

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006672.D
 Acq On : 06 Nov 2018 08:30
 Operator : SY/AP
 Sample : J5812-05
 Misc : 5.83G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 10:14:33 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

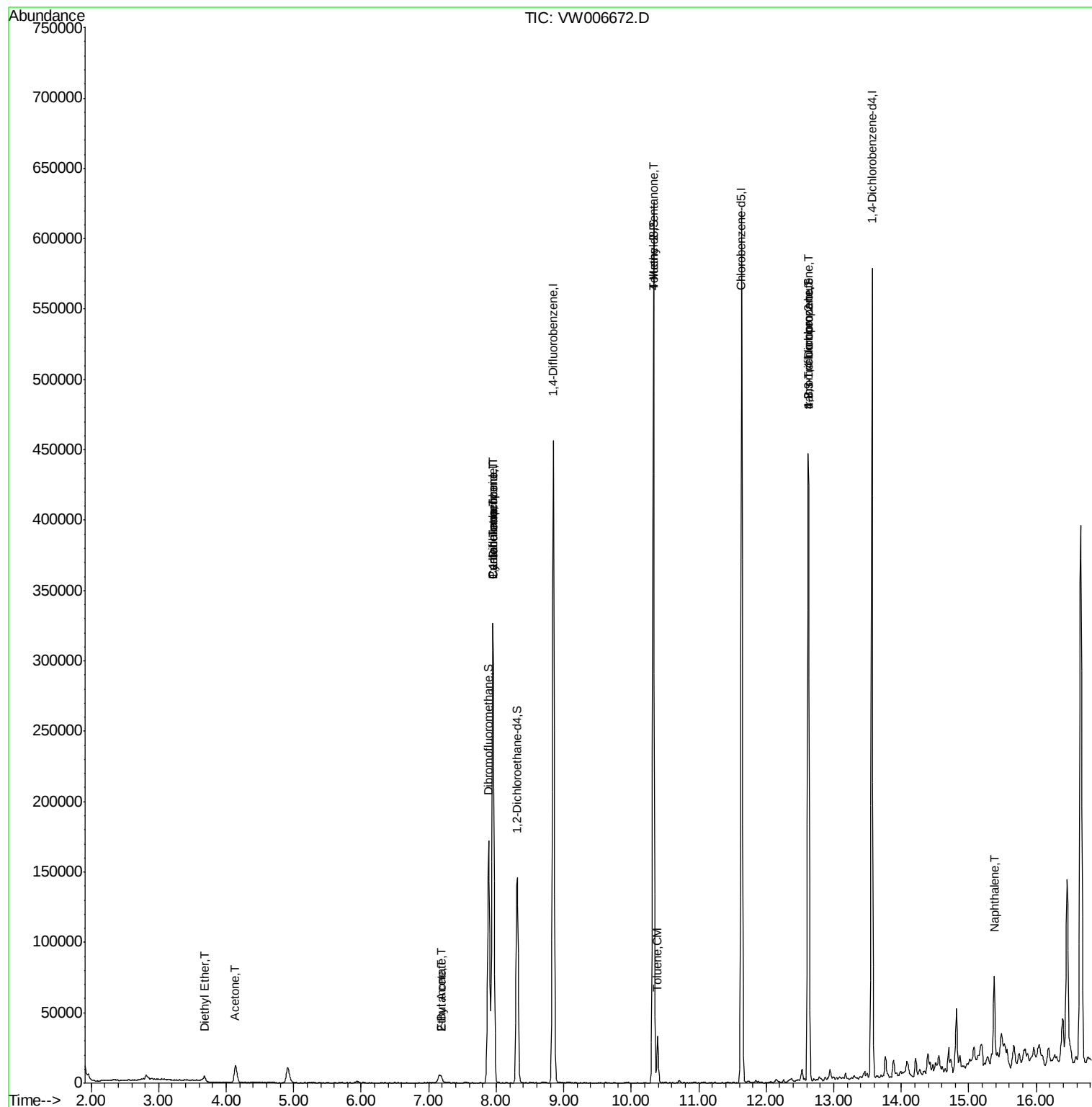
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	415338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115903	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.89	113	121597	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	10.33	98	434156	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
62) 4-Bromofluorobenzene	12.62	95	138884	38.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.22%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2039	1.741	ug/l	86
16) Acetone	4.14	43	22963	61.066	ug/l	99
20) Methylene Chloride	4.92	84	9712	Below Cal		90
25) 2-Butanone	7.18	43	5956	11.100	ug/l	93
31) Cyclohexane	7.95	56	4528	1.221	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	16733	4.581	ug/l #	48
37) Ethyl Acetate	7.18	43	5956	4.706	ug/l #	66
38) Carbon Tetrachloride	7.95	117	23330	6.113	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1671	1.288	ug/l #	1
52) Toluene	10.39	92	13693	1.968	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	67470	52.578	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67470	131.578	ug/l #	11
95) Naphthalene	15.38	128	57315	9.651	ug/l	98

(#) = 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: VW006672.D

Acq: 06 Nov 2018 08:30

Instrument :

MSVOA_W

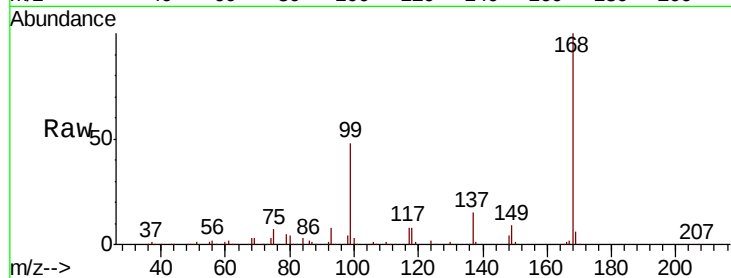
ClientSampled :

Tot Ion:168 Resp: 270958

Ion Ratio Lower Upper

168 100

99 48.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

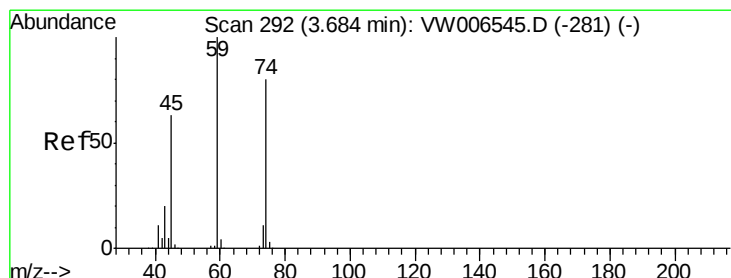
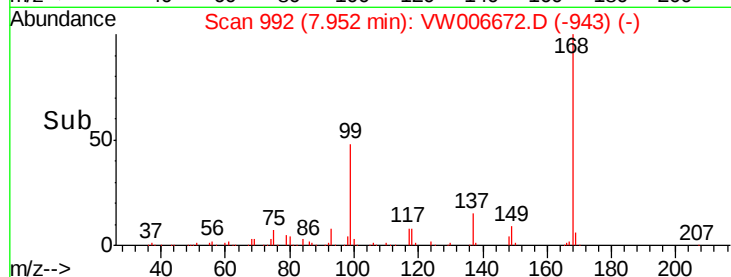
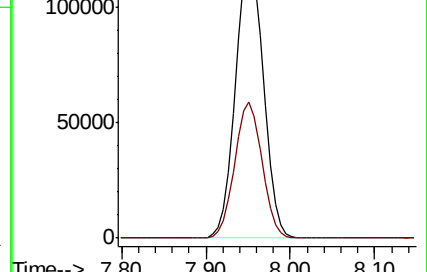
Ion 98.90 (98.60 to 99.60): VW

