

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006441.D
 Acq On : 27 Oct 2018 09:09
 Operator : SY/AP
 Sample : J5621-07RE
 Misc : 4.61G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01C

Quant Time: Oct 29 04:05:32 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

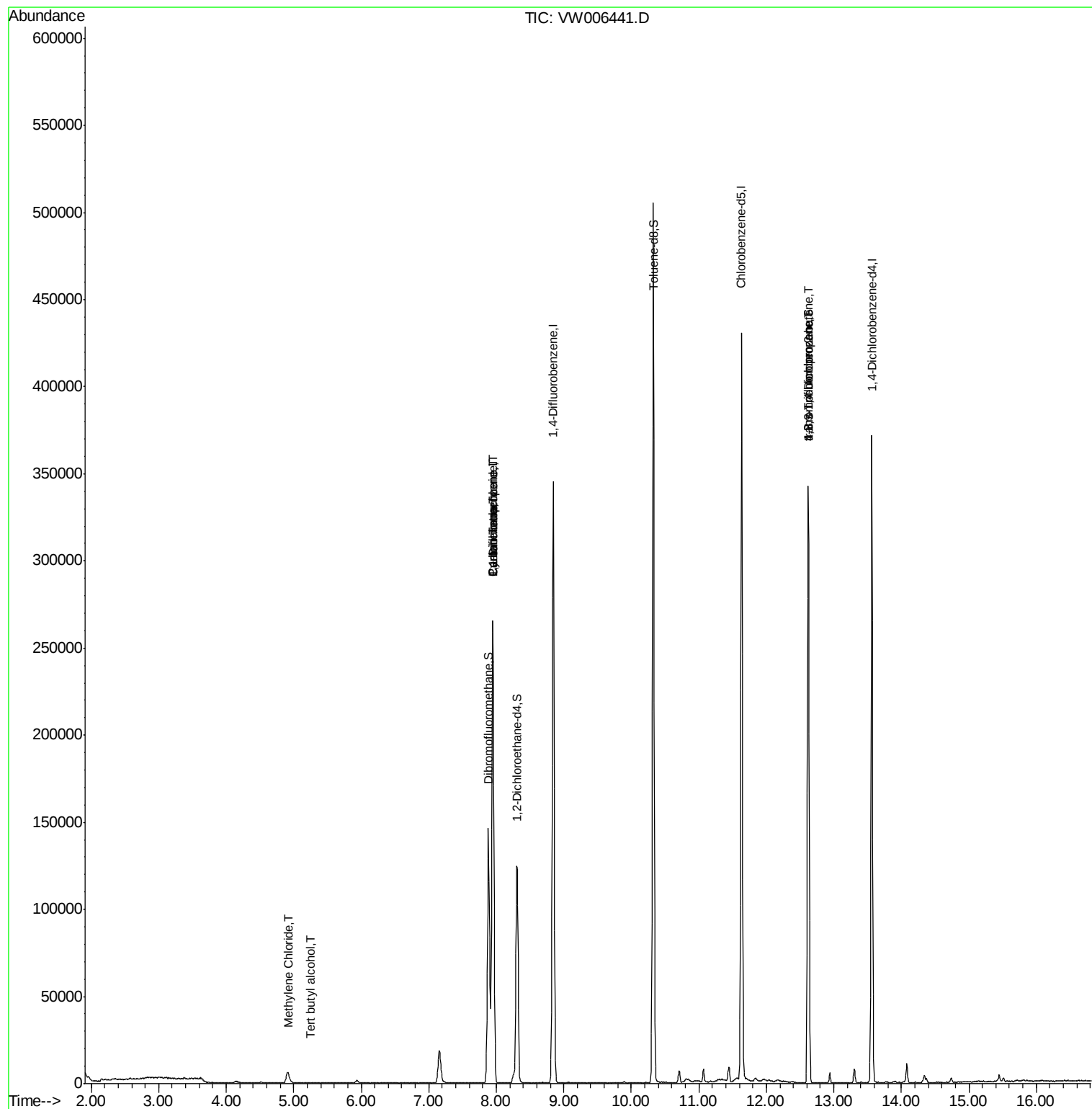
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	106088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101909	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
35) Dibromofluoromethane	7.88	113	100736	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
50) Toluene-d8	10.33	98	350249	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	98900	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	246	1.982	ug/l #	71
16) Acetone	4.14	43	1690	Below Cal	#	79
20) Methylene Chloride	4.91	84	5439	1.197	ug/l	90
31) Cyclohexane	7.95	56	3886	1.151	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13997	4.885	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19422	6.183	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	49559	61.161	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49559	146.199	ug/l #	10

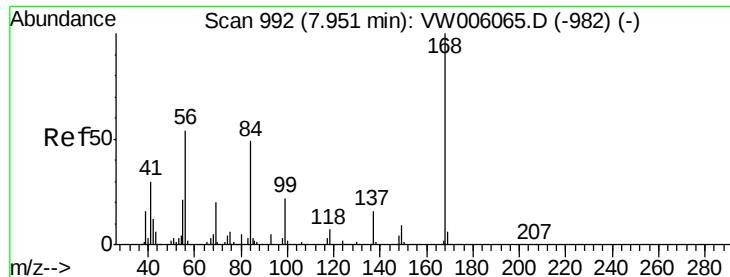
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SA-SB-01C

Quant Time: Oct 29 04:05:32 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: VW006441.D

Acq: 27 Oct 2018 09:09

Instrument :

MSVOA_W

ClientSampled :

