

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006726.D
 Acq On : 07 Nov 2018 10:13
 Operator : SY/AP
 Sample : J5812-29
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-B

Quant Time: Nov 07 11:38:22 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	261592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186689	50.00	ug/l	0.00

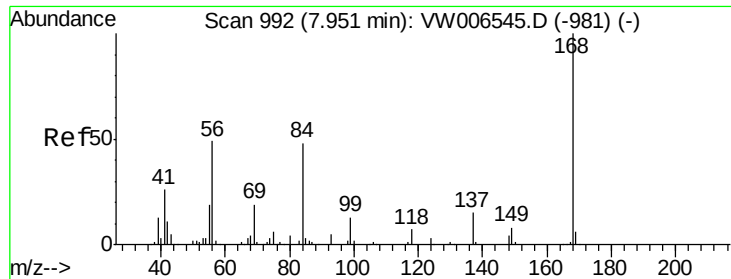
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106293	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	7.88	113	112142	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
50) Toluene-d8	10.33	98	402953	41.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.46%	
62) 4-Bromofluorobenzene	12.62	95	134908	38.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.16%	

Target Compounds

					Qvalue
8) Diethyl Ether	3.68	74	2848	2.518	ug/l 84
16) Acetone	4.14	43	10720	29.528	ug/l 95
25) 2-Butanone	7.19	43	1919	3.704	ug/l 99
31) Cyclohexane	7.95	56	4344	1.213	ug/l # 26
36) 1,1-Dichloropropene	7.95	75	16393	4.557	ug/l # 48
37) Ethyl Acetate	7.19	43	1919	1.539	ug/l # 66
38) Carbon Tetrachloride	7.95	117	22855	6.080	ug/l # 17
51) 4-Methyl-2-Pentanone	10.32	43	1471	1.151	ug/l # 1
76) 1,2,3-Trichloropropane	12.62	75	66579	45.709	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	66579	114.734	ug/l # 11
95) Naphthalene	15.37	128	7247	1.075	ug/l # 80

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006726.D

Acq: 07 Nov 2018 10:13

Instrument :

MSVOA_W

ClientSampled :

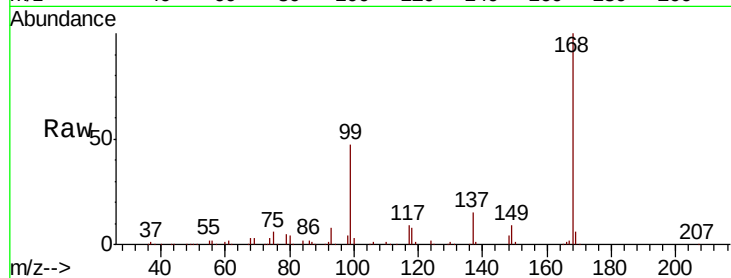
TP4-B

Tot Ion:168 Resp: 261592

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

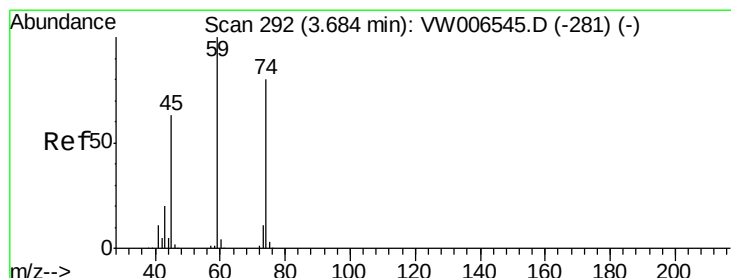
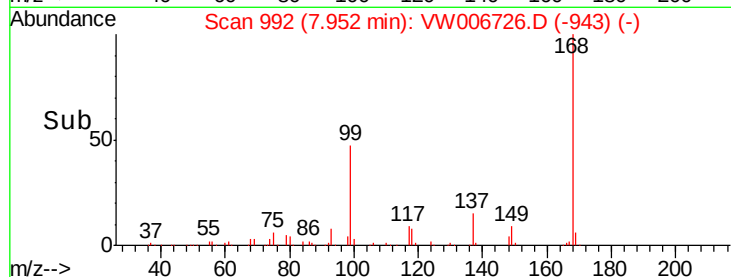
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.518 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006726.D

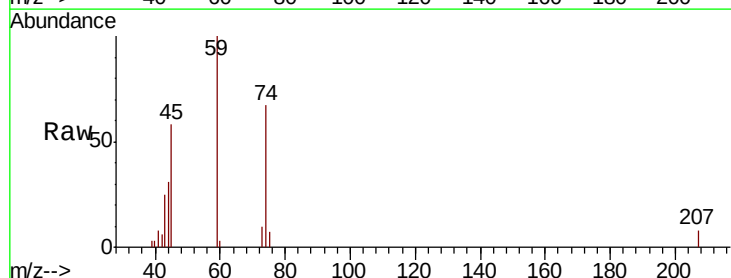
Acq: 07 Nov 2018 10:13

Tgt Ion: 74 Resp: 2848

Ion Ratio Lower Upper

74 100

45 96.3 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

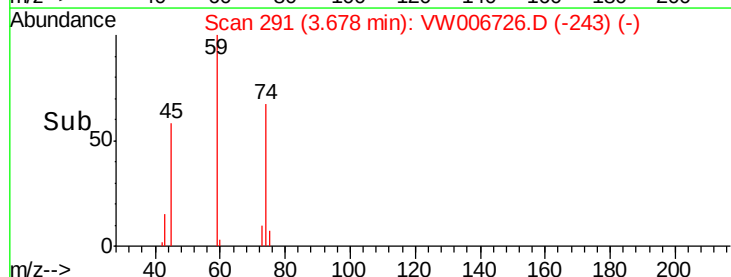
3.68

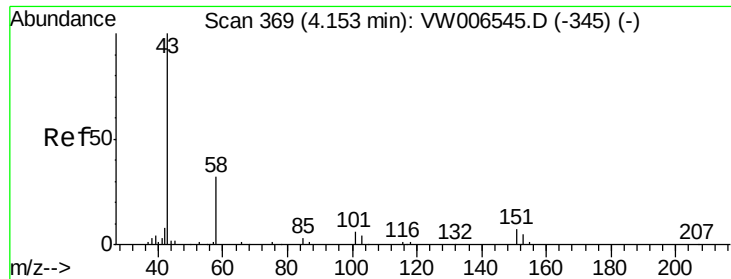
1000

500

0

Time-->





#16

Acetone

Concen: 29.528 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006726.D

Acq: 07 Nov 2018 10:13

Instrument :

