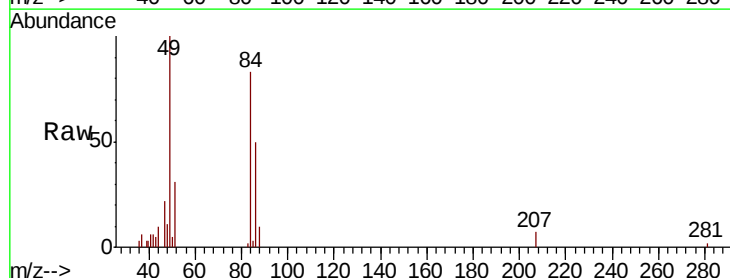
Ion Ratio Lower Upper

84 100

49 120.0 93.6 140.4

51 36.6 29.0 43.4

86 59.7 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

4.91

4000

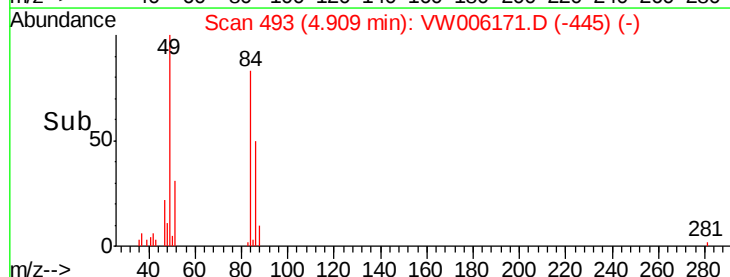
3000

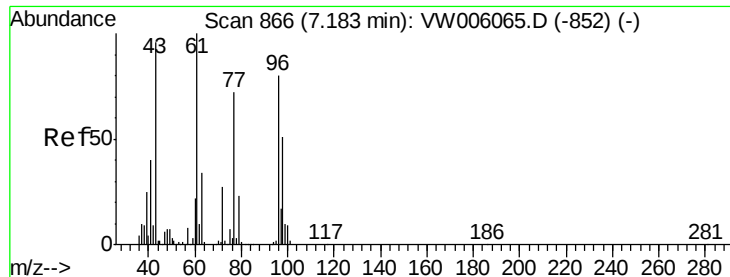
2000

1000

0

Time-->





#25

2-Butanone

Concen: 3.717 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

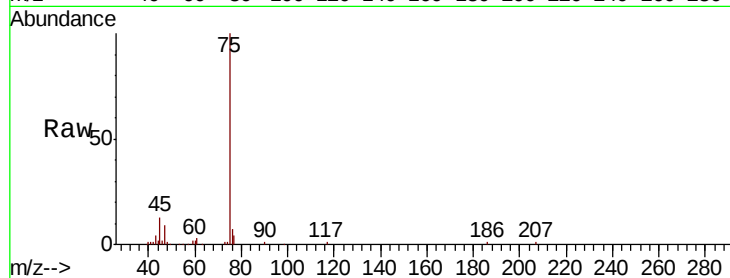
VW1018SBL01

Tot Ion: 43 Resp: 2355

Ion Ratio Lower Upper

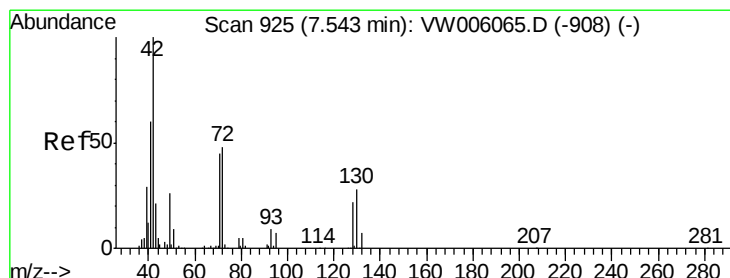
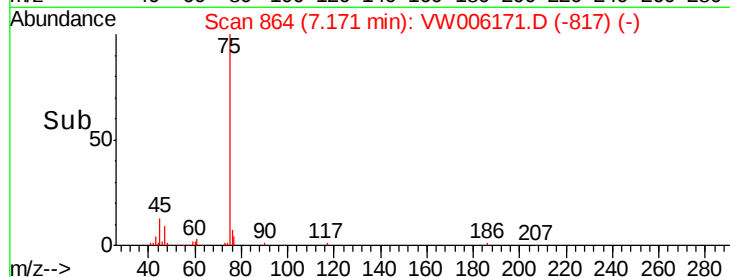
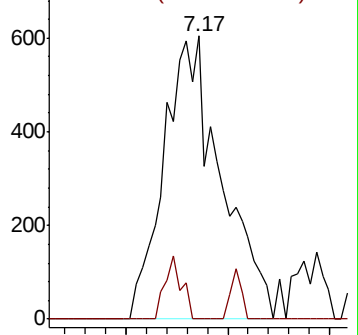
43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.361 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

