

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007620.D
 Acq On : 16 Dec 2018 09:26
 Operator : SY/AP
 Sample : J6379-02
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:19:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	7004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	15226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	10164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	9511	122.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	244.80%	
35) Dibromofluoromethane	7.88	113	6843	74.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.48%	
50) Toluene-d8	10.32	98	13811	39.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.92%	
62) 4-Bromofluorobenzene	12.62	95	4039	31.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.58%	

Target Compounds

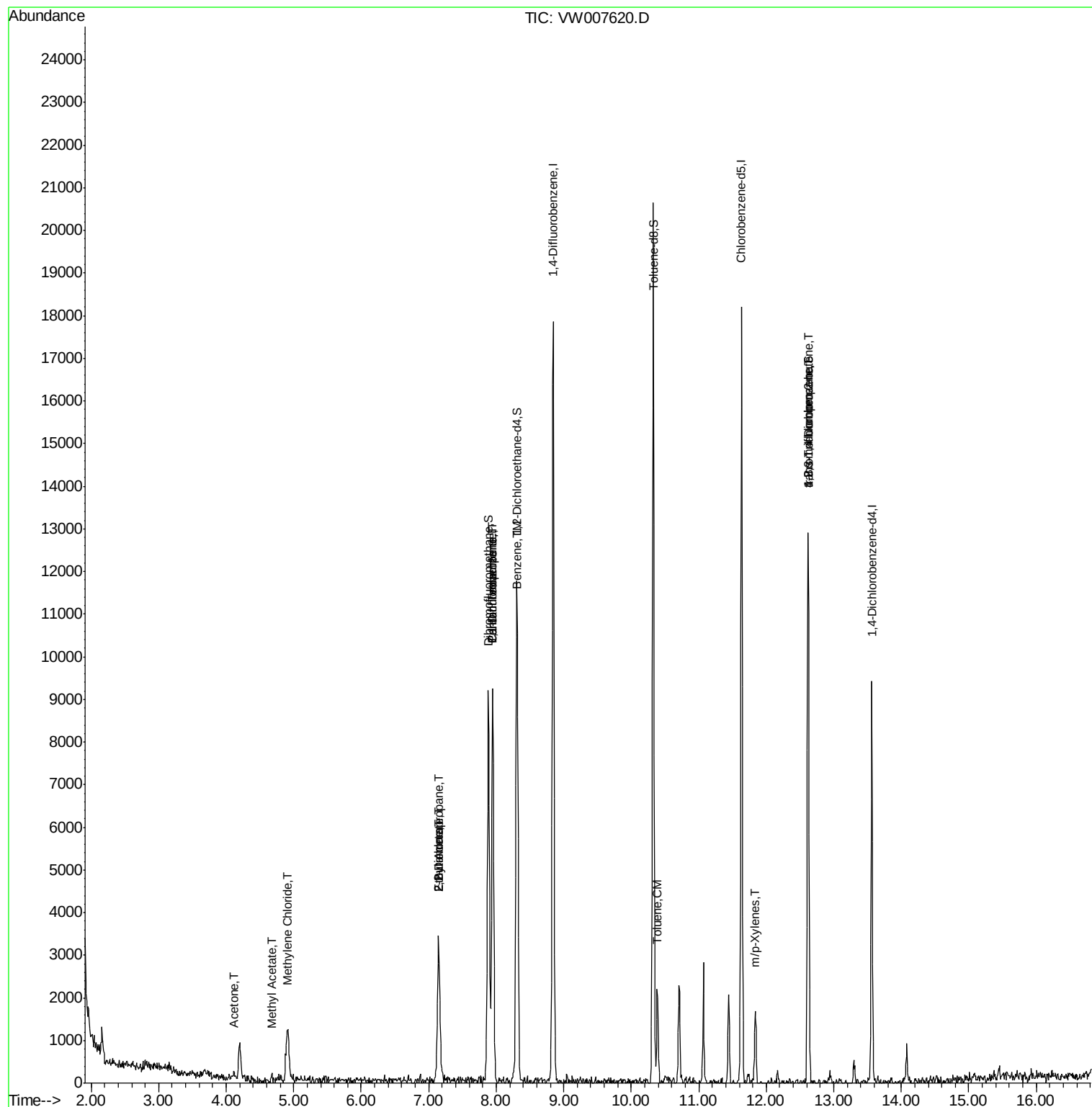
						Qvalue
16) Acetone	4.12	43	140	10.315	ug/l #	44
18) Methyl Acetate	4.68	43	179	4.859	ug/l #	49
20) Methylene Chloride	4.90	84	557	3.892	ug/l #	86
25) 2-Butanone	7.15	43	134	7.563	ug/l #	45
26) 2,2-Dichloropropane	7.15	77	260	2.986	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	557	4.010	ug/l #	40
37) Ethyl Acetate	7.15	43	134	2.594	ug/l #	47
38) Carbon Tetrachloride	7.95	117	832	5.505	ug/l #	13
40) Benzene	8.32	78	443	1.149	ug/l #	52
52) Toluene	10.38	92	1186	4.754	ug/l	99
68) m/p-Xylenes	11.84	106	701	4.951	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	2082	98.674	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	2082	217.973	ug/l #	7

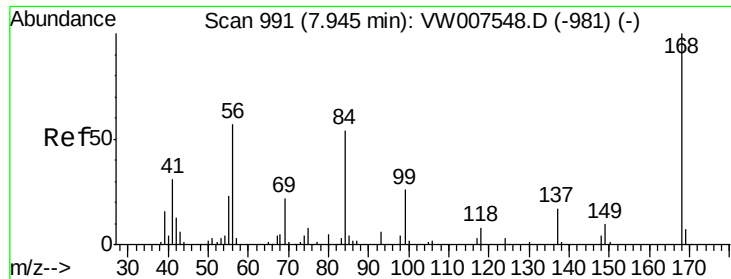
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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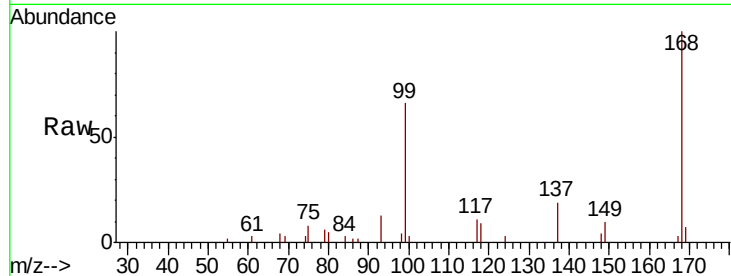




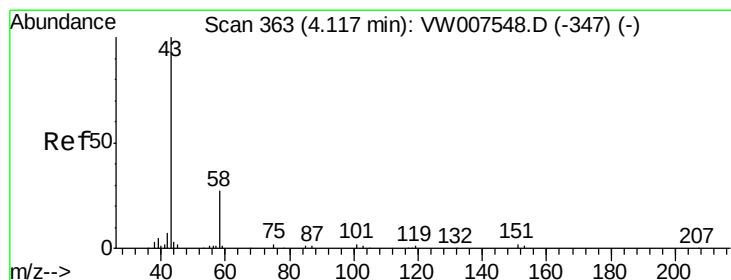
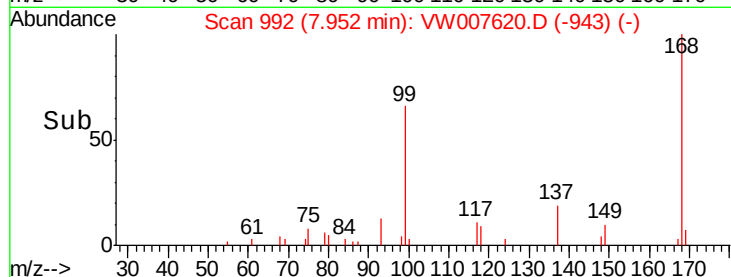
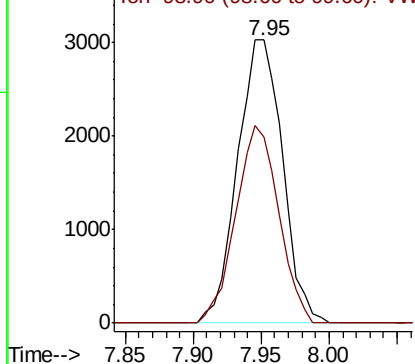
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 7004
Ion Ratio Lower Upper
168 100
99 65.7 48.3 72.5

