

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006699.D
 Acq On : 06 Nov 2018 20:52
 Operator : SY/AP
 Sample : J5812-29
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-B

Quant Time: Nov 07 11:29:29 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	204291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109884	62.57	ug/l	0.00
Spiked Amount						
				Recovery	=	125.14%
35) Dibromofluoromethane	7.88	113	110220	50.43	ug/l	0.00
Spiked Amount						
				Recovery	=	100.86%
50) Toluene-d8	10.33	98	385630	46.35	ug/l	0.00
Spiked Amount						
				Recovery	=	92.70%
62) 4-Bromofluorobenzene	12.62	95	142924	47.38	ug/l	0.00
Spiked Amount						
				Recovery	=	94.76%

Target Compounds

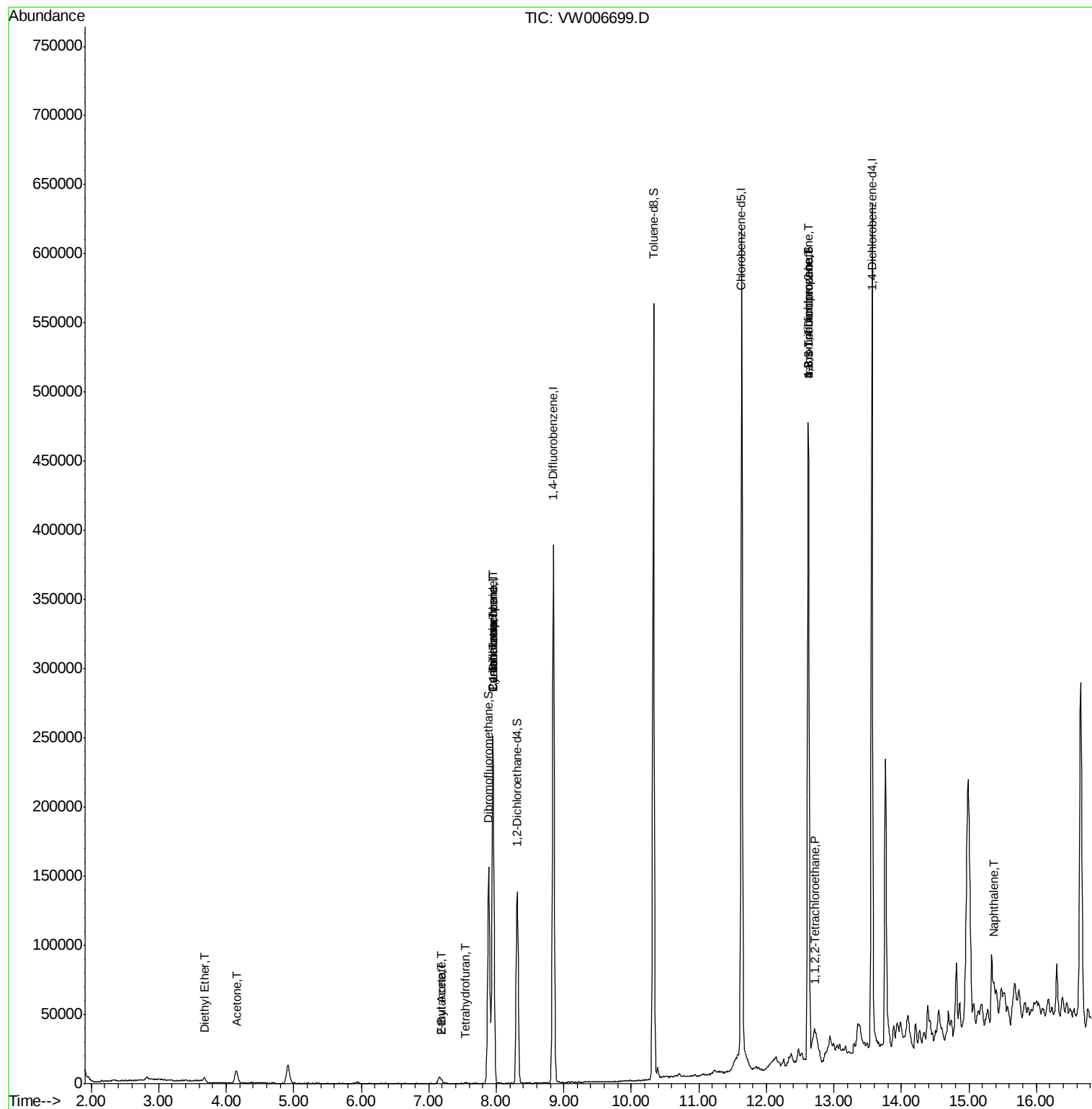
					Qvalue	
8) Diethyl Ether	3.68	74	1843	2.087	ug/l	88
16) Acetone	4.15	43	18263	64.416	ug/l	97
25) 2-Butanone	7.19	43	2770	6.847	ug/l #	81
29) Tetrahydrofuran	7.56	42	327	1.285	ug/l #	53
31) Cyclohexane	7.95	56	3483	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12485	4.077	ug/l #	48
37) Ethyl Acetate	7.19	43	2770	2.610	ug/l #	66
38) Carbon Tetrachloride	7.95	117	17734	5.542	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	12.71	83	6085	3.330	ug/l #	33
76) 1,2,3-Trichloropropane	12.62	75	69656	50.840	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69656	127.315	ug/l #	11
95) Naphthalene	15.38	128	14394	2.270	ug/l #	91

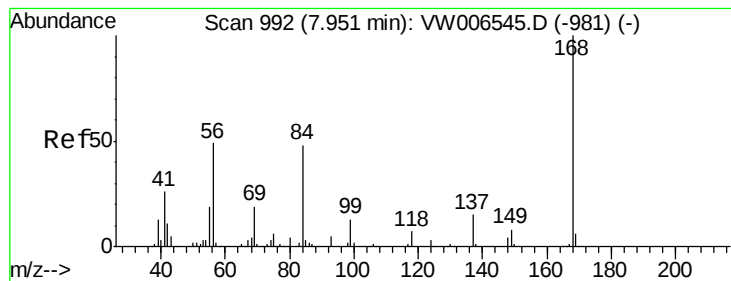
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 11:29:29 2018
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006699.D