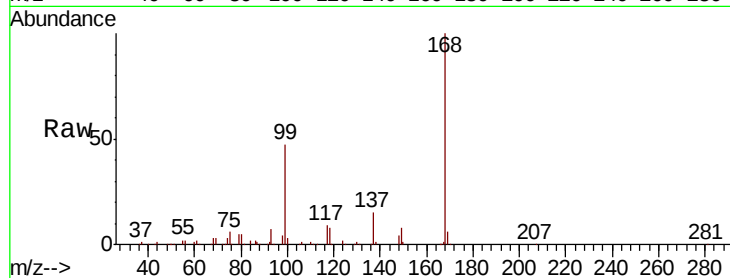
SA-SB-01C

Tot Ion:168 Resp: 222579

Ion Ratio Lower Upper

168 100

99 47.0 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

80000

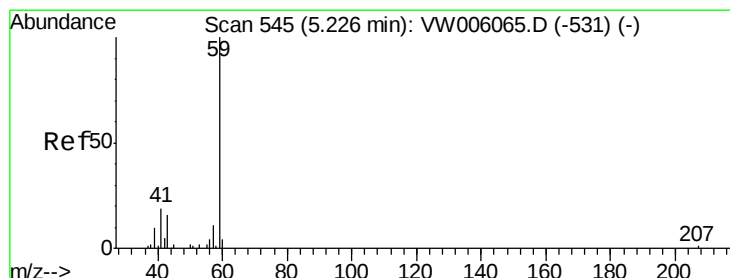
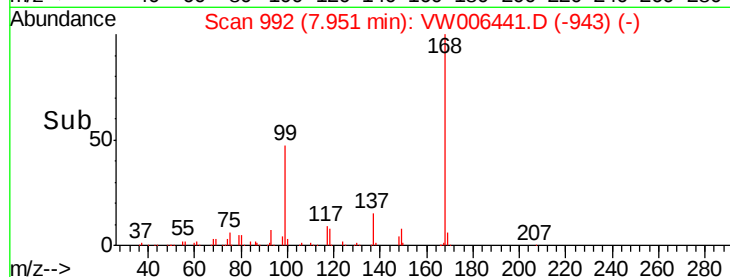
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.982 ug/l

RT: 5.24 min Scan# 548

Delta R.T. 0.02 min

Lab File: VW006441.D

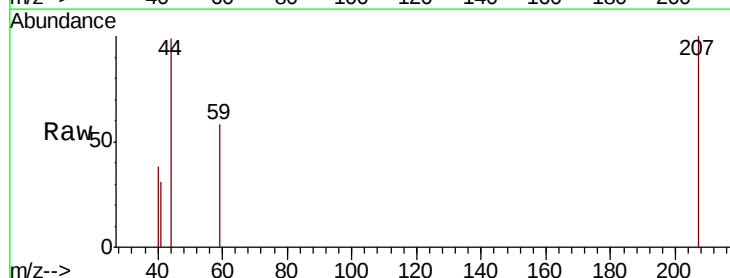
Acq: 27 Oct 2018 09:09

Tgt Ion: 59 Resp: 246

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

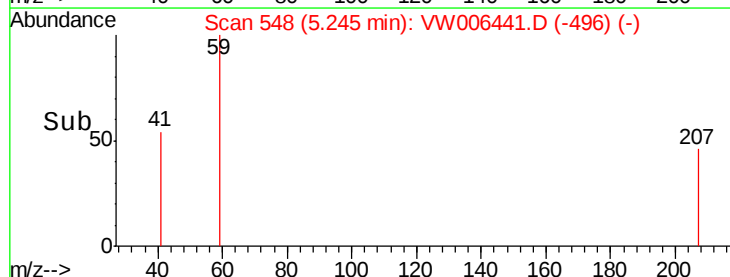
5.24

100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006441.D

Acq: 27 Oct 2018 09:09

Instrument :

MSVOA_W

ClientSampleId :

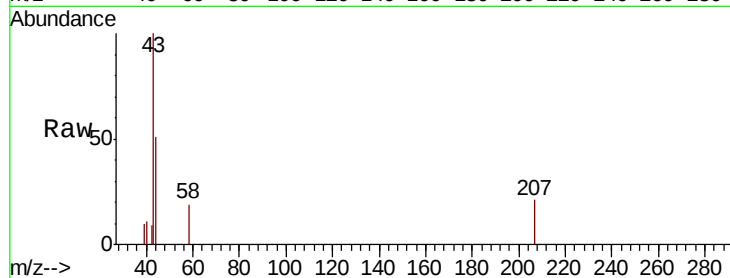
SA-SB-01C

Tot Ion: 43 Resp: 1690

Ion Ratio Lower Upper

43 100

58 18.7 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

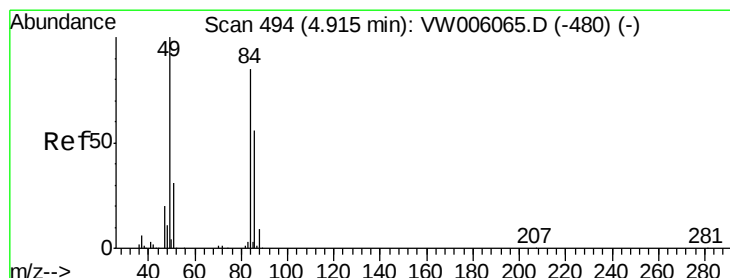
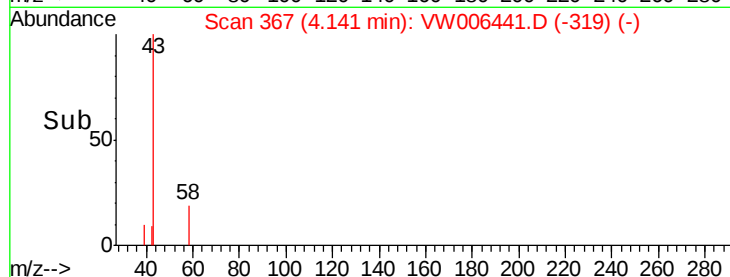
600