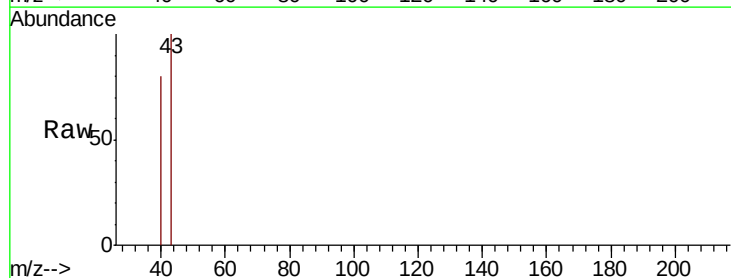


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VW

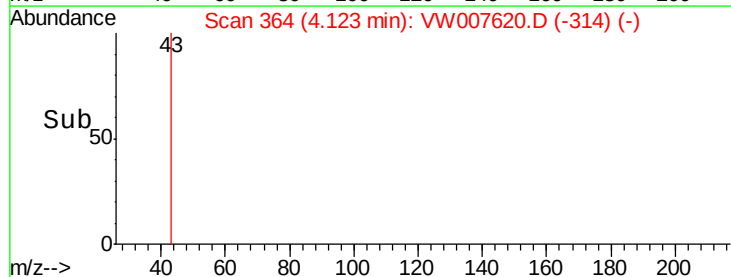
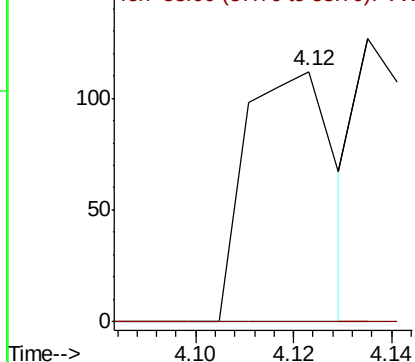


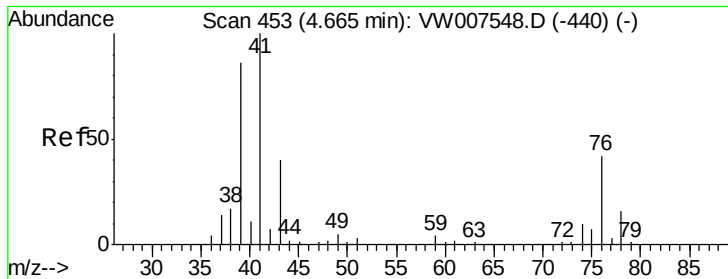
#16
Acetone
Concen: 10.315 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

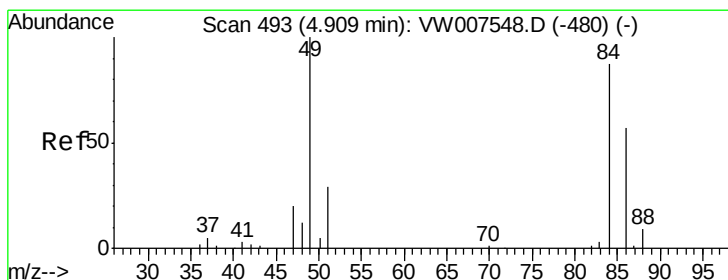
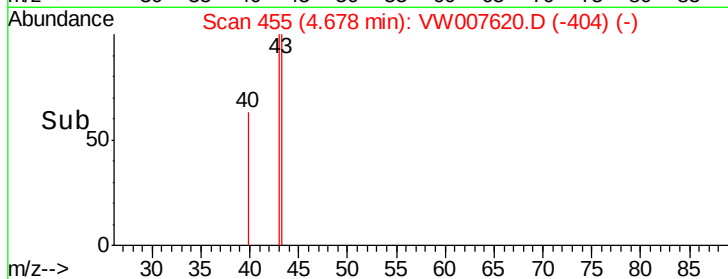
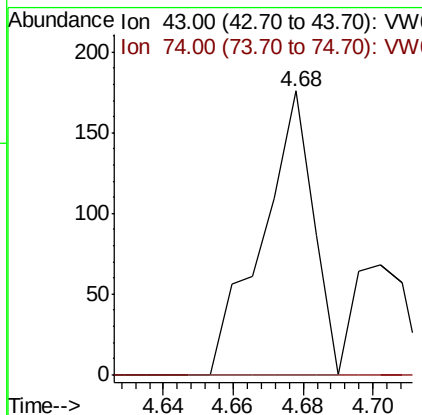
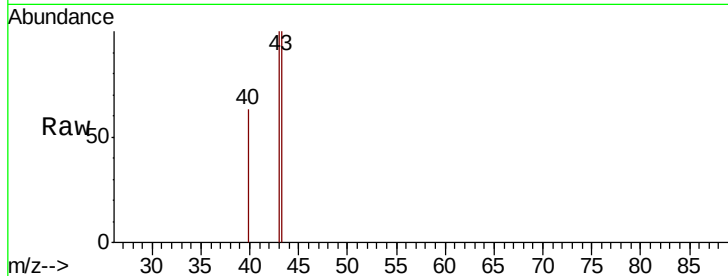




#18
Methyl Acetate
Concen: 4.859 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

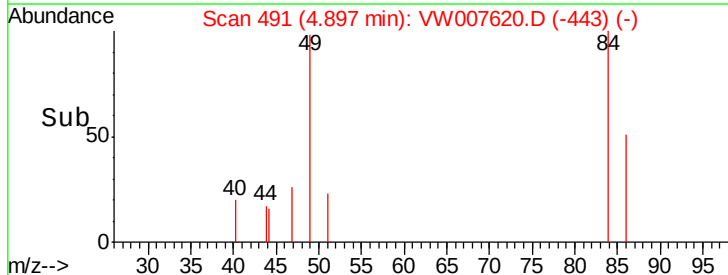
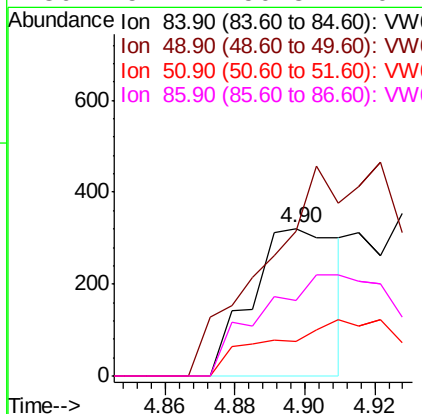
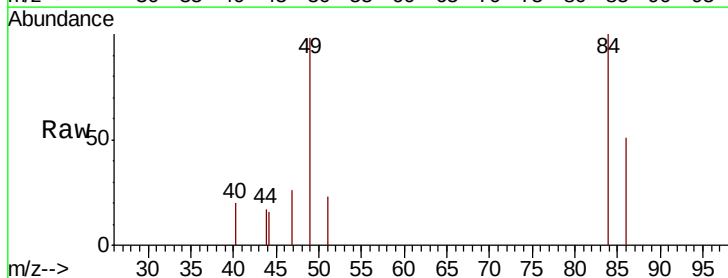
Instrument :
MSVOA_W
ClientSampled :