MSVOA_W

ClientSampled :

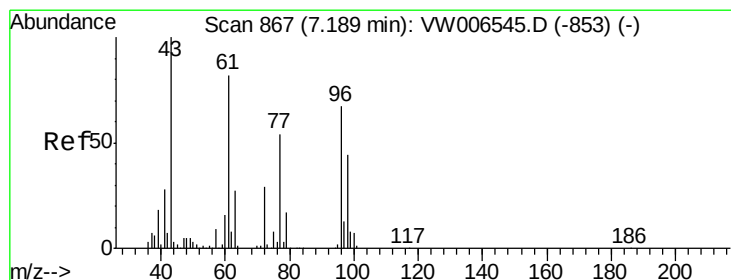
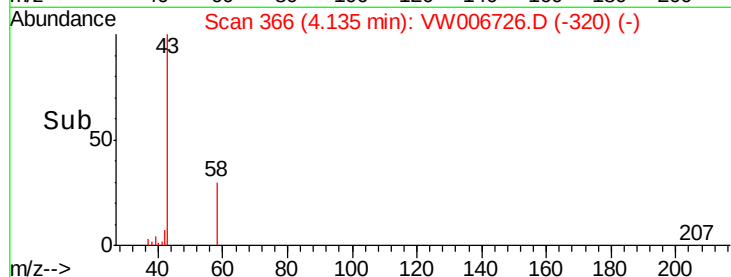
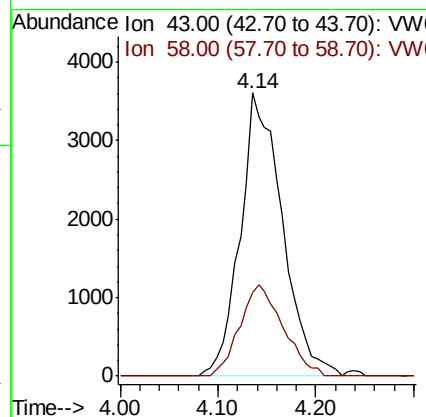
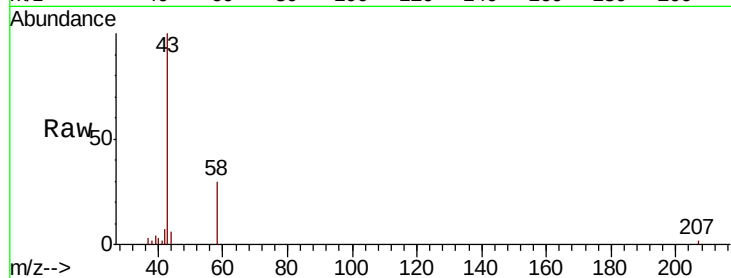
TP4-B

Tot Ion: 43 Resp: 10720

Ion Ratio Lower Upper

43 100

58 29.5 25.8 38.8



#25

2-Butanone

Concen: 3.704 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006726.D

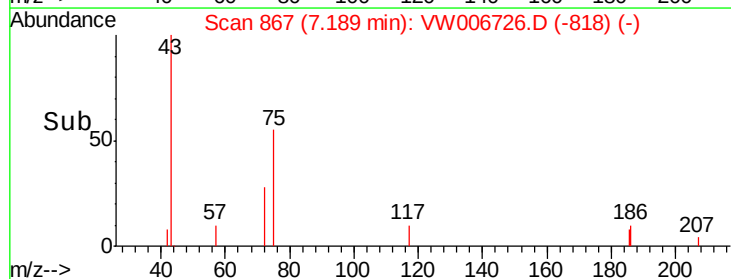
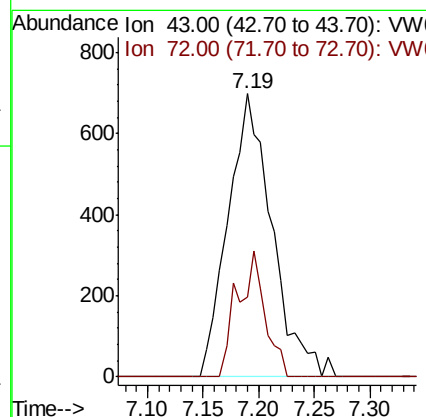
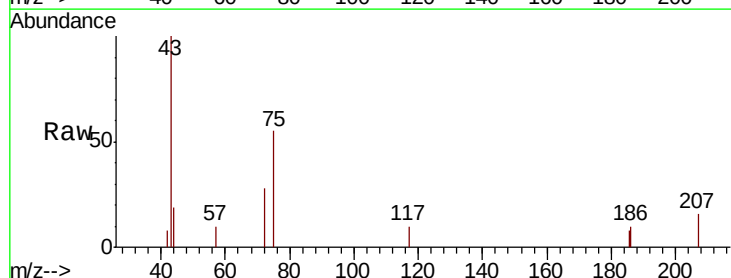
Acq: 07 Nov 2018 10:13

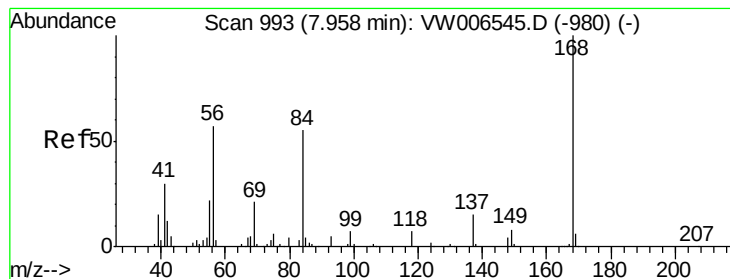
Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

43 100

72 28.2 23.2 34.8





#31

Cyclohexane

Concen: 1.213 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006726.D

Acq: 07 Nov 2018 10:13

Instrument :

MSVOA_W

ClientSampled :