400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25



#20

Methylene Chloride

Concen: 1.197 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006441.D

Acq: 27 Oct 2018 09:09

Tgt Ion: 84 Resp: 5439

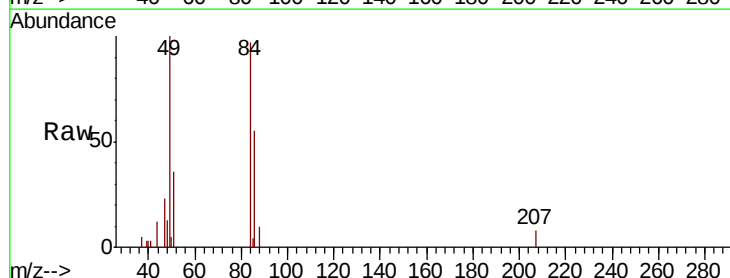
Ion Ratio Lower Upper

84 100

49 103.5 93.6 140.4

51 37.0 29.0 43.4

86 56.5 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

2500

2000

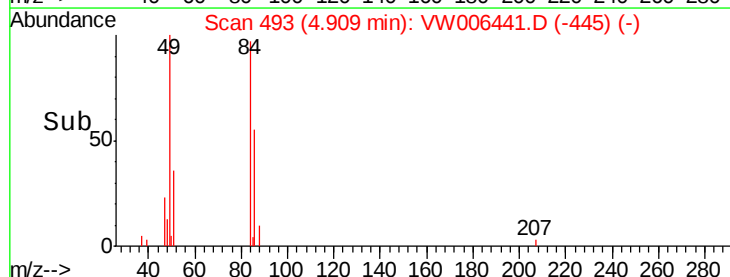
1500

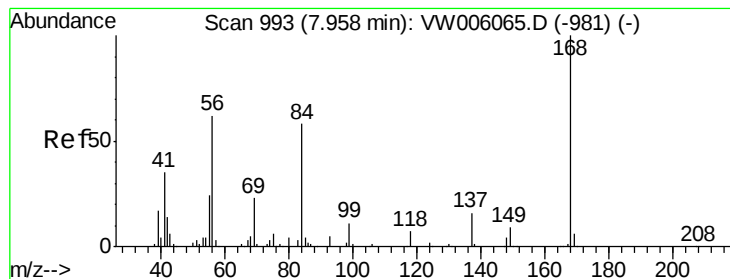
1000

500

0

Time--> 4.80 4.90 5.00





#31

Cyclohexane

Concen: 1.151 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006441.D

Acq: 27 Oct 2018 09:09

Instrument :

MSVOA_W

ClientSampleId :

SA-SB-01C

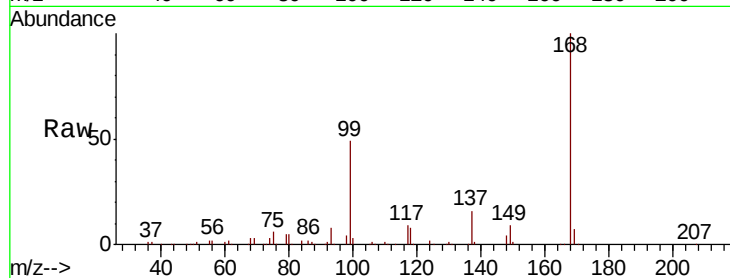
Tot Ion: 56 Resp: 3886

Ion Ratio Lower Upper

56 100

69 188.9 29.4 44.0#

84 144.1 74.0 111.0#

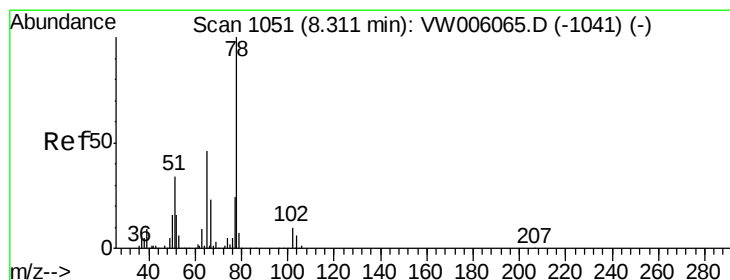
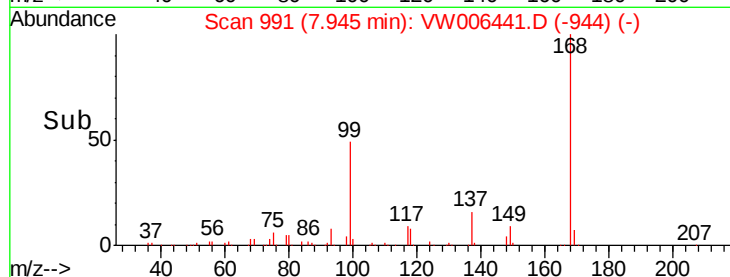
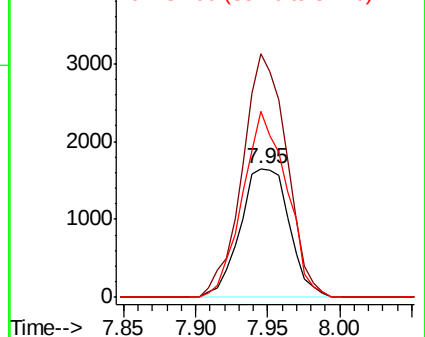