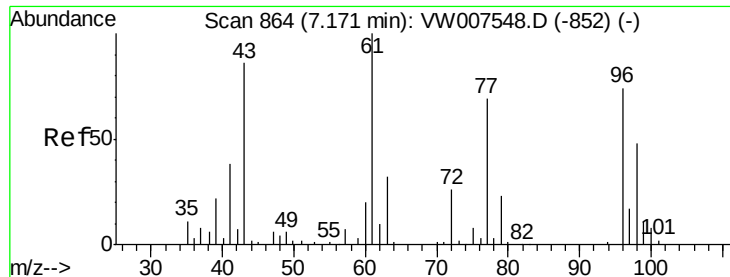
Tot Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: 3.892 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Tgt Ion: 84 Resp: 557
Ion Ratio Lower Upper
84 100
49 98.1 87.1 130.7
51 23.1 28.2 42.2#
86 51.1 50.8 76.2





#25

2-Butanone

Concen: 7.563 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW007620.D

Acq: 16 Dec 2018 09:26

Instrument :

MSVOA_W

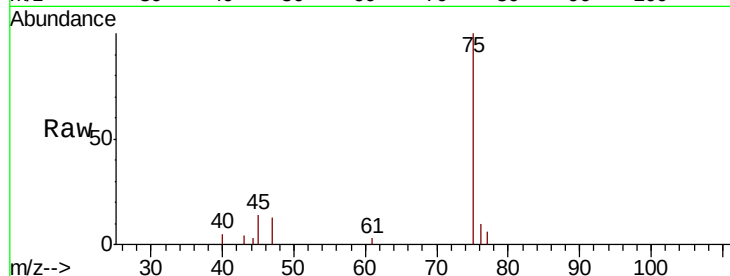
ClientSampleId :

Tot Ion: 43 Resp: 134

Ion Ratio Lower Upper

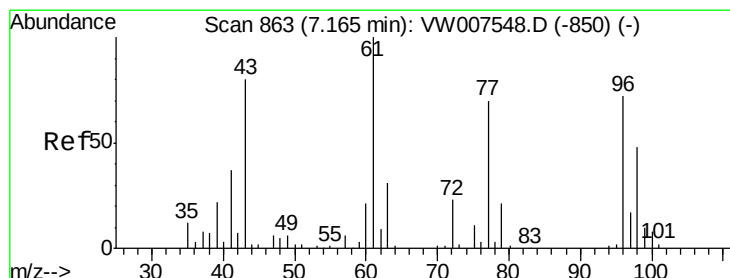
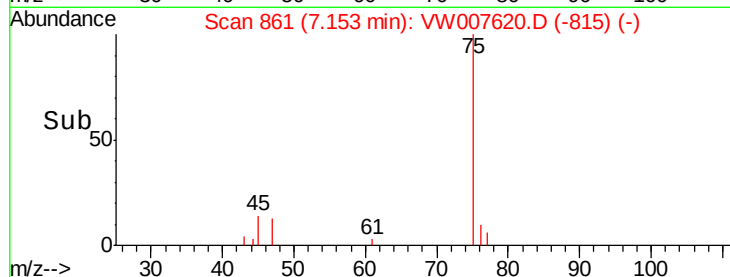
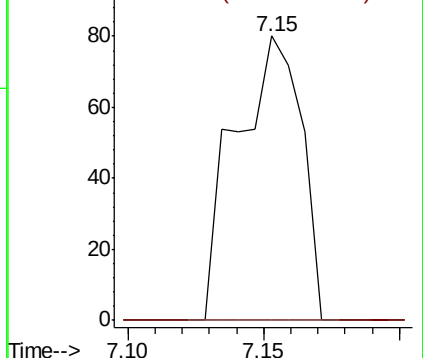
43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 2.986 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007620.D

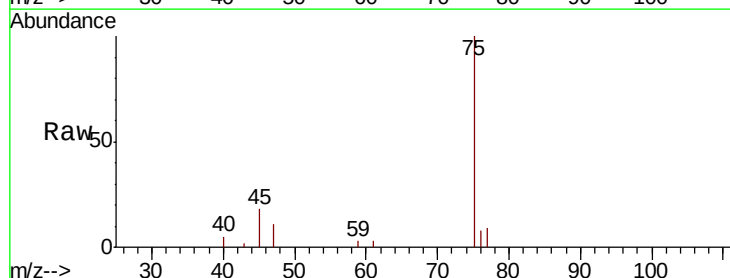
Acq: 16 Dec 2018 09:26

Tgt Ion: 77 Resp: 260

Ion Ratio Lower Upper

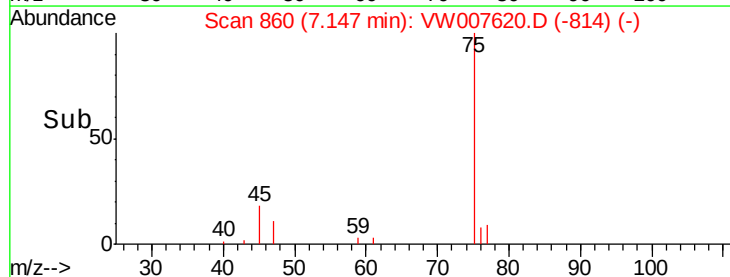
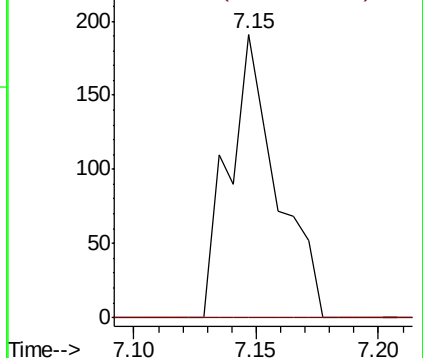
77 100

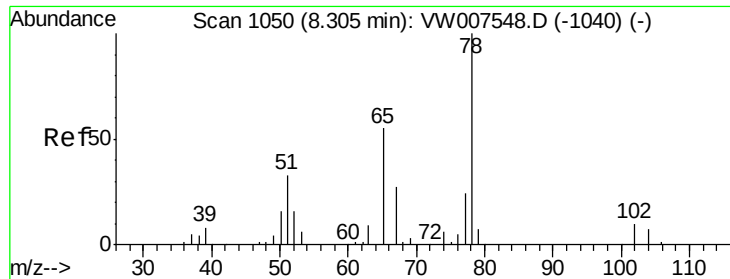
97 0.0 11.6 34.8#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