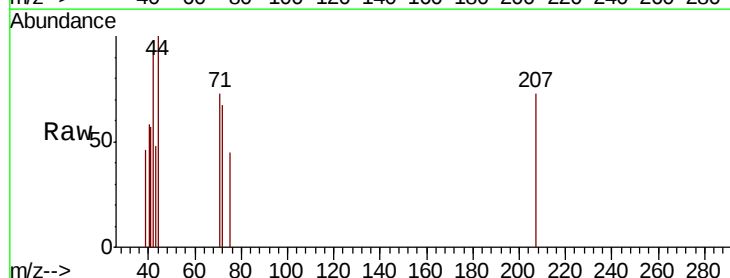
Tgt Ion: 42 Resp: 530

Ion Ratio Lower Upper

42 100

72 24.7 38.0 57.0#

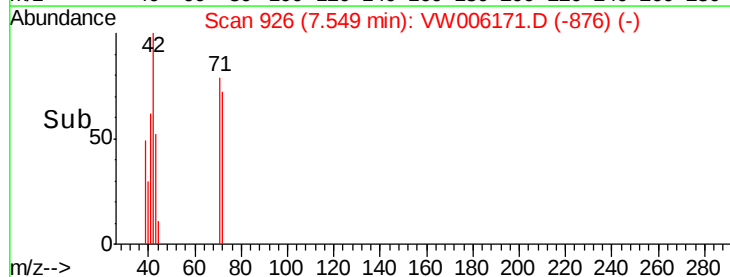
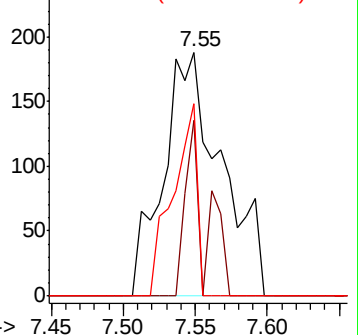
71 32.6 35.3 52.9#

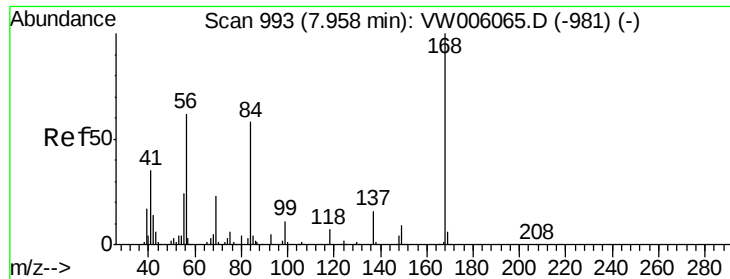


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

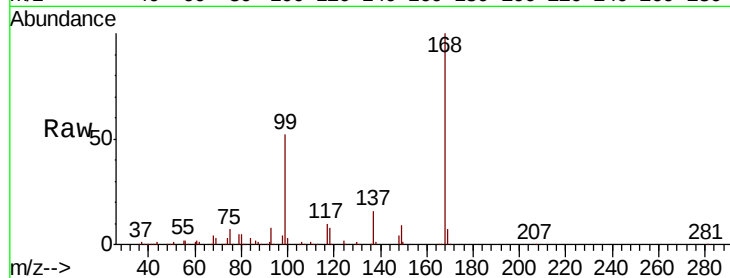




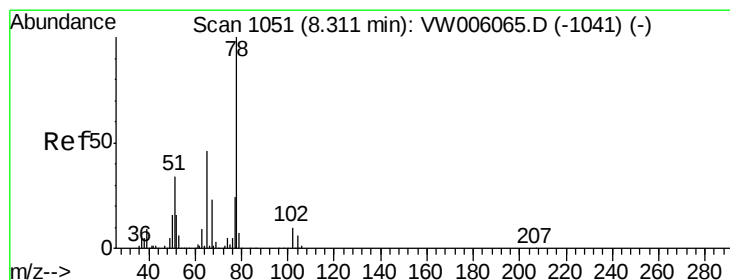
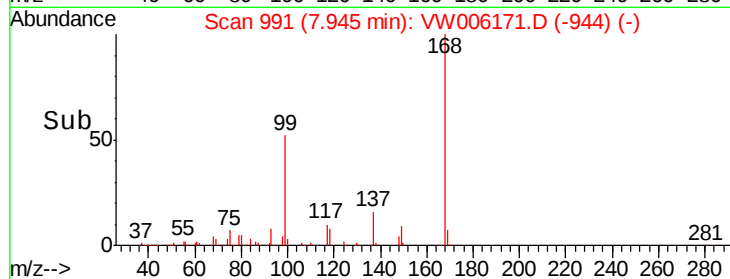
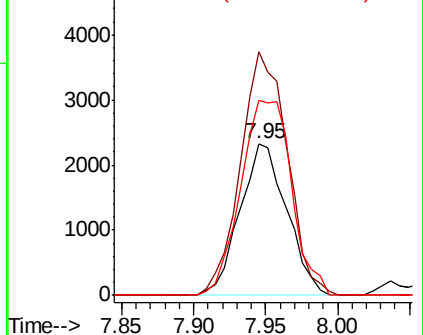
#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006171.D
Acq: 18 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBL01

