

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006697.D
 Acq On : 06 Nov 2018 20:00
 Operator : SY/AP
 Sample : J5812-21
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP3-B

Quant Time: Nov 07 11:29:08 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	255875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	406504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119381	54.28	ug/l	0.00
Spiked Amount						
			Recovery	=	108.56%	
35) Dibromofluoromethane	7.89	113	124669	48.87	ug/l	0.00
Spiked Amount						
			Recovery	=	97.74%	
50) Toluene-d8	10.33	98	457302	47.09	ug/l	0.00
Spiked Amount						
			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.62	95	150252	42.67	ug/l	0.00
Spiked Amount						
			Recovery	=	85.34%	

Target Compounds

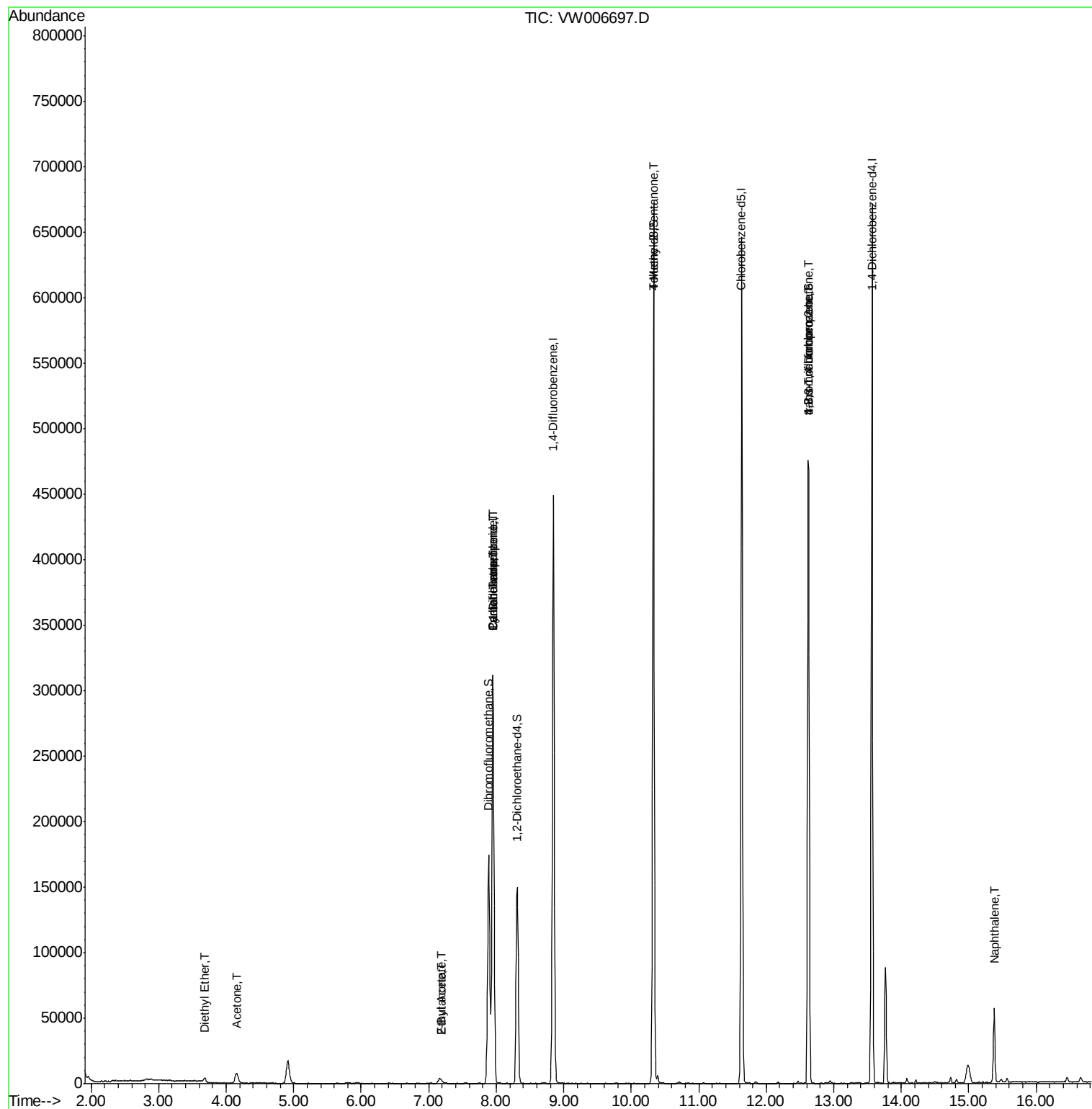
					Qvalue	
8) Diethyl Ether	3.68	74	2159	1.952	ug/l	69
16) Acetone	4.15	43	17384	48.954	ug/l	92
25) 2-Butanone	7.19	43	2359	4.655	ug/l #	82
31) Cyclohexane	7.95	56	4226	1.206	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	15872	4.440	ug/l #	49
37) Ethyl Acetate	7.19	43	2359	1.904	ug/l #	66
38) Carbon Tetrachloride	7.95	117	22047	5.902	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1769	1.393	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	74321	49.955	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74321	125.146	ug/l #	11
95) Naphthalene	15.38	128	50670	7.359	ug/l	99

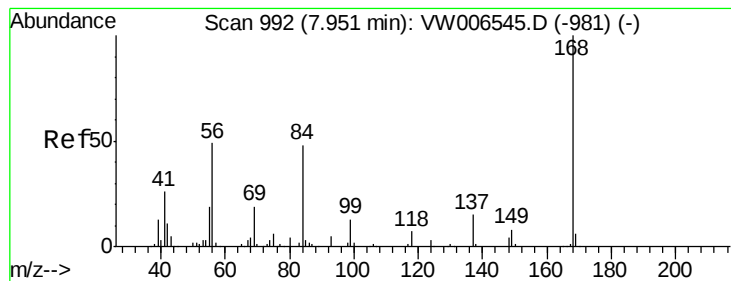
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006697.D
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Operator : SY/AP
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Misc : 5.85G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP3-B

Quant Time: Nov 07 11:29:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
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: VW006697.D