Abundance

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: 55.226 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006441.D

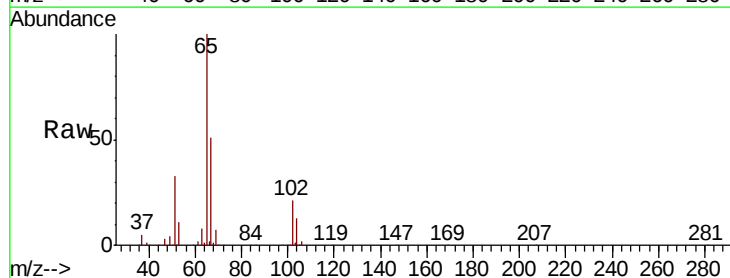
Acq: 27 Oct 2018 09:09

Tgt Ion: 65 Resp: 101909

Ion Ratio Lower Upper

65 100

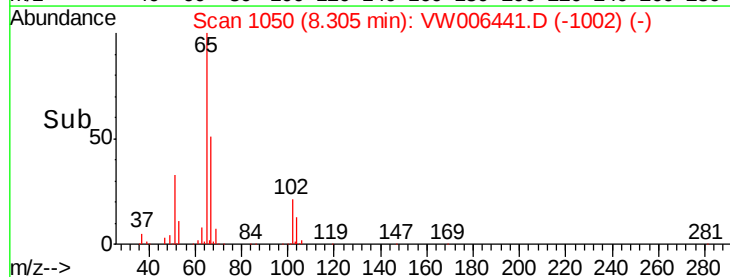
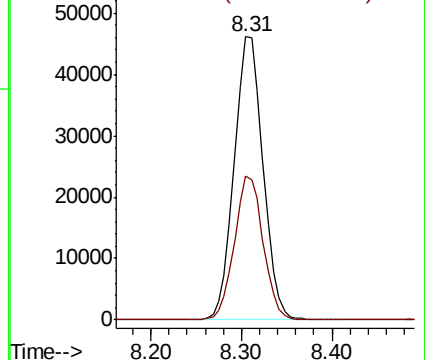
67 50.7 0.0 101.0

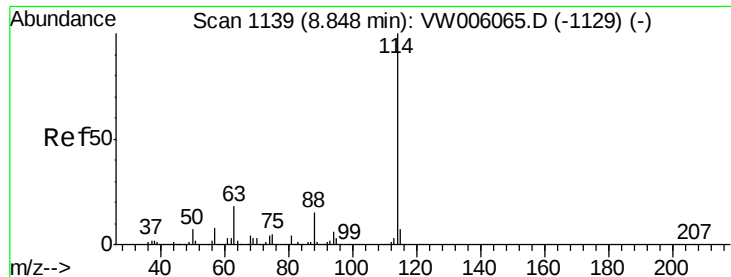


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

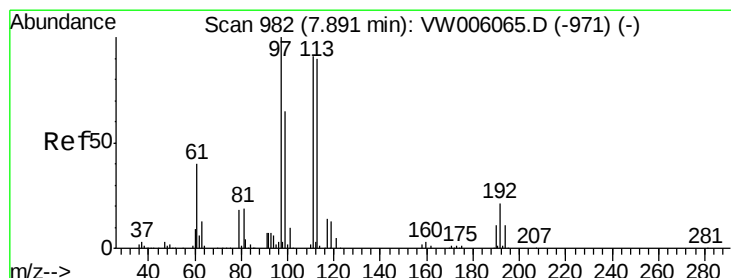
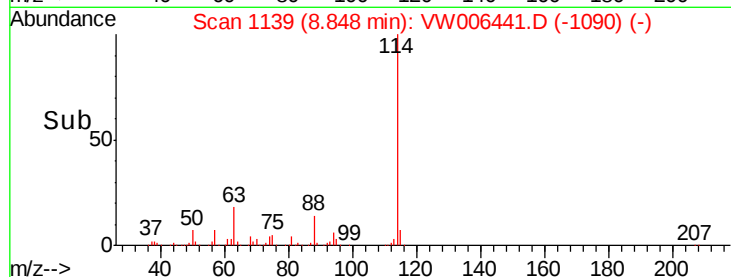
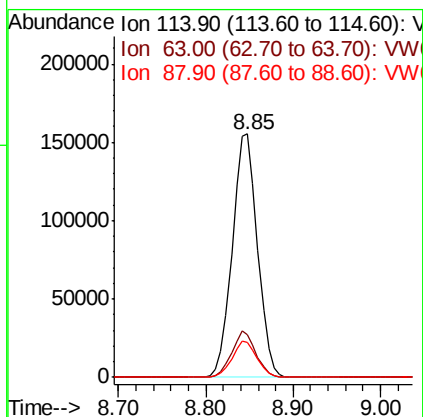
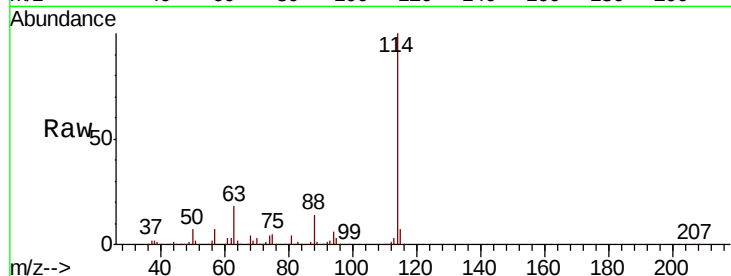




