

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006684.D
 Acq On : 06 Nov 2018 14:24
 Operator : SY/AP
 Sample : J5794-11
 Misc : 4.04G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10B-S

Quant Time: Nov 06 15:02:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	126307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105390	48.97	ug/l	0.00
Spiked Amount						
			Recovery	=	97.94%	
35) Dibromofluoromethane	7.89	113	110098	45.74	ug/l	0.00
Spiked Amount						
			Recovery	=	91.48%	
50) Toluene-d8	10.33	98	391892	42.77	ug/l	0.00
Spiked Amount						
			Recovery	=	85.54%	
62) 4-Bromofluorobenzene	12.62	95	109482	32.96	ug/l	0.00
Spiked Amount						
			Recovery	=	65.92%	

Target Compounds

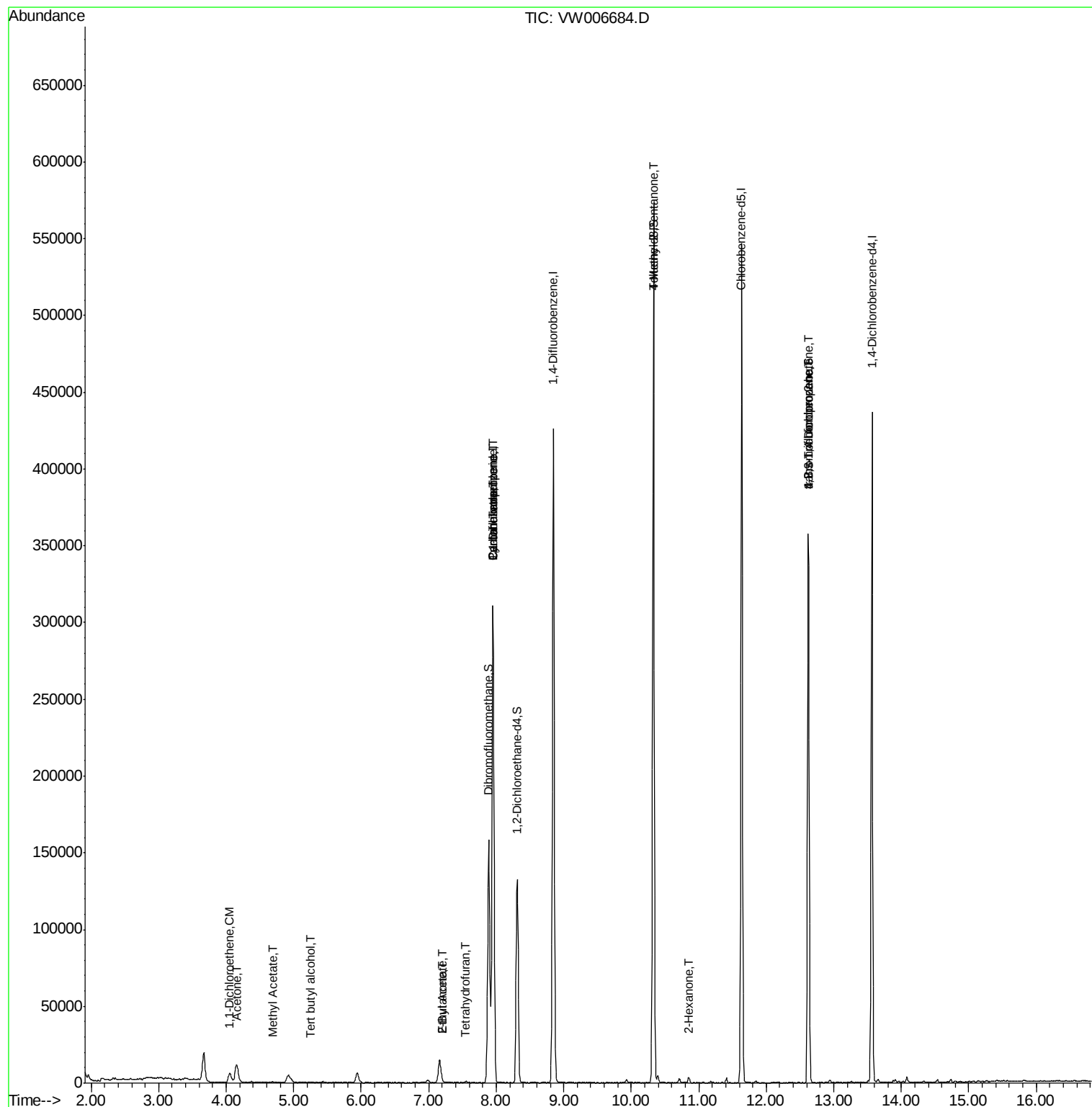
					Qvalue	
11) Tert butyl alcohol	5.25	59	143	1.233	ug/l #	84
12) 1,1-Dichloroethene	4.06	96	4736	2.319	ug/l	82
16) Acetone	4.15	43	25072	72.152	ug/l	100
18) Methyl Acetate	4.68	43	1091	1.092	ug/l #	70
20) Methylene Chloride	4.91	84	3823	Below Cal	#	94
25) 2-Butanone	7.20	43	1657	3.342	ug/l #	80
29) Tetrahydrofuran	7.55	42	658	2.110	ug/l #	74
31) Cyclohexane	7.95	56	4189	1.222	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	15391	4.564	ug/l #	48
37) Ethyl Acetate	7.20	43	1657	1.418	ug/l #	66
38) Carbon Tetrachloride	7.95	117	21418	6.078	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1580	1.319	ug/l #	1
59) 2-Hexanone	10.85	43	1140	1.401	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	54486	55.289	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54486	138.223	ug/l #	11

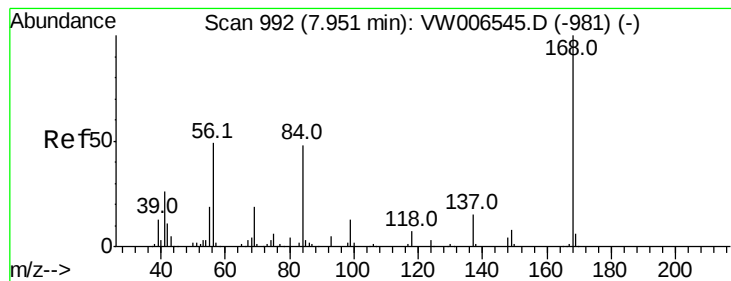
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

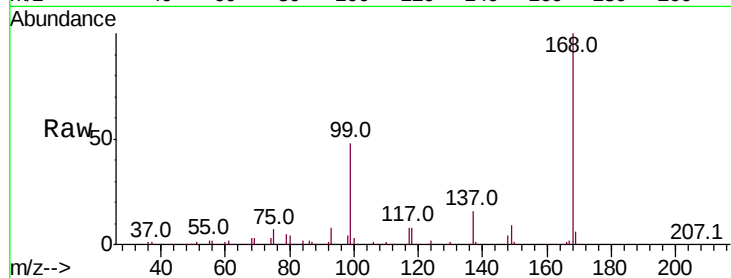
TP-10B-S

Tot Ion:168 Resp: 250385

Ion Ratio Lower Upper

168 100

99 47.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

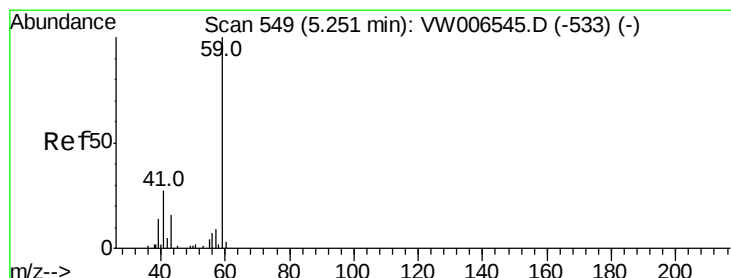
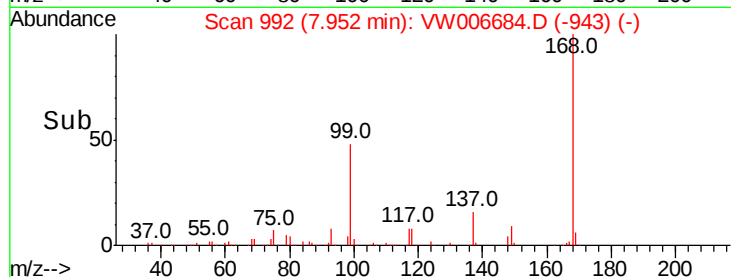
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.233 ug/l