7.95

100000

50000

0



#8

Diethyl Ether

Concen: 1.741 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006672.D

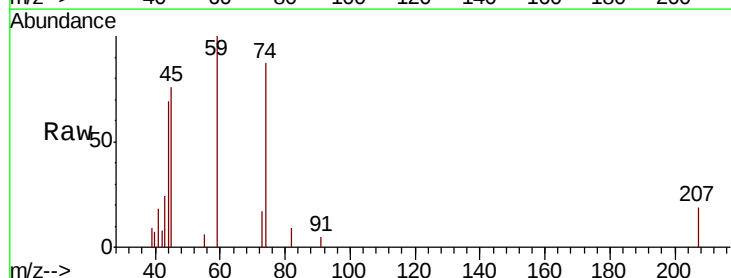
Acq: 06 Nov 2018 08:30

Tgt Ion: 74 Resp: 2039

Ion Ratio Lower Upper

74 100

45 94.6 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

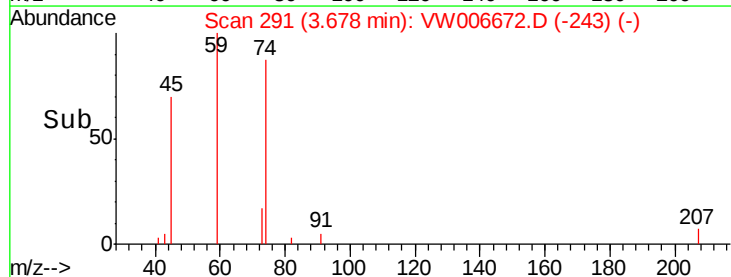
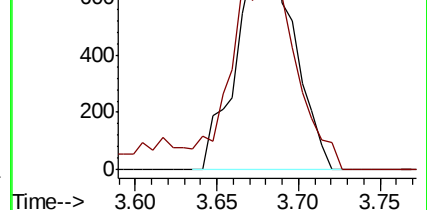
800

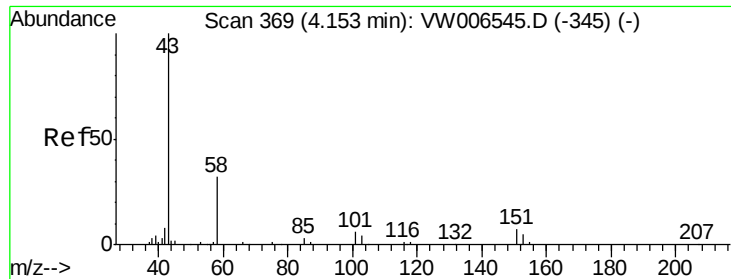
600

400

200

0

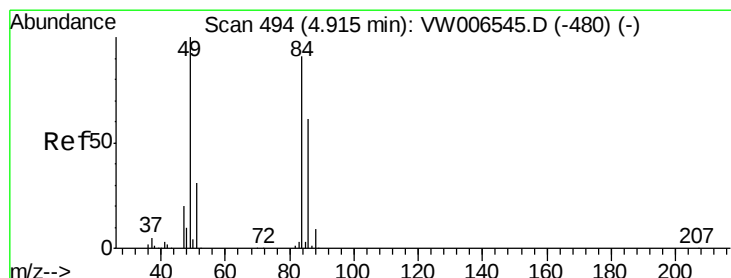
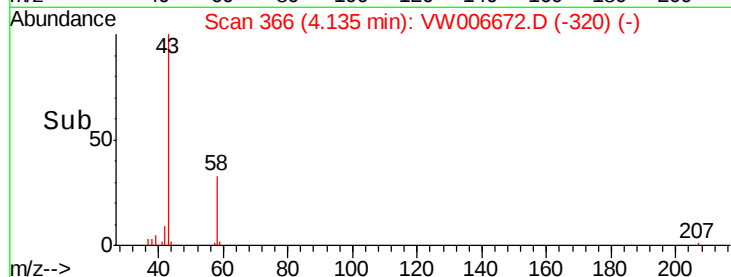
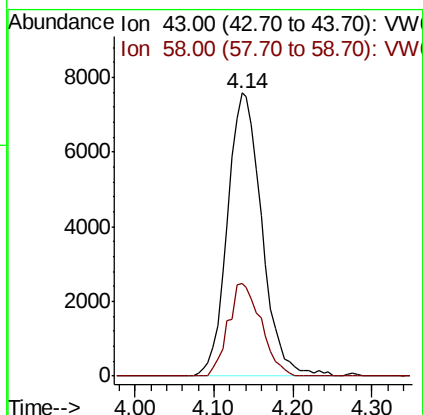
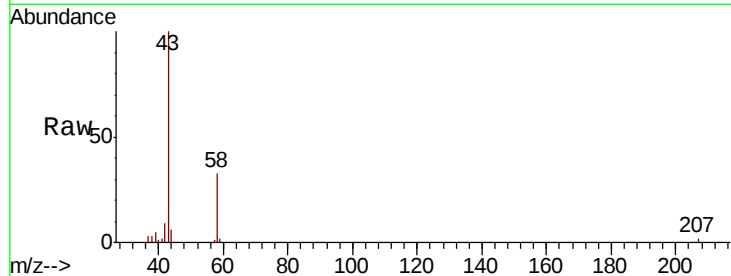




#16
Acetone
Concen: 61.066 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006672.D
Acq: 06 Nov 2018 08:30

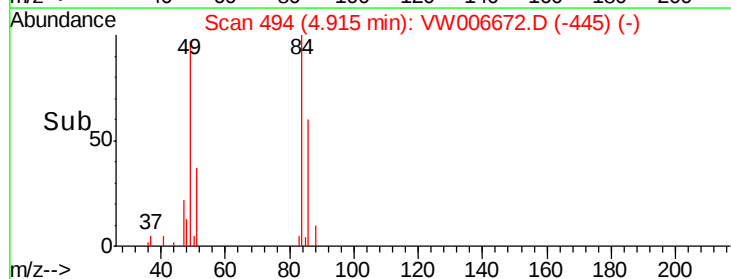
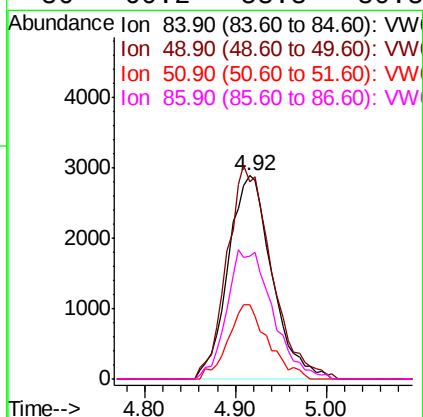
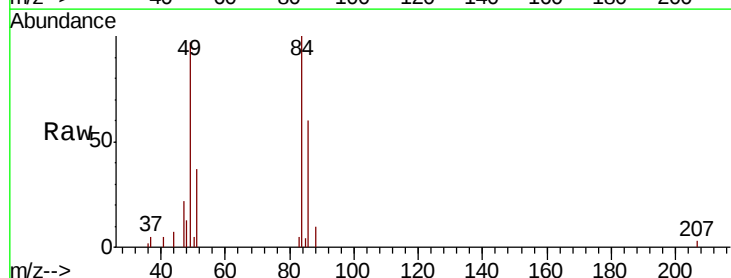
Instrument :
MSVOA_W
ClientSampleId :

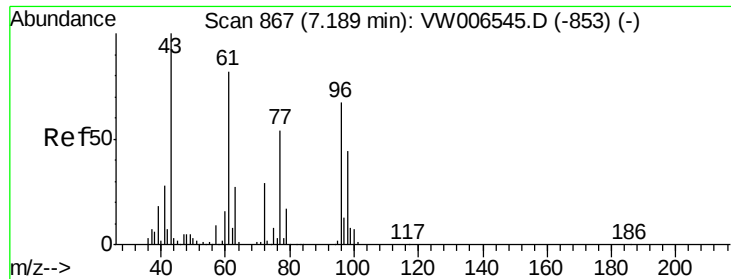
Tot Ion: 43 Resp: 22963
Ion Ratio Lower Upper
43 100
58 32.6 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006672.D
Acq: 06 Nov 2018 08:30