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006441.D
 Acq: 27 Oct 2018 09:09

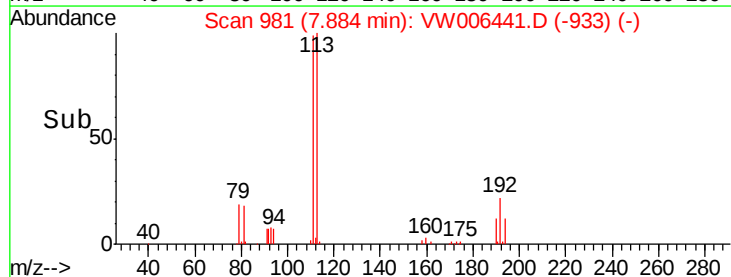
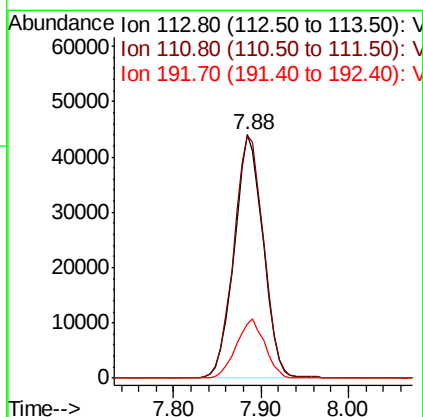
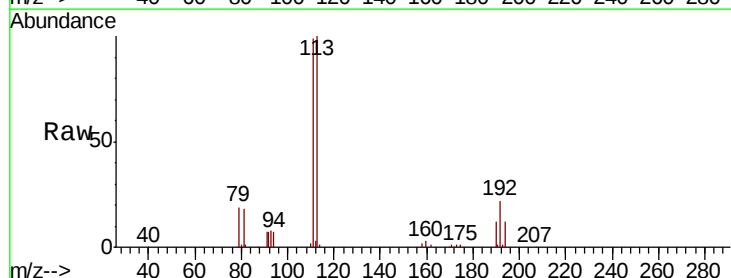
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01C

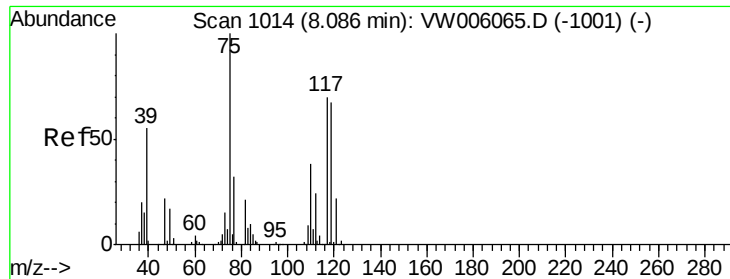
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.8
88	14.5	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 54.839 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006441.D
 Acq: 27 Oct 2018 09:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.9	18.7	28.1

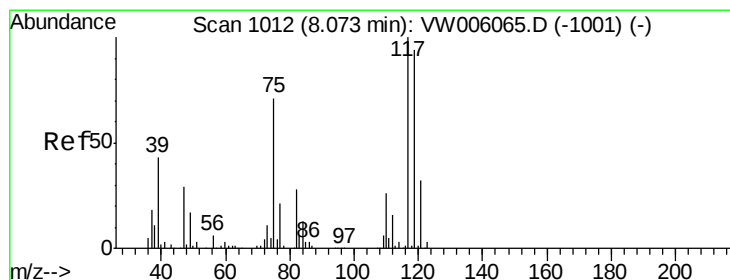
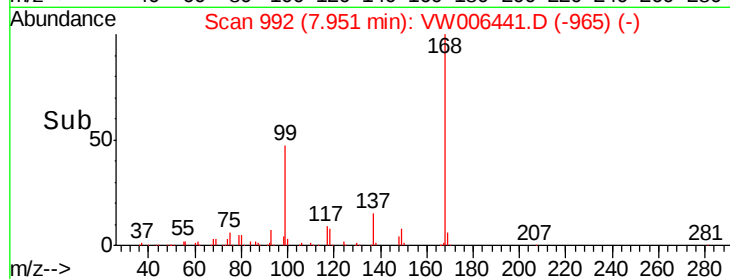
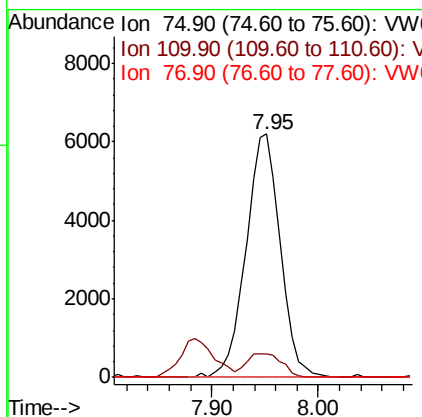
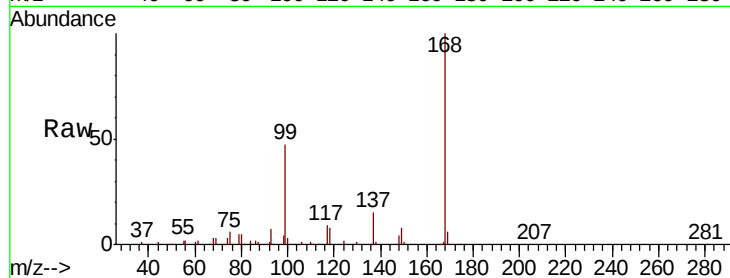




#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006441.D
 Acq: 27 Oct 2018 09:09