TP4-B

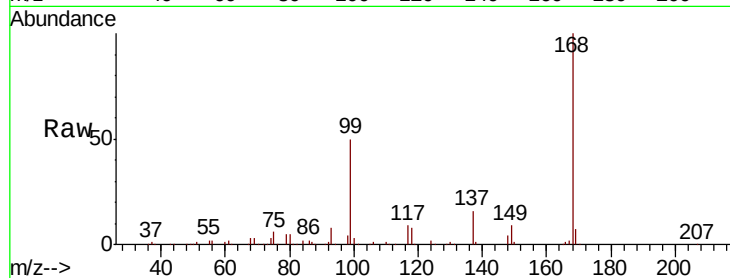
Tot Ion: 56 Resp: 4344

Ion Ratio Lower Upper

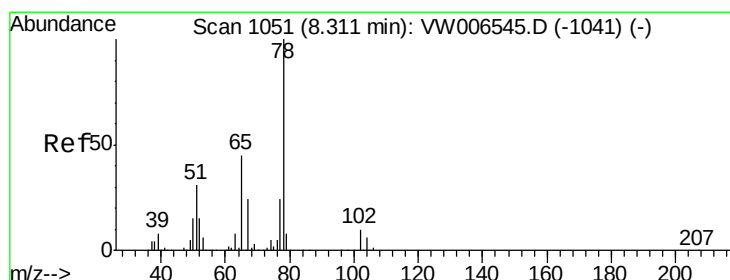
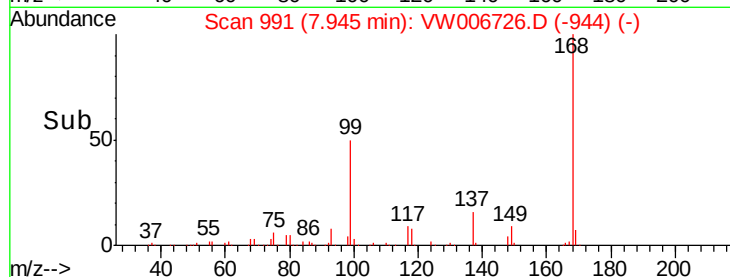
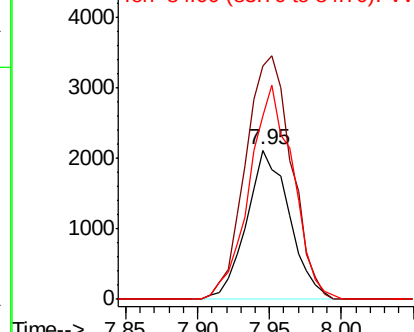
56 100

69 156.6 29.0 43.4#

84 123.0 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: 47.270 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006726.D

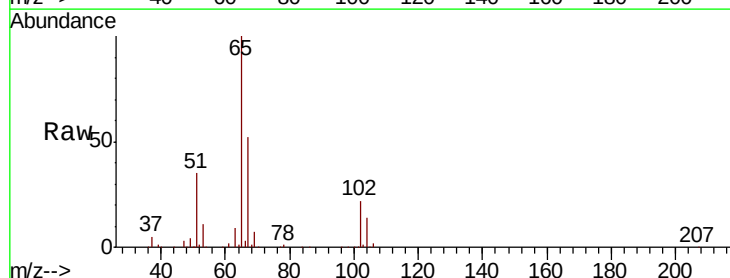
Acq: 07 Nov 2018 10:13

Tgt Ion: 65 Resp: 106293

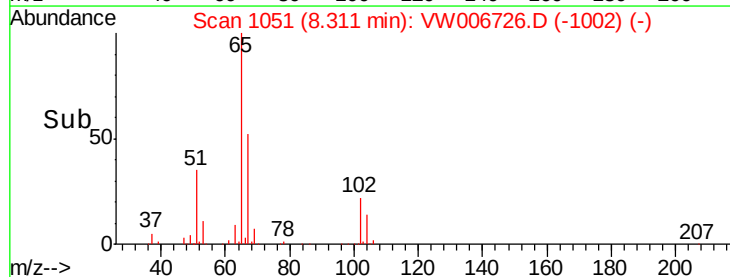
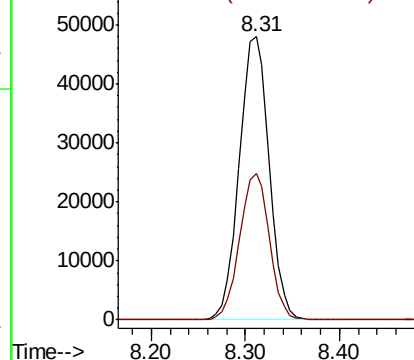
Ion Ratio Lower Upper

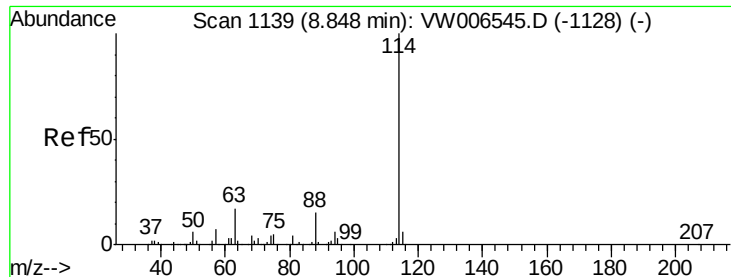
65 100

67 51.4 0.0 104.4



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

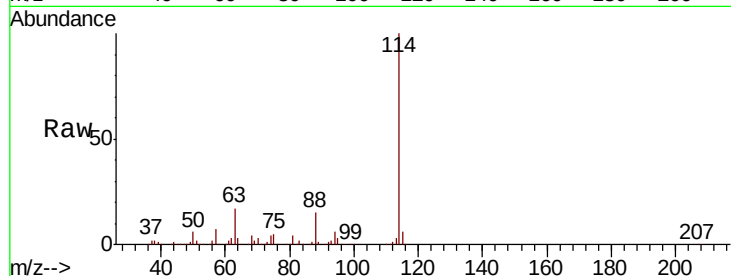




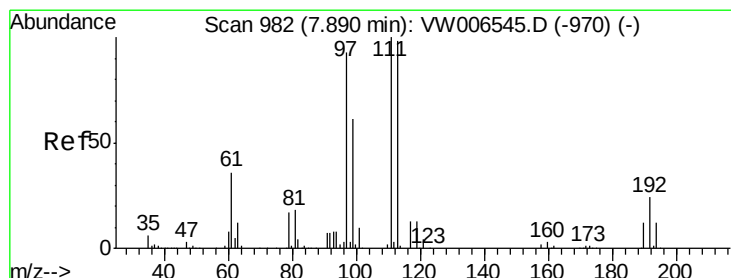
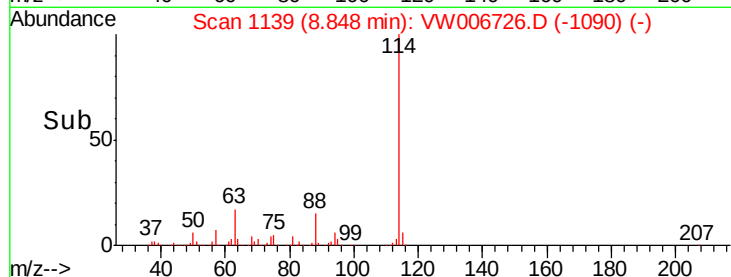
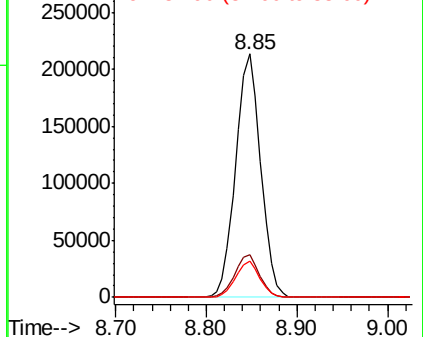
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006726.D
 Acq: 07 Nov 2018 10:13