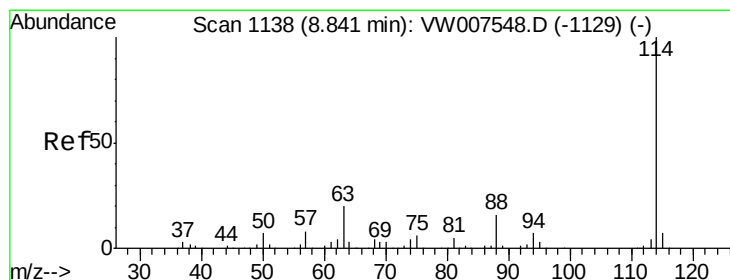
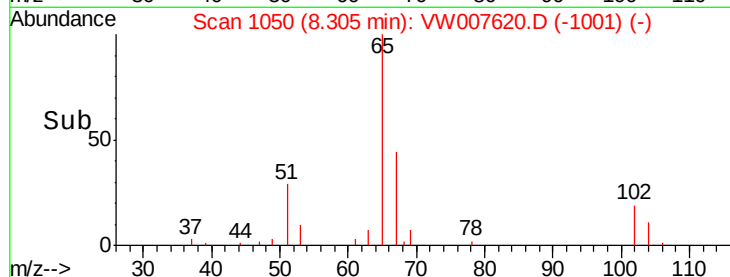
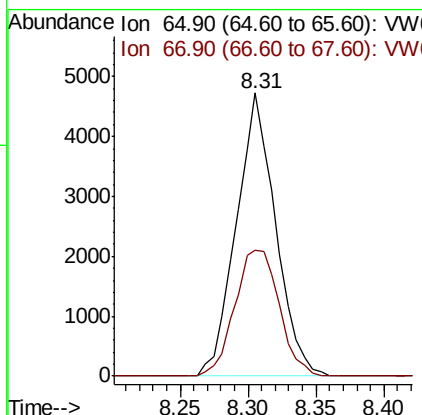
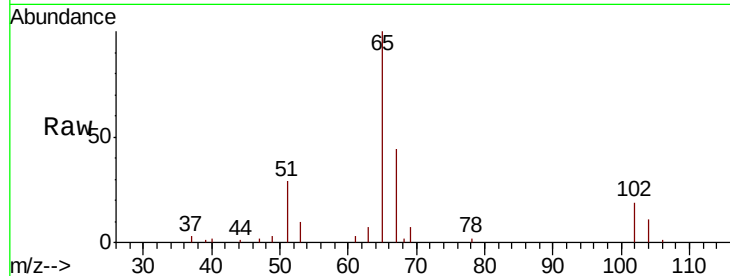




#33
 1,2-Dichloroethane-d4
 Concen: 122.401 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007620.D
 Acq: 16 Dec 2018 09:26

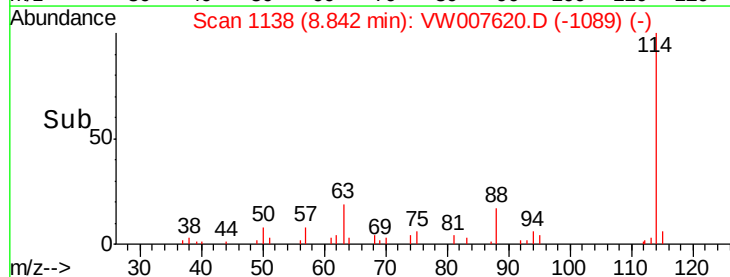
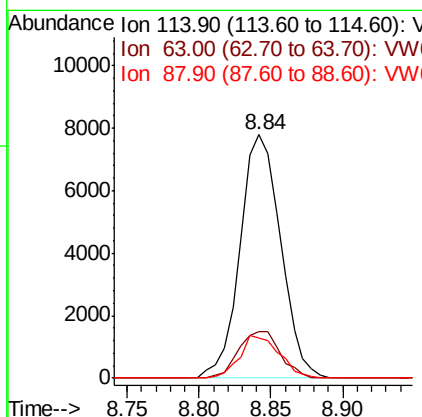
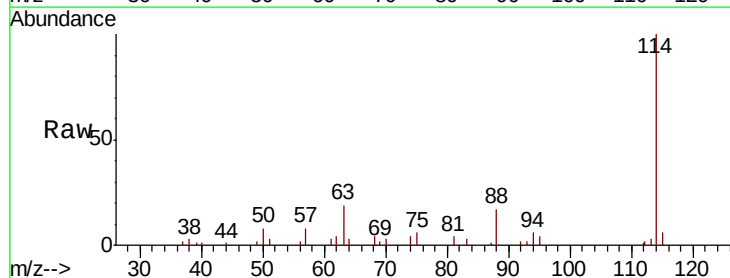
Instrument :
 MSVOA_W
 ClientSampled :

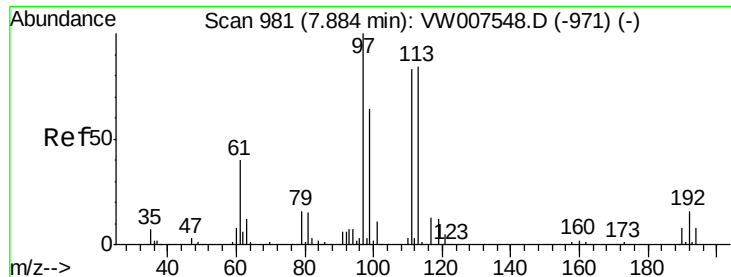
Tot Ion: 65 Resp: 9511
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007620.D
 Acq: 16 Dec 2018 09:26

Tgt Ion: 114 Resp: 15226
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 16.5 0.0 31.4

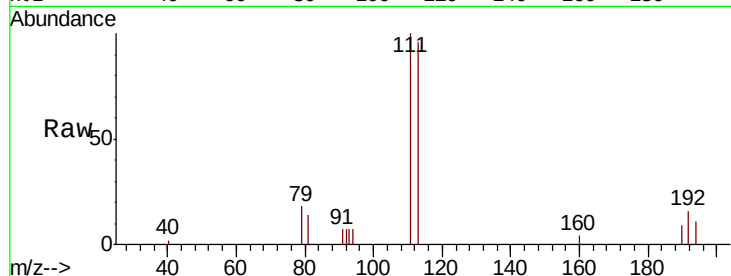




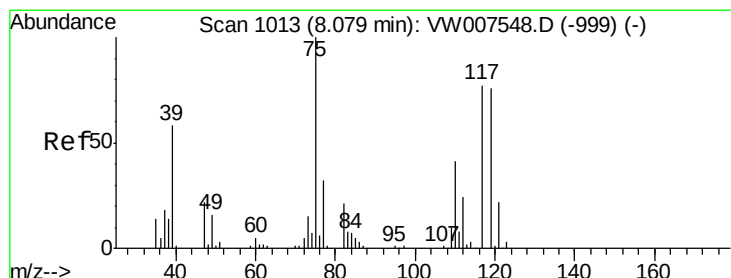
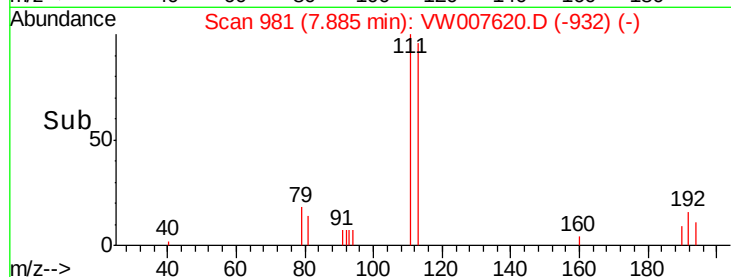
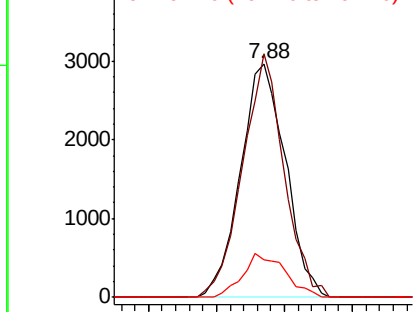
#35
 Dibromofluoromethane
 Concen: 74.244 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007620.D
 Acq: 16 Dec 2018 09:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 6843
 Ion Ratio Lower Upper
 113 100
 111 96.1 81.1 121.7
 192 17.5 14.6 21.8