RT: 5.25 min Scan# 549

Delta R.T. 0.00 min

Lab File: VW006684.D

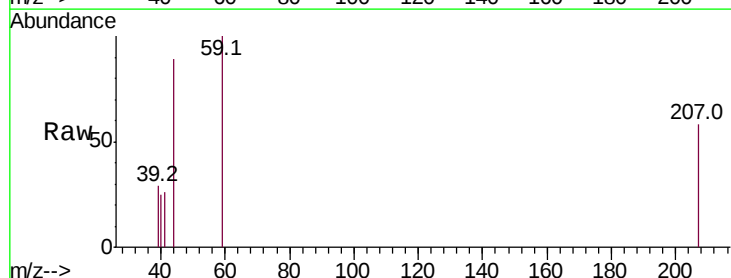
Acq: 06 Nov 2018 14:24

Tgt Ion: 59 Resp: 143

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.25

250

200

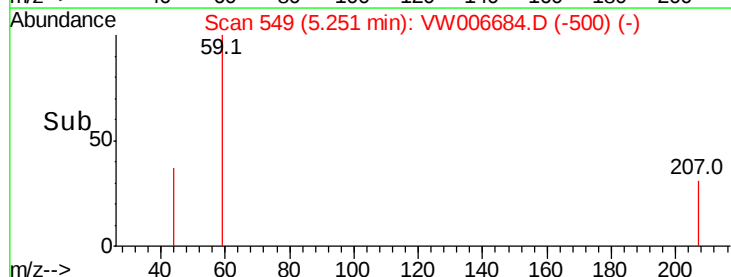
150

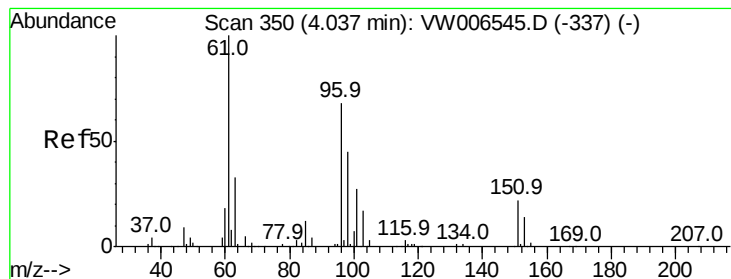
100

50

0

Time-->





#12

1,1-Dichloroethene

Concen: 2.319 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.02 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

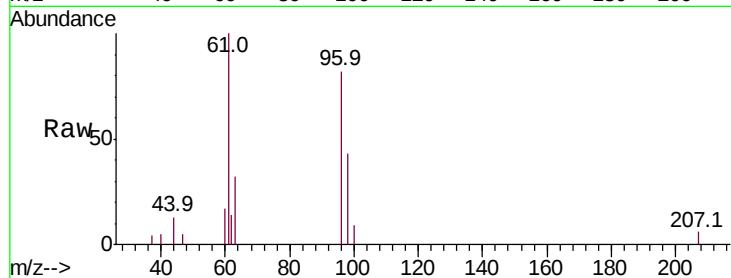
MSVOA_W

ClientSampleId :

TP-10B-S

Tot Ion: 96 Resp: 4736

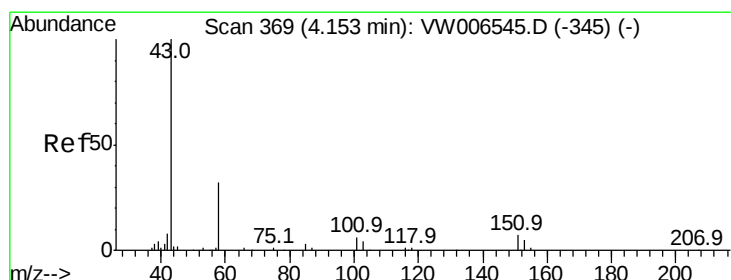
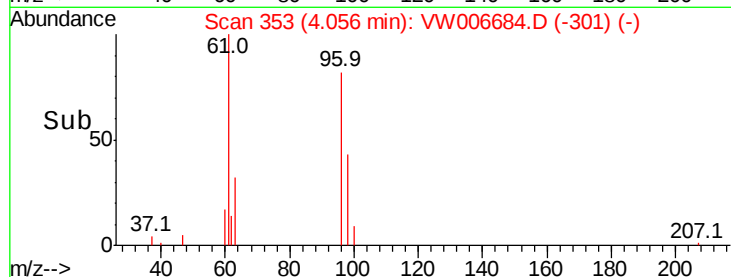
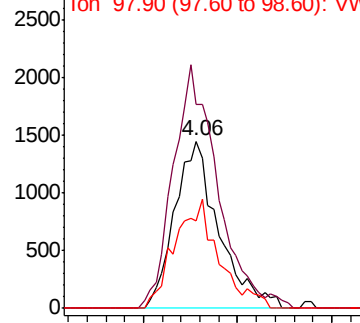
Ion	Ratio	Lower	Upper
96	100		
61	122.1	117.0	175.4
98	52.5	52.5	78.7



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#16

Acetone

Concen: 72.152 ug/l

RT: 4.15 min Scan# 369

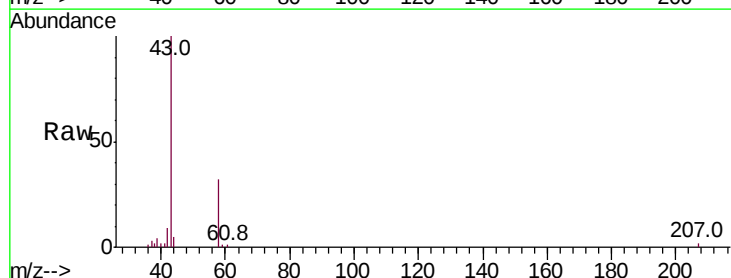
Delta R.T. 0.00 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

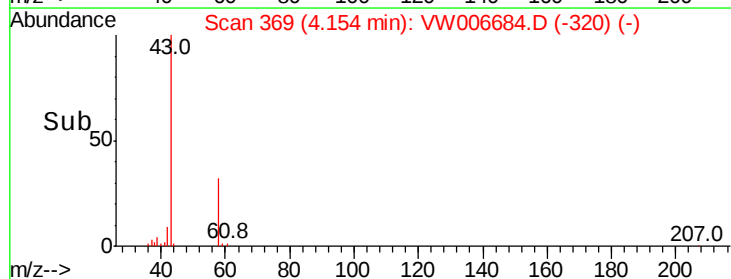
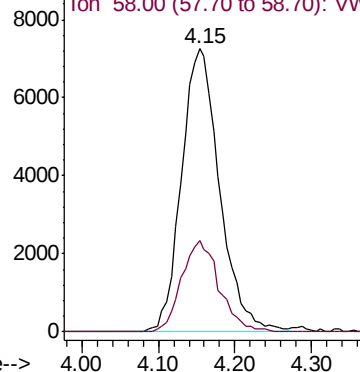
Tgt Ion: 43 Resp: 25072

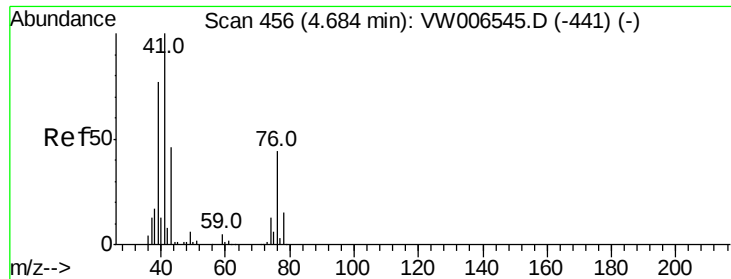
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