Tot Ion: 56 Resp: 5257
Ion Ratio Lower Upper
56 100
69 160.2 29.4 44.0#
84 128.5 74.0 111.0#

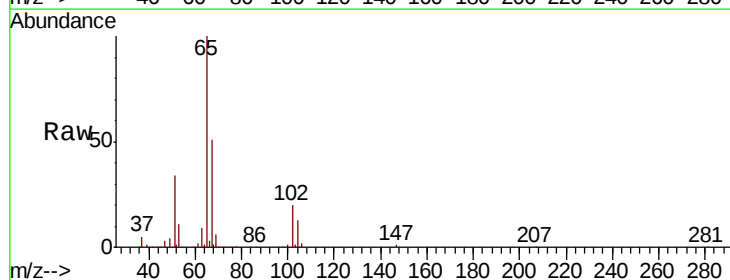


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

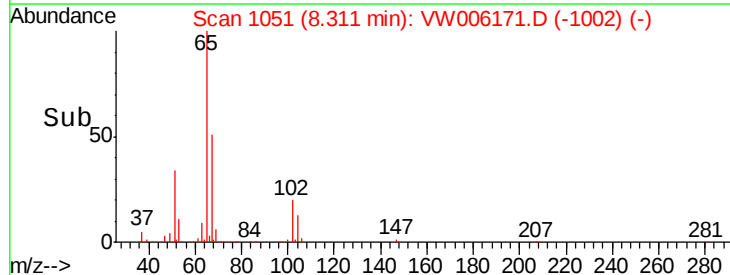
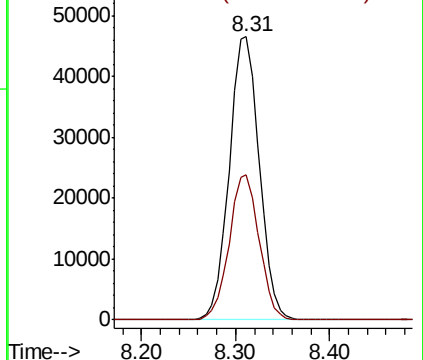


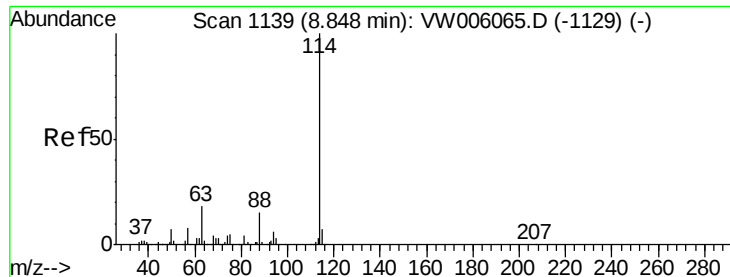
#33
1,2-Dichloroethane-d4
Concen: 43.946 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006171.D
Acq: 18 Oct 2018 13:09