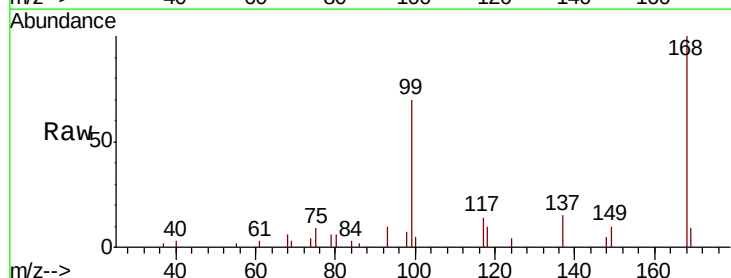


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

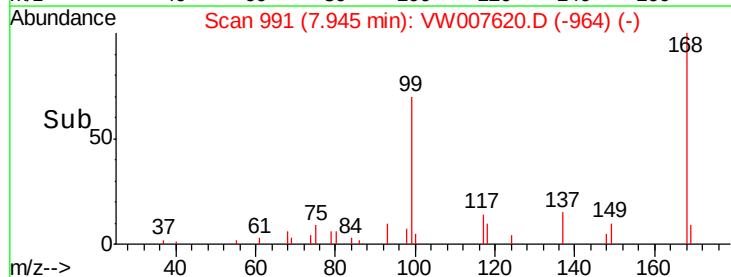
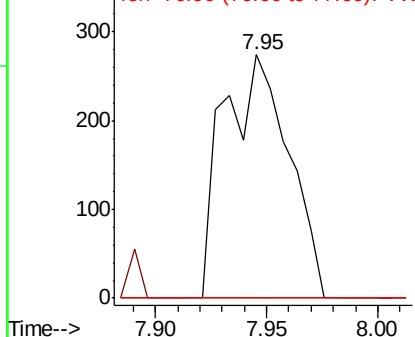


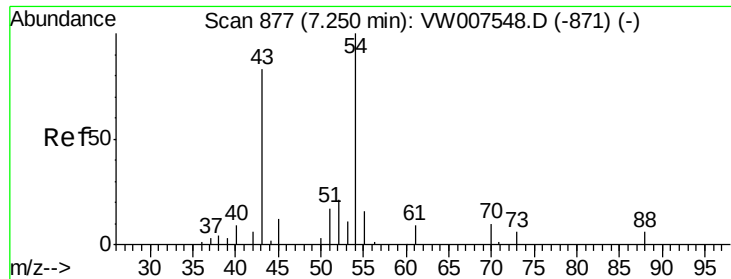
#36
 1,1-Dichloropropene
 Concen: 4.010 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007620.D
 Acq: 16 Dec 2018 09:26

Tgt Ion: 75 Resp: 557
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.5 55.5#
 77 0.0 25.6 38.4#



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

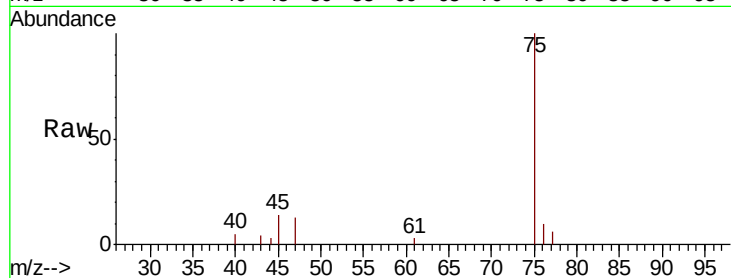




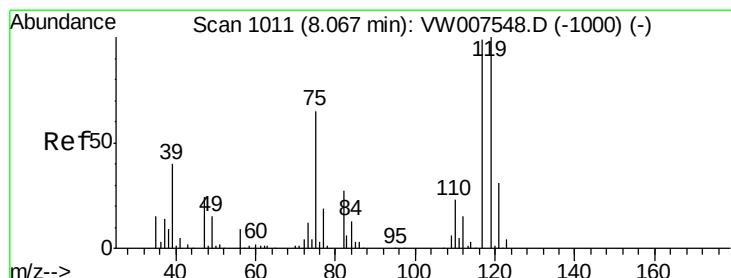
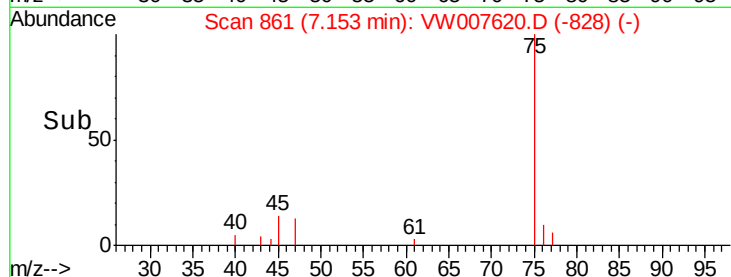
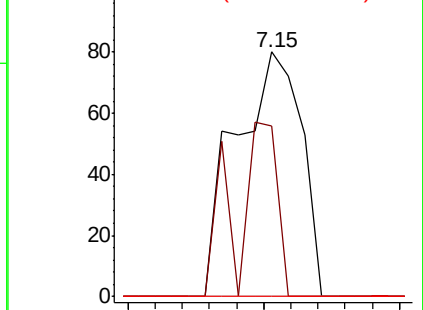
#37
Ethyl Acetate
Concen: 2.594 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.10 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
61 44.8 12.1 18.1#
70 0.0 10.0 15.0#

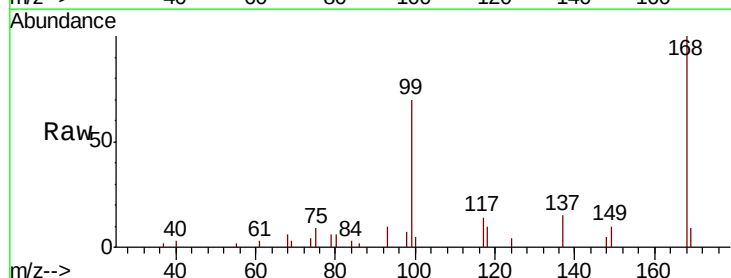


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

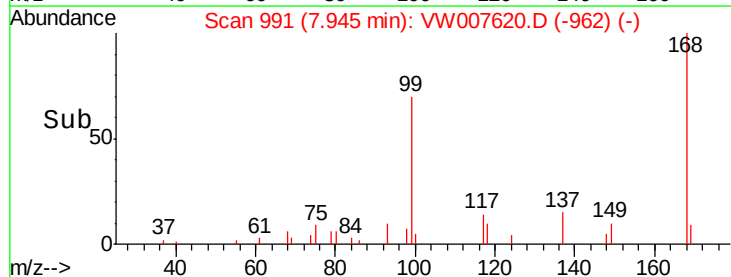
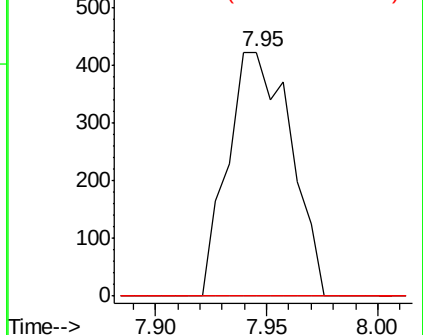


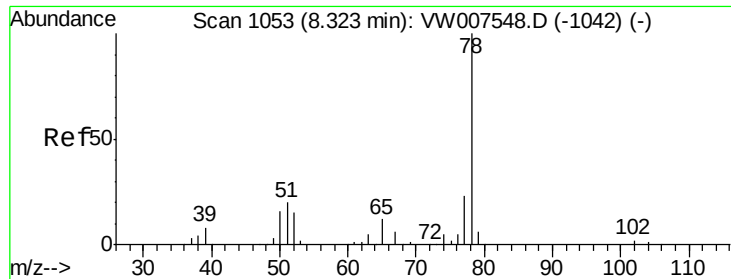
#38
Carbon Tetrachloride
Concen: 5.505 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Tgt Ion: 117 Resp: 832
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#