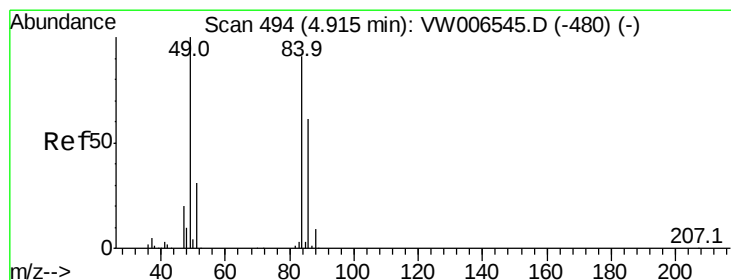
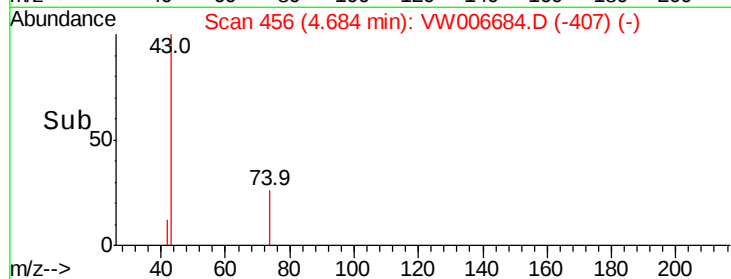
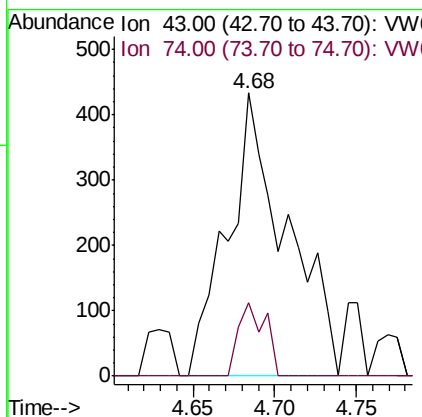
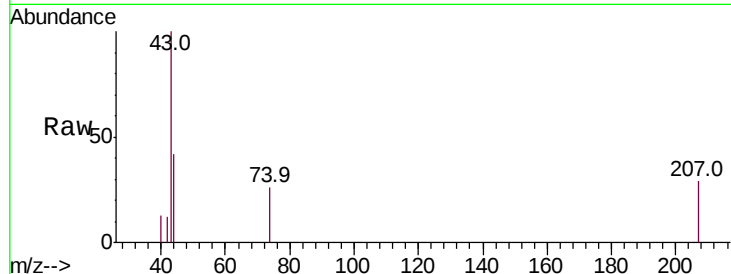




#18
Methyl Acetate
Concen: 1.092 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006684.D
Acq: 06 Nov 2018 14:24

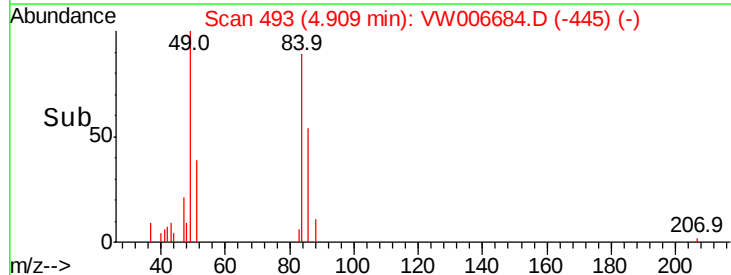
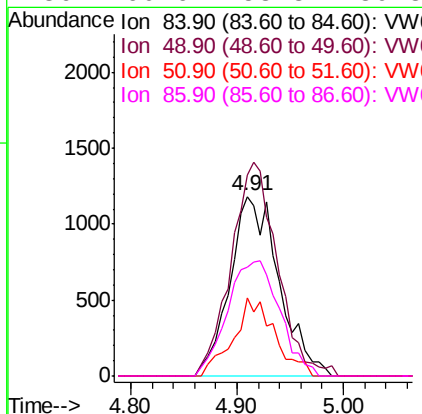
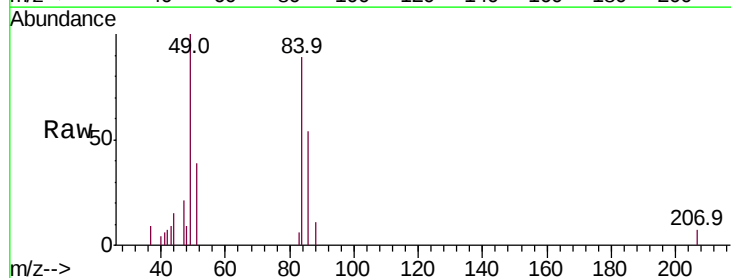
Instrument :
MSVOA_W
ClientSampleId :
TP-10B-S

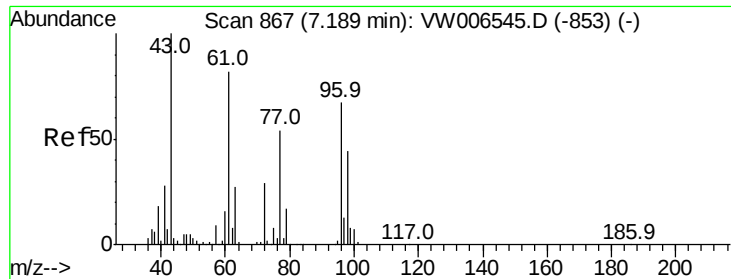
Tot Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
74 11.8 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006684.D
Acq: 06 Nov 2018 14:24

Tgt Ion: 84 Resp: 3823
Ion Ratio Lower Upper
84 100
49 112.0 88.2 132.4
51 43.2 27.0 40.6#
86 60.6 53.8 80.8





#25

2-Butanone

Concen: 3.342 ug/l

RT: 7.20 min Scan# 869

Delta R.T. 0.01 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

MSVOA_W

ClientSampled :

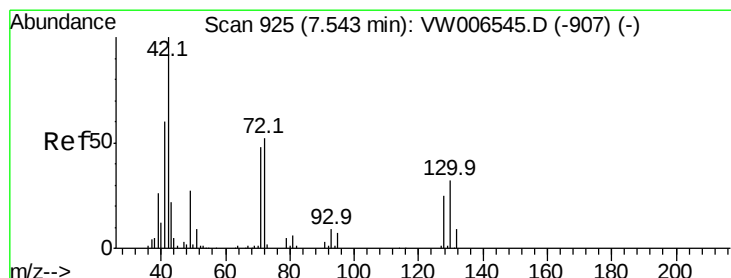
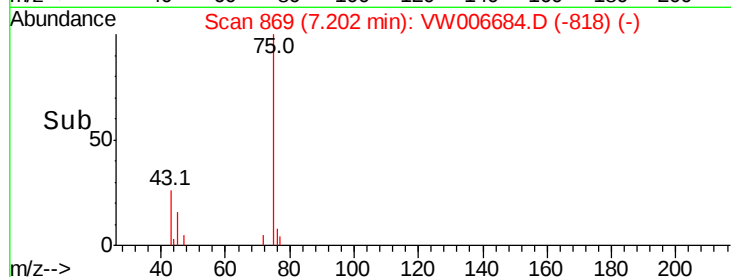
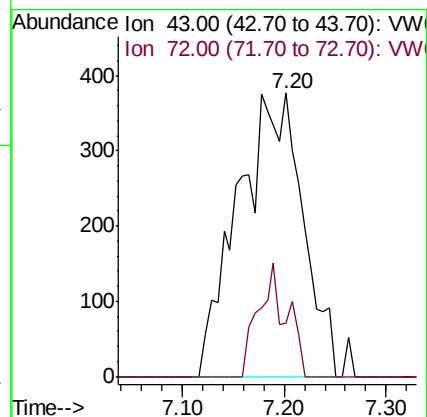
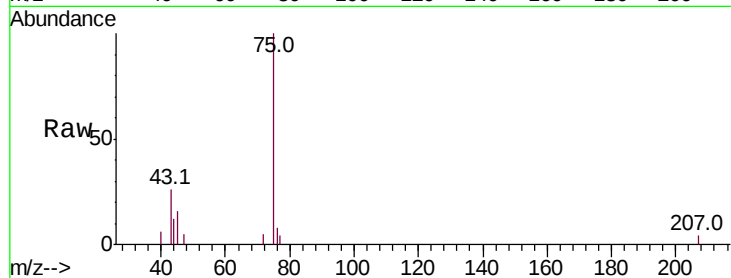
TP-10B-S