Acq: 06 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

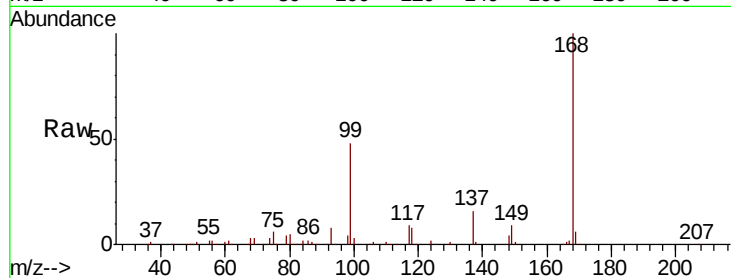
TP3-B

Tot Ion:168 Resp: 255875

Ion Ratio Lower Upper

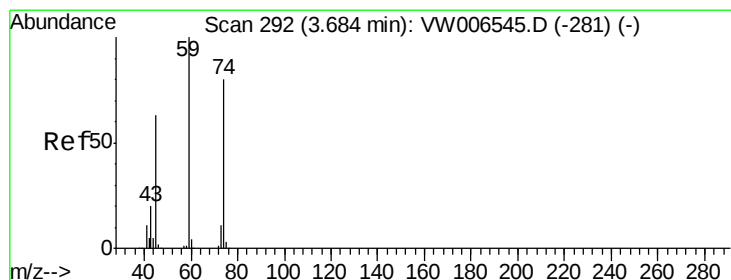
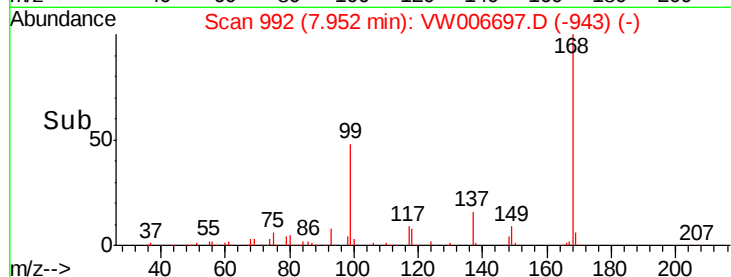
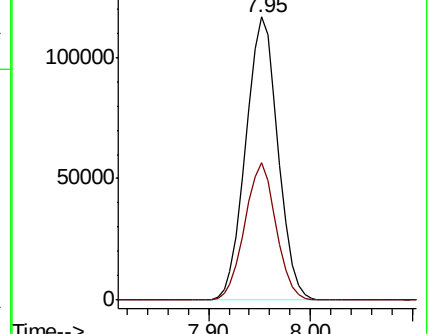
168 100

99 48.4 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: 1.952 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006697.D

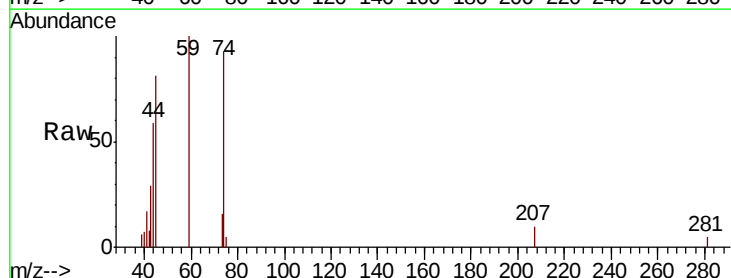
Acq: 06 Nov 2018 20:00

Tgt Ion: 74 Resp: 2159

Ion Ratio Lower Upper

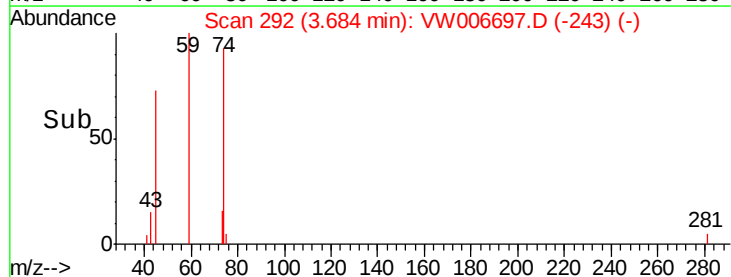
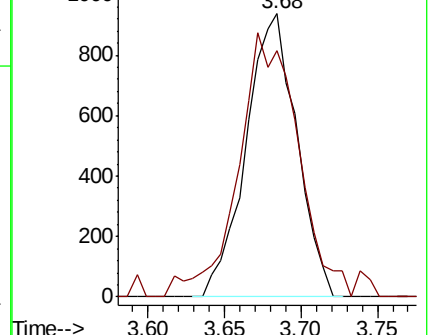
74 100

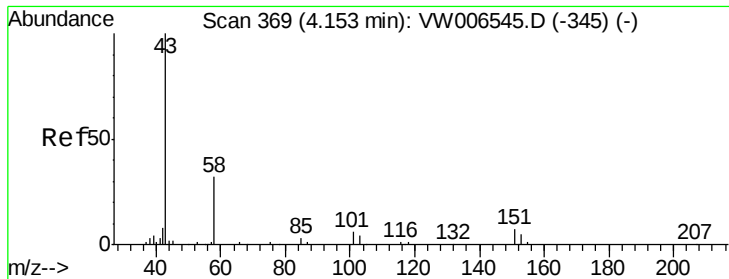
45 110.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

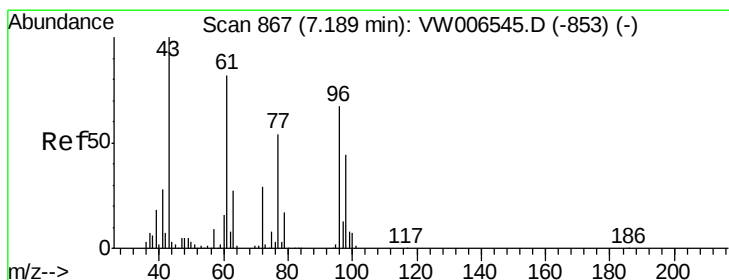
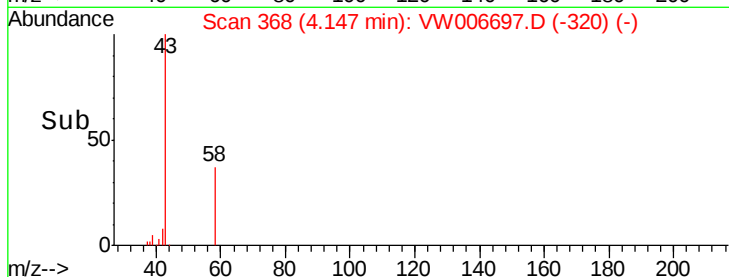
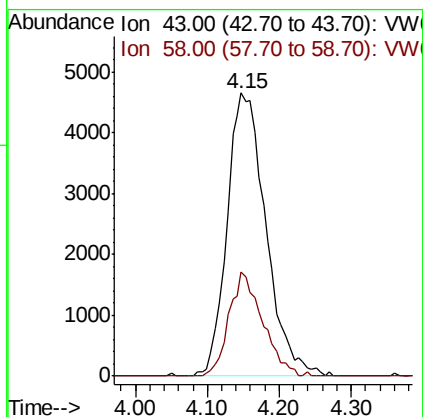
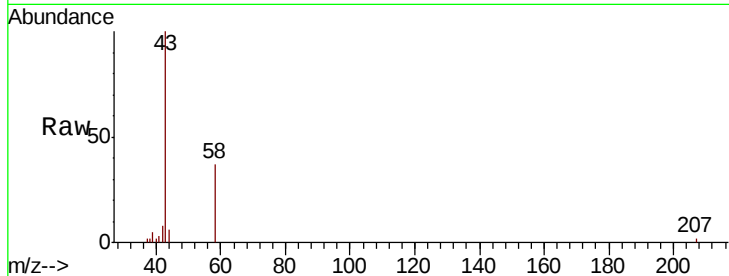




#16
Acetone
Concen: 48.954 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006697.D
Acq: 06 Nov 2018 20:00