Instrument :
 MSVOA_W
 ClientSampled :
 TP4-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.4
88	15.0	0.0	29.0

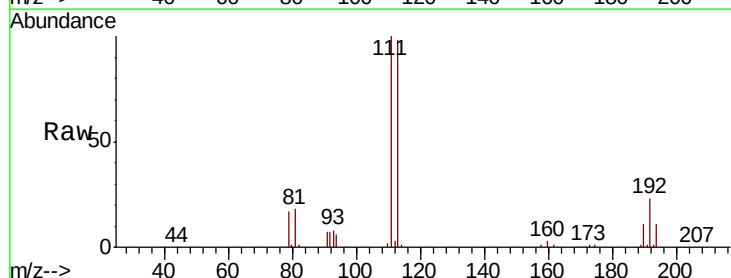


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

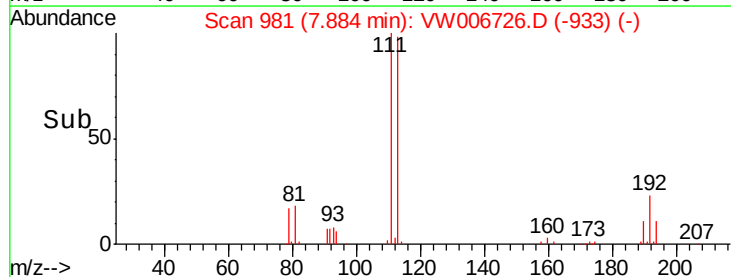
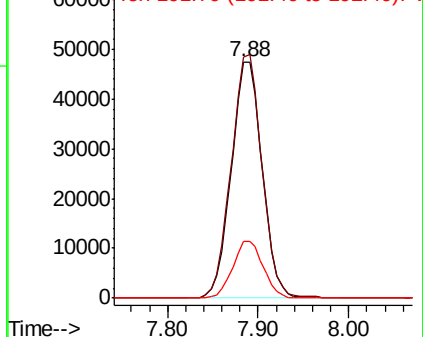


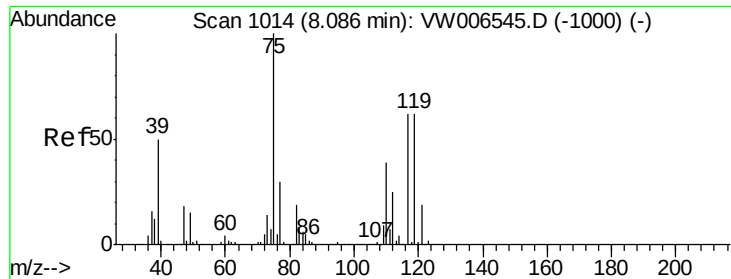
#35
 Dibromofluoromethane
 Concen: 43.684 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006726.D
 Acq: 07 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	23.5	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

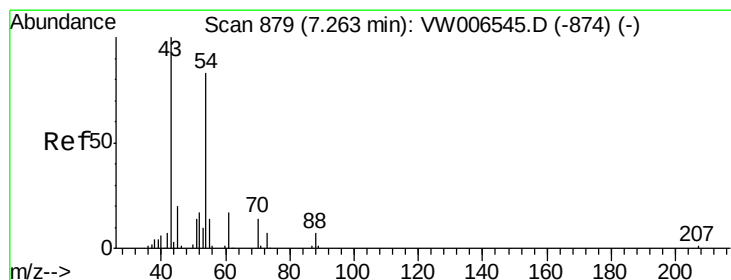
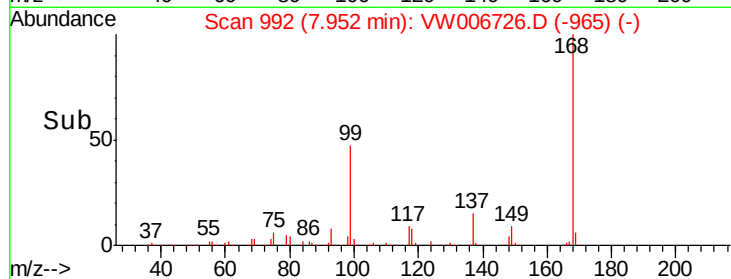
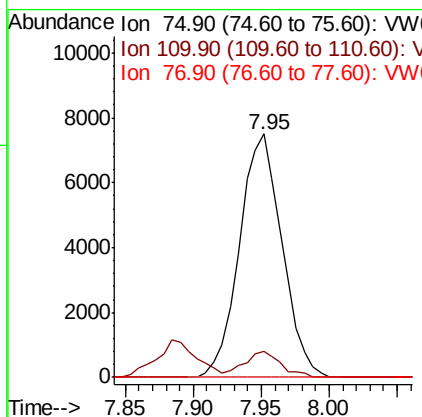
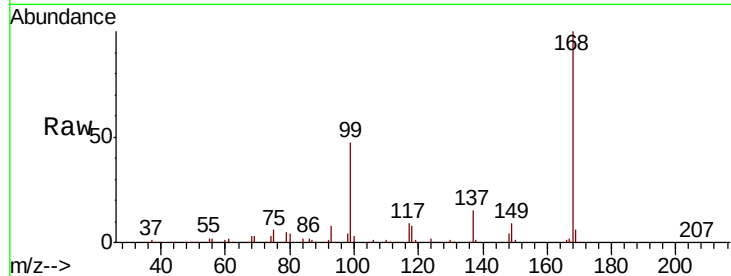




#36
 1,1-Dichloropropene
 Concen: 4.557 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006726.D
 Acq: 07 Nov 2018 10:13