Tot Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

72 18.6 23.2 34.8#



#29

Tetrahydrofuran

Concen: 2.110 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

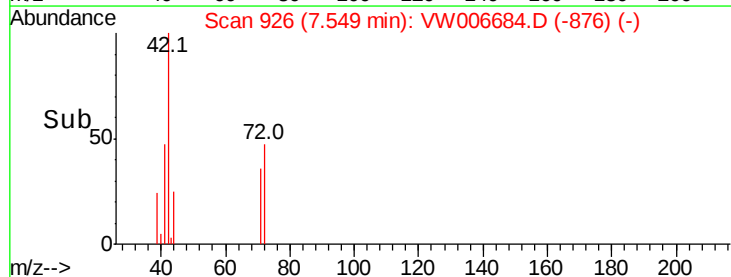
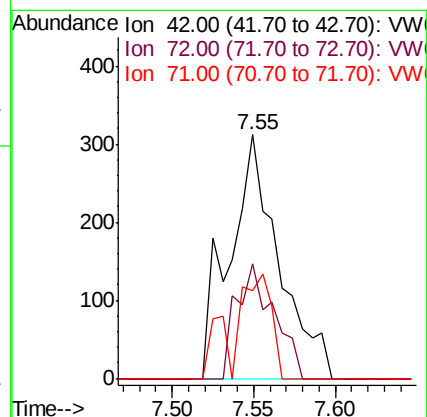
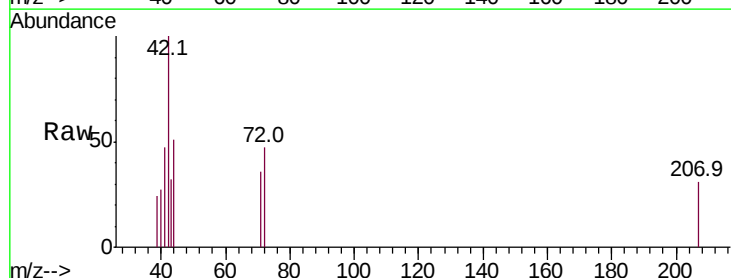
Tgt Ion: 42 Resp: 658

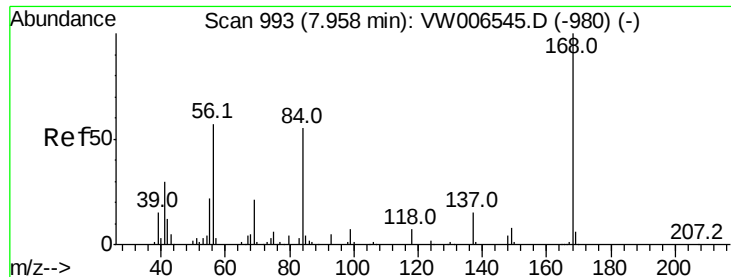
Ion Ratio Lower Upper

42 100

72 35.9 39.2 58.8#

71 25.4 37.6 56.4#

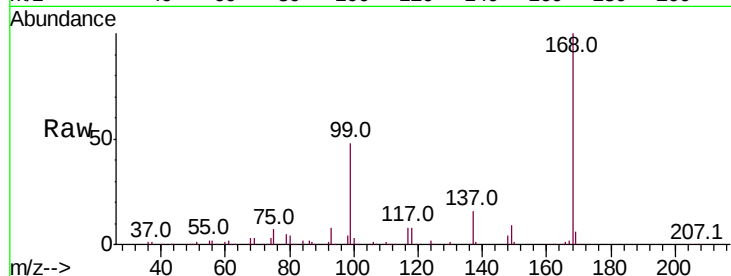




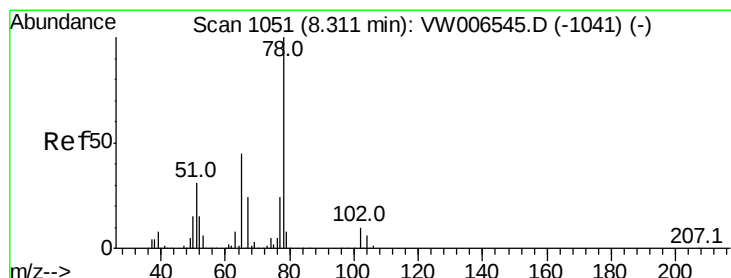
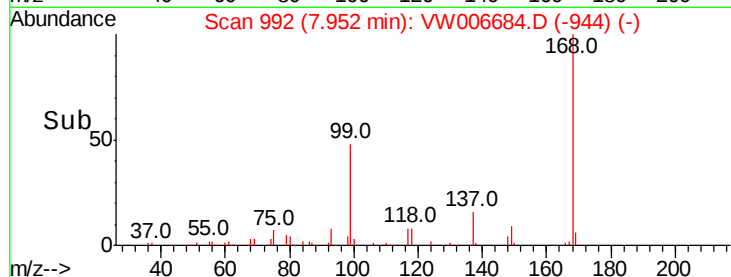
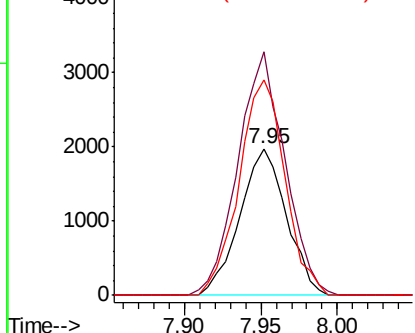
#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006684.D
Acq: 06 Nov 2018 14:24

Instrument :
MSVOA_W
ClientSampleId :
TP-10B-S

Tot Ion: 56 Resp: 4189
Ion Ratio Lower Upper
56 100
69 166.3 29.0 43.4#
84 147.4 77.8 116.6#

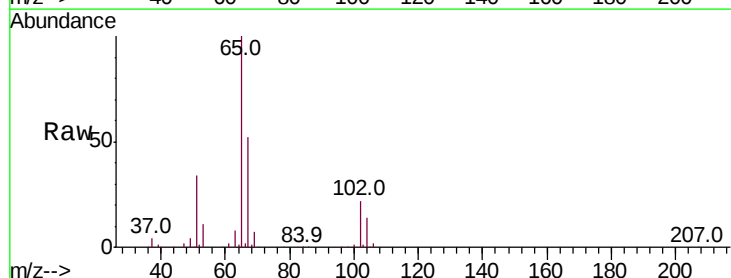


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

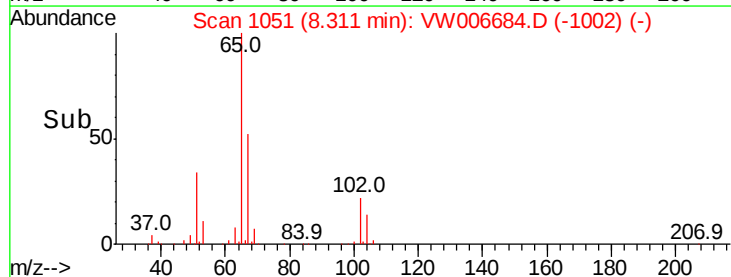
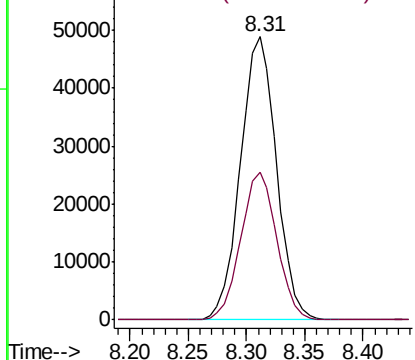


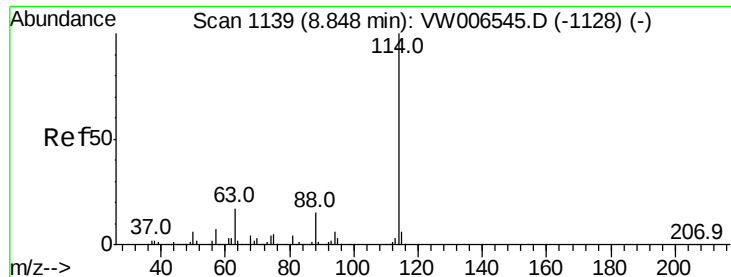
#33
1,2-Dichloroethane-d4
Concen: 48.966 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006684.D
Acq: 06 Nov 2018 14:24