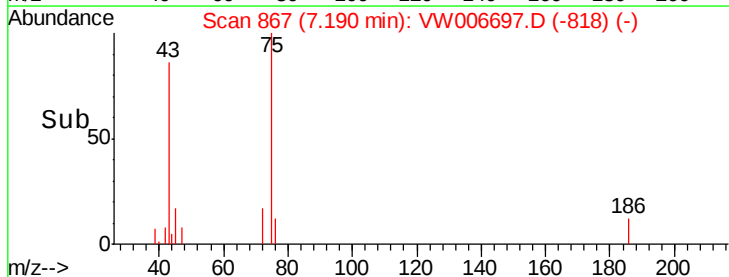
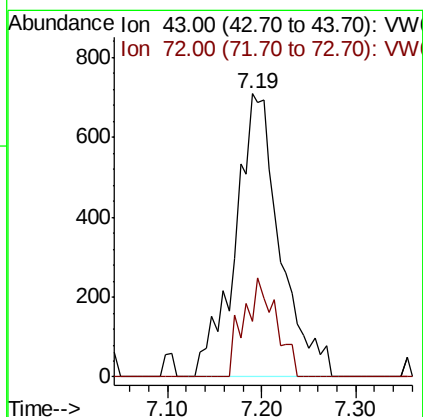
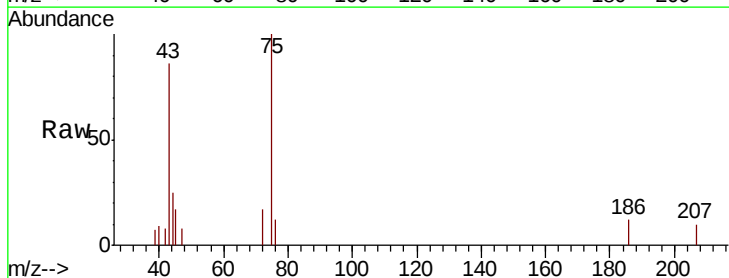
Instrument :
MSVOA_W
ClientSampled :
TP3-B

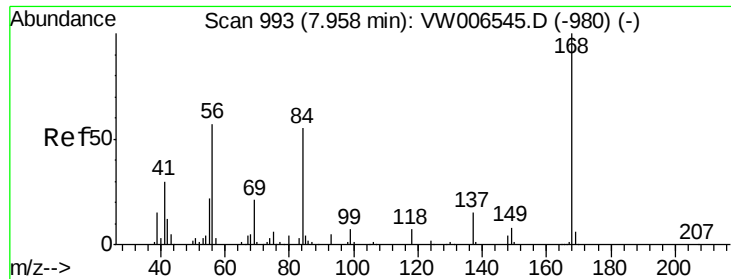
Tot Ion: 43 Resp: 17384
Ion Ratio Lower Upper
43 100
58 37.0 25.8 38.8



#25
2-Butanone
Concen: 4.655 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: VW006697.D
Acq: 06 Nov 2018 20:00

Tgt Ion: 43 Resp: 2359
Ion Ratio Lower Upper
43 100
72 19.6 23.2 34.8#

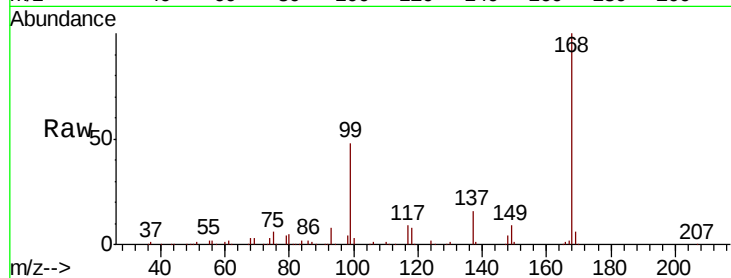




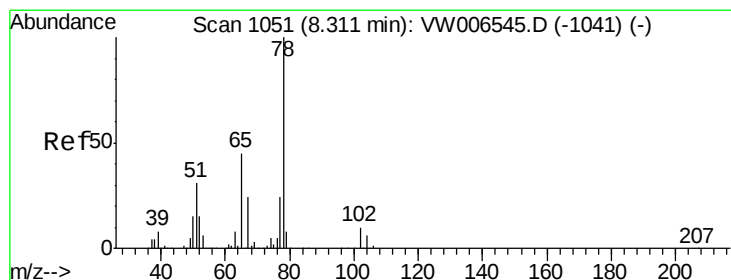
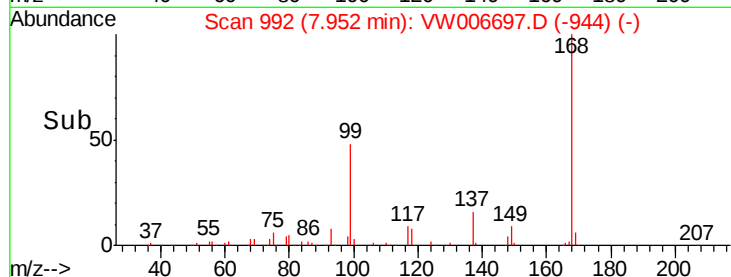
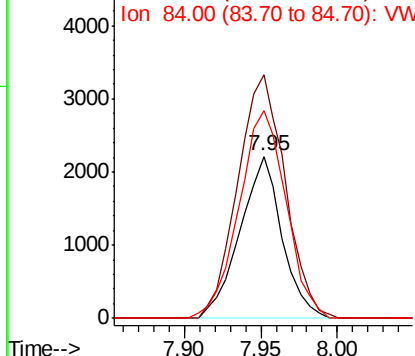
#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006697.D
Acq: 06 Nov 2018 20:00

Instrument :
MSVOA_W
ClientSampled :
TP3-B

Tot Ion: 56 Resp: 4226
Ion Ratio Lower Upper
56 100
69 150.3 29.0 43.4#
84 128.0 77.8 116.6#

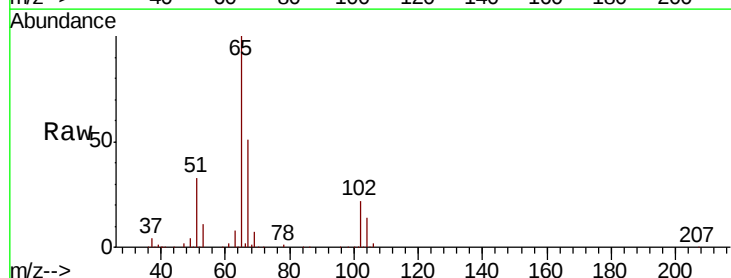


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

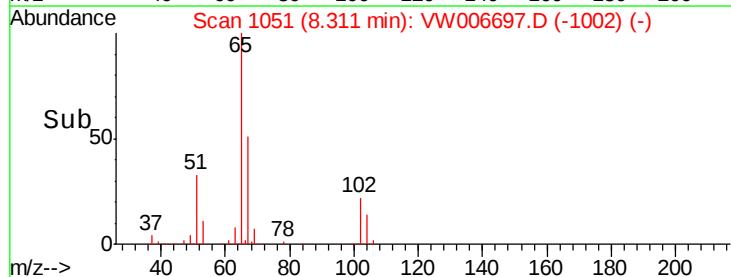
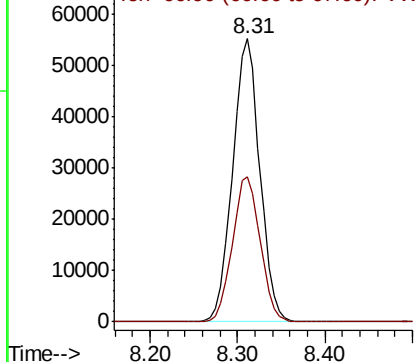