Tgt Ion: 84 Resp: 9712
Ion Ratio Lower Upper
84 100
49 96.8 88.2 132.4
51 36.7 27.0 40.6
86 60.2 53.8 80.8

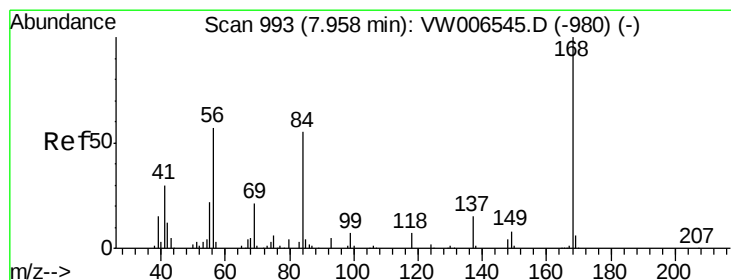
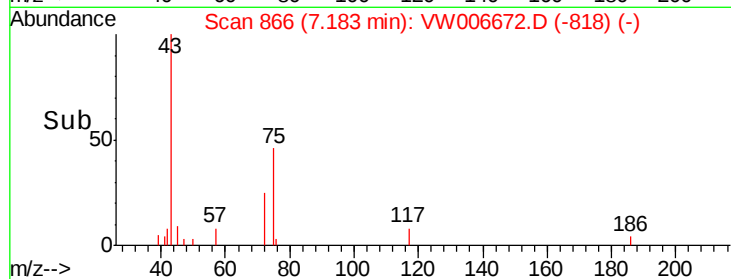
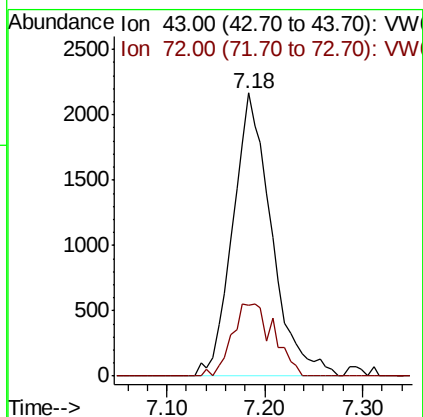
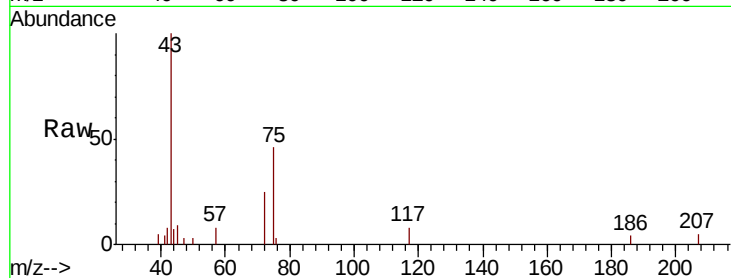




#25
2-Butanone
Concen: 11.100 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006672.D
Acq: 06 Nov 2018 08:30

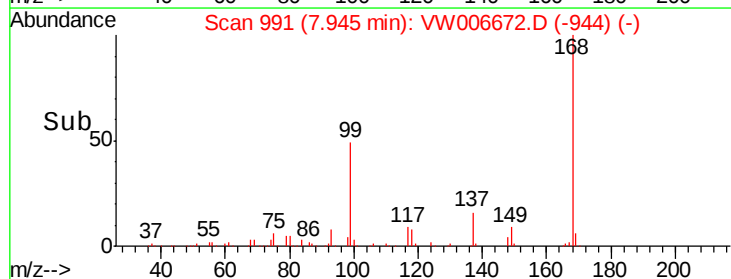
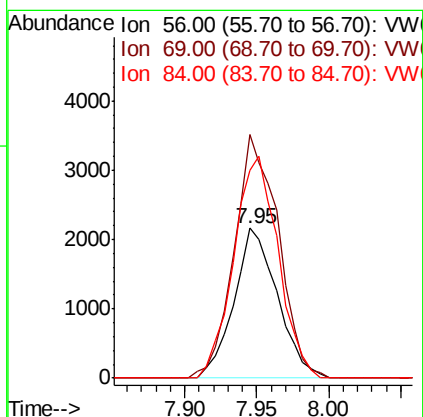
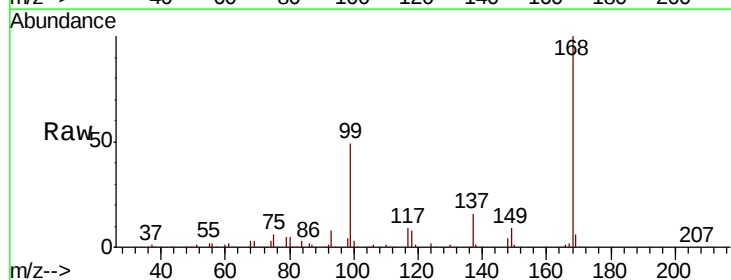
Instrument :
MSVOA_W
ClientSampled :

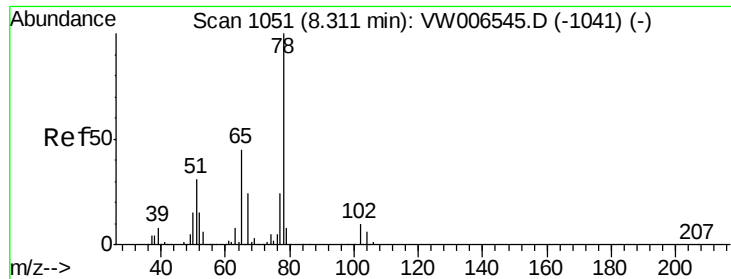
Tot Ion: 43 Resp: 5956
Ion Ratio Lower Upper
43 100
72 25.1 23.2 34.8



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006672.D
Acq: 06 Nov 2018 08:30

Tgt Ion: 56 Resp: 4528
Ion Ratio Lower Upper
56 100
69 162.5 29.0 43.4#
84 139.0 77.8 116.6#

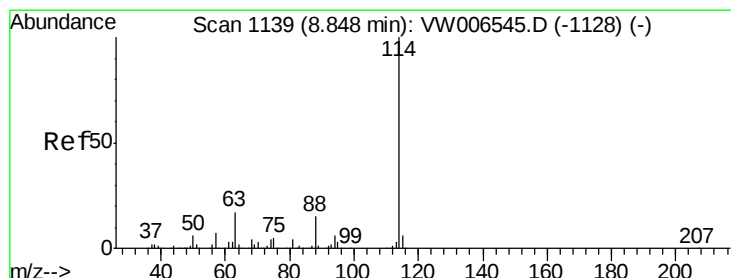
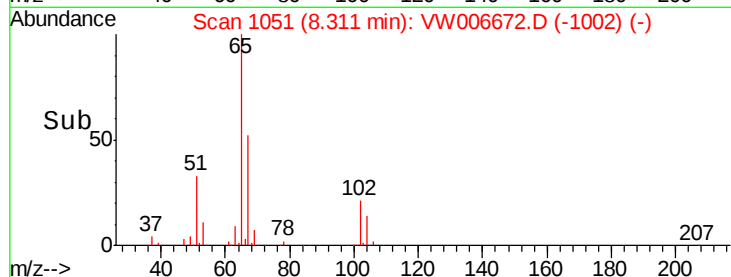
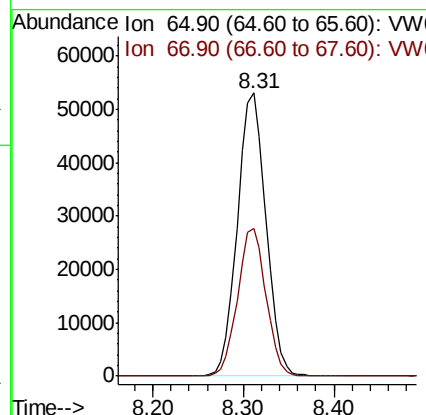
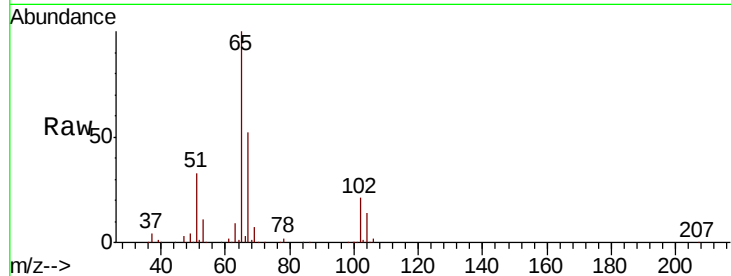