Acq: 06 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

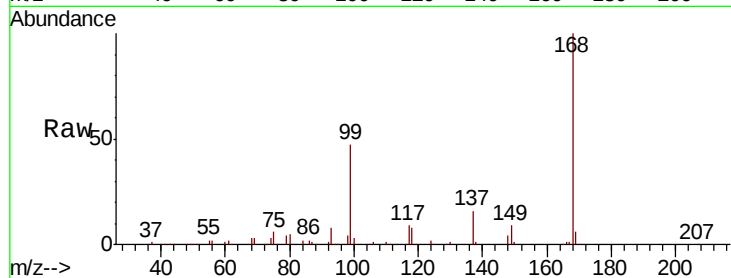
TP4-B

Tot Ion:168 Resp: 204291

Ion Ratio Lower Upper

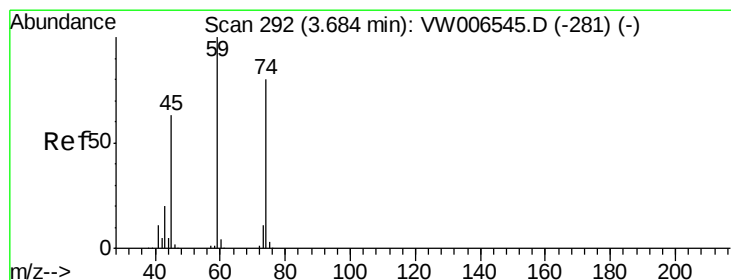
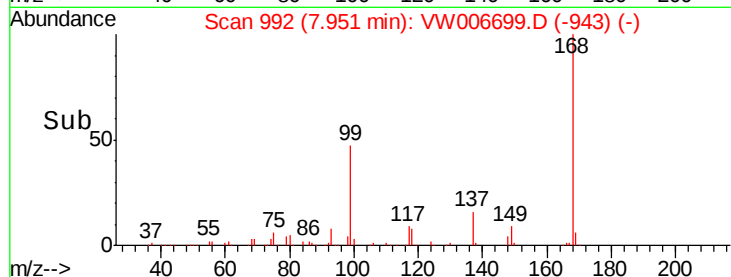
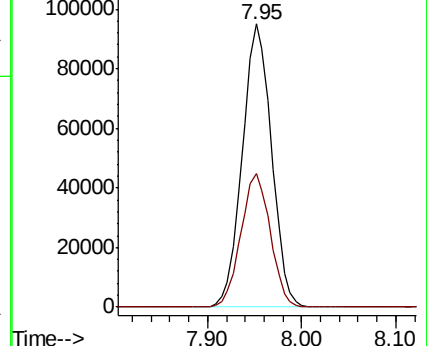
168 100

99 47.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.087 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006699.D

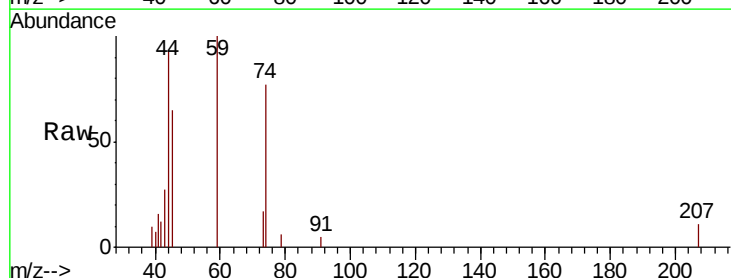
Acq: 06 Nov 2018 20:52

Tgt Ion: 74 Resp: 1843

Ion Ratio Lower Upper

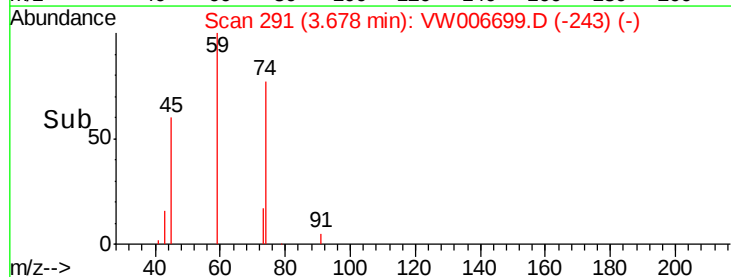
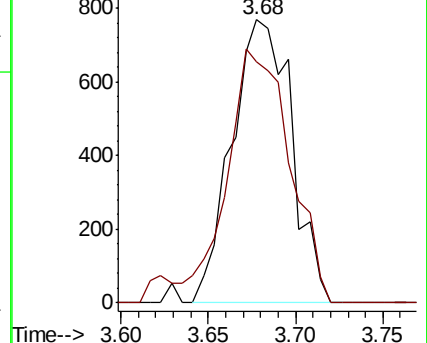
74 100

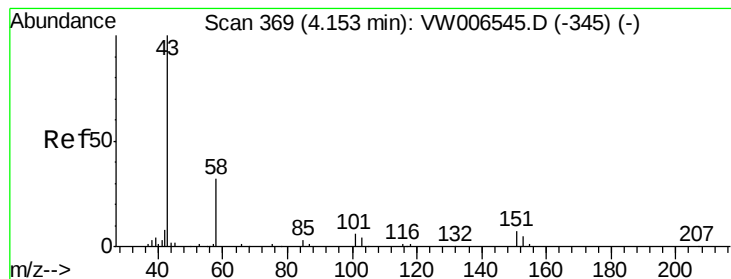
45 93.2 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 64.416 ug/l

RT: 4.15 min Scan# 369

Delta R.T. -0.00 min

Lab File: VW006699.D

Acq: 06 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

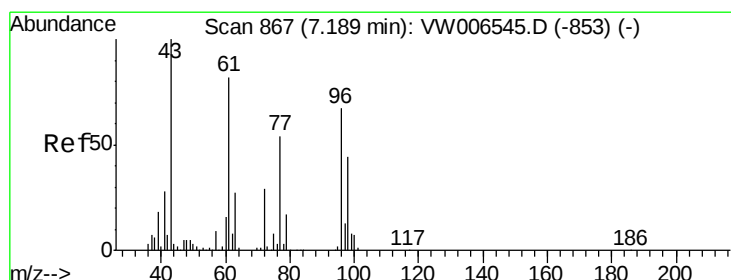
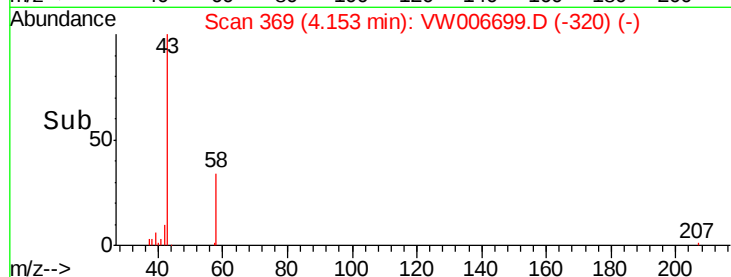
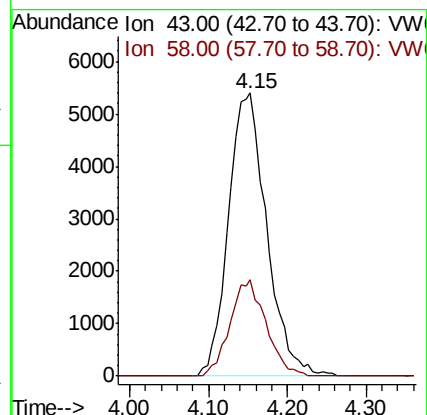
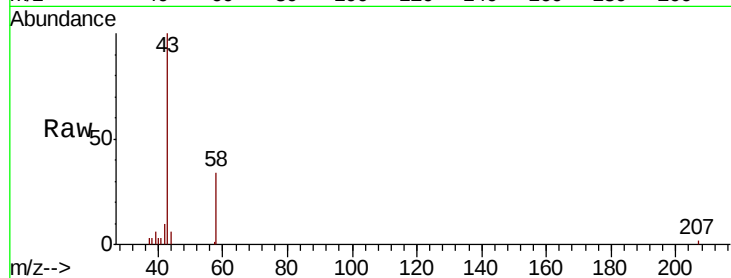
TP4-B