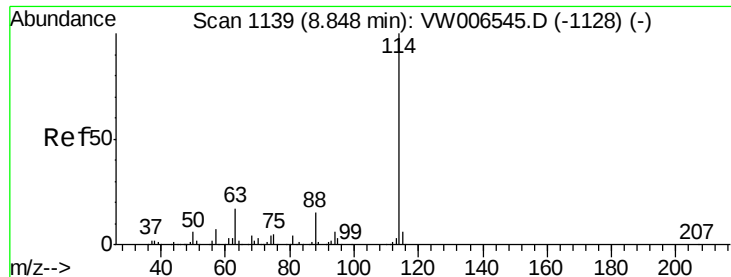
#33
1,2-Dichloroethane-d4
Concen: 54.277 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006697.D
Acq: 06 Nov 2018 20:00

Tgt Ion: 65 Resp: 119381
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

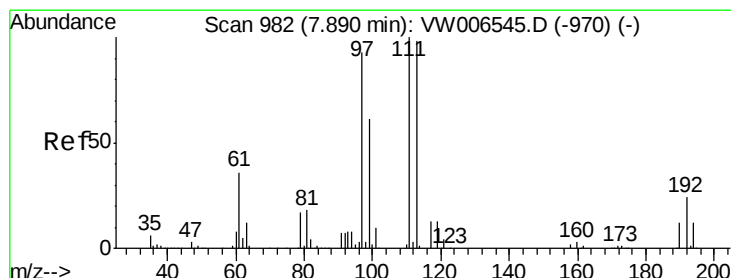
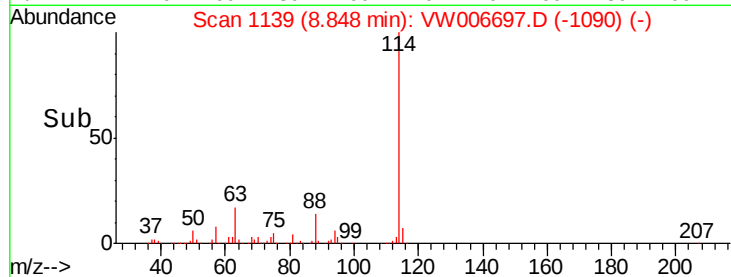
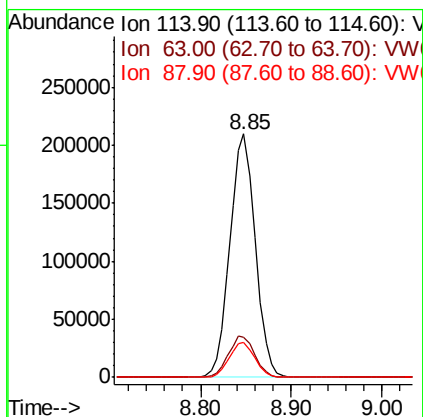
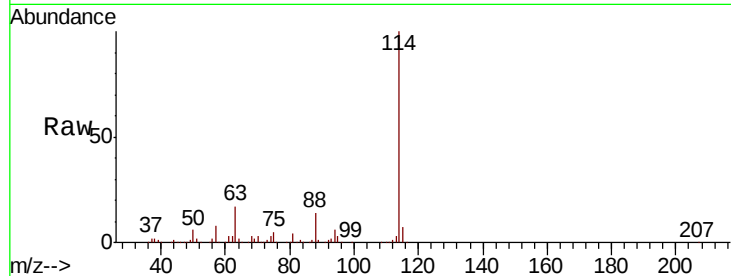




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006697.D
 Acq: 06 Nov 2018 20:00

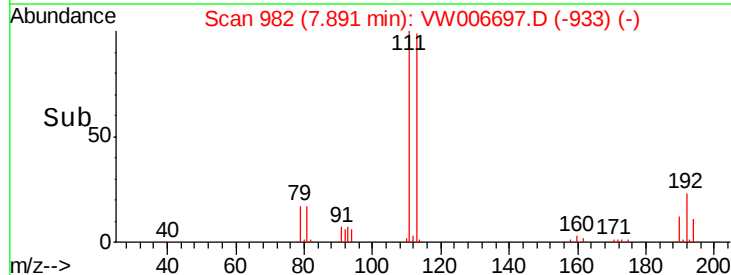
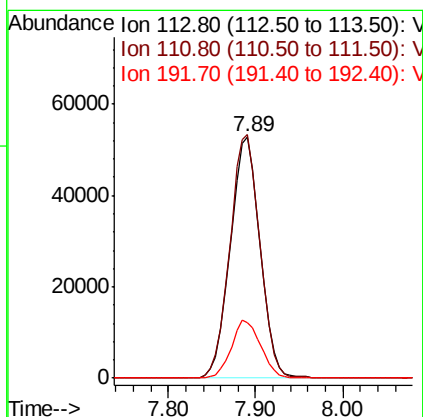
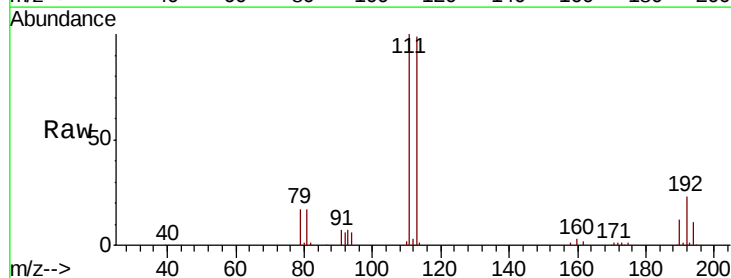
Instrument :
 MSVOA_W
 ClientSampled :
 TP3-B

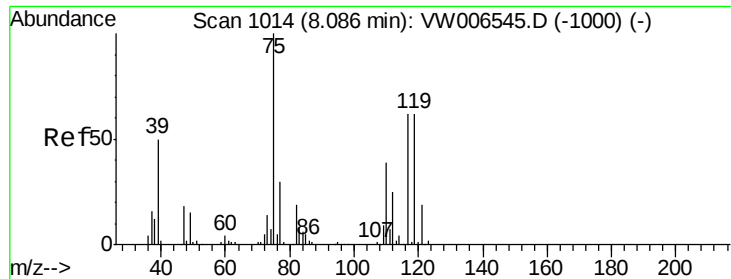
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.4
88	14.2	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 48.868 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006697.D
 Acq: 06 Nov 2018 20:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	23.7	19.0	28.6