Tgt Ion: 65 Resp: 105390
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4



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

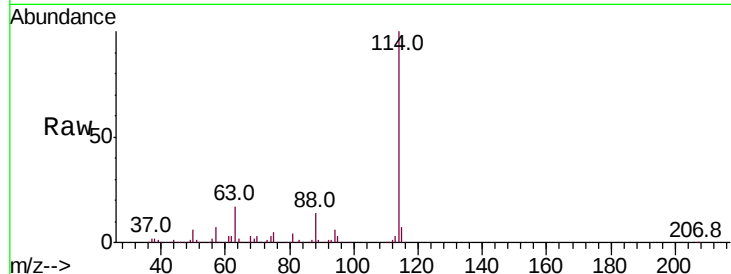




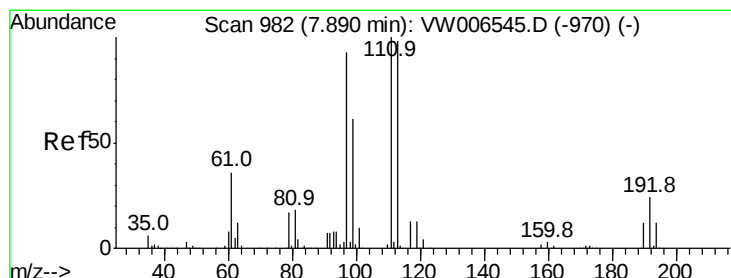
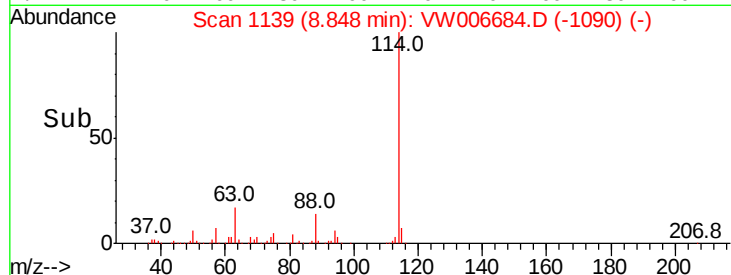
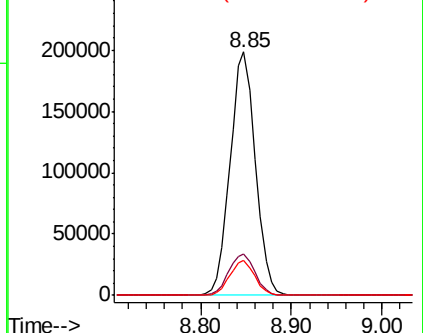
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006684.D
 Acq: 06 Nov 2018 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10B-S

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	34.4
88	14.4	0.0	29.0

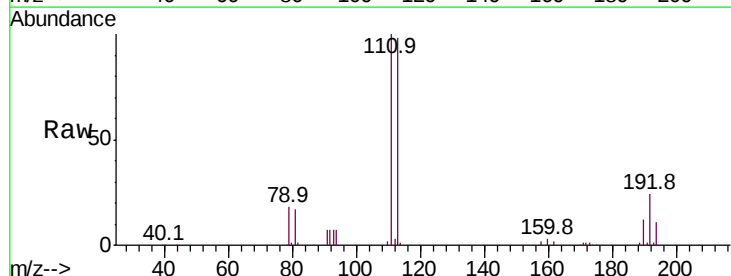


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

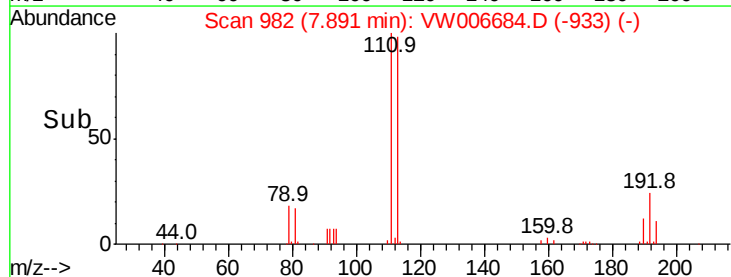
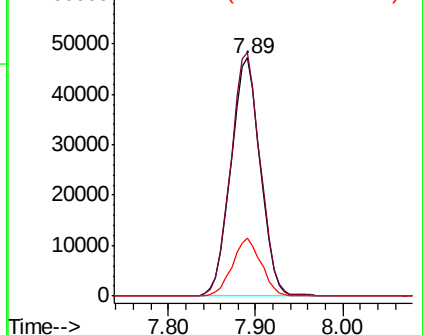


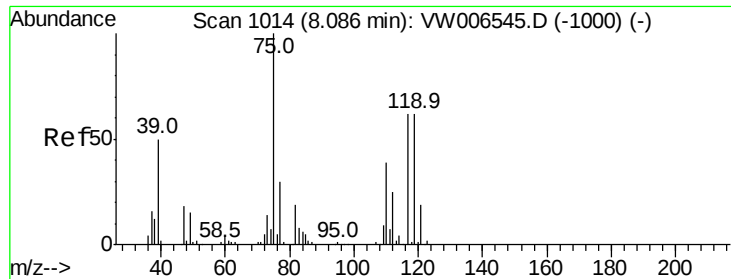
#35
 Dibromofluoromethane
 Concen: 45.744 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006684.D
 Acq: 06 Nov 2018 14:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	23.8	19.0	28.6



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

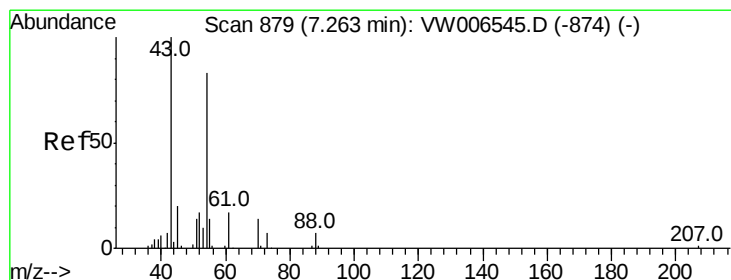
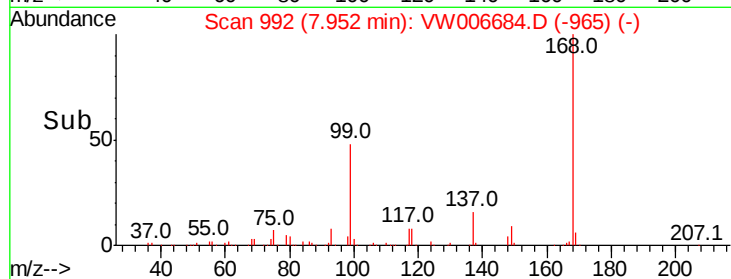
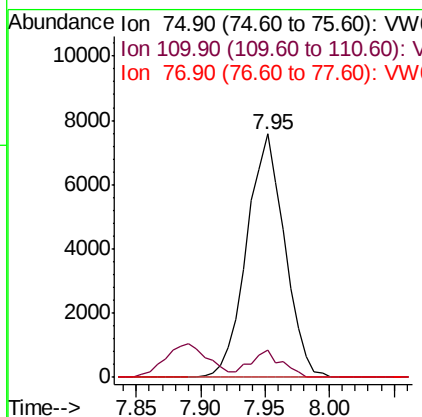
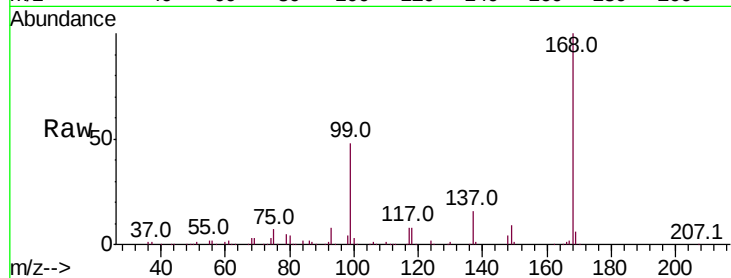




#36
 1,1-Dichloropropene
 Concen: 4.564 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006684.D
 Acq: 06 Nov 2018 14:24