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

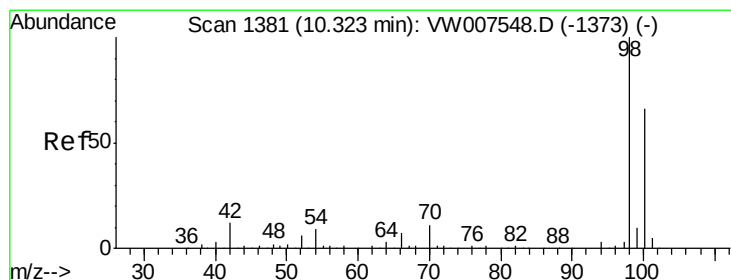
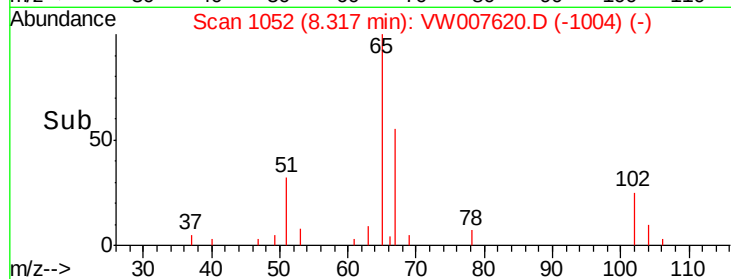
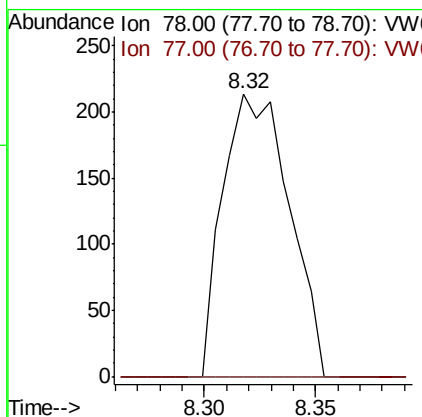
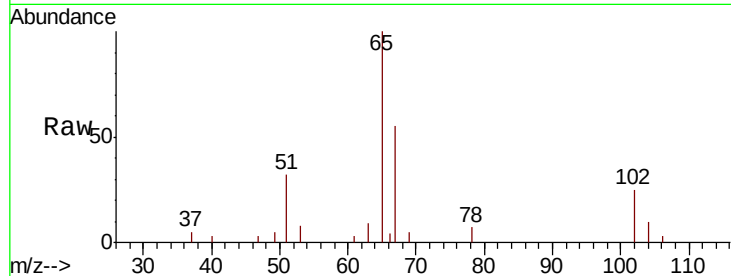




#40
Benzene
Concen: 1.149 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

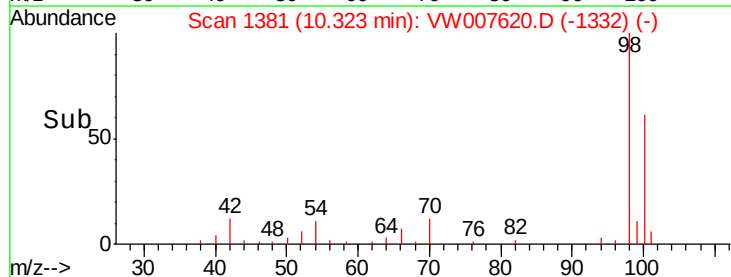
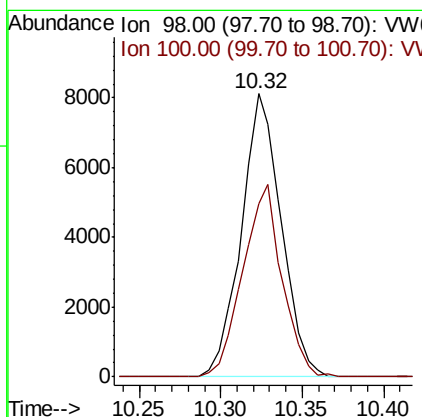
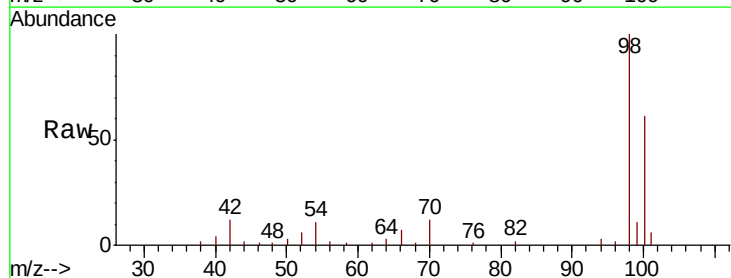
Instrument :
MSVOA_W
ClientSampled :

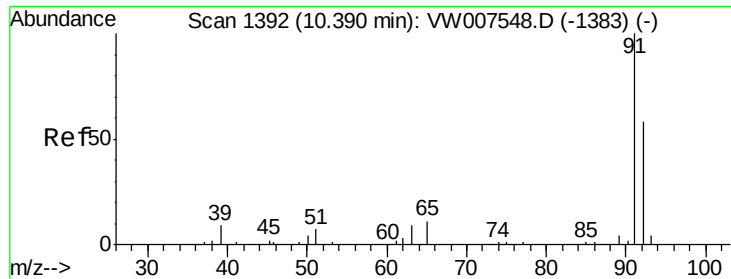
Tot Ion: 78 Resp: 443
Ion Ratio Lower Upper
78 100
77 0.0 18.8 28.2#



#50
Toluene-d8
Concen: 39.964 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Tgt Ion: 98 Resp: 13811
Ion Ratio Lower Upper
98 100
100 66.8 51.8 77.8





#52

Toluene

Concen: 4.754 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007620.D

Acq: 16 Dec 2018 09:26

Instrument :

MSVOA_W

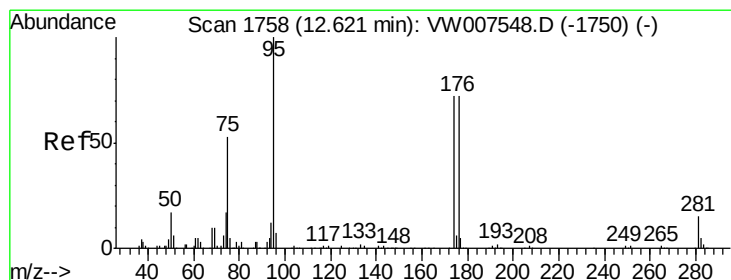
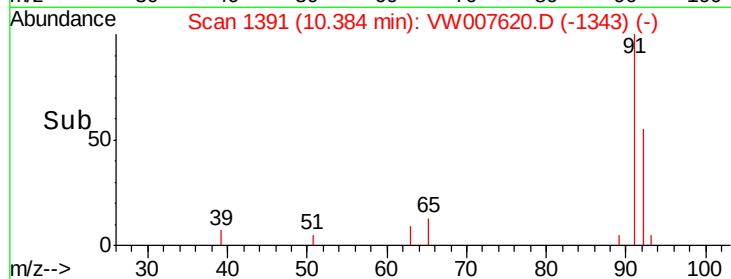
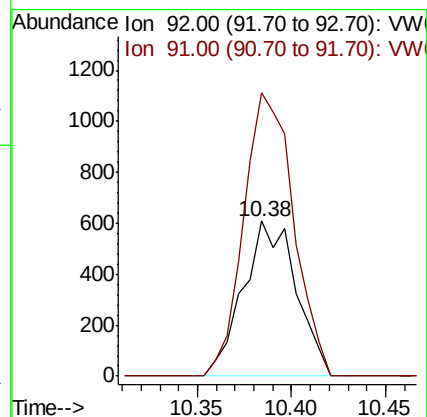
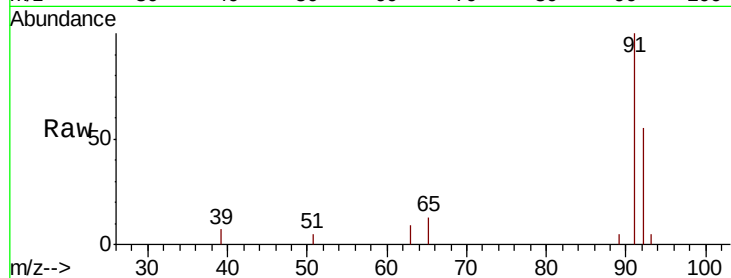
ClientSampleId :