#36

1,1-Dichloropropene

Concen: 4.440 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006697.D

Acq: 06 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

TP3-B

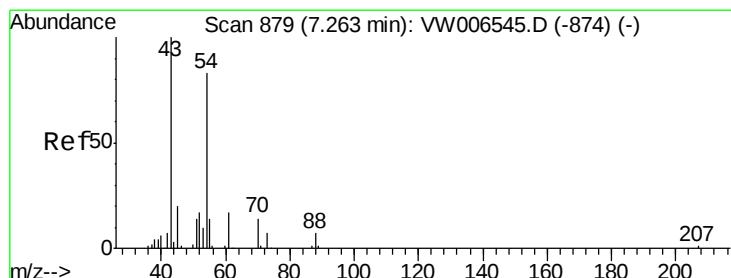
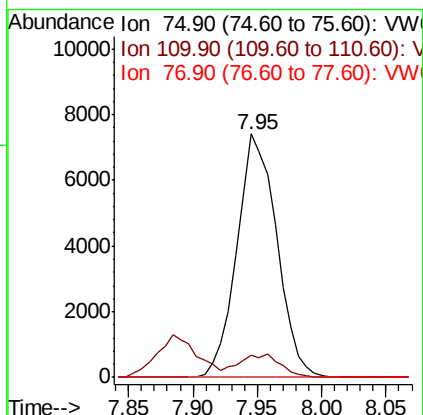
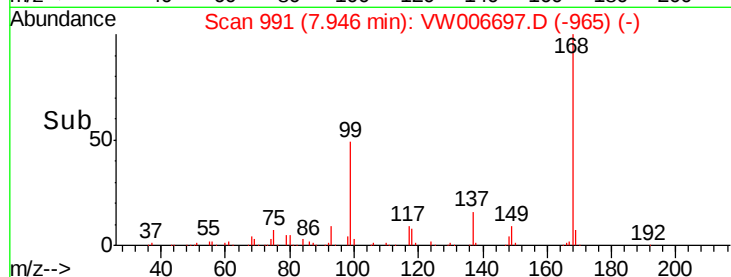
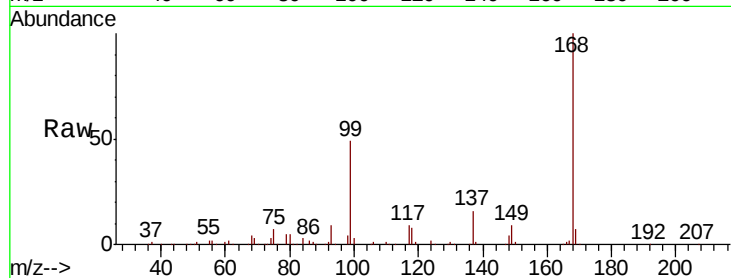
Tot Ion: 75 Resp: 15872

Ion Ratio Lower Upper

75 100

110 10.1 19.5 58.5#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 1.904 ug/l

RT: 7.19 min Scan# 867

Delta R.T. -0.07 min

Lab File: VW006697.D

Acq: 06 Nov 2018 20:00

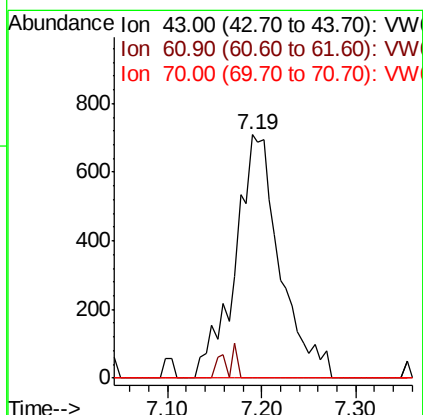
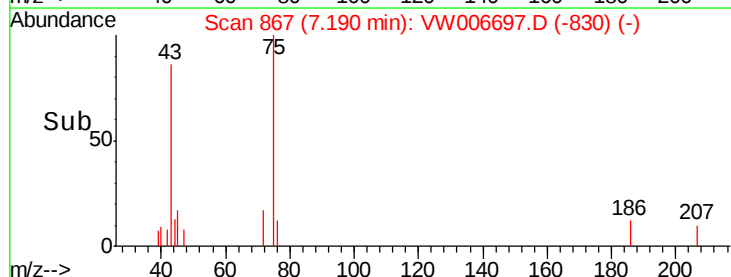
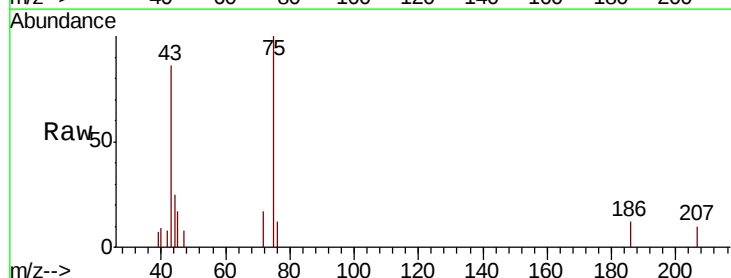
Tgt Ion: 43 Resp: 2359

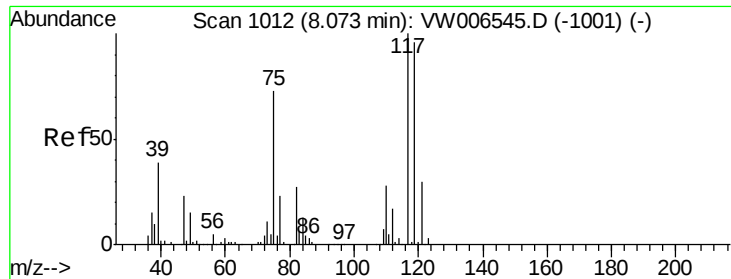
Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