Tgt Ion: 65 Resp: 103053
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.0



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

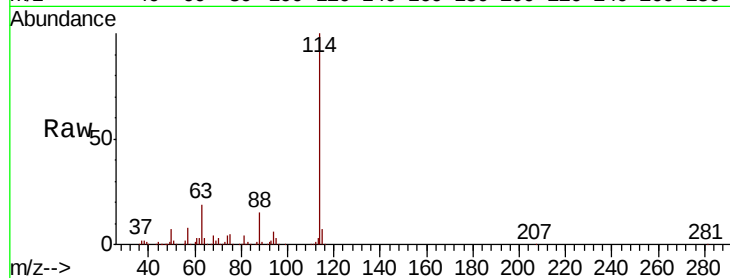




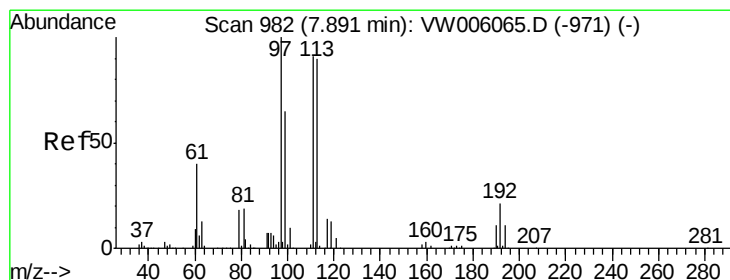
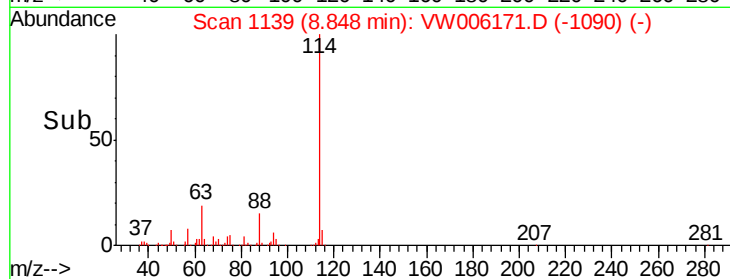
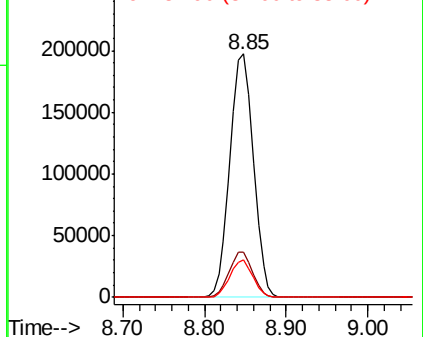
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006171.D
 Acq: 18 Oct 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBL01

Tot Ion:114	Resp:	392869
Ion Ratio	Lower	Upper
114	100	
63	18.7	0.0 36.8
88	15.2	0.0 29.0

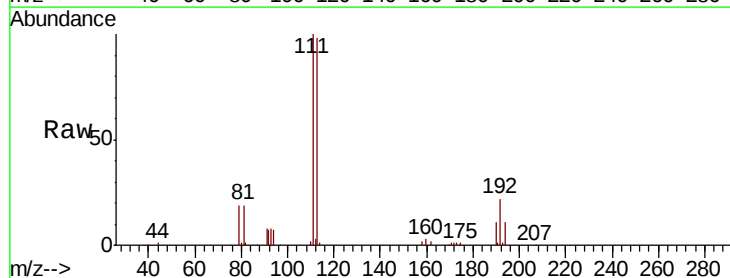


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

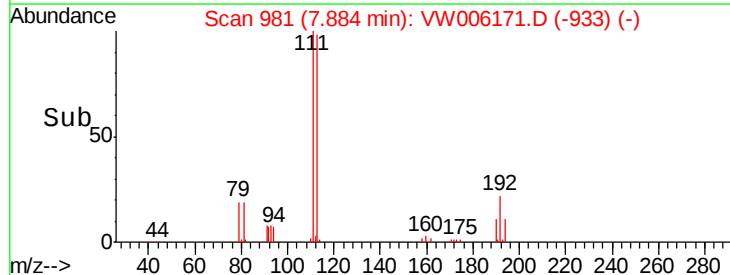
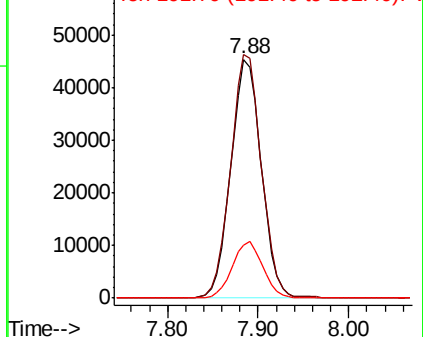


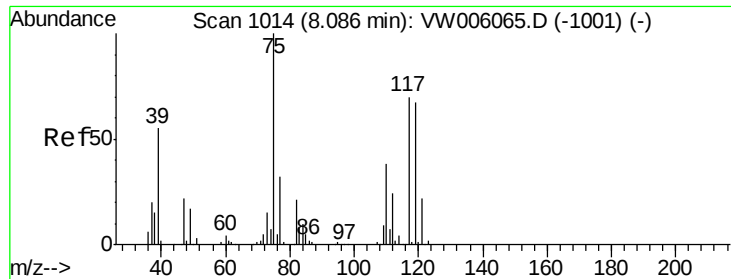
#35
 Dibromofluoromethane
 Concen: 45.604 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006171.D
 Acq: 18 Oct 2018 13:09

Tgt Ion:113	Resp:	105866
Ion Ratio	Lower	Upper
113	100	
111	102.9	81.4 122.0
192	23.7	18.7 28.1