Tot Ion: 43 Resp: 18263

Ion Ratio Lower Upper

43 100

58 33.9 25.8 38.8



#25

2-Butanone

Concen: 6.847 ug/l

RT: 7.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: VW006699.D

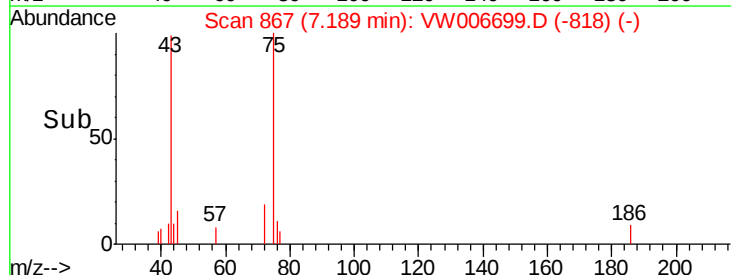
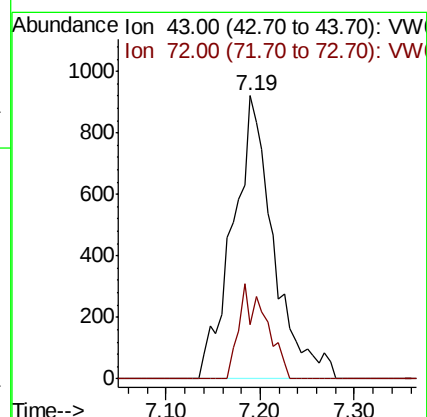
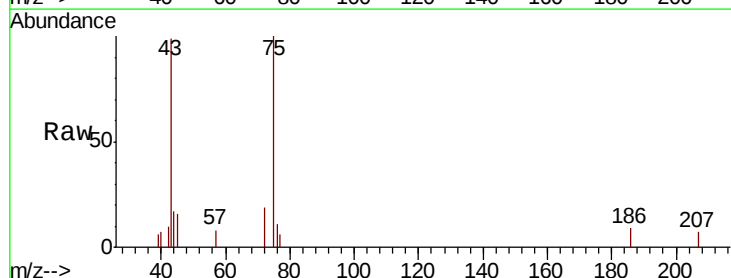
Acq: 06 Nov 2018 20:52

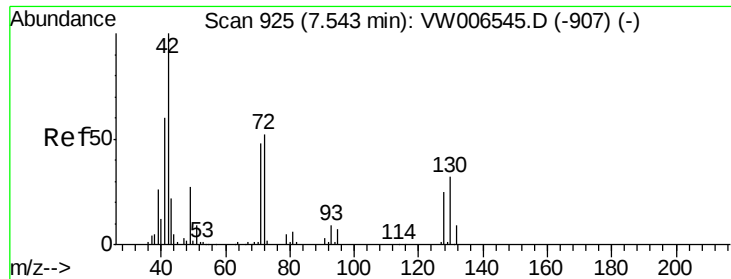
Tgt Ion: 43 Resp: 2770

Ion Ratio Lower Upper

43 100

72 19.0 23.2 34.8#

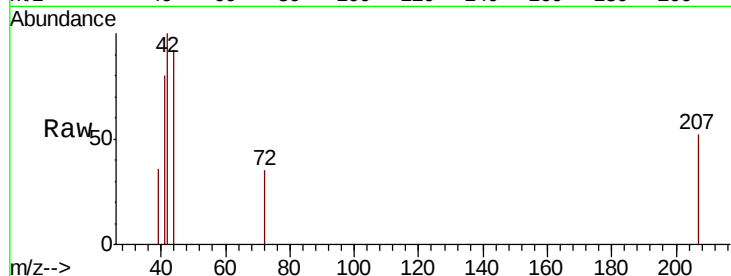




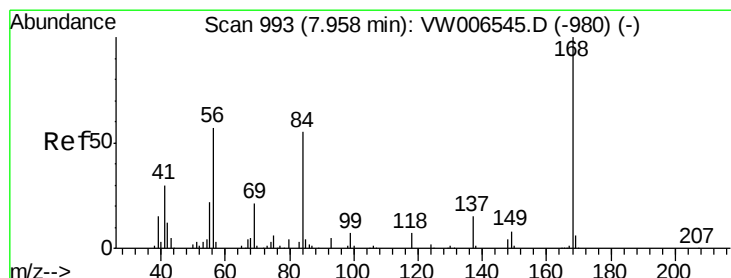
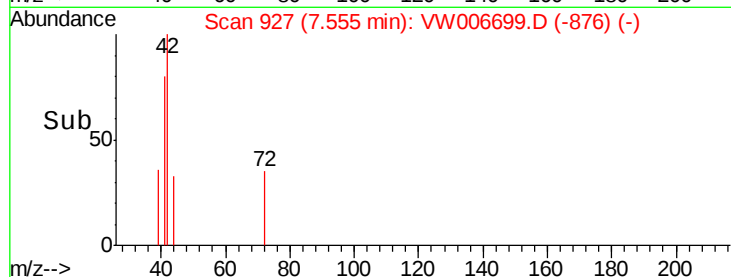
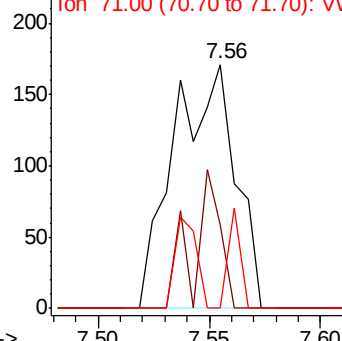
#29
Tetrahydrofuran
Concen: 1.285 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.01 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
TP4-B

Tot Ion: 42 Resp: 327
Ion Ratio Lower Upper
42 100
72 25.1 39.2 58.8#
71 8.0 37.6 56.4#

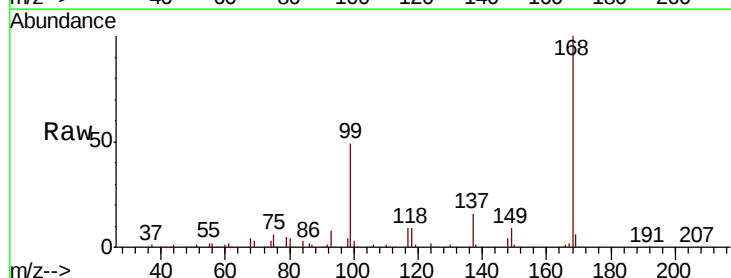


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

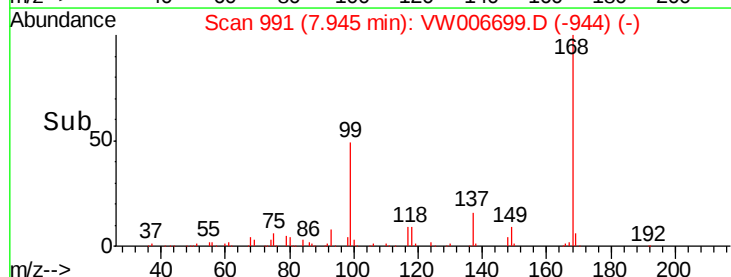
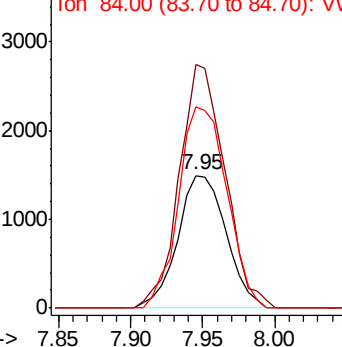