#33
 1,2-Dichloroethane-d4
 Concen: 49.762 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006672.D
 Acq: 06 Nov 2018 08:30

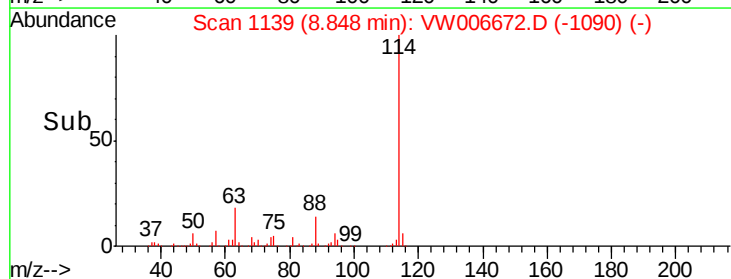
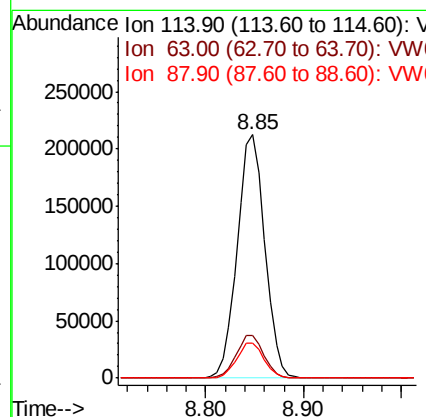
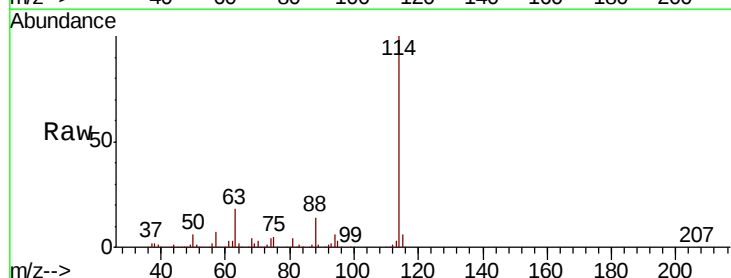
Instrument :
 MSVOA_W
 ClientSampleId :

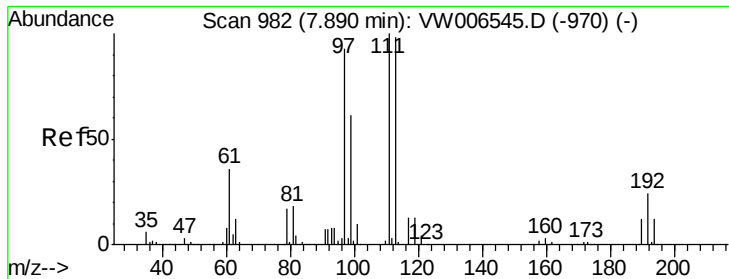
Tot Ion: 65 Resp: 115903
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006672.D
 Acq: 06 Nov 2018 08:30

Tgt Ion: 114 Resp: 415338
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 14.2 0.0 29.0

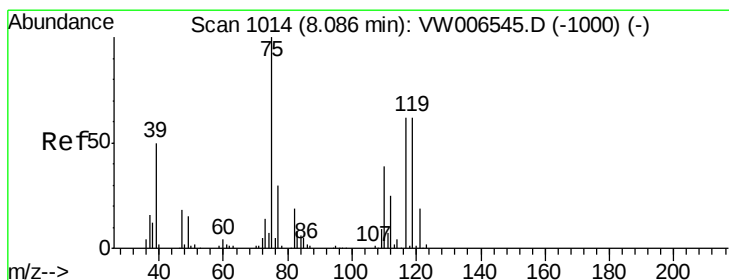
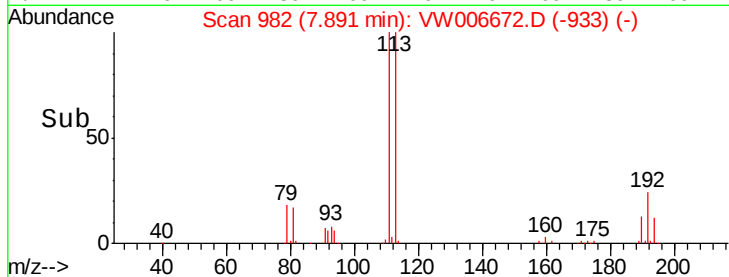
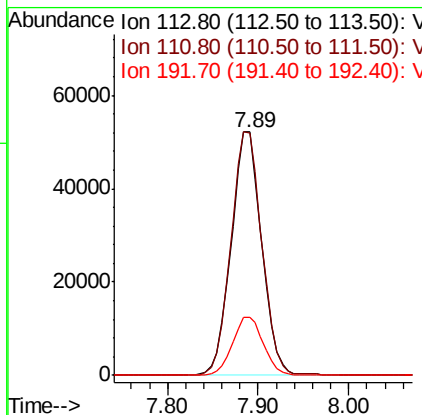
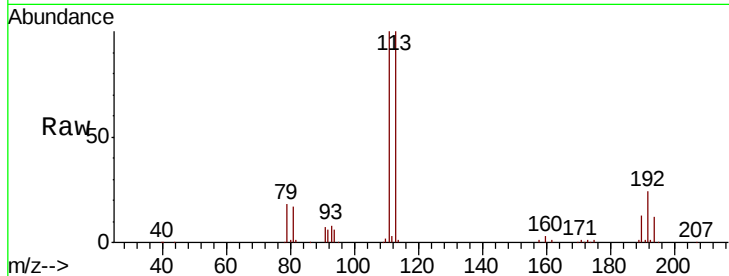




#35
 Dibromofluoromethane
 Concen: 46.650 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006672.D
 Acq: 06 Nov 2018 08:30