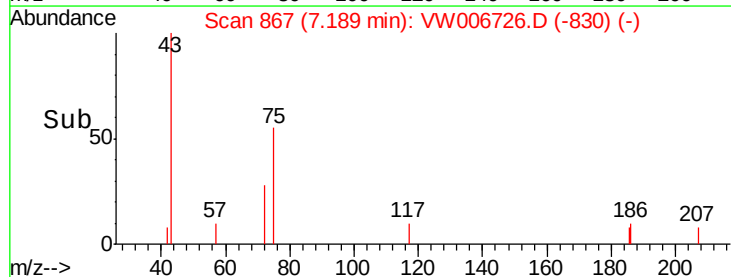
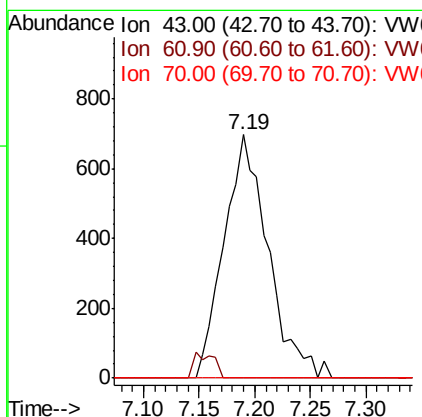
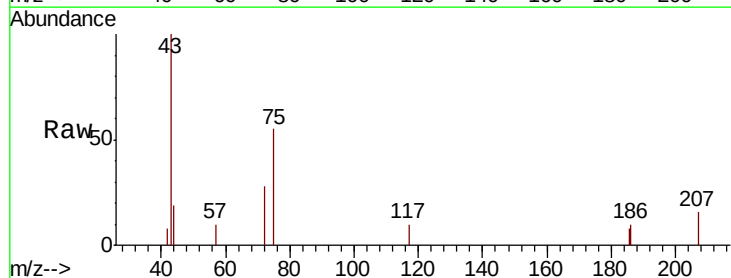
Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-B

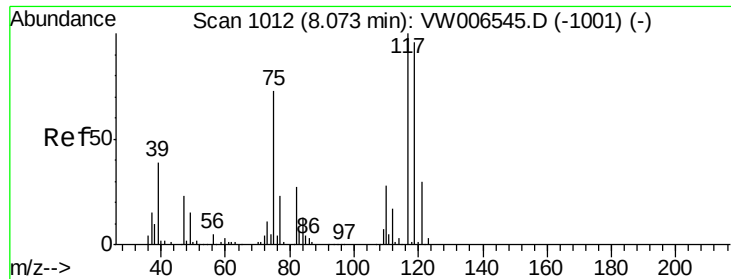
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.5	58.5#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 1.539 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. -0.07 min
 Lab File: VW006726.D
 Acq: 07 Nov 2018 10:13

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

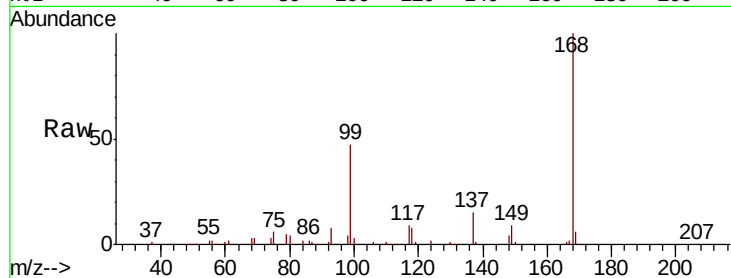




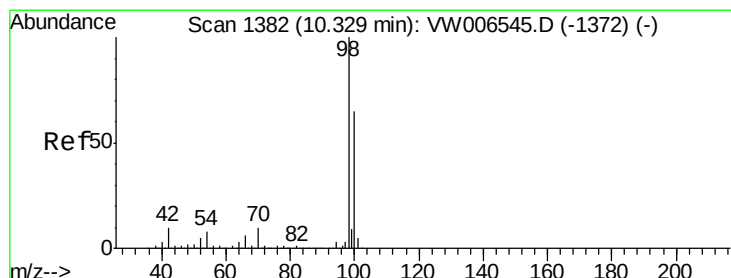
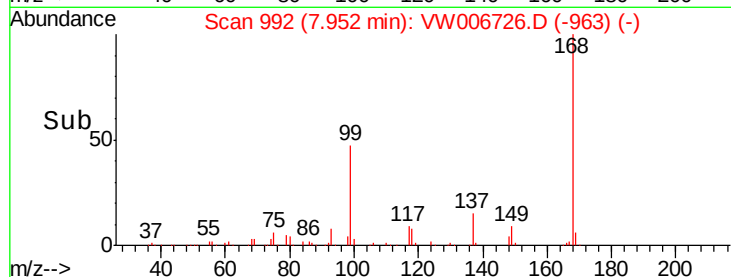
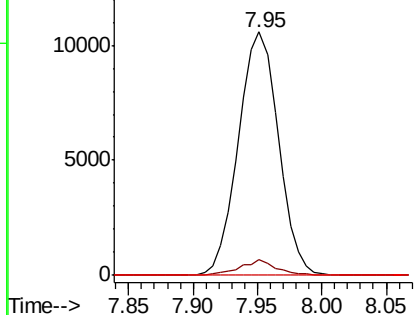
#38
Carbon Tetrachloride
Concen: 6.080 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006726.D
Acq: 07 Nov 2018 10:13

Instrument :
MSVOA_W
ClientSampled :
TP4-B

Tot Ion:117 Resp: 22855
Ion Ratio Lower Upper
117 100
119 6.3 76.3 114.5#
121 0.0 24.1 36.1#