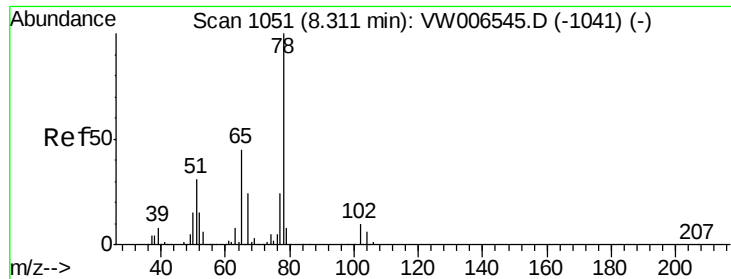
#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

Tgt Ion: 56 Resp: 3483
Ion Ratio Lower Upper
56 100
69 183.2 29.0 43.4#
84 151.9 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

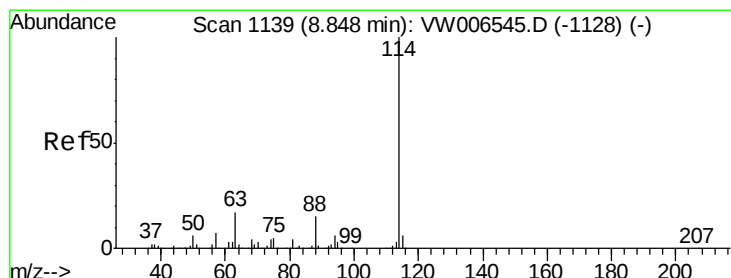
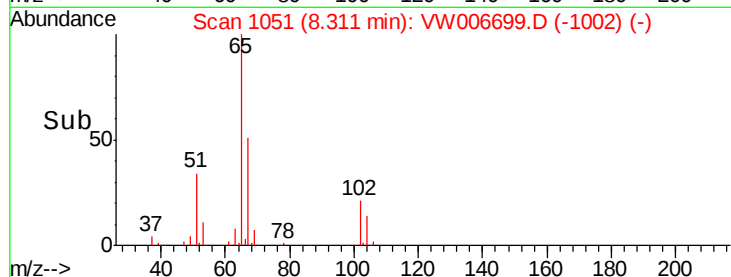
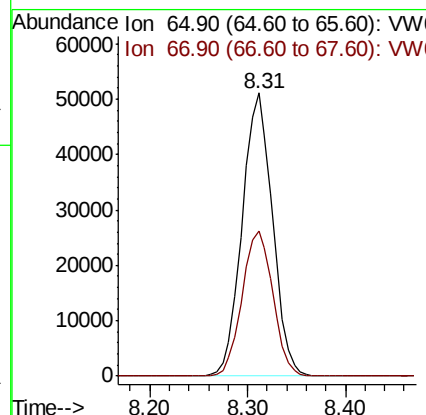
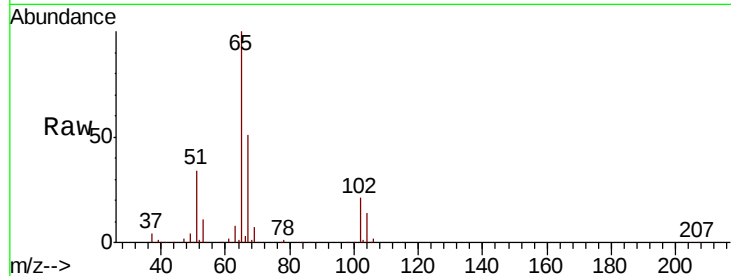




#33
 1,2-Dichloroethane-d4
 Concen: 62.574 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006699.D
 Acq: 06 Nov 2018 20:52

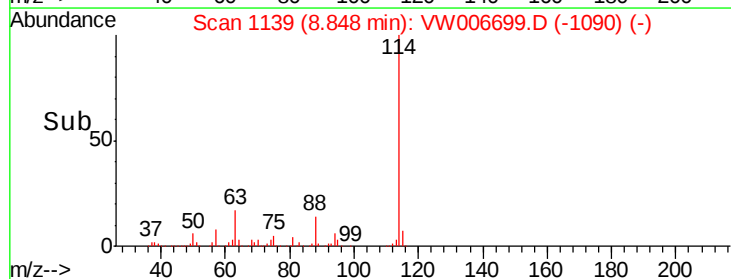
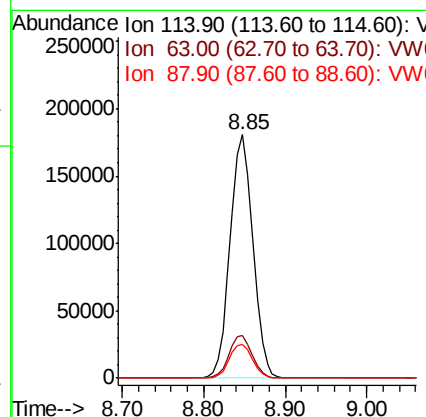
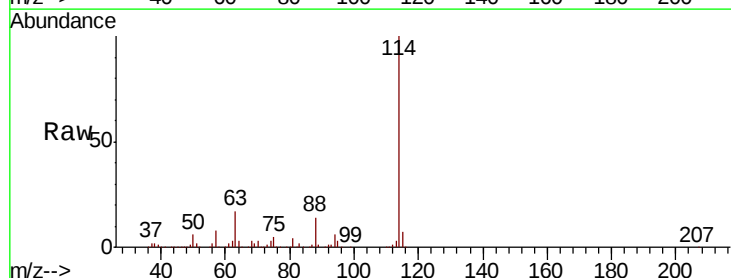
Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-B

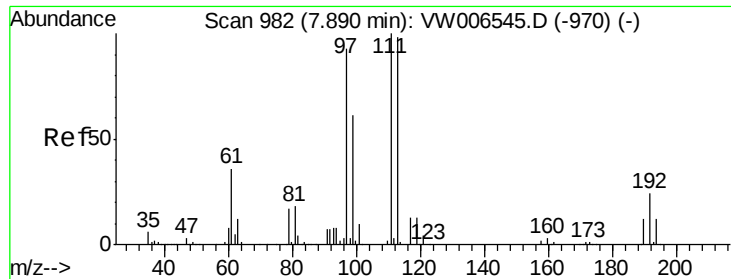
Tot Ion: 65 Resp: 109884
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006699.D
 Acq: 06 Nov 2018 20:52

Tgt Ion: 114 Resp: 348252
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.431 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006699.D

Acq: 06 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampled :