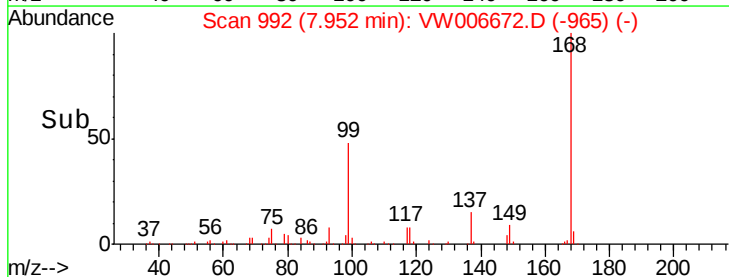
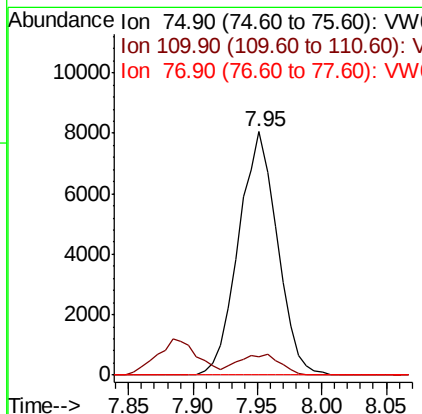
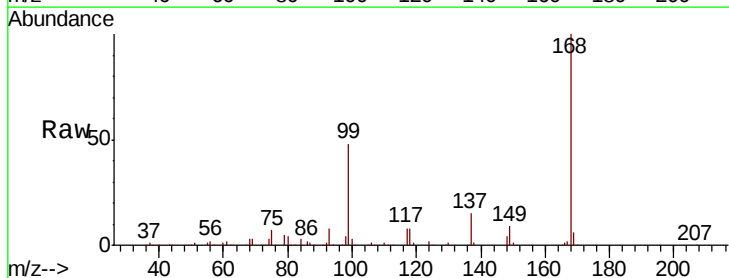
Instrument :
 MSVOA_W
 ClientSampleId :

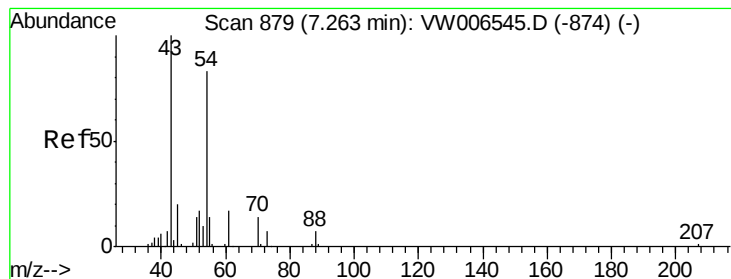
Tot Ion:113 Resp: 121597
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.2
 192 24.0 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.581 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006672.D
 Acq: 06 Nov 2018 08:30

Tgt Ion: 75 Resp: 16733
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 4.706 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.08 min

Lab File: VW006672.D

Acq: 06 Nov 2018 08:30

Instrument :

MSVOA_W

ClientSampleId :

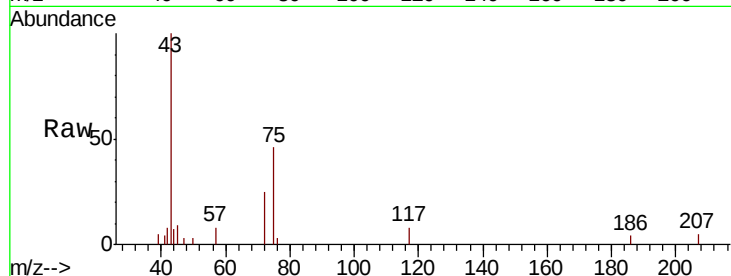
Tot Ion: 43 Resp: 5956

Ion Ratio Lower Upper

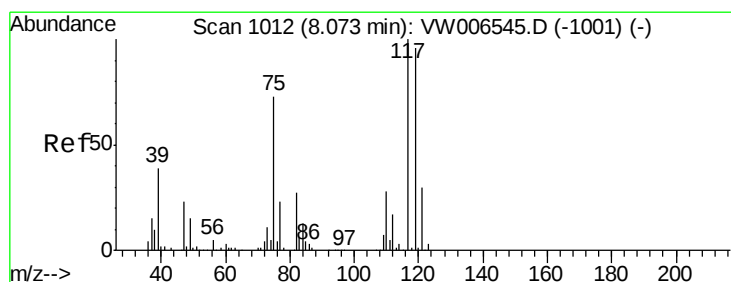
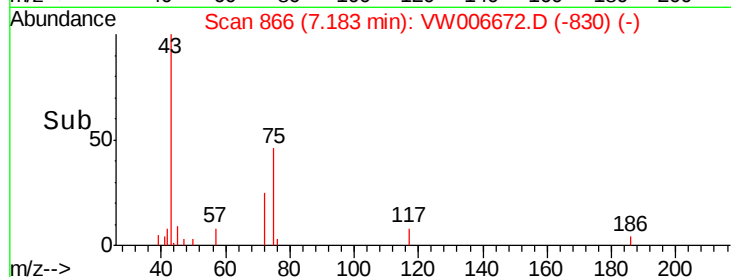
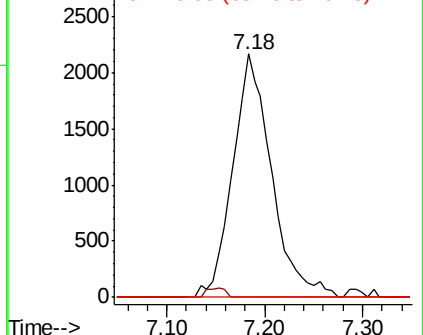
43 100

61 0.0 12.1 18.1#

70 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.113 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006672.D

Acq: 06 Nov 2018 08:30

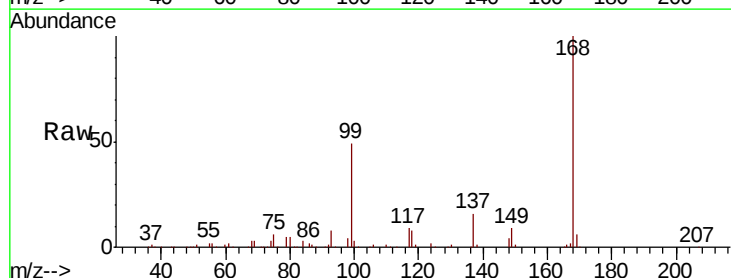
Tgt Ion: 117 Resp: 23330

Ion Ratio Lower Upper

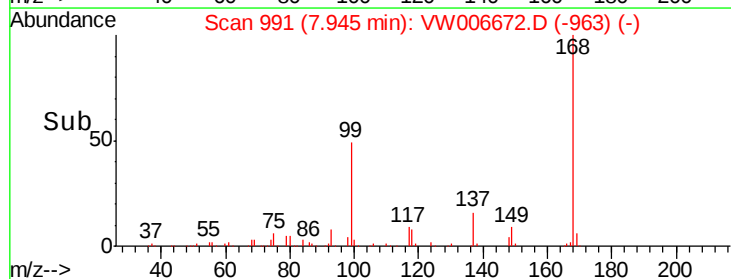
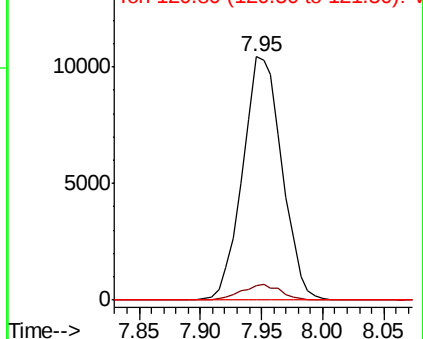
117 100

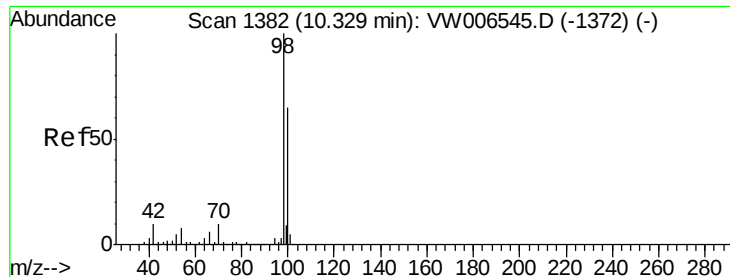
119 6.0 76.3 114.5#

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: 43.754 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006672.D