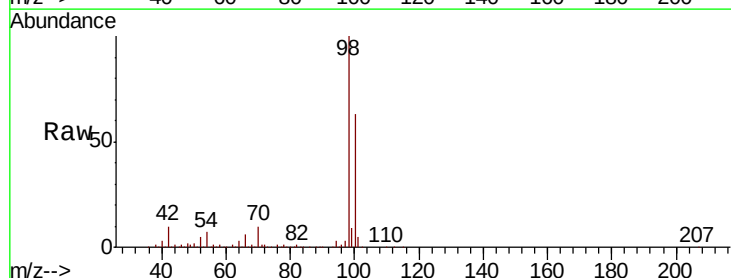


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

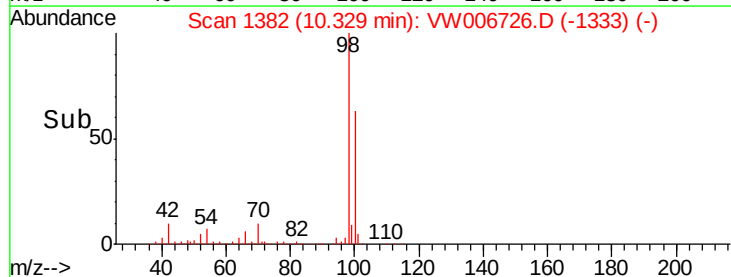
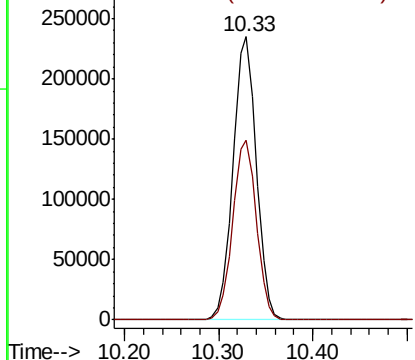


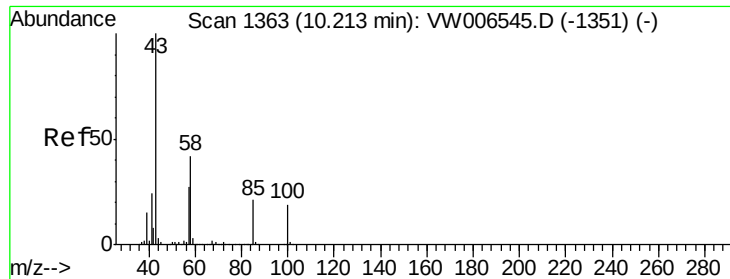
#50
Toluene-d8
Concen: 41.233 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006726.D
Acq: 07 Nov 2018 10:13

Tgt Ion: 98 Resp: 402953
Ion Ratio Lower Upper
98 100
100 64.3 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: 1.151 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006726.D

Acq: 07 Nov 2018 10:13

Instrument :

MSVOA_W

ClientSampleId :

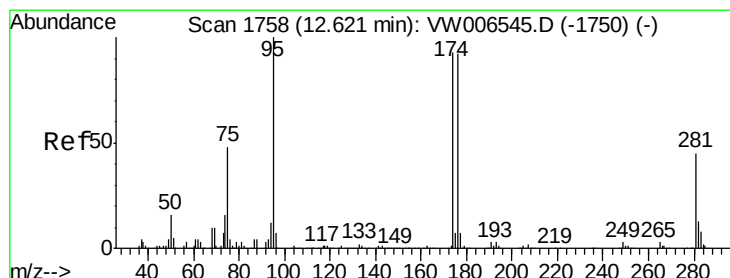
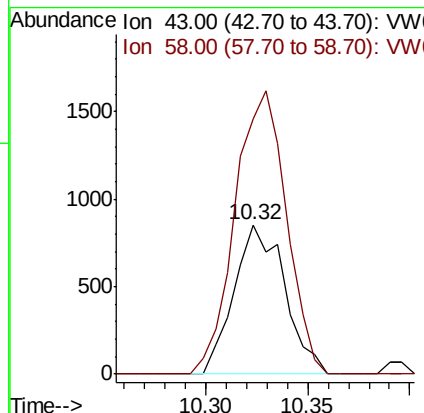
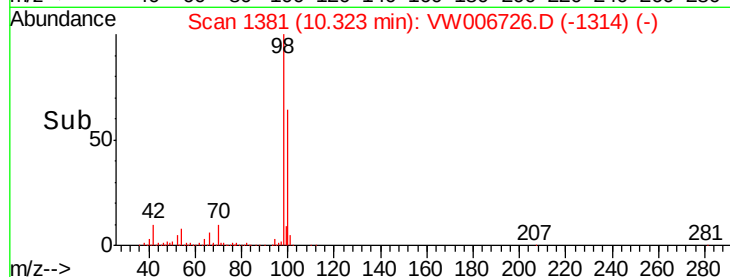
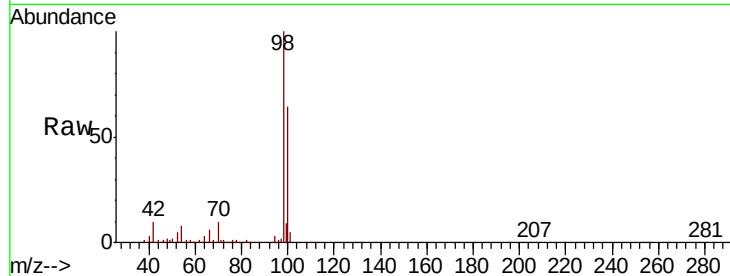
TP4-B

Tot Ion: 43 Resp: 1471

Ion Ratio Lower Upper

43 100

58 192.4 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 38.078 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006726.D

Acq: 07 Nov 2018 10:13

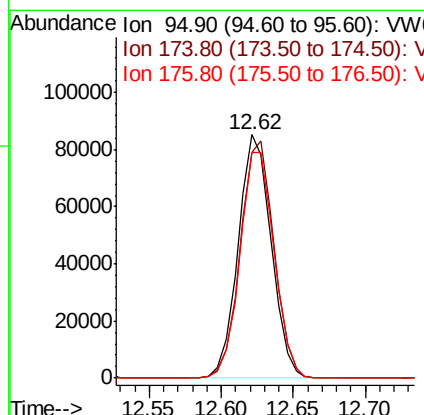
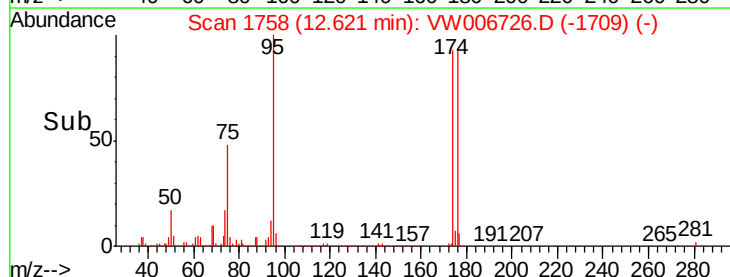
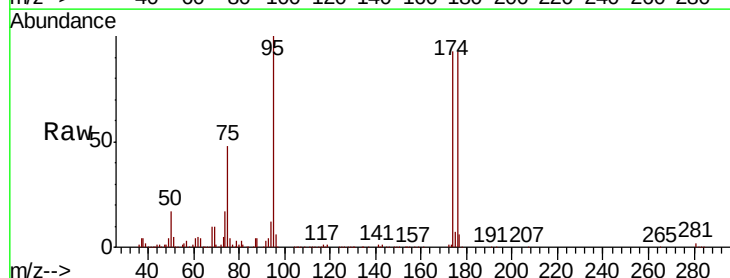
Tgt Ion: 95 Resp: 134908