TP4-B

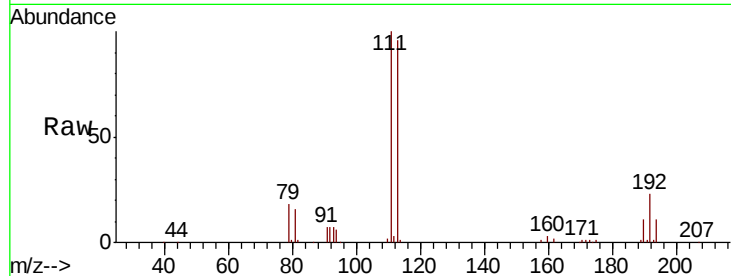
Tot Ion:113 Resp: 110220

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

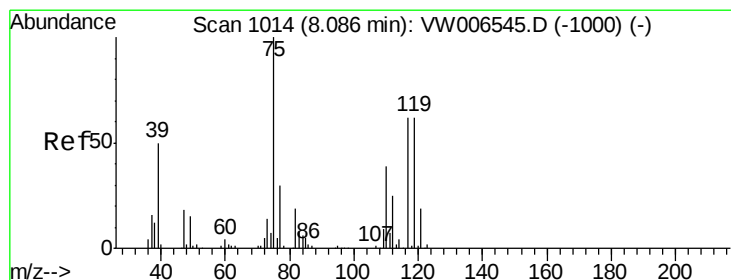
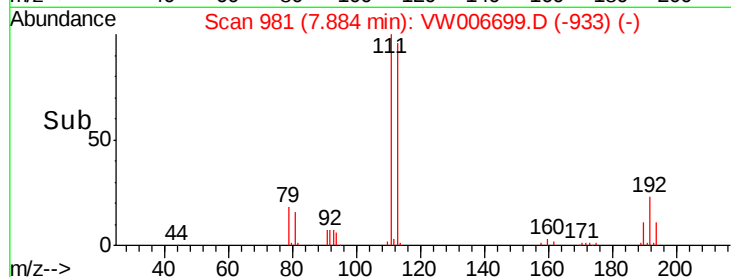
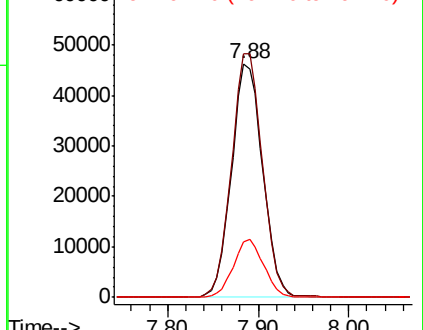
192 24.1 19.0 28.6



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: 4.077 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006699.D

Acq: 06 Nov 2018 20:52

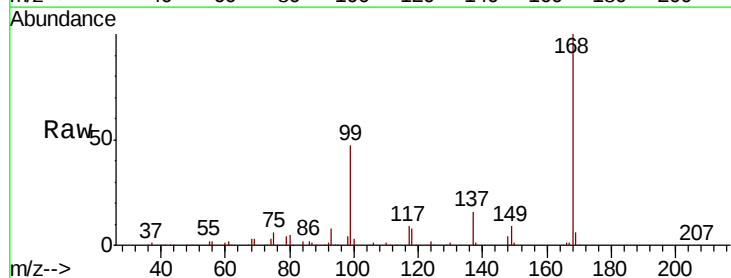
Tgt Ion: 75 Resp: 12485

Ion Ratio Lower Upper

75 100

110 9.6 19.5 58.5#

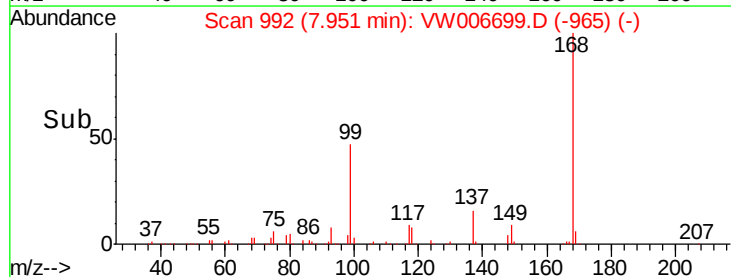
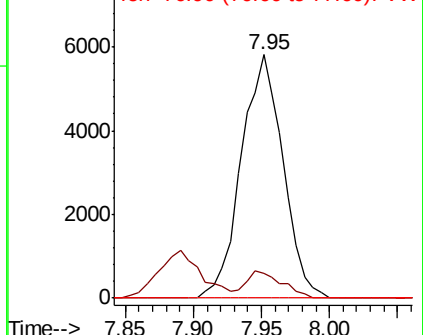
77 0.0 24.6 37.0#

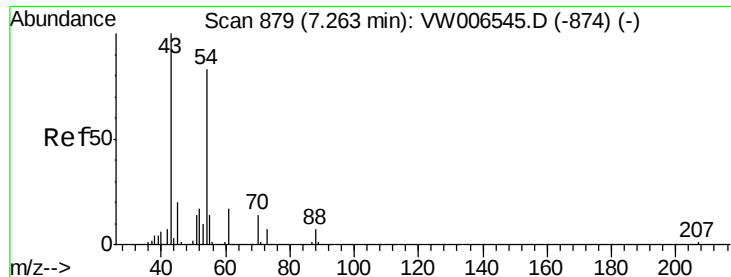


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

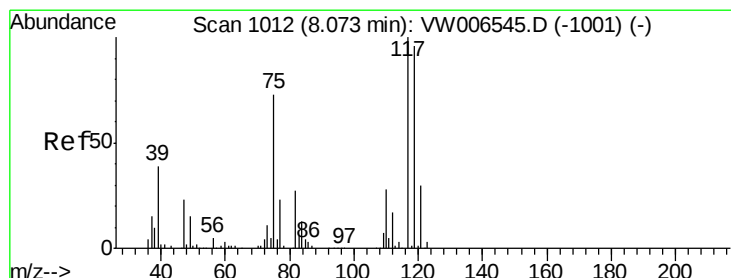
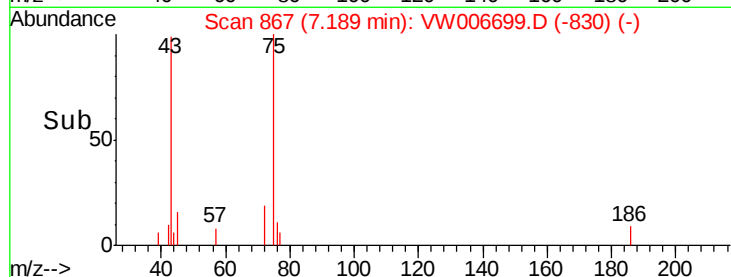
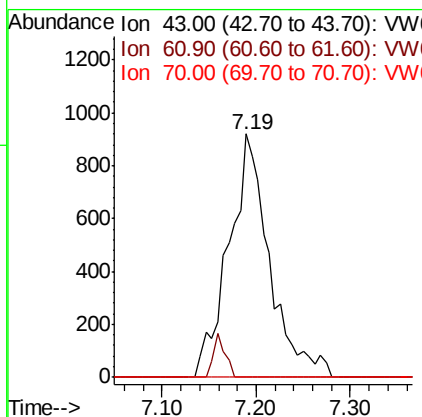
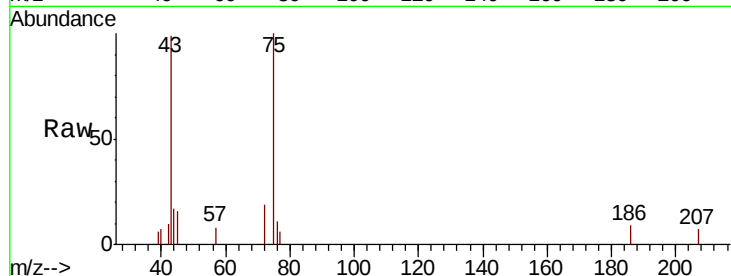




#37
Ethyl Acetate
Concen: 2.610 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