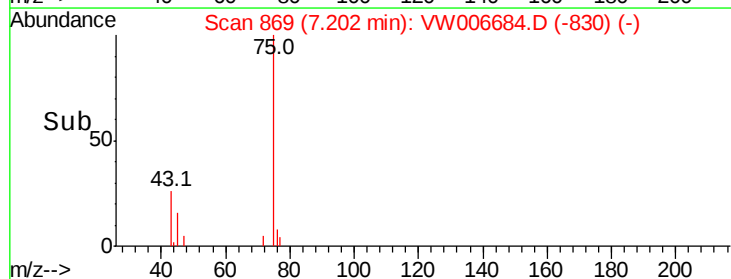
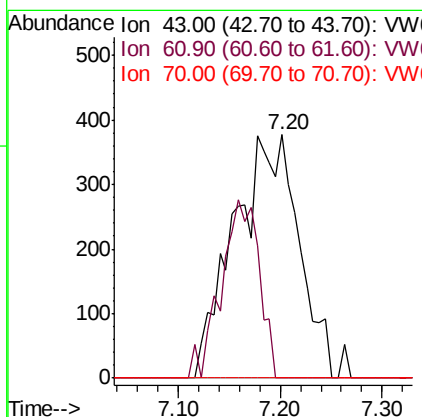
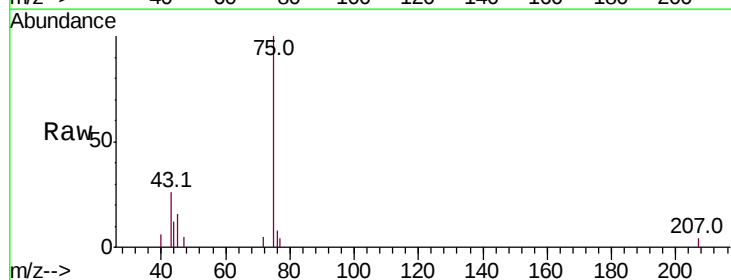
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10B-S

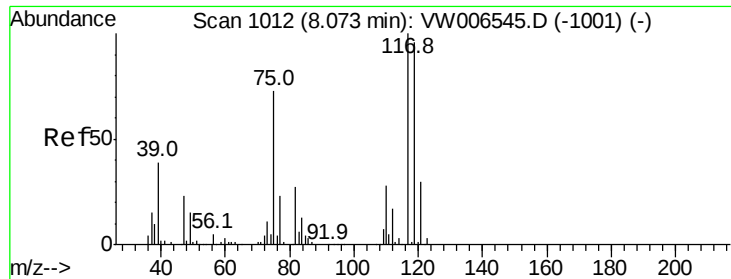
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.5	58.5#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 1.418 ug/l
 RT: 7.20 min Scan# 869
 Delta R.T. -0.06 min
 Lab File: VW006684.D
 Acq: 06 Nov 2018 14:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#





#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

TP-10B-S

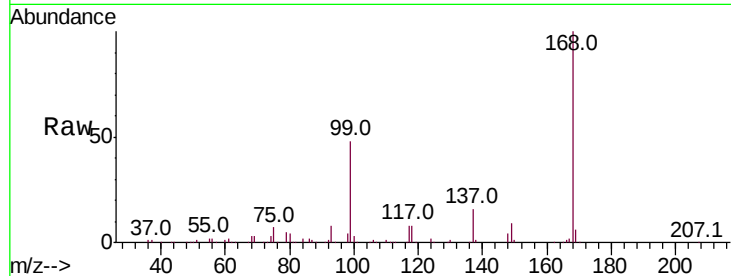
Tot Ion:117 Resp: 21418

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

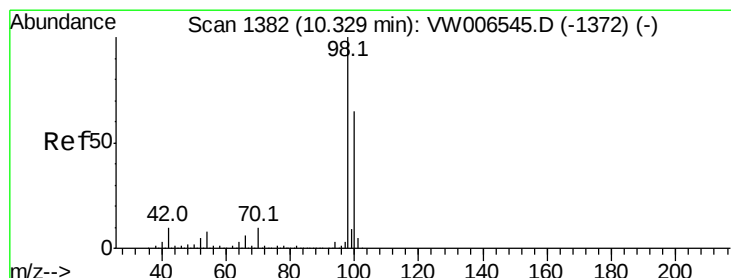
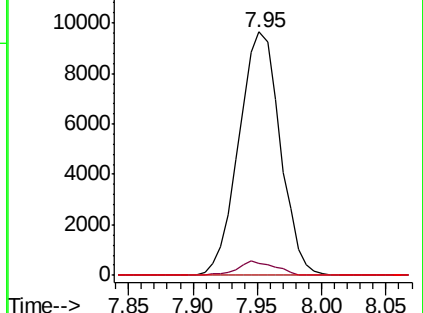
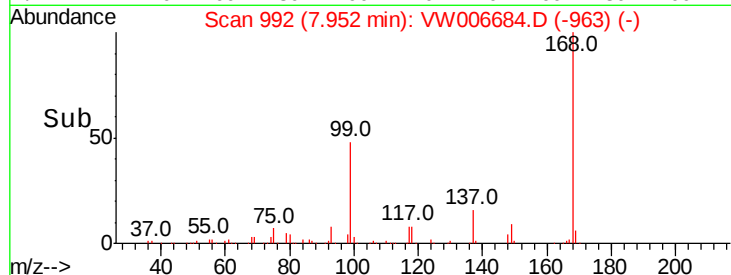
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 42.772 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006684.D

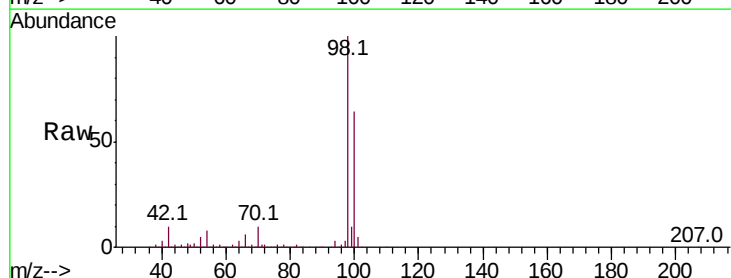
Acq: 06 Nov 2018 14:24

Tgt Ion: 98 Resp: 391892

Ion Ratio Lower Upper

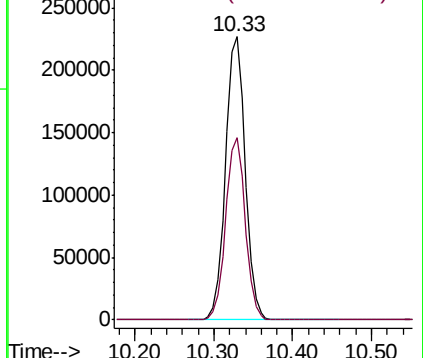
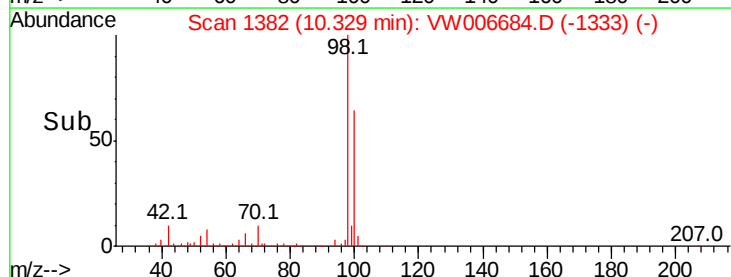
98 100

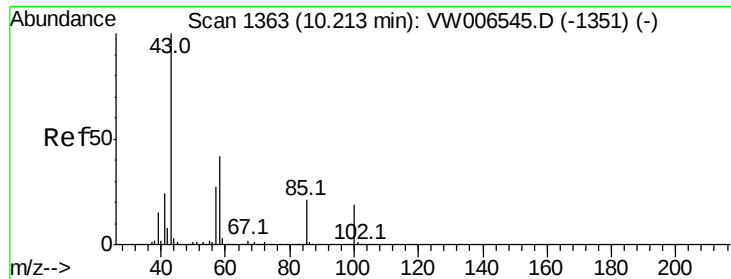
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.319 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

MSVOA_W

ClientSampled :