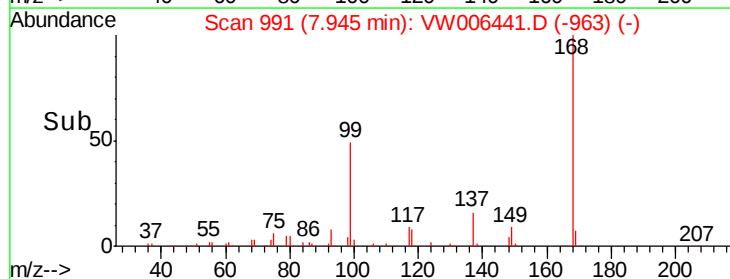
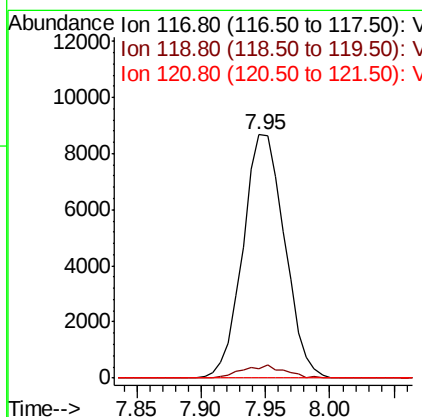
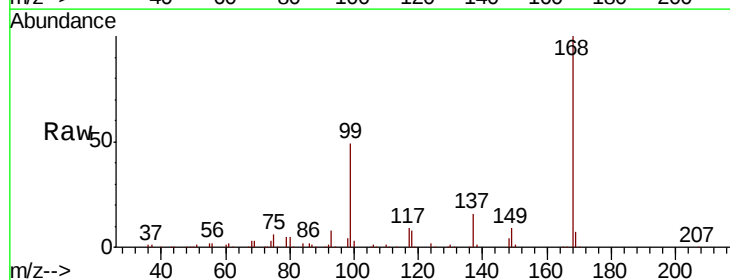
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01C

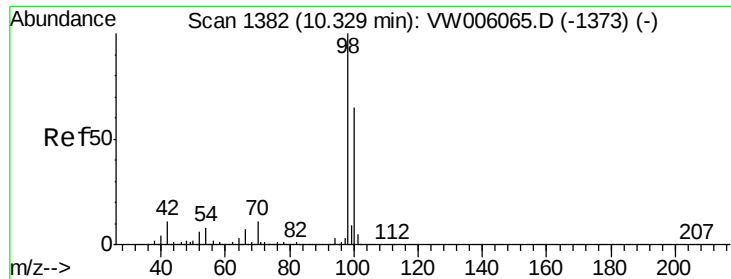
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.183 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006441.D
 Acq: 27 Oct 2018 09:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 50.117 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006441.D

Acq: 27 Oct 2018 09:09

Instrument :

MSVOA_W

ClientSampleId :

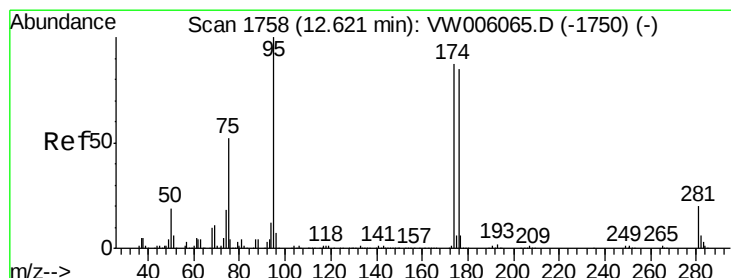
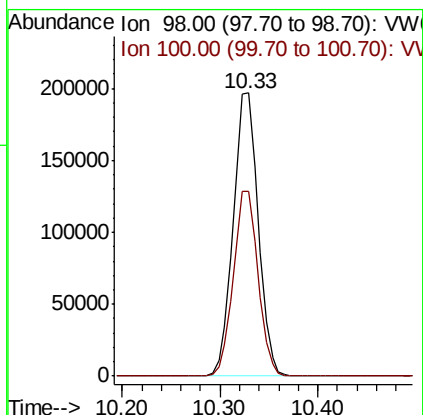
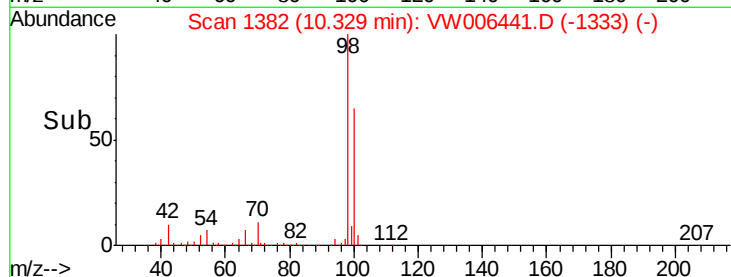
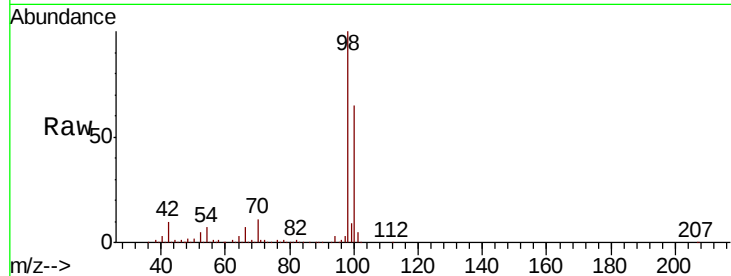
SA-SB-01C

Tot Ion: 98 Resp: 350249

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 37.678 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006441.D