70 0.0 9.8 14.6#





#38

Carbon Tetrachloride

Concen: 5.902 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006697.D

Acq: 06 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

TP3-B

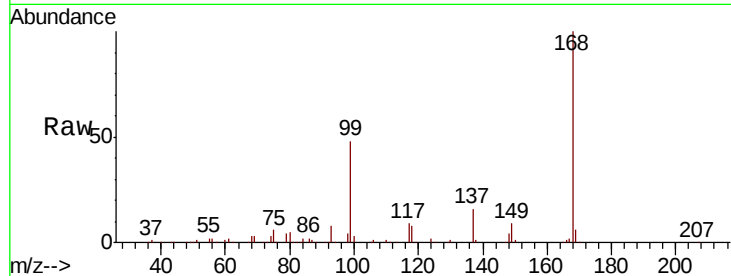
Tot Ion:117 Resp: 22047

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

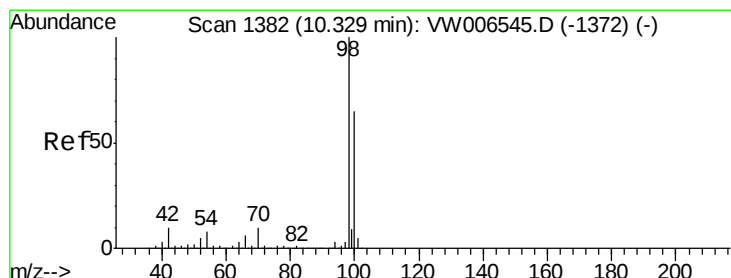
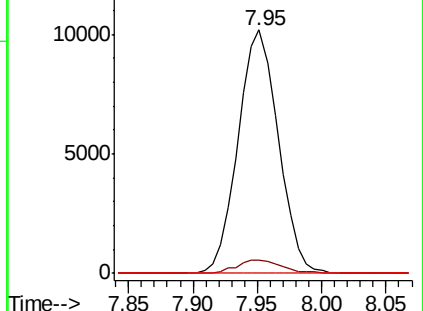
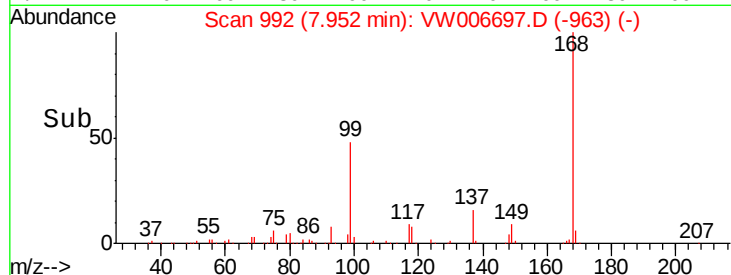
121 0.0 24.1 36.1#



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: 47.088 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006697.D

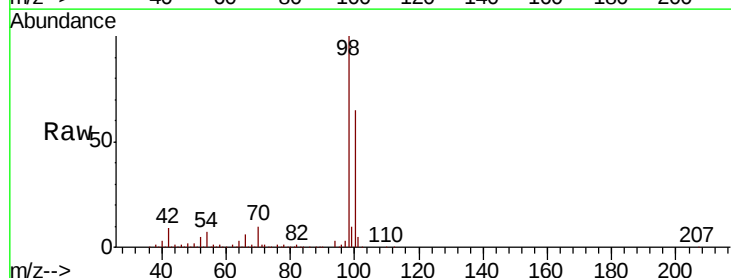
Acq: 06 Nov 2018 20:00

Tgt Ion: 98 Resp: 457302

Ion Ratio Lower Upper

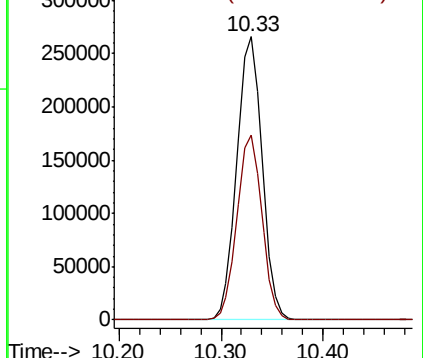
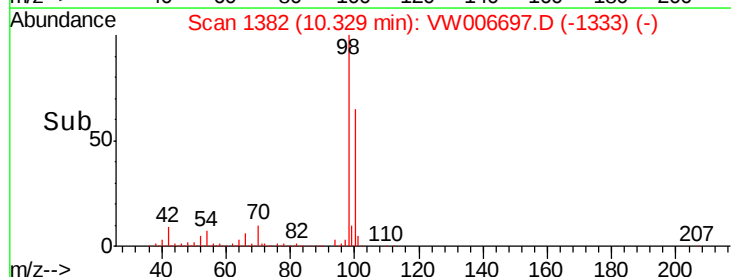
98 100

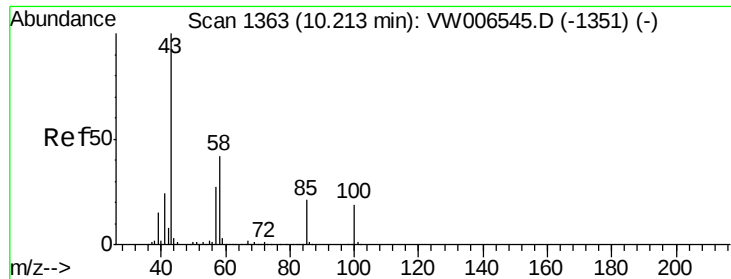
100 64.4 51.6 77.4



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: 1.393 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006697.D

Acq: 06 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

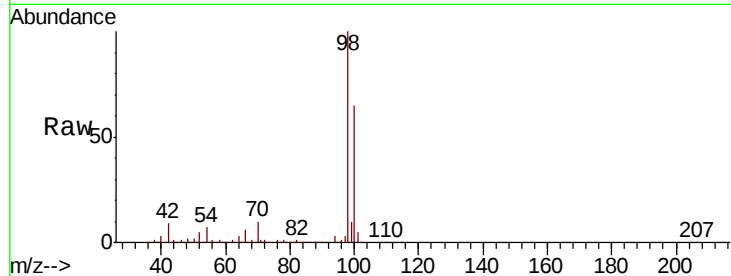
TP3-B

Tot Ion: 43 Resp: 1769

Ion Ratio Lower Upper

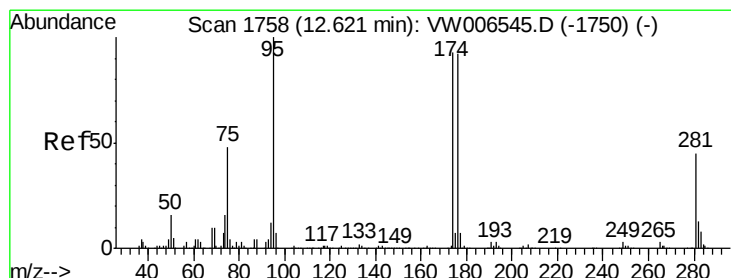
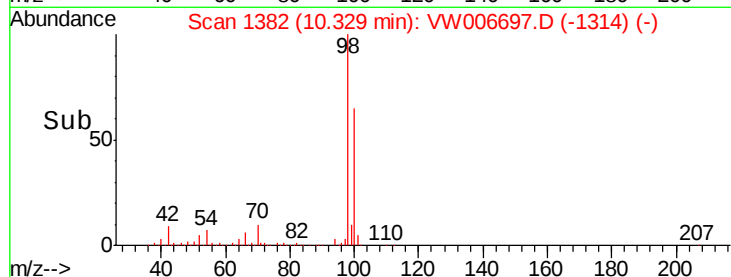
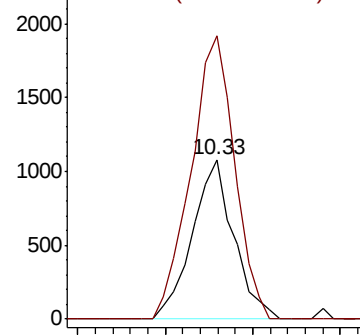
43 100

58 187.3 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 42.675 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006697.D