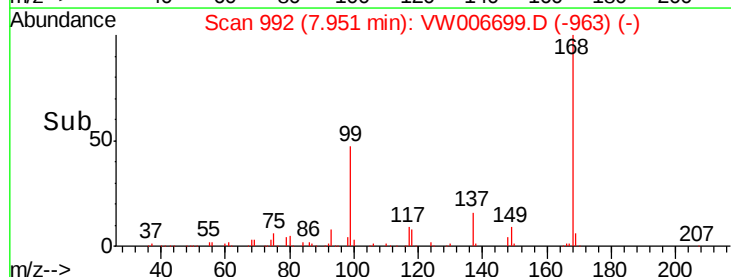
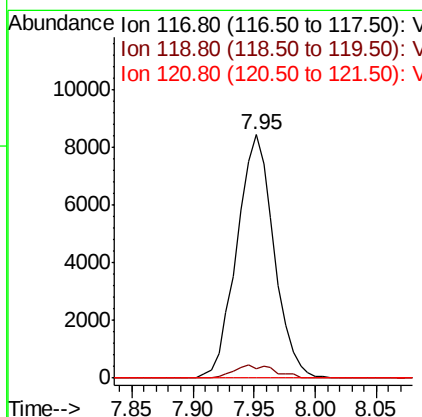
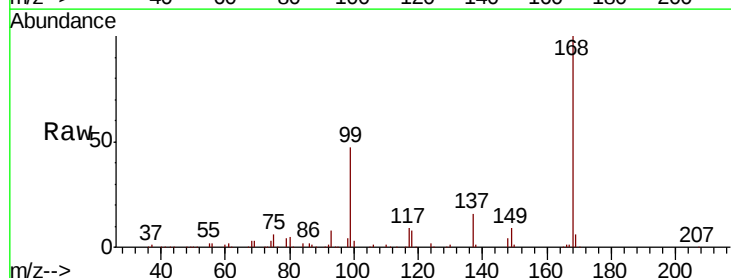
Instrument :
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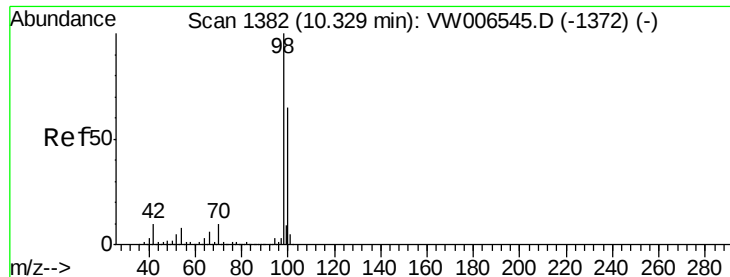
Tot Ion: 43 Resp: 2770
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 5.542 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

Tgt Ion: 117 Resp: 17734
Ion Ratio Lower Upper
117 100
119 3.9 76.3 114.5#
121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 46.350 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006699.D

Acq: 06 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

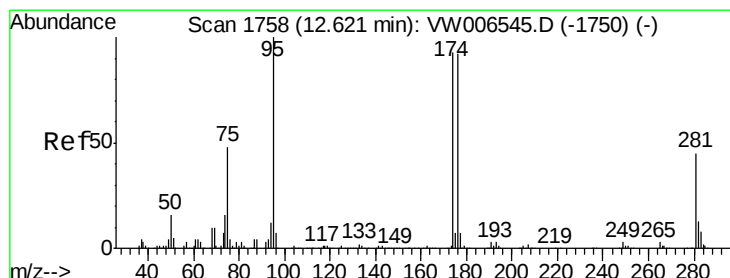
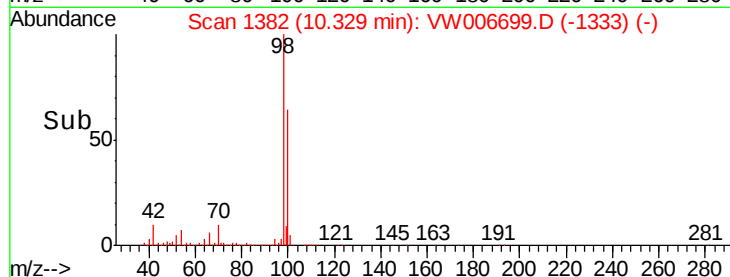
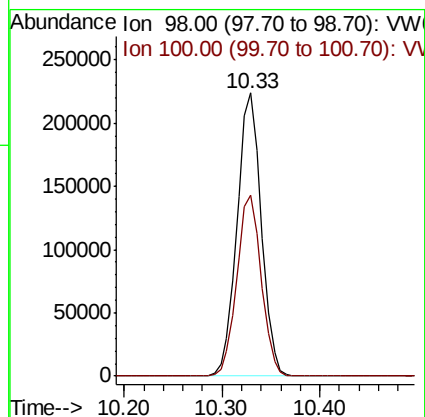
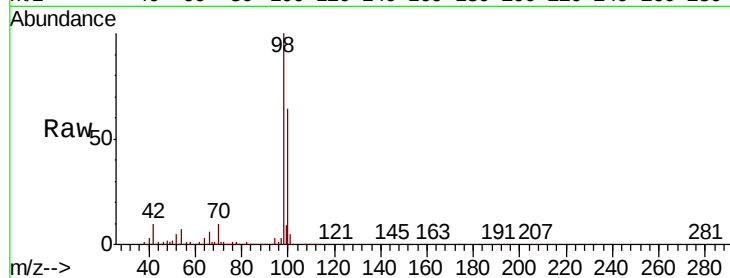
TP4-B

Tot Ion: 98 Resp: 385630

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.383 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006699.D

Acq: 06 Nov 2018 20:52

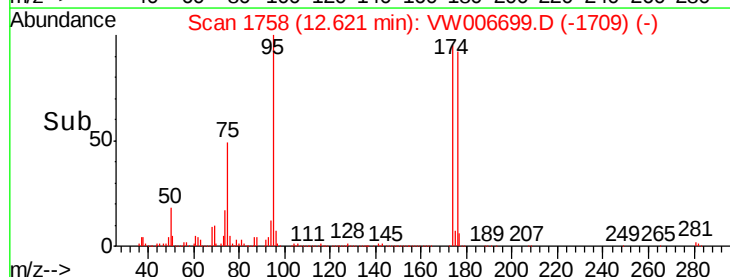
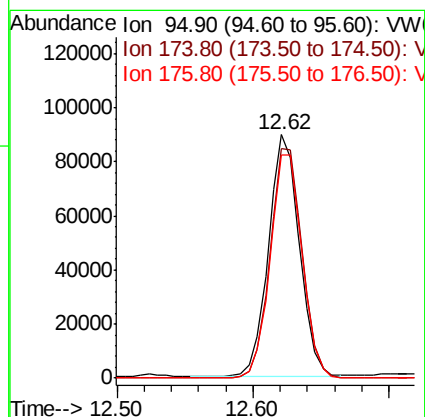
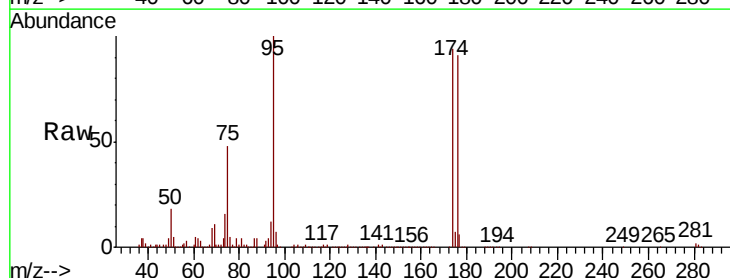
Tgt Ion: 95 Resp: 142924