Acq: 27 Oct 2018 09:09

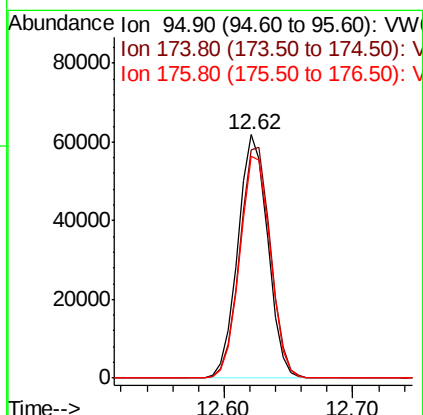
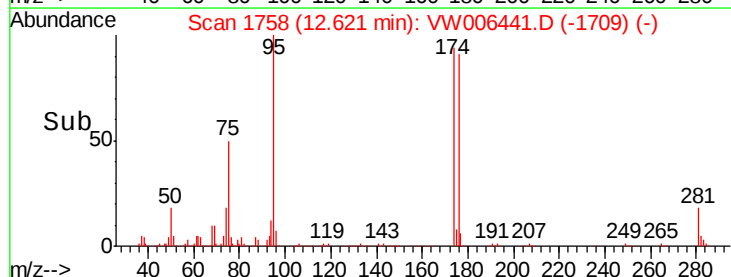
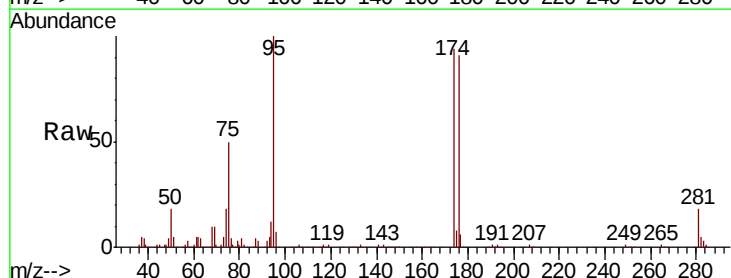
Tgt Ion: 95 Resp: 98900

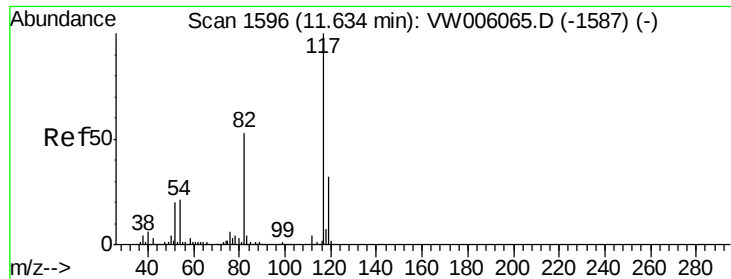
Ion Ratio Lower Upper

95 100

174 97.9 0.0 186.0

176 93.7 0.0 181.6

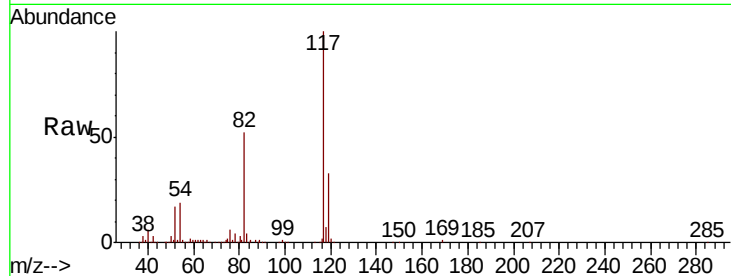




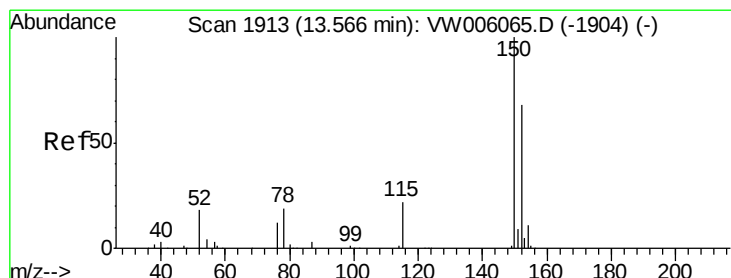
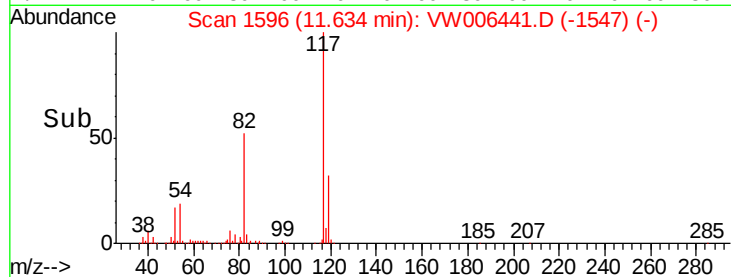
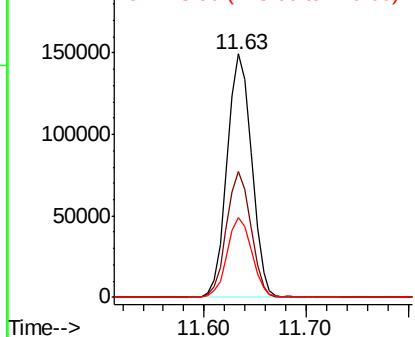
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006441.D
Acq: 27 Oct 2018 09:09

Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01C

Tot Ion:117 Resp: 248783
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.3 25.8 38.6