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

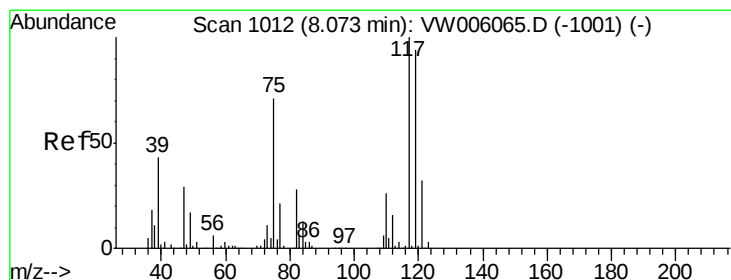
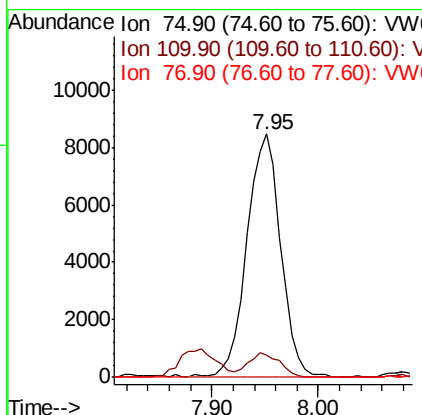
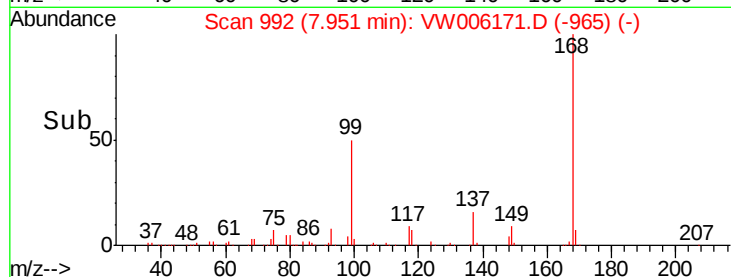
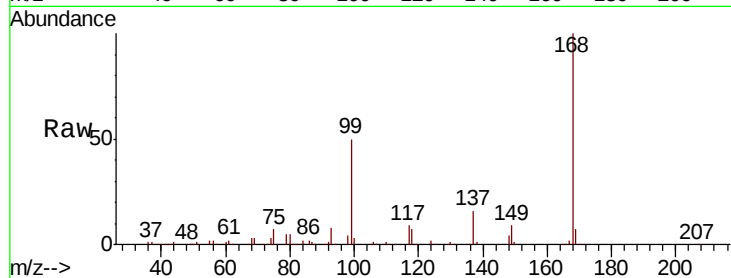




#36
 1,1-Dichloropropene
 Concen: 5.216 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006171.D
 Acq: 18 Oct 2018 13:09

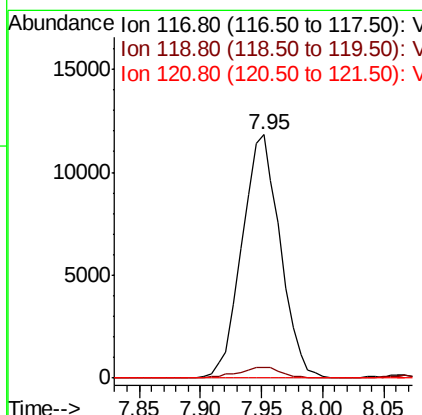
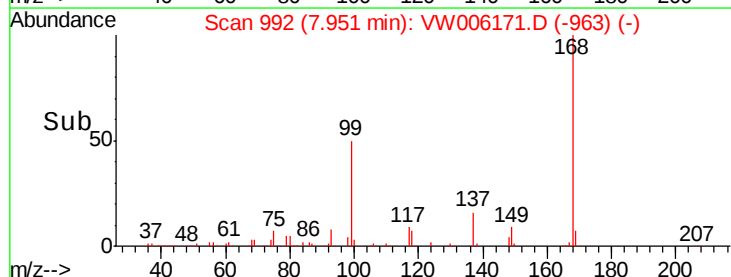
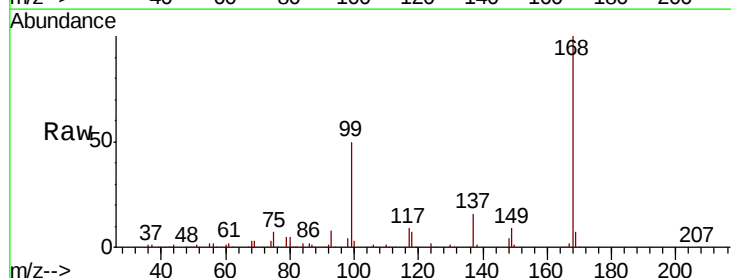
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBL01