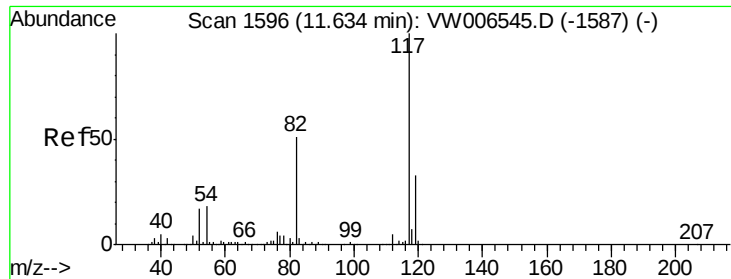
Ion Ratio Lower Upper

95 100

174 97.6 0.0 192.4

176 95.1 0.0 187.4

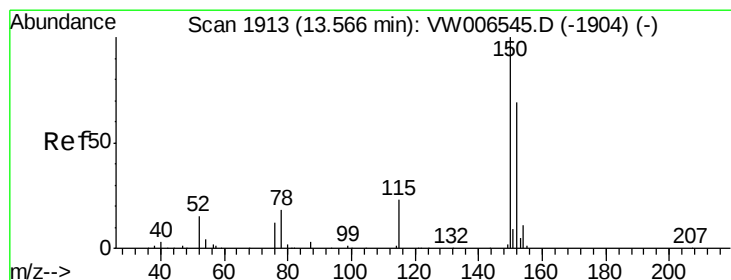
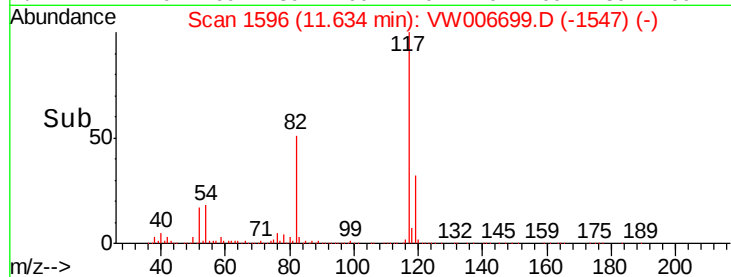
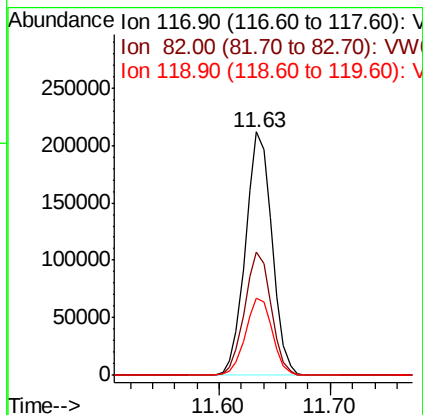
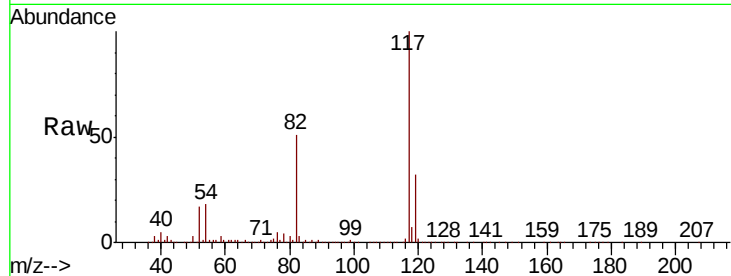




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

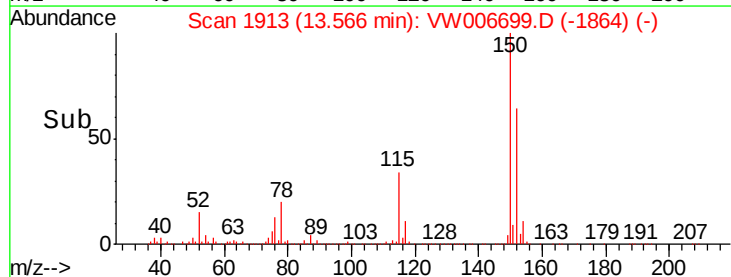
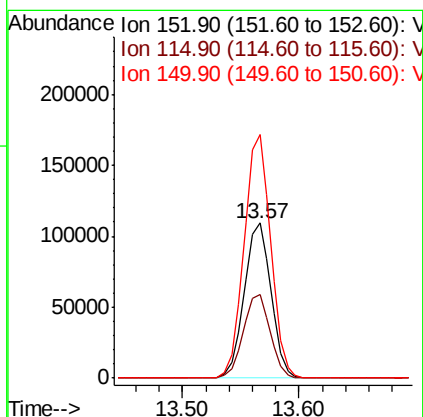
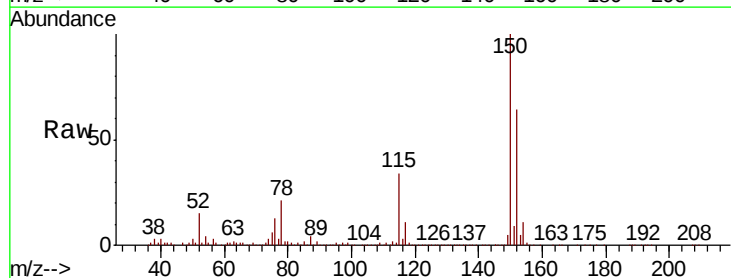
Instrument :
MSVOA_W
ClientSampled :
TP4-B

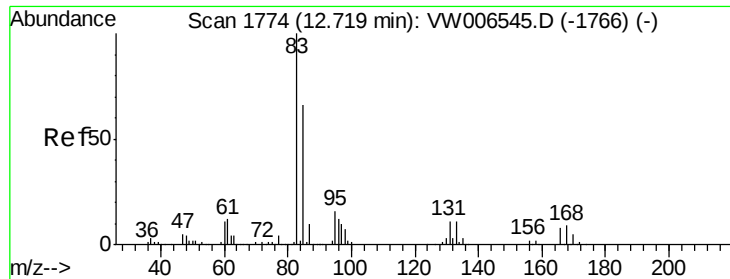
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.8	61.2
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.6	79.8
150	156.3	0.0	344.6





#75

1,1,2,2-Tetrachloroethane

Concen: 3.330 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW006699.D

Acq: 06 Nov 2018 20:52

Instrument :

MSVOA_W

ClientSampled :