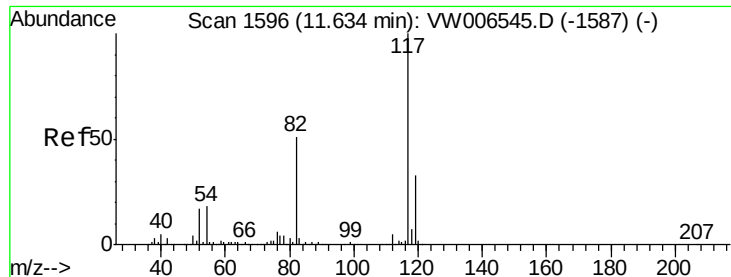
Ion Ratio Lower Upper

95 100

174 99.6 0.0 192.4

176 96.6 0.0 187.4

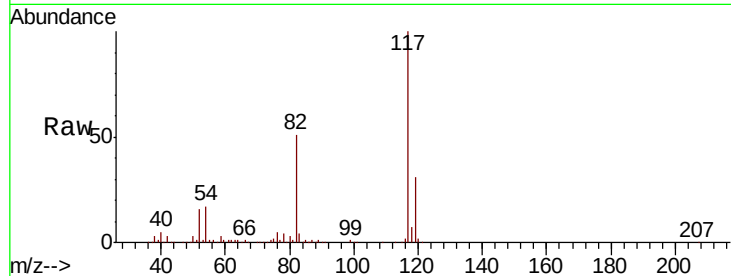




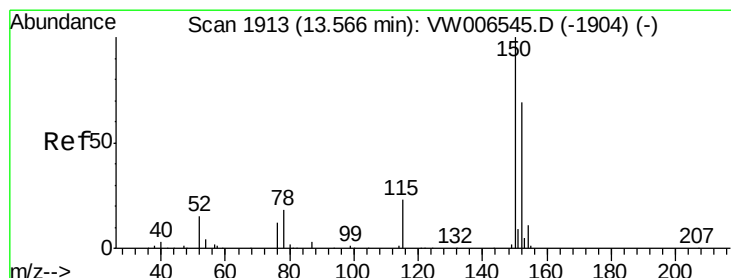
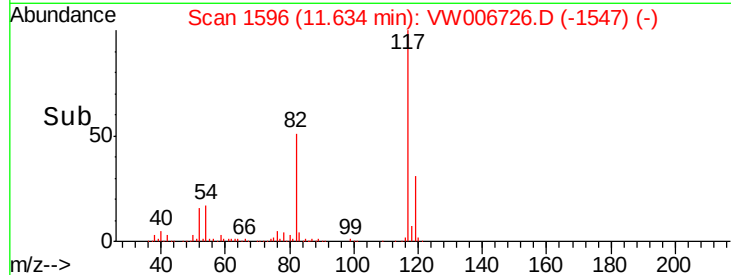
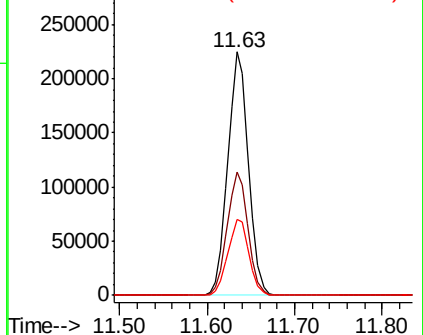
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006726.D
Acq: 07 Nov 2018 10:13

Instrument :
MSVOA_W
ClientSampleId :
TP4-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.8	61.2
119	31.3	26.1	39.1

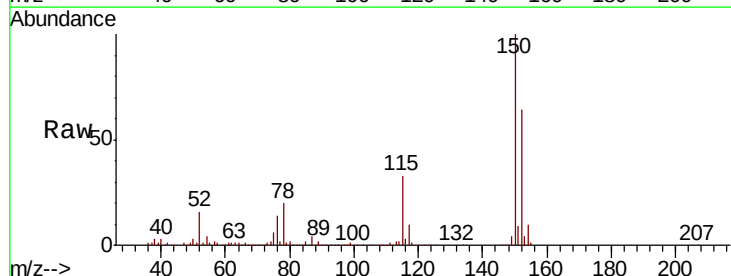


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

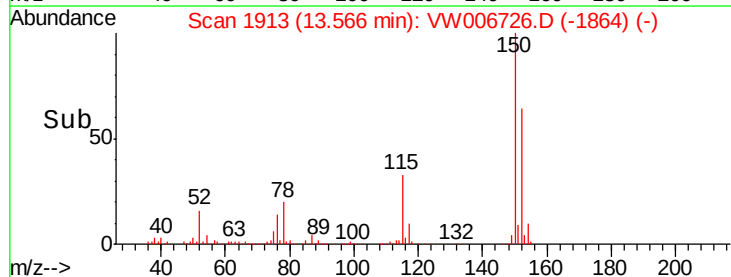
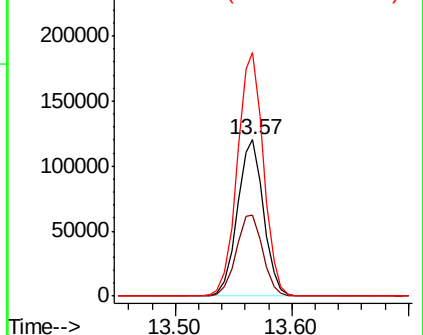


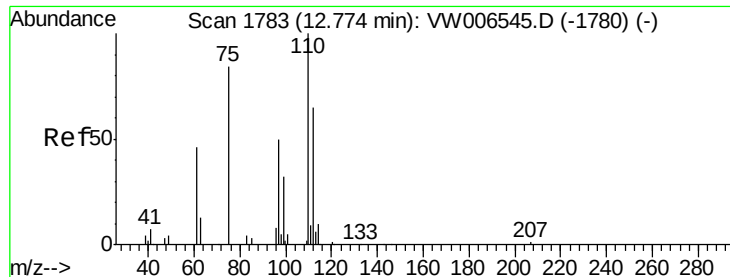
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006726.D
Acq: 07 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.6	79.8
150	156.3	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: 45.709 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006726.D