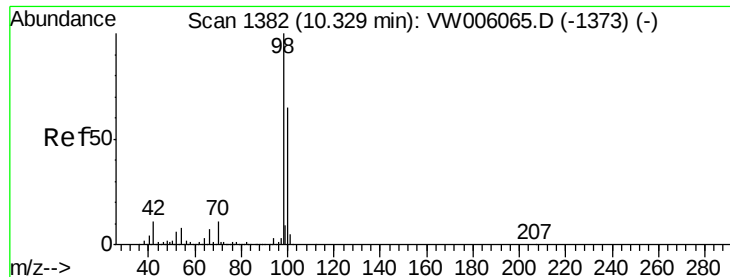
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.459 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006171.D
 Acq: 18 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 46.881 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

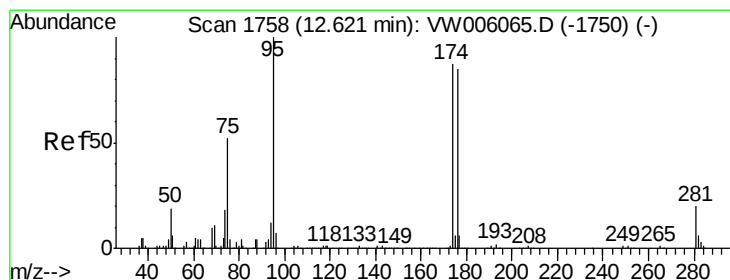
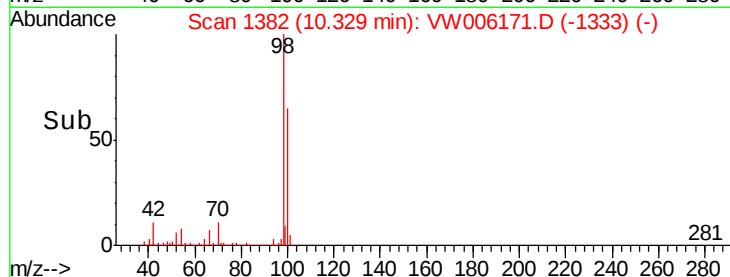
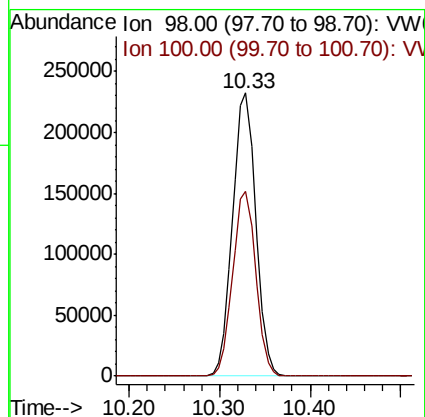
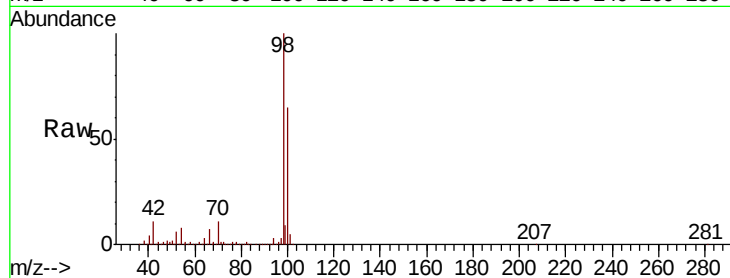
VW1018SBL01

Tot Ion: 98 Resp: 414047

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.340 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

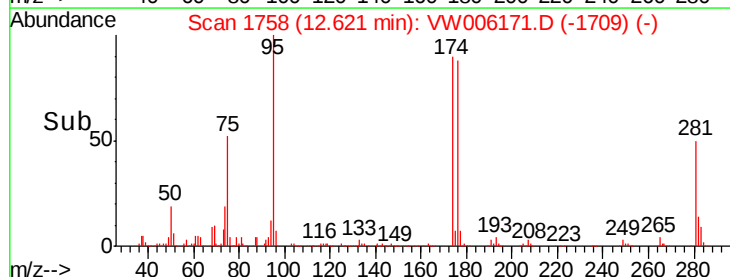
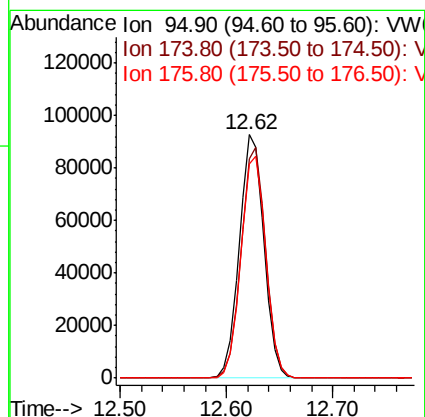
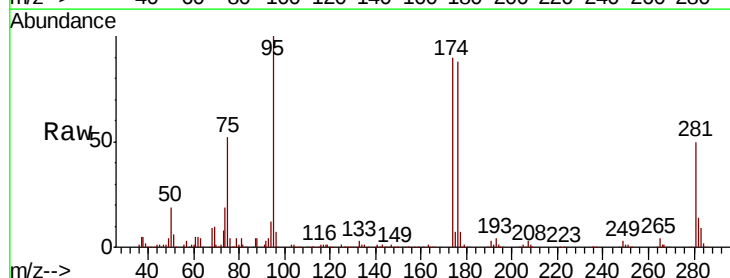
Tgt Ion: 95 Resp: 150400