Acq: 06 Nov 2018 08:30

Instrument :

MSVOA_W

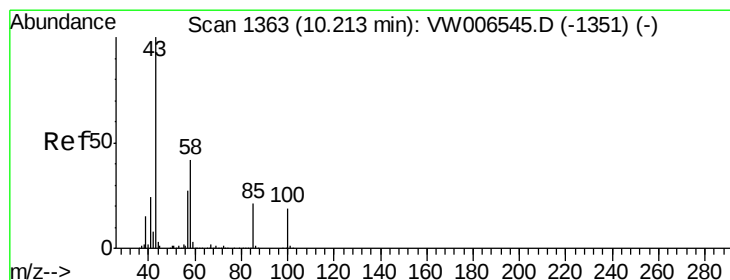
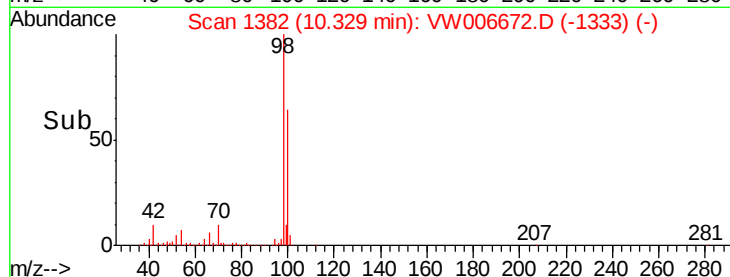
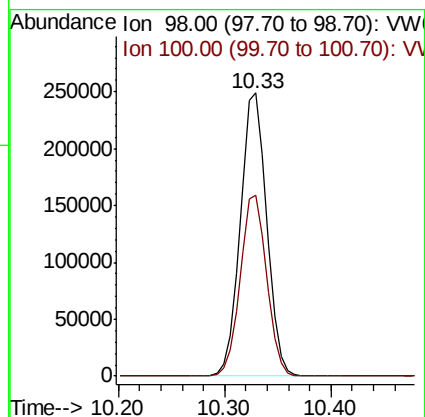
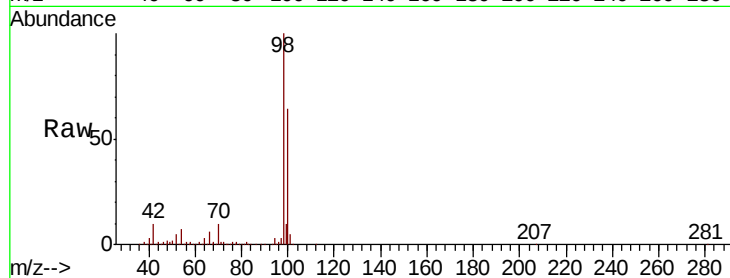
ClientSampled :

Tot Ion: 98 Resp: 434156

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.288 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006672.D

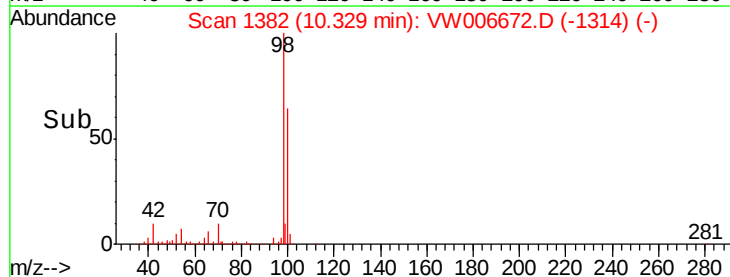
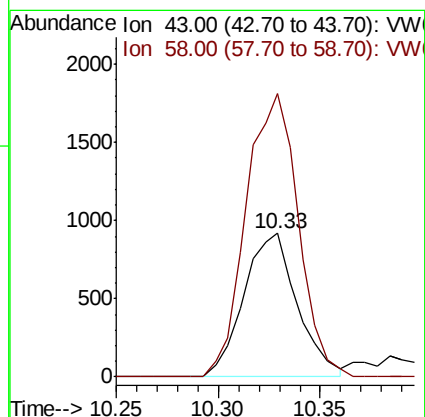
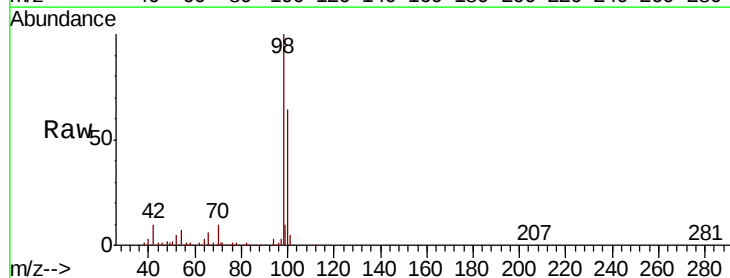
Acq: 06 Nov 2018 08:30

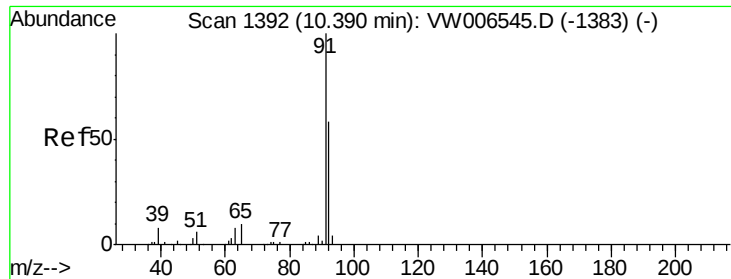
Tgt Ion: 43 Resp: 1671

Ion Ratio Lower Upper

43 100

58 192.3 33.4 50.0#





#52

Toluene

Concen: 1.968 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006672.D

Acq: 06 Nov 2018 08:30

Instrument :

MSVOA_W

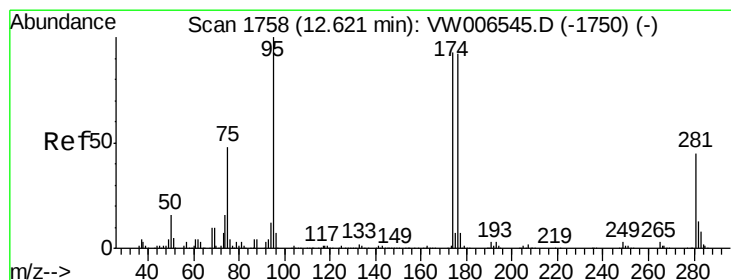
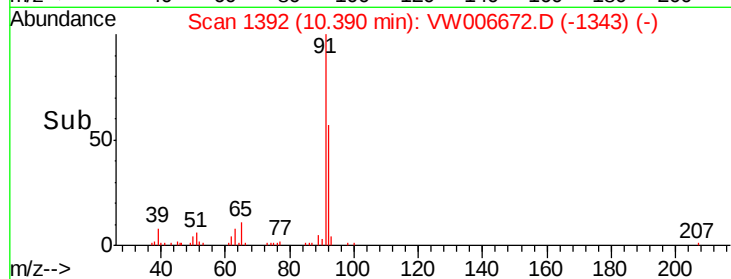
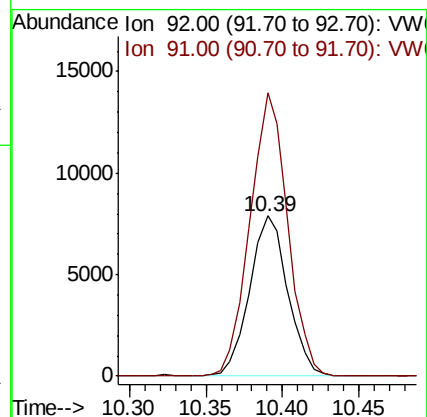
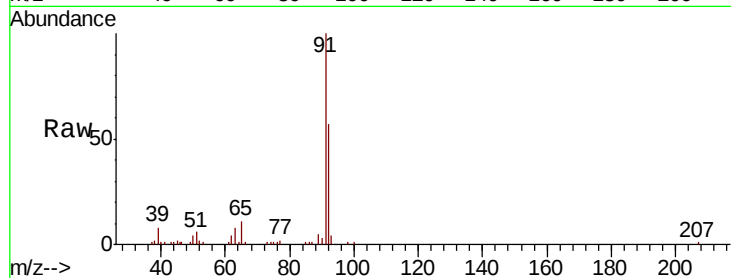
ClientSampleId :