Acq: 06 Nov 2018 20:00

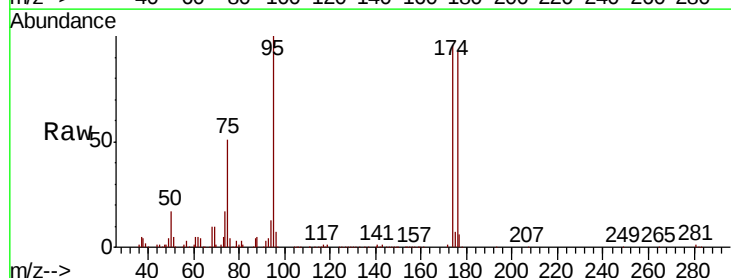
Tgt Ion: 95 Resp: 150252

Ion Ratio Lower Upper

95 100

174 99.6 0.0 192.4

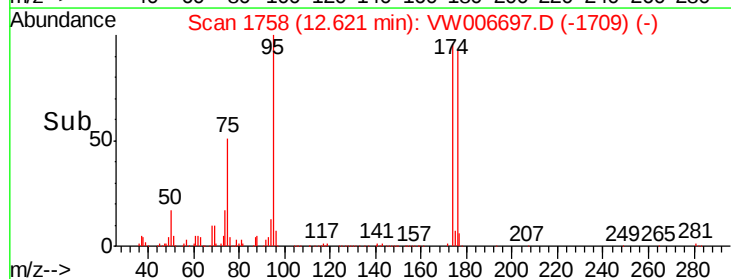
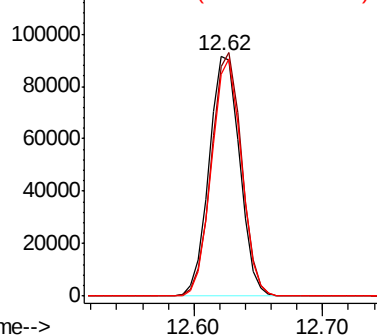
176 96.3 0.0 187.4

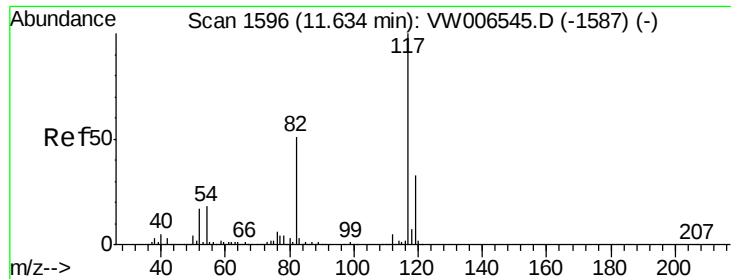


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

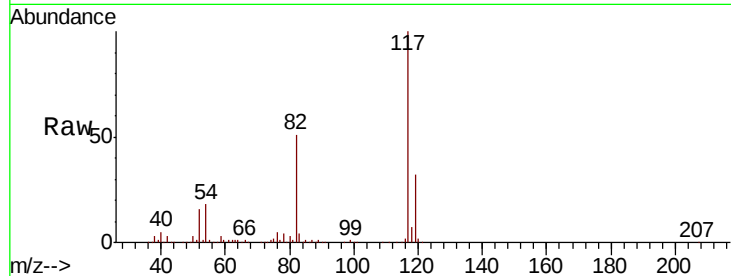




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006697.D
Acq: 06 Nov 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
TP3-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.8	61.2
119	32.0	26.1	39.1

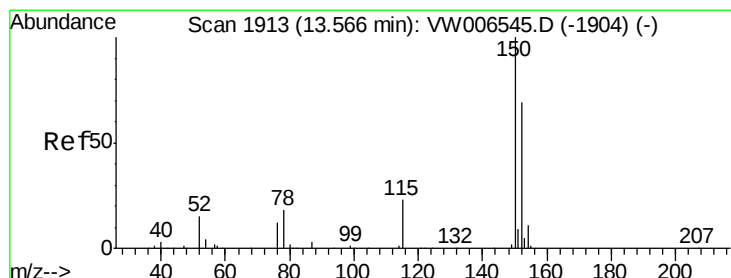
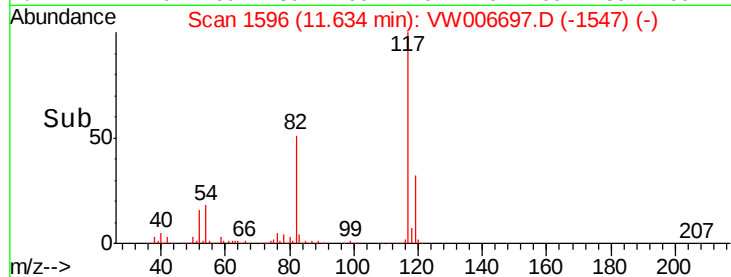
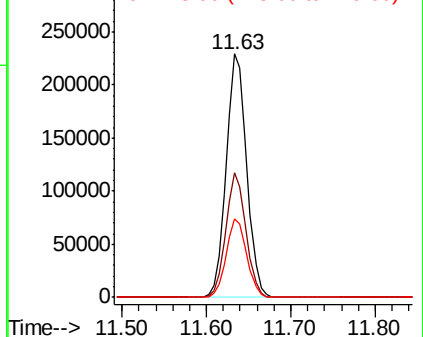


Abundance

Ion 116.90 (116.60 to 117.60): V

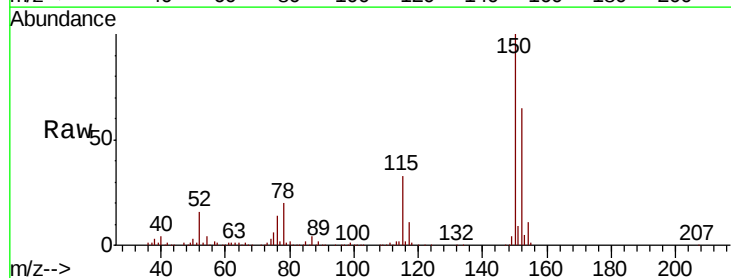
Ion 82.00 (81.70 to 82.70): V

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: VW006697.D
Acq: 06 Nov 2018 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.6	79.8
150	155.1	0.0	344.6

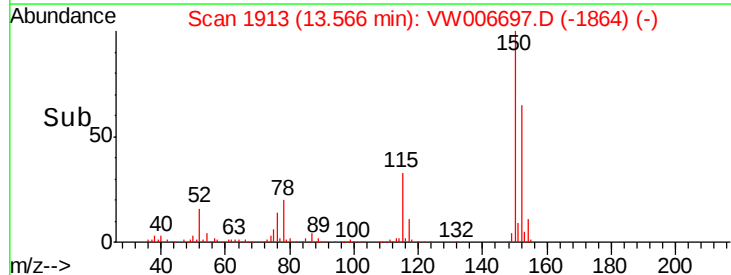
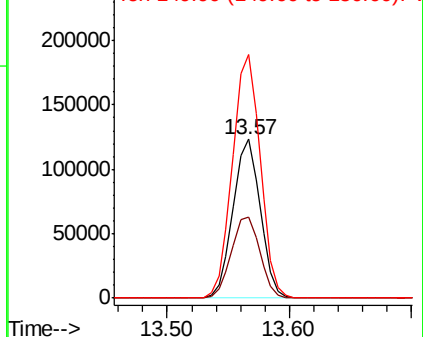