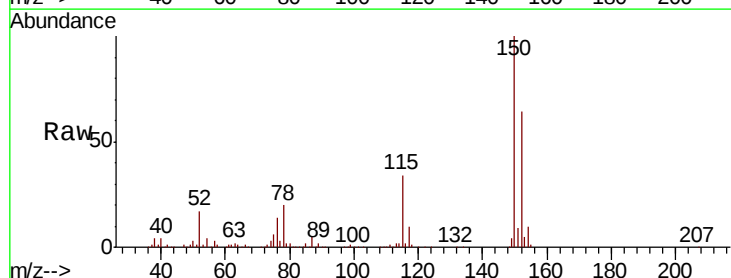


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

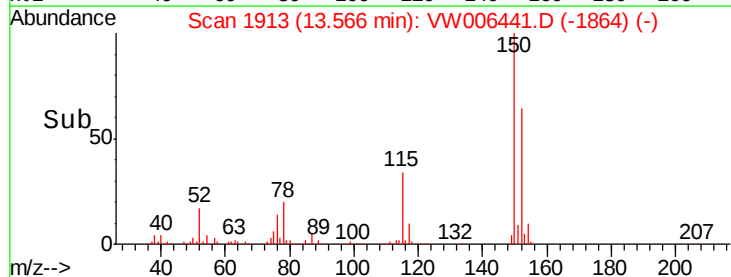
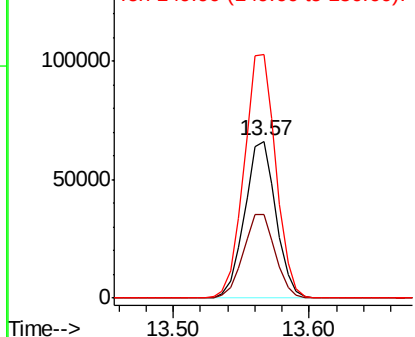


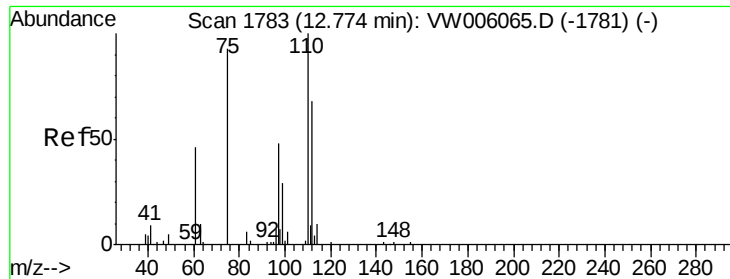
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006441.D
Acq: 27 Oct 2018 09:09

Tgt Ion:152 Resp: 106088
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.3
150 157.7 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

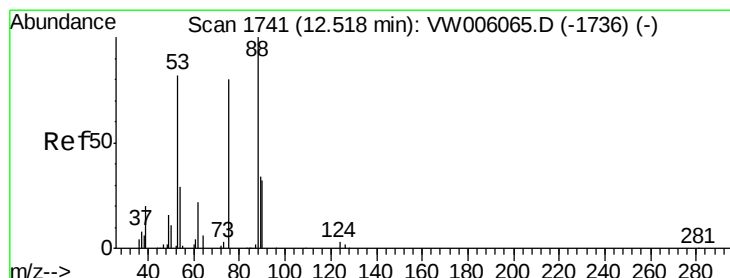
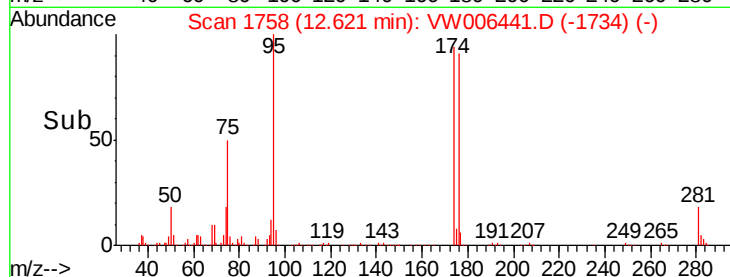
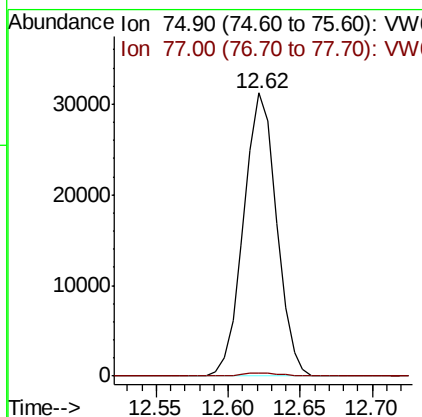
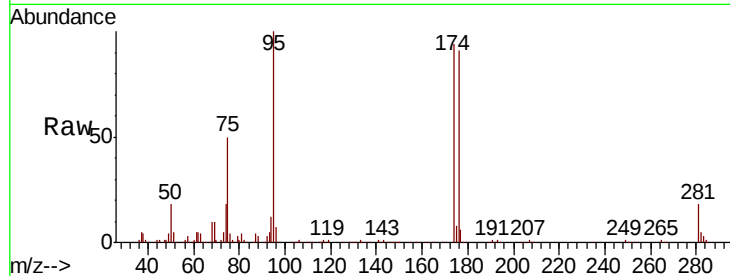




#76
 1,2,3-Trichloropropane
 Concen: 61.161 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006441.D
 Acq: 27 Oct 2018 09:09

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01C

Tot Ion: 75 Resp: 49559
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.199 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006441.D
 Acq: 27 Oct 2018 09:09

Tgt Ion: 75 Resp: 49559
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.1 37.5 56.3#