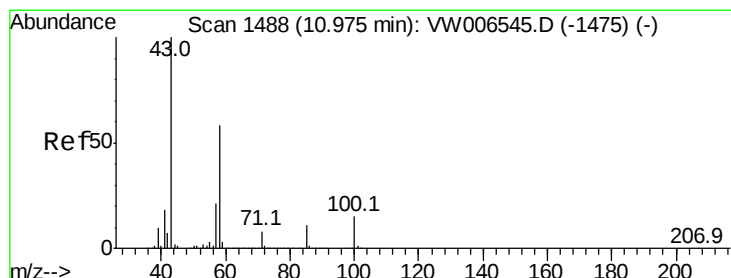
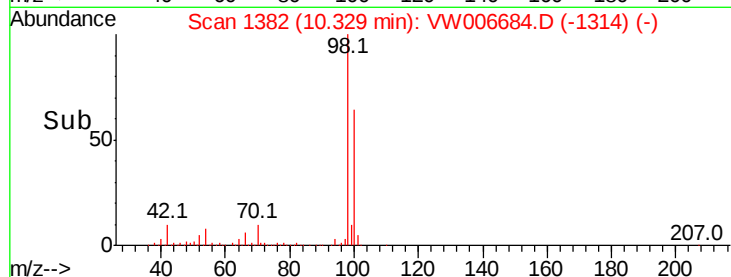
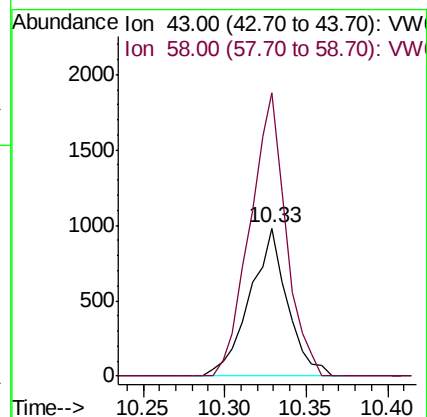
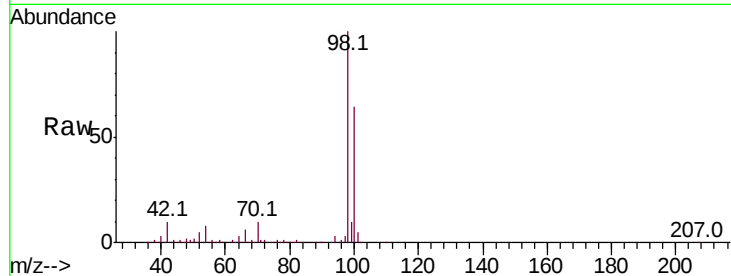
TP-10B-S

Tot Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

58 182.5 33.4 50.0#



#59

2-Hexanone

Concen: 1.401 ug/l

RT: 10.85 min Scan# 1467

Delta R.T. -0.13 min

Lab File: VW006684.D

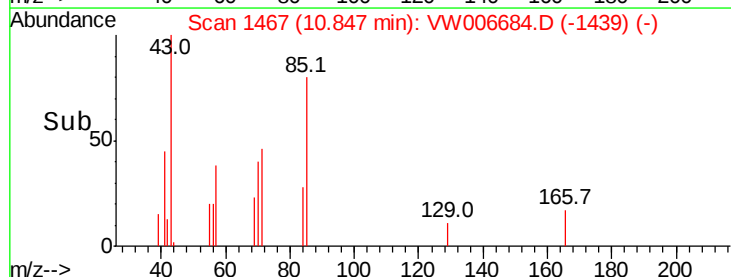
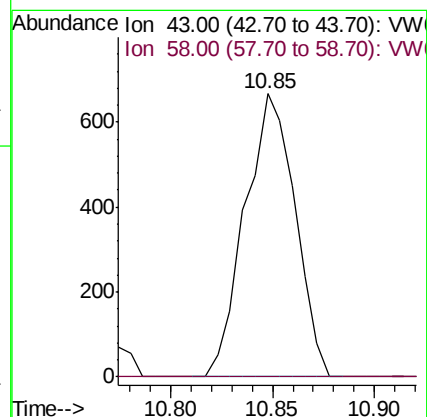
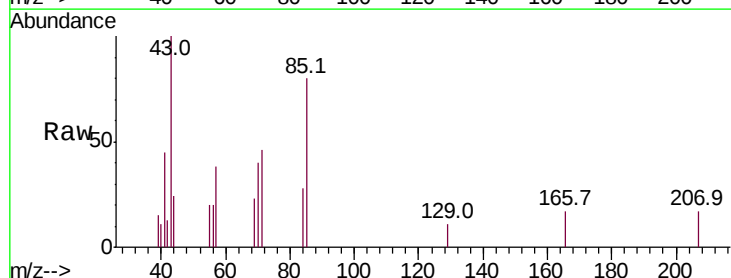
Acq: 06 Nov 2018 14:24

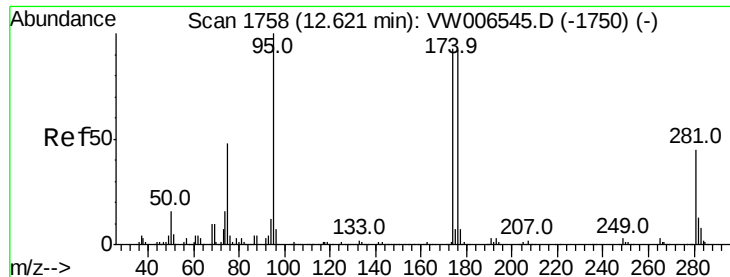
Tgt Ion: 43 Resp: 1140

Ion Ratio Lower Upper

43 100

58 0.0 28.8 86.4#





#62

4-Bromofluorobenzene

Concen: 32.960 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

TP-10B-S

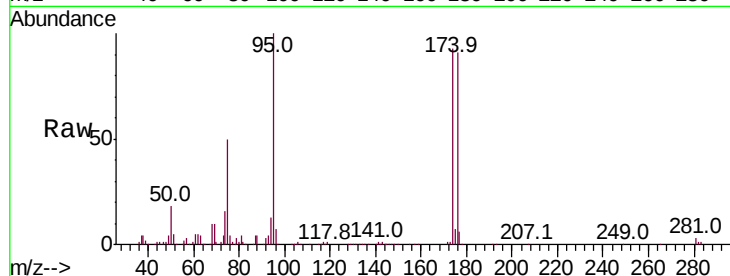
Tot Ion: 95 Resp: 109482

Ion Ratio Lower Upper

95 100

174 98.9 0.0 192.4

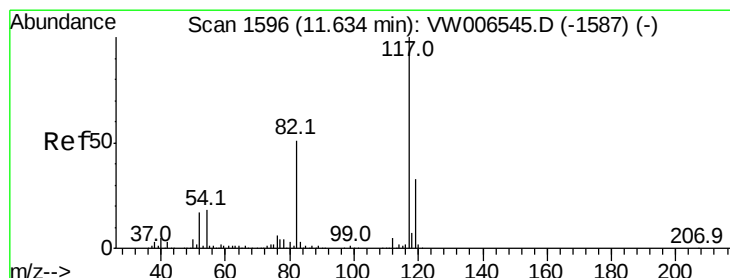
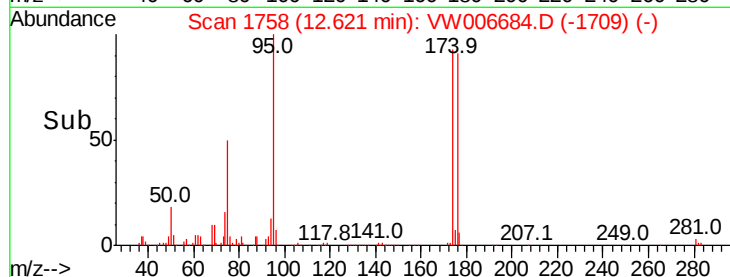
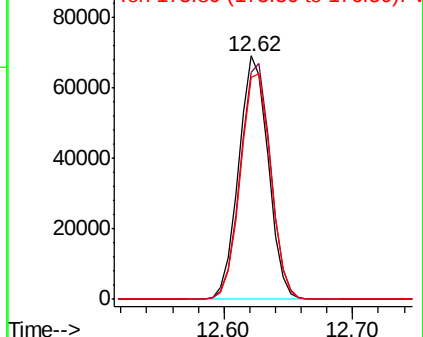
176 95.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