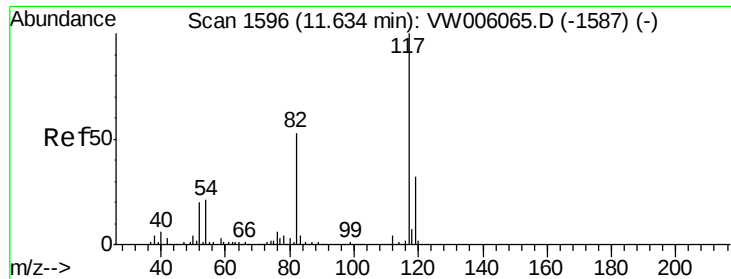
Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

176 92.4 0.0 181.6

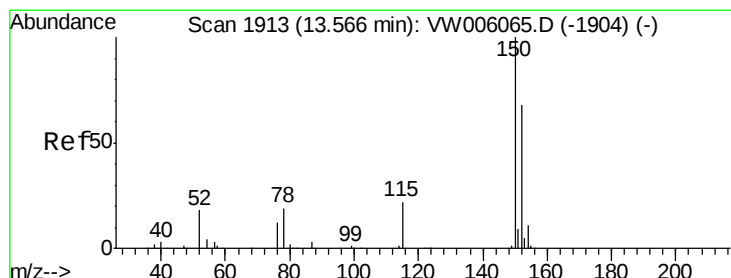
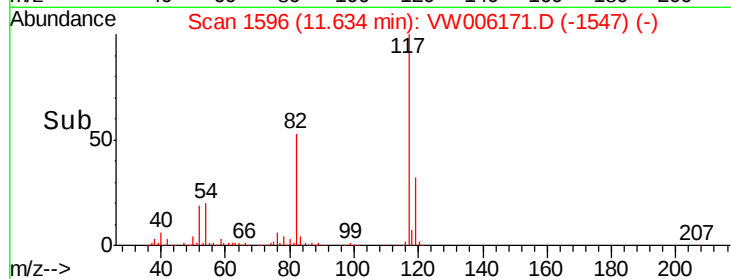
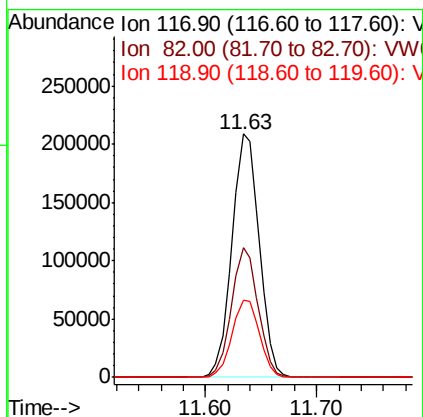
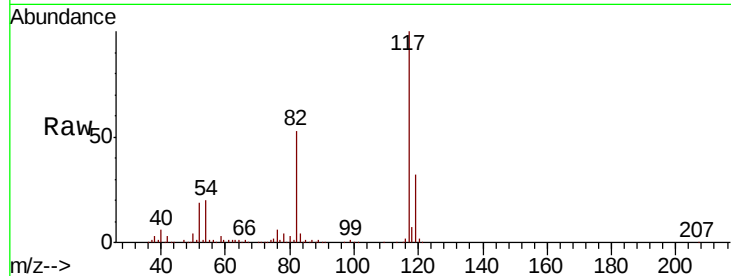




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006171.D
Acq: 18 Oct 2018 13:09