Acq: 07 Nov 2018 10:13

Instrument :

MSVOA_W

ClientSampleId :

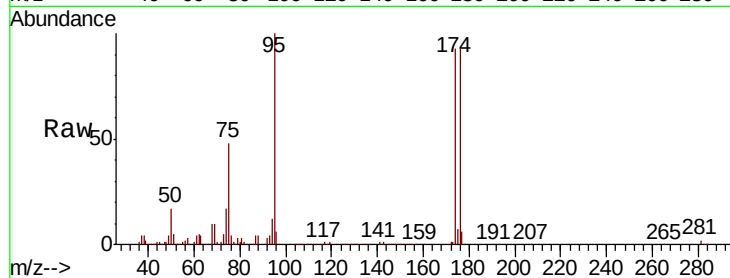
TP4-B

Tot Ion: 75 Resp: 66579

Ion Ratio Lower Upper

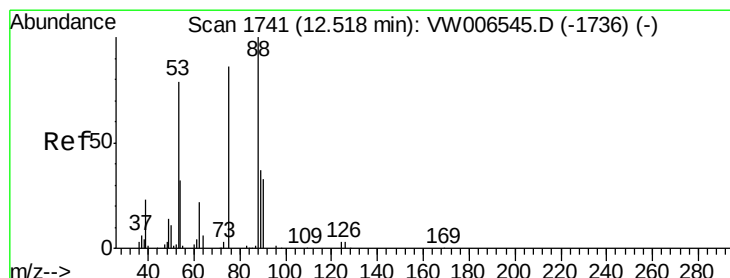
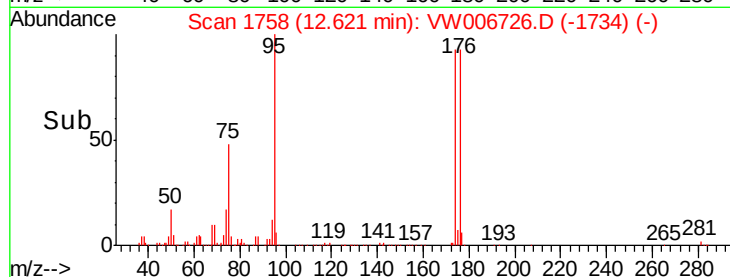
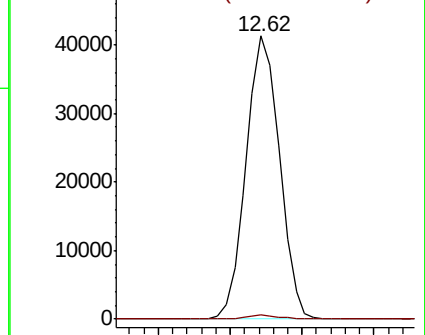
75 100

77 1.2 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: 114.734 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006726.D

Acq: 07 Nov 2018 10:13

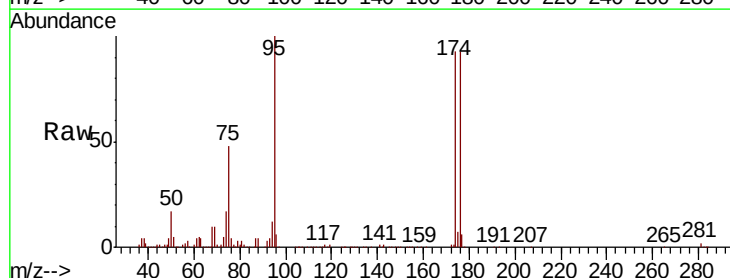
Tgt Ion: 75 Resp: 66579

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

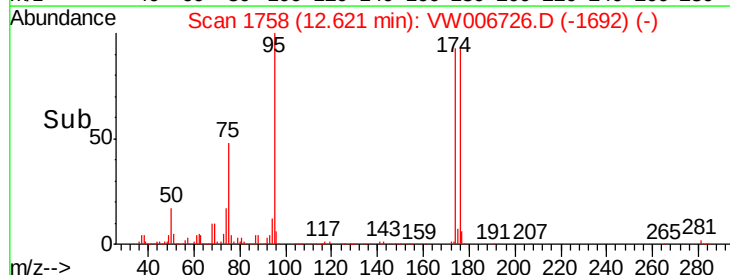
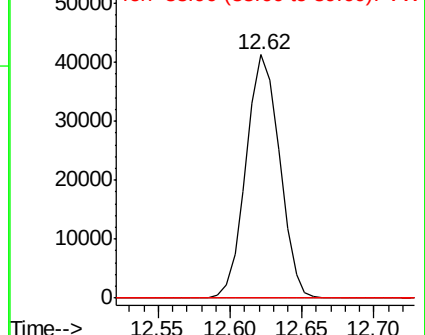
89 0.0 38.6 58.0#

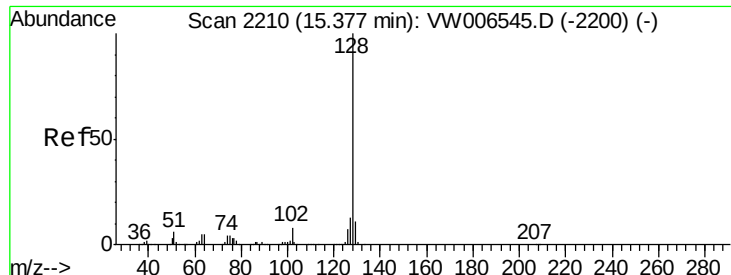


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

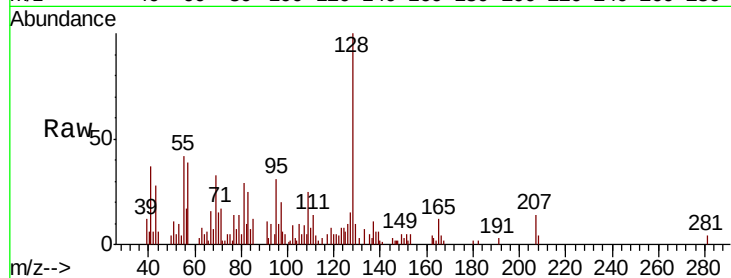




#95
Naphthalene
Concen: 1.075 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006726.D
Acq: 07 Nov 2018 10:13

Instrument :
MSVOA_W
ClientSampleId :
TP4-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	23.4	10.3	15.5#
129	15.5	8.7	13.1#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