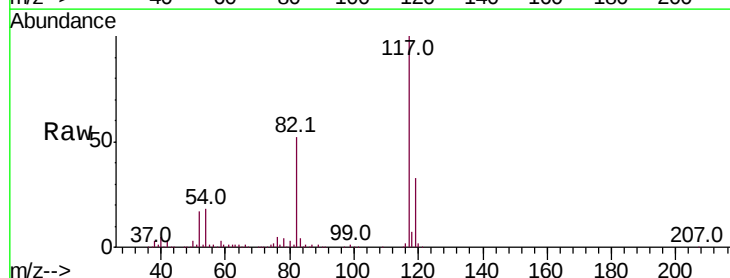
Tgt Ion: 117 Resp: 321710

Ion Ratio Lower Upper

117 100

82 51.7 40.8 61.2

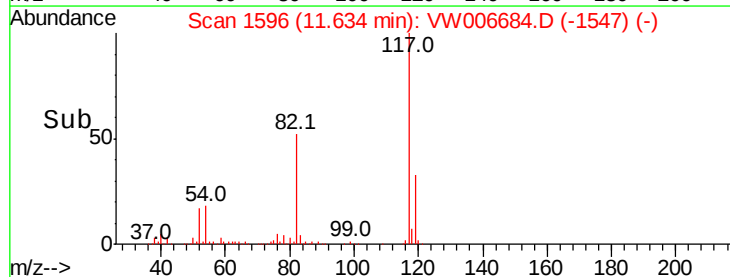
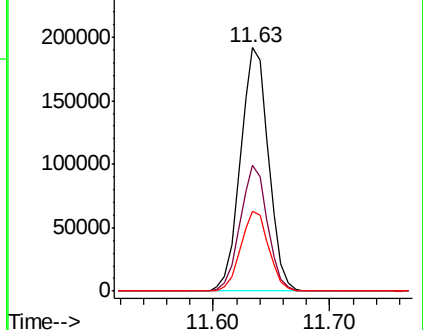
119 32.8 26.1 39.1

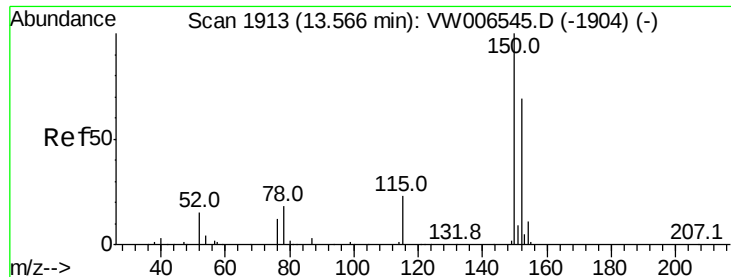


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

TP-10B-S

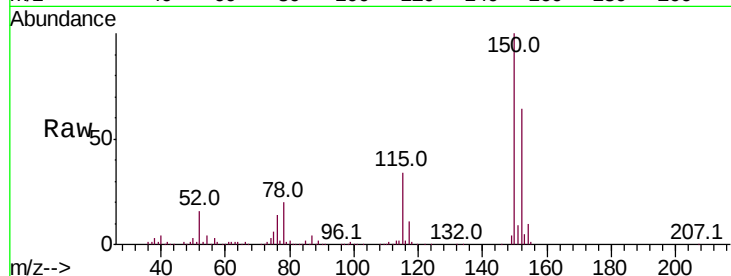
Tot Ion:152 Resp: 126307

Ion Ratio Lower Upper

152 100

115 53.9 26.6 79.8

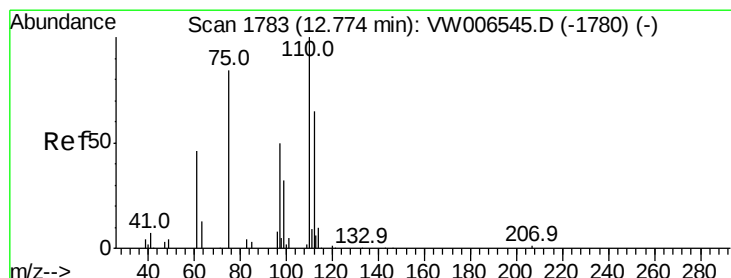
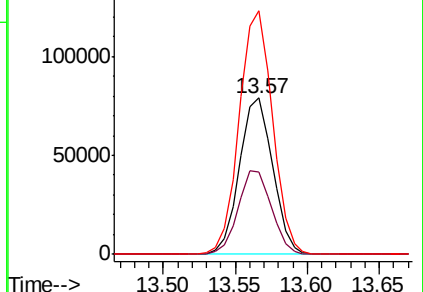
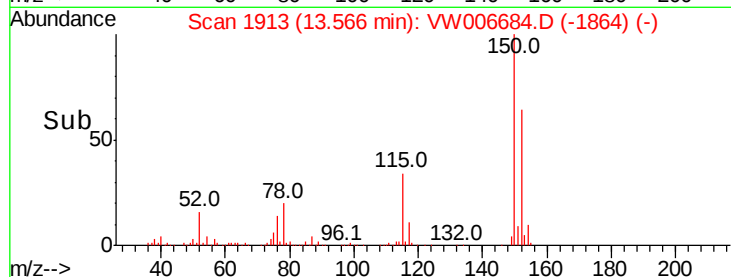
150 156.1 0.0 344.6



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: 55.289 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006684.D

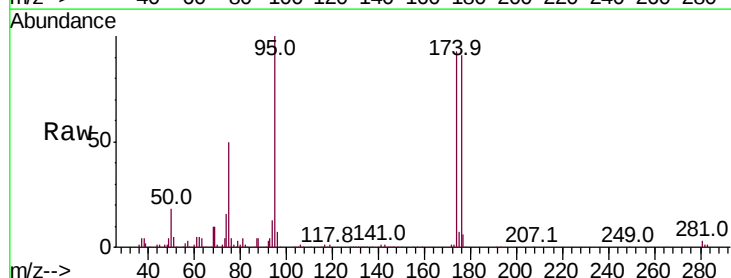
Acq: 06 Nov 2018 14:24

Tgt Ion: 75 Resp: 54486

Ion Ratio Lower Upper

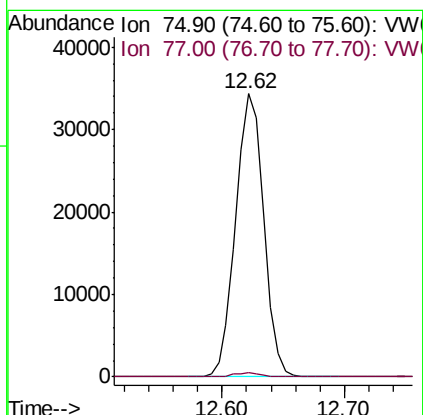
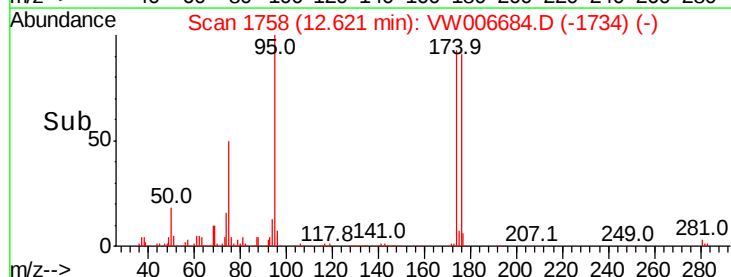
75 100

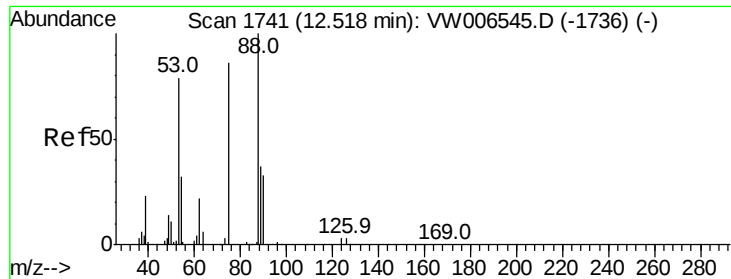
77 1.3 0.0 0.0#



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: 138.223 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006684.D

Acq: 06 Nov 2018 14:24

Instrument :

MSVOA_W

ClientSampleId :

TP-10B-S

Tot Ion: 75 Resp: 54486

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