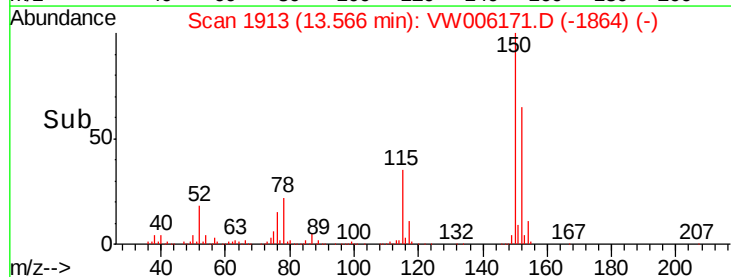
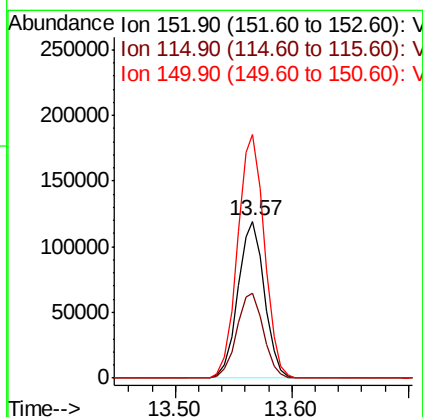
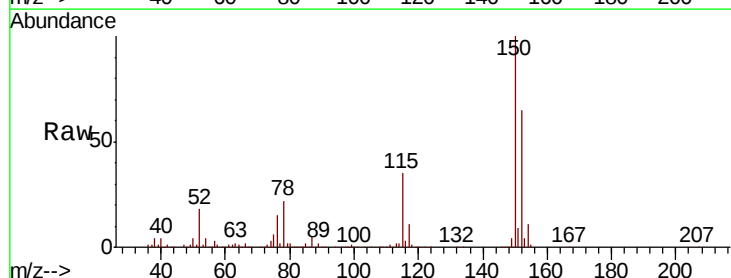
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBL01

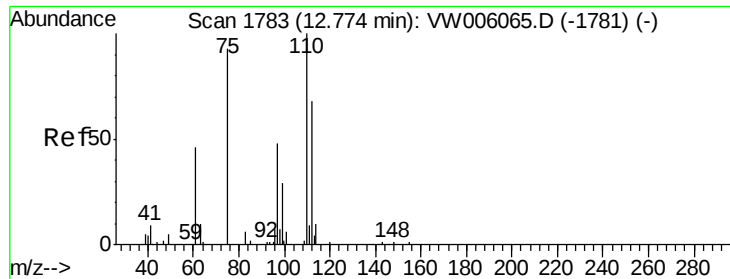
Tot Ion:117 Resp: 353389
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006171.D
Acq: 18 Oct 2018 13:09

Tgt Ion:152 Resp: 188546
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 157.6 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 54.110 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

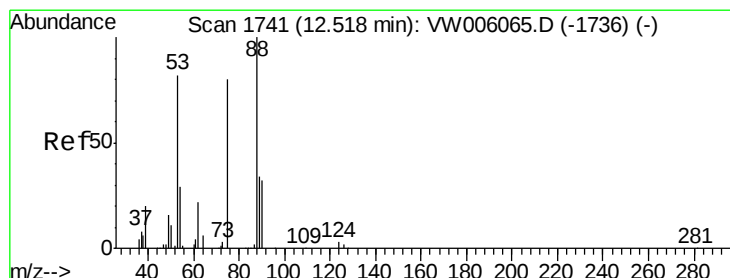
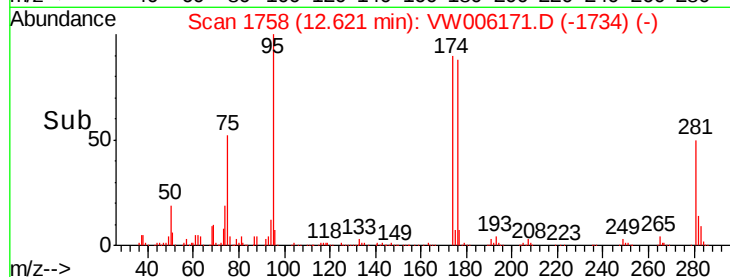
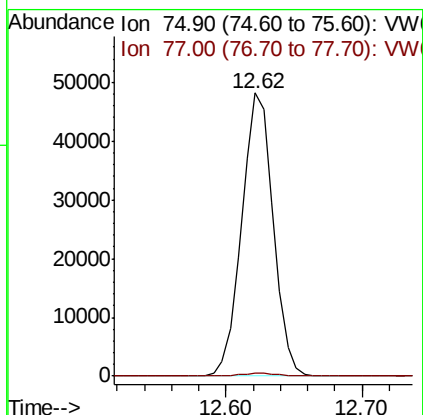
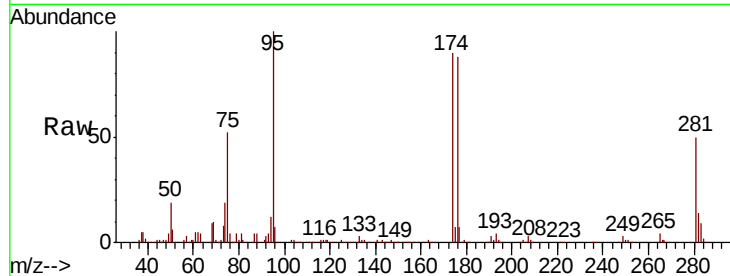
VW1018SBL01

Tot Ion: 75 Resp: 77925

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.344 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Tgt Ion: 75 Resp: 77925

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.2 37.5 56.3#