TP4-B

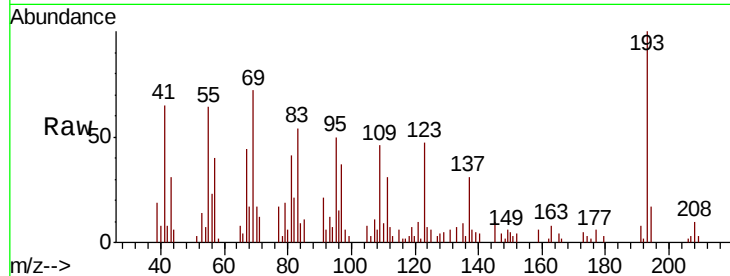
Tot Ion: 83 Resp: 6085

Ion Ratio Lower Upper

83 100

131 1.4 5.9 17.7#

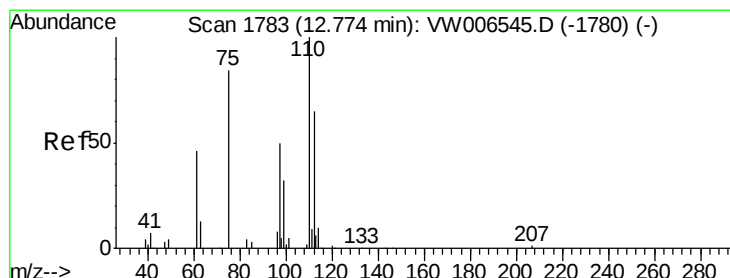
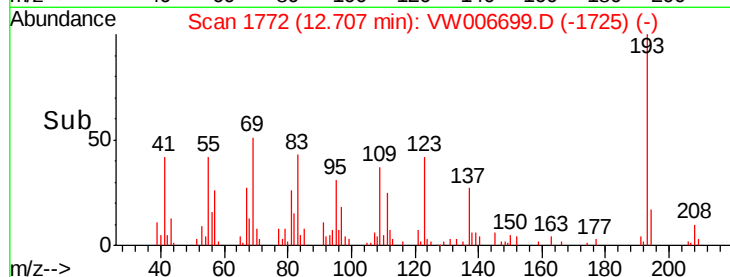
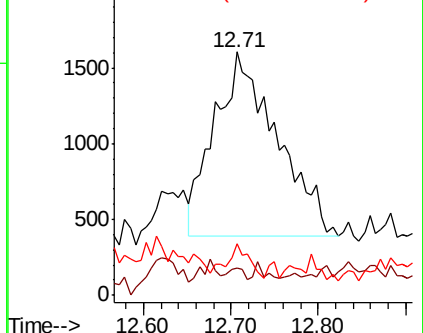
85 6.3 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 50.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006699.D

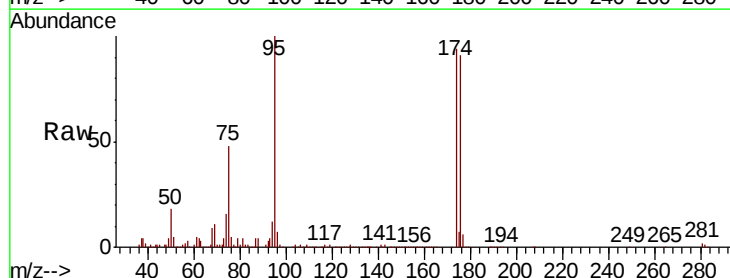
Acq: 06 Nov 2018 20:52

Tgt Ion: 75 Resp: 69656

Ion Ratio Lower Upper

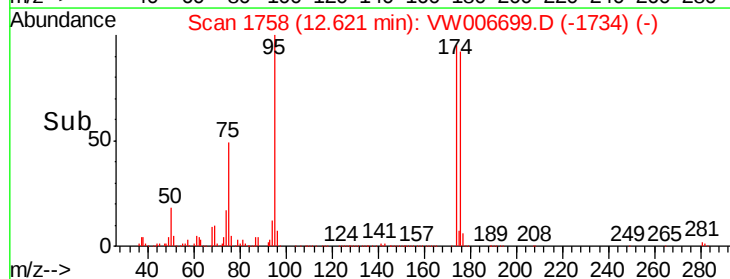
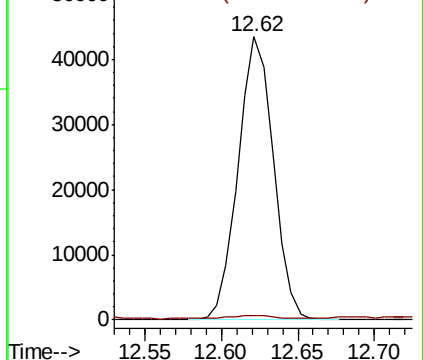
75 100

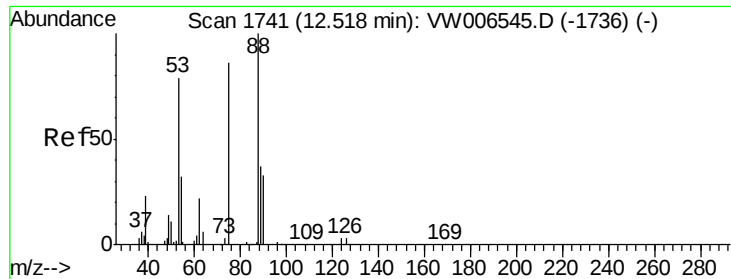
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

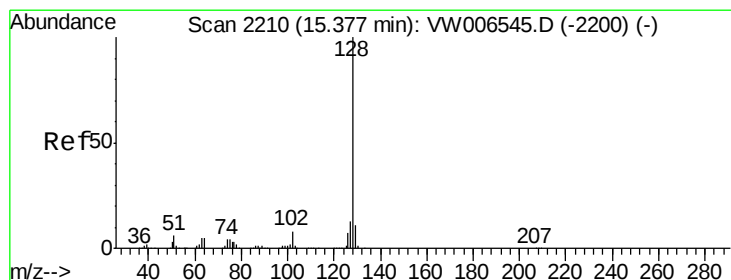
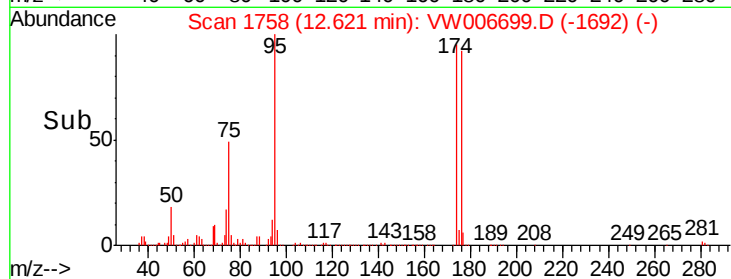
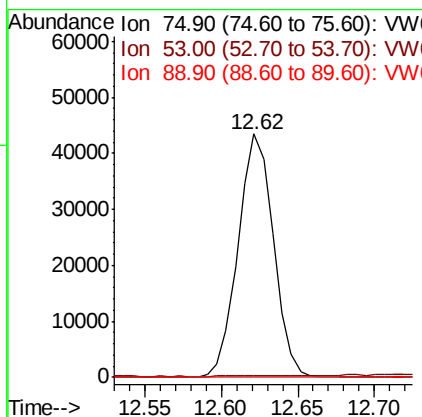
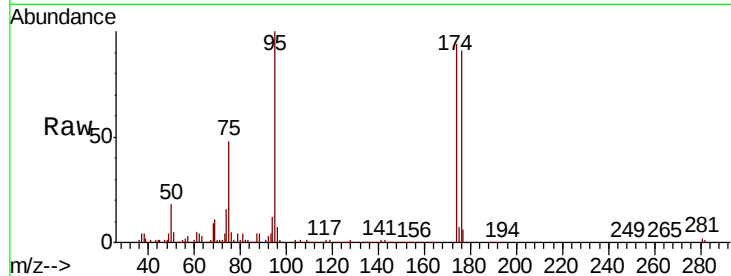




#81
trans-1,4-Dichloro-2-butene
Concen: 127.315 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
TP4-B

Tot Ion: 75 Resp: 69656
Ion Ratio Lower Upper
75 100
53 0.4 77.2 115.8#
89 0.1 38.6 58.0#



#95
Naphthalene
Concen: 2.270 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006699.D
Acq: 06 Nov 2018 20:52

Tgt Ion: 128 Resp: 14394
Ion Ratio Lower Upper
128 100
127 19.1 10.3 15.5#
129 11.5 8.7 13.1