Tot Ion: 92 Resp: 1186

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 31.788 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007620.D

Acq: 16 Dec 2018 09:26

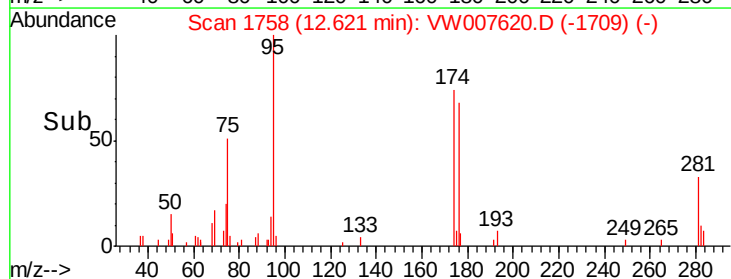
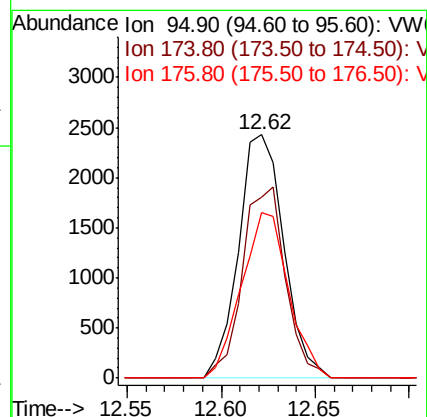
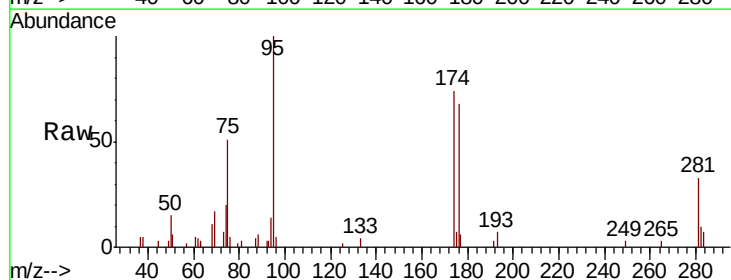
Tgt Ion: 95 Resp: 4039

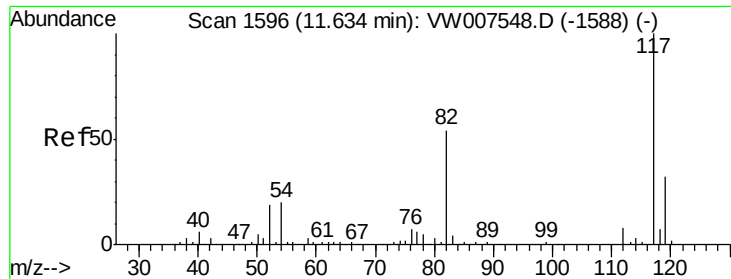
Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

176 71.0 0.0 138.8

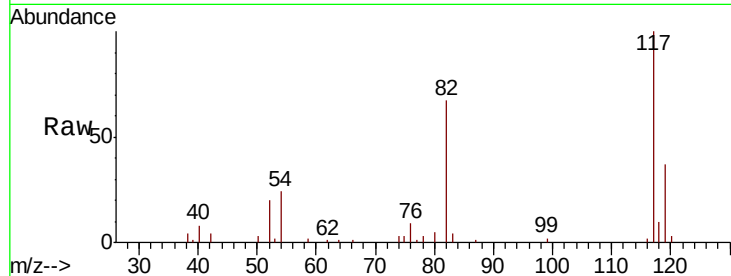




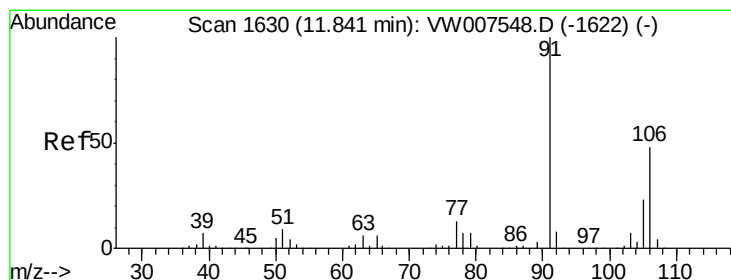
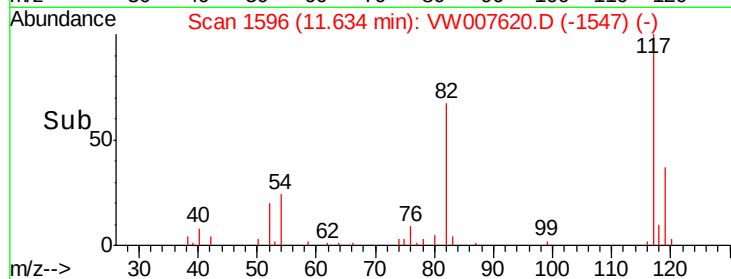
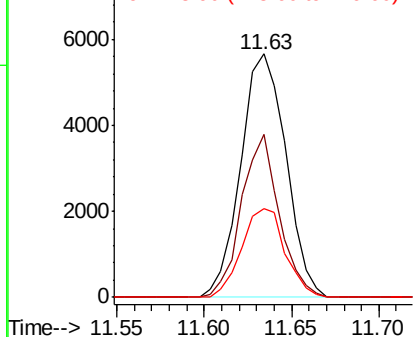
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 10164
Ion Ratio Lower Upper
117 100
82 67.0 42.3 63.5#
119 36.6 23.0 34.6#

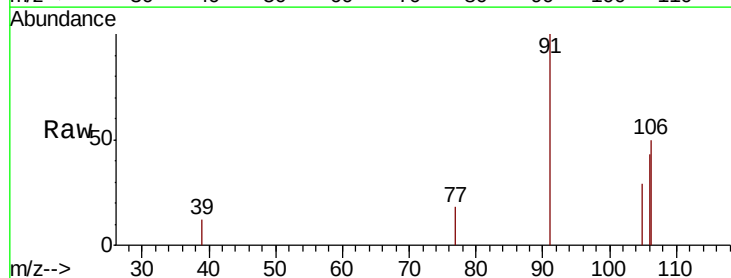


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

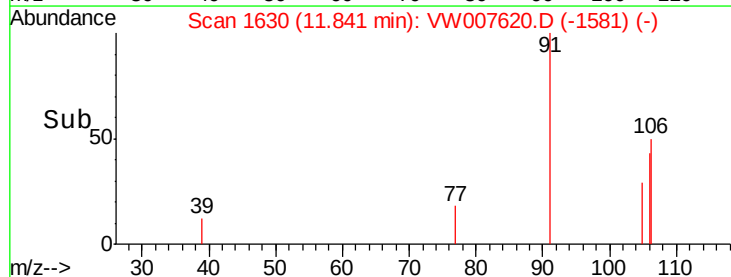
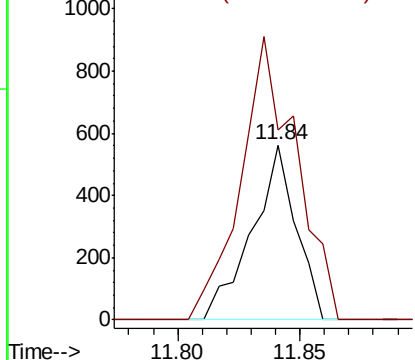