Tot Ion: 92 Resp: 13693

Ion Ratio Lower Upper

92 100

91 174.3 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 38.607 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006672.D

Acq: 06 Nov 2018 08:30

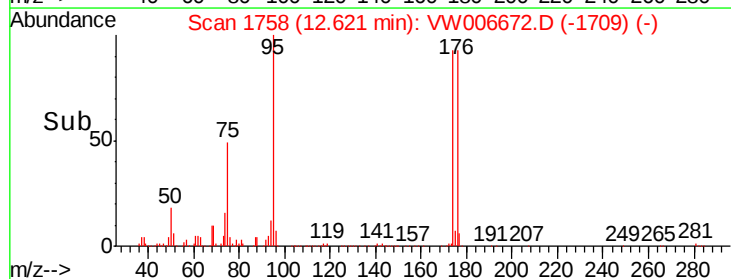
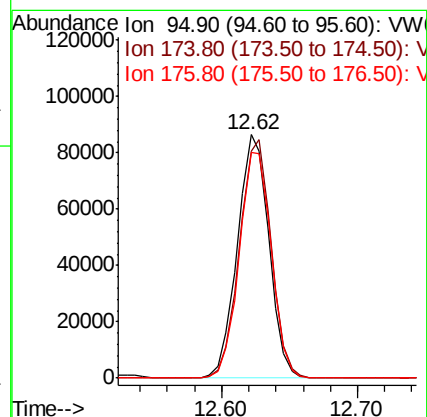
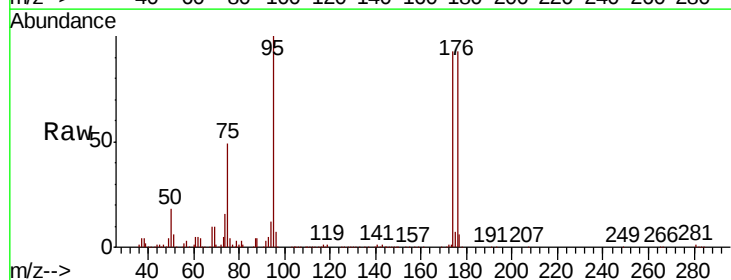
Tgt Ion: 95 Resp: 138884

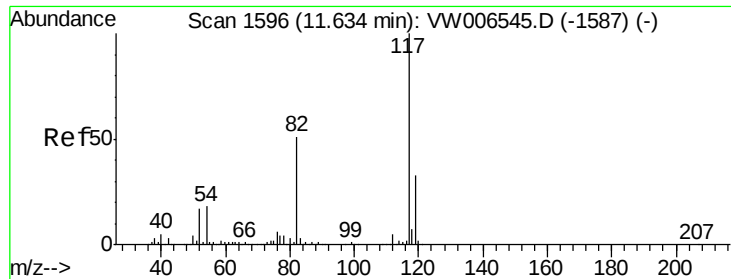
Ion Ratio Lower Upper

95 100

174 98.7 0.0 192.4

176 95.0 0.0 187.4

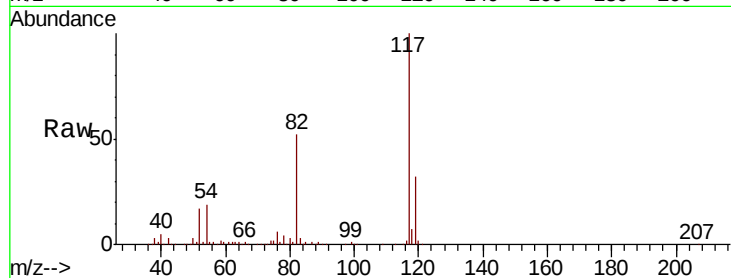




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006672.D
Acq: 06 Nov 2018 08:30

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.8	61.2
119	32.4	26.1	39.1

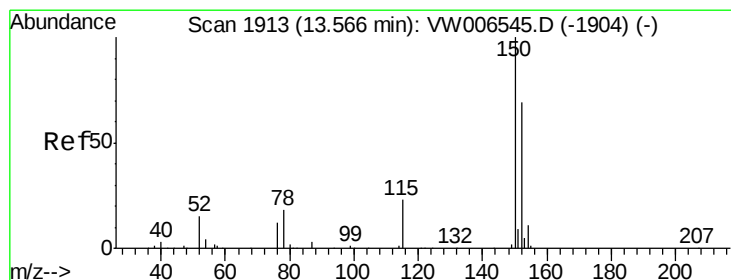
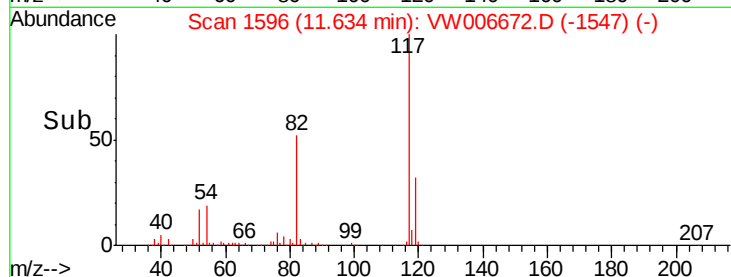
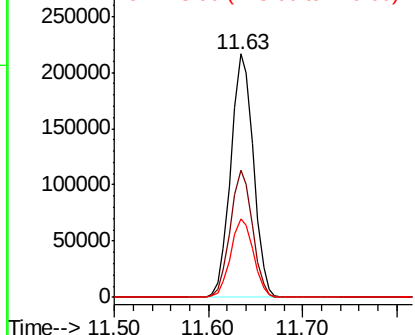


Abundance

Ion 116.90 (116.60 to 117.60): V

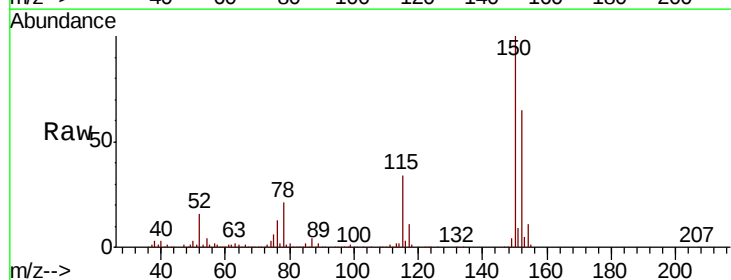
Ion 82.00 (81.70 to 82.70): V

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: VW006672.D
Acq: 06 Nov 2018 08:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.6	79.8
150	157.3	0.0	344.6