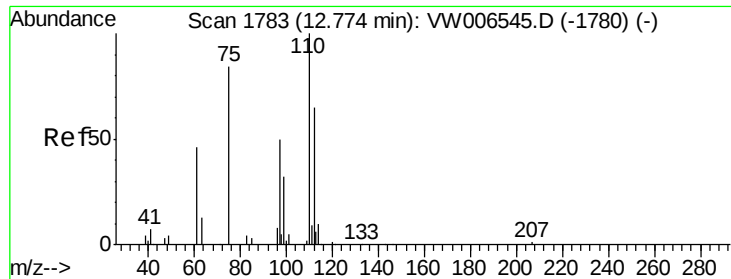
Abundance

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: 49.955 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006697.D

Acq: 06 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

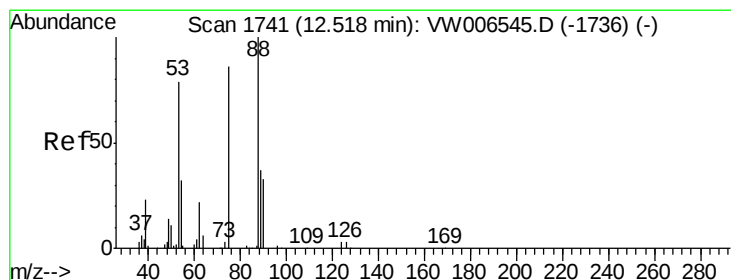
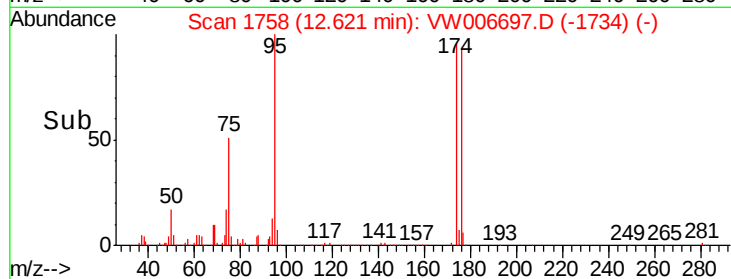
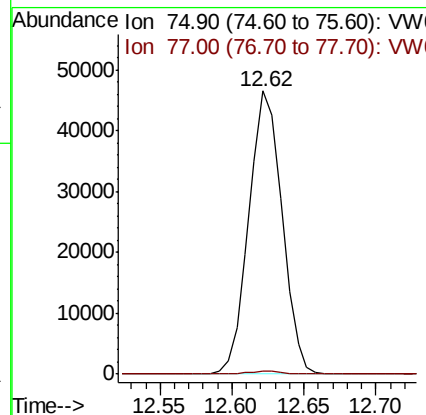
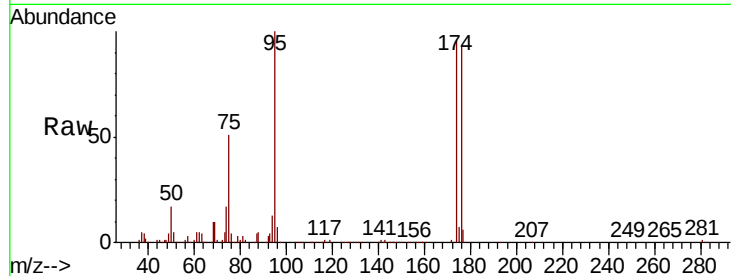
TP3-B

Tot Ion: 75 Resp: 74321

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.146 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006697.D

Acq: 06 Nov 2018 20:00

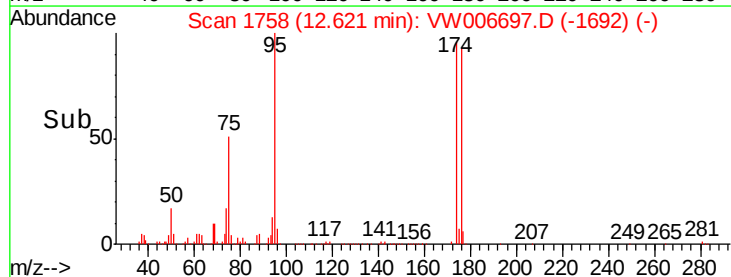
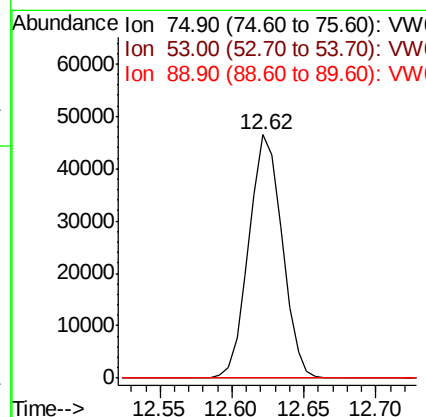
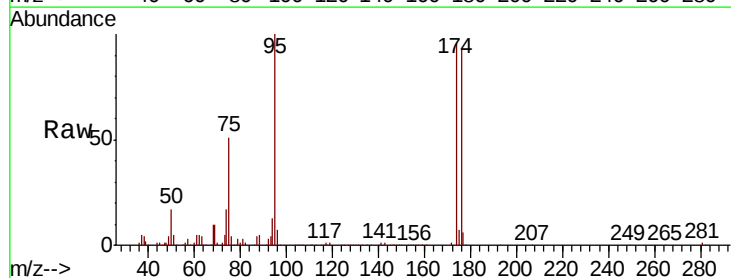
Tgt Ion: 75 Resp: 74321

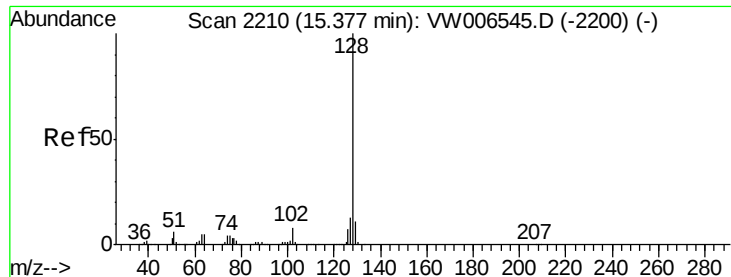
Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

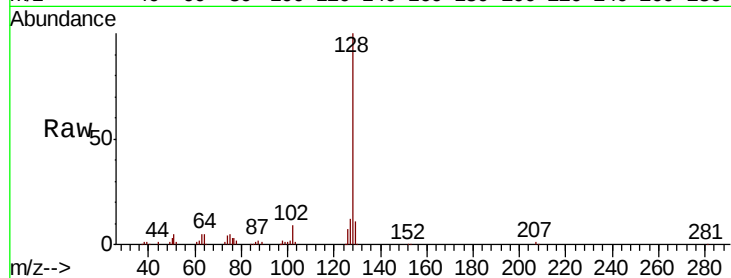




#95
Naphthalene
Concen: 7.359 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006697.D
Acq: 06 Nov 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
TP3-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.0	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