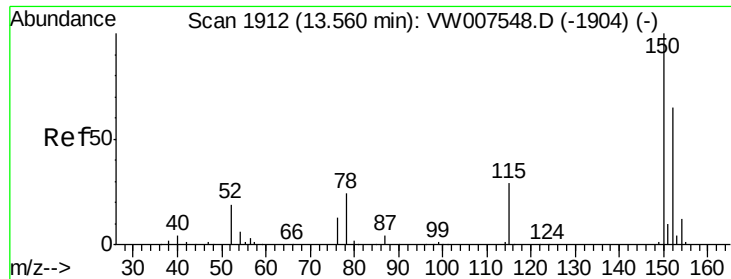
#68
m/p-Xylenes
Concen: 4.951 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007620.D
Acq: 16 Dec 2018 09:26

Tgt Ion:106 Resp: 701
Ion Ratio Lower Upper
106 100
91 203.3 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007620.D

Acq: 16 Dec 2018 09:26

Instrument :

MSVOA_W

ClientSampleId :

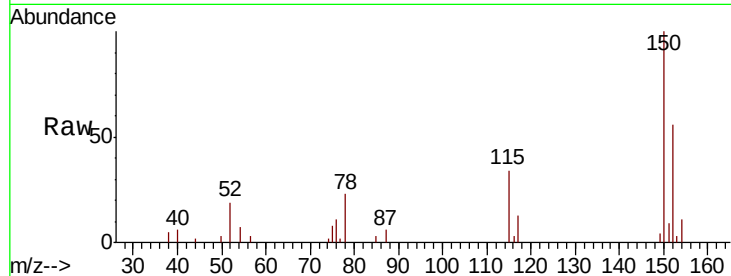
Tot Ion:152 Resp: 2559

Ion Ratio Lower Upper

152 100

115 62.2 31.4 94.2

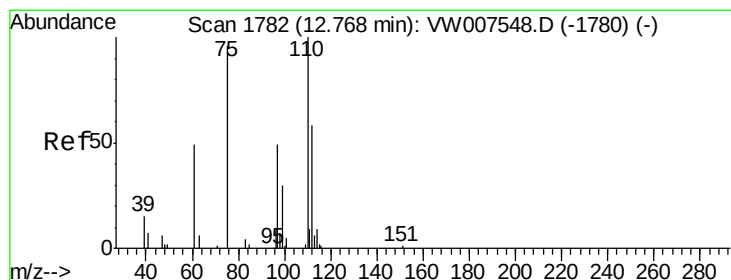
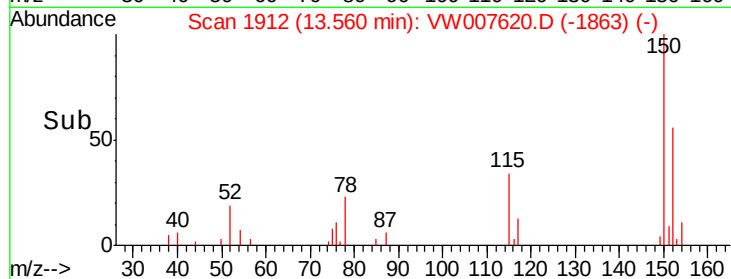
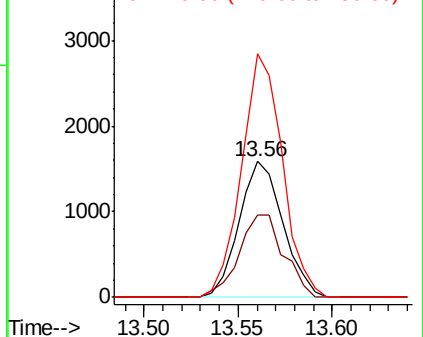
150 166.8 0.0 358.4



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: 98.674 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007620.D

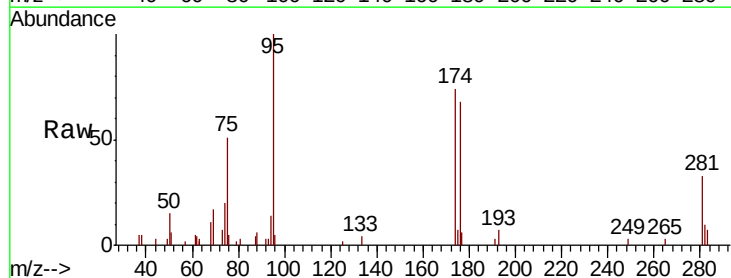
Acq: 16 Dec 2018 09:26

Tgt Ion: 75 Resp: 2082

Ion Ratio Lower Upper

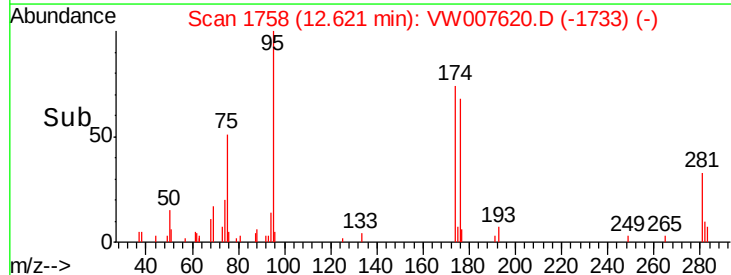
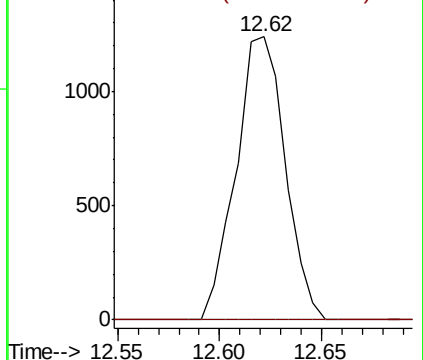
75 100

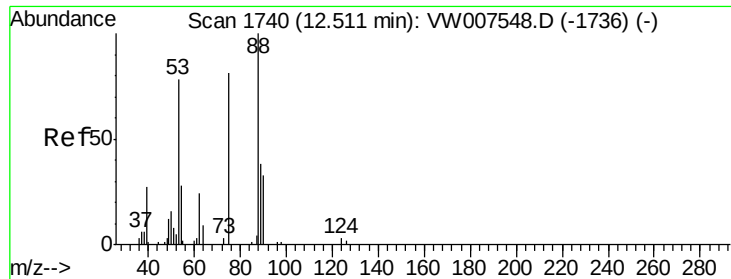
77 0.0 166.9 500.8#



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: 217.973 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007620.D

Acq: 16 Dec 2018 09:26

Instrument :

MSVOA_W

ClientSampleId :

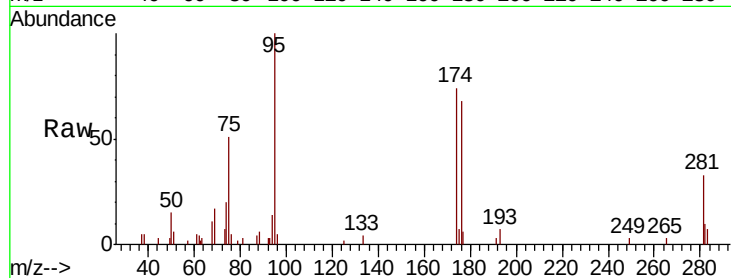
Tot Ion: 75 Resp: 2082

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