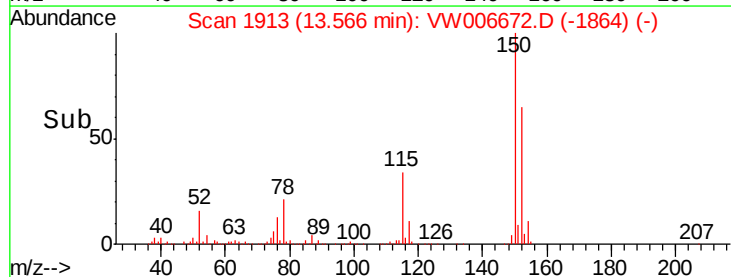
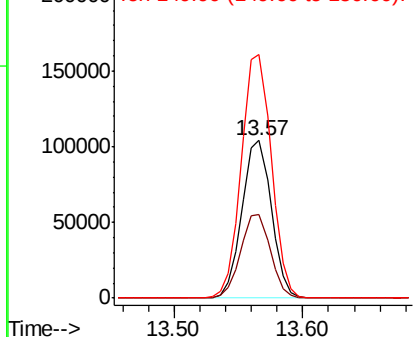


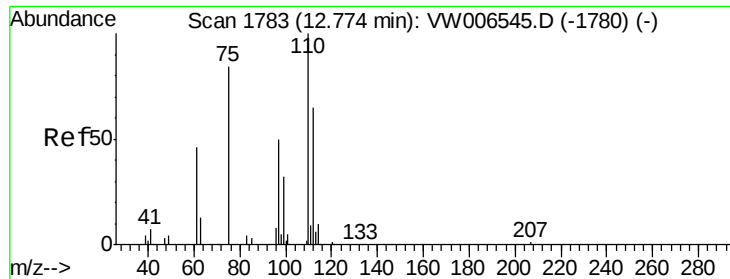
Abundance

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

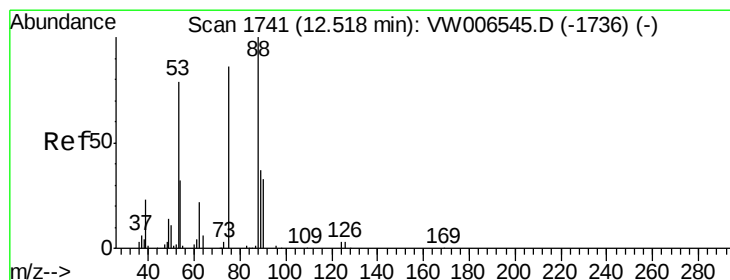
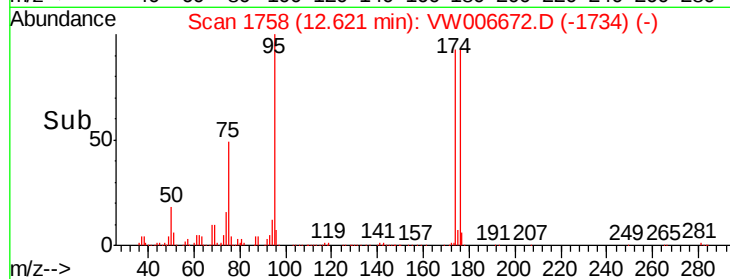
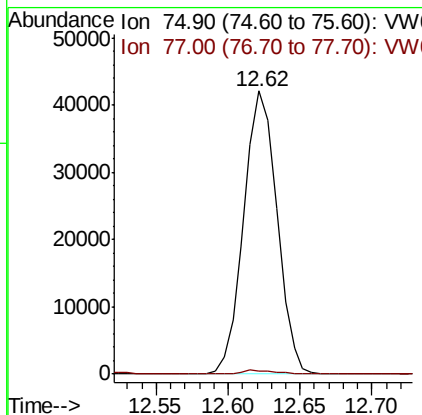
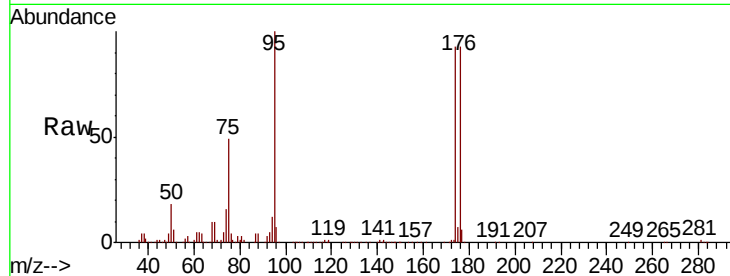




#76
 1,2,3-Trichloropropane
 Concen: 52.578 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006672.D
 Acq: 06 Nov 2018 08:30

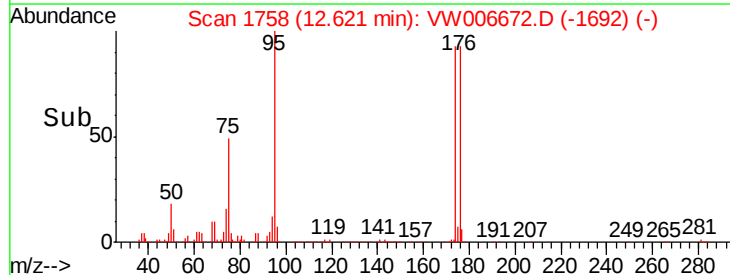
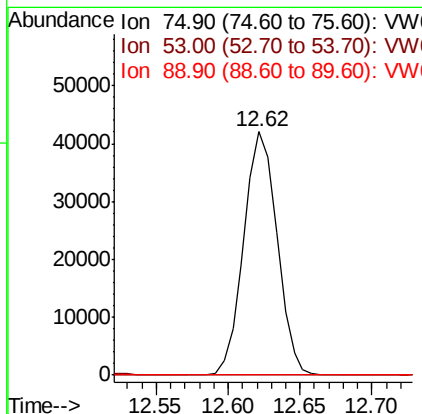
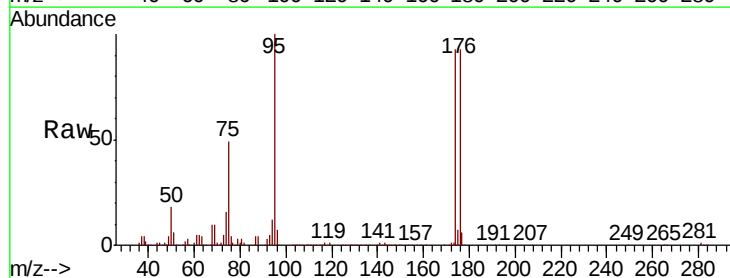
Instrument :
 MSVOA_W
 ClientSampleId :

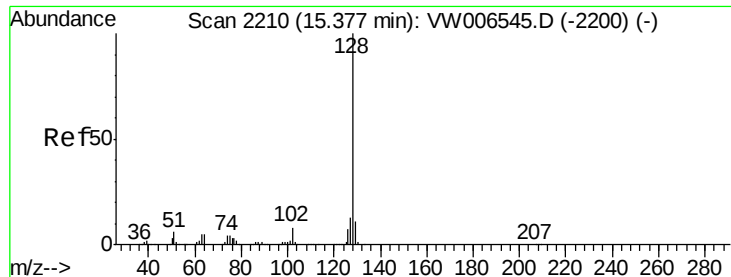
Tot Ion: 75 Resp: 67470
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.578 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006672.D
 Acq: 06 Nov 2018 08:30

Tgt Ion: 75 Resp: 67470
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.0 38.6 58.0#

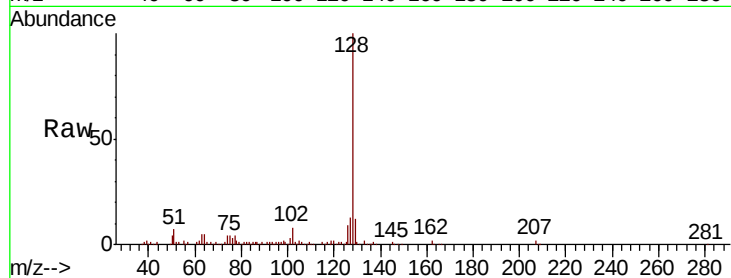




#95
Naphthalene
Concen: 9.651 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006672.D
Acq: 06 Nov 2018 08:30

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	11.3	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

