

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003731.D
 Acq On : 05 Jul 2018 19:37
 Operator : SY/AP
 Sample : J3845-10
 Misc : 5.04G/7ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :

Quant Time: Jul 06 02:37:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	64278	52.21	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	104.42%
35) Dibromofluoromethane	7.88	113	55738	49.70	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	99.40%
50) Toluene-d8	10.33	98	163359	37.11	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	74.22%
62) 4-Bromofluorobenzene	12.62	95	55655	35.19	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	70.38%

Target Compounds

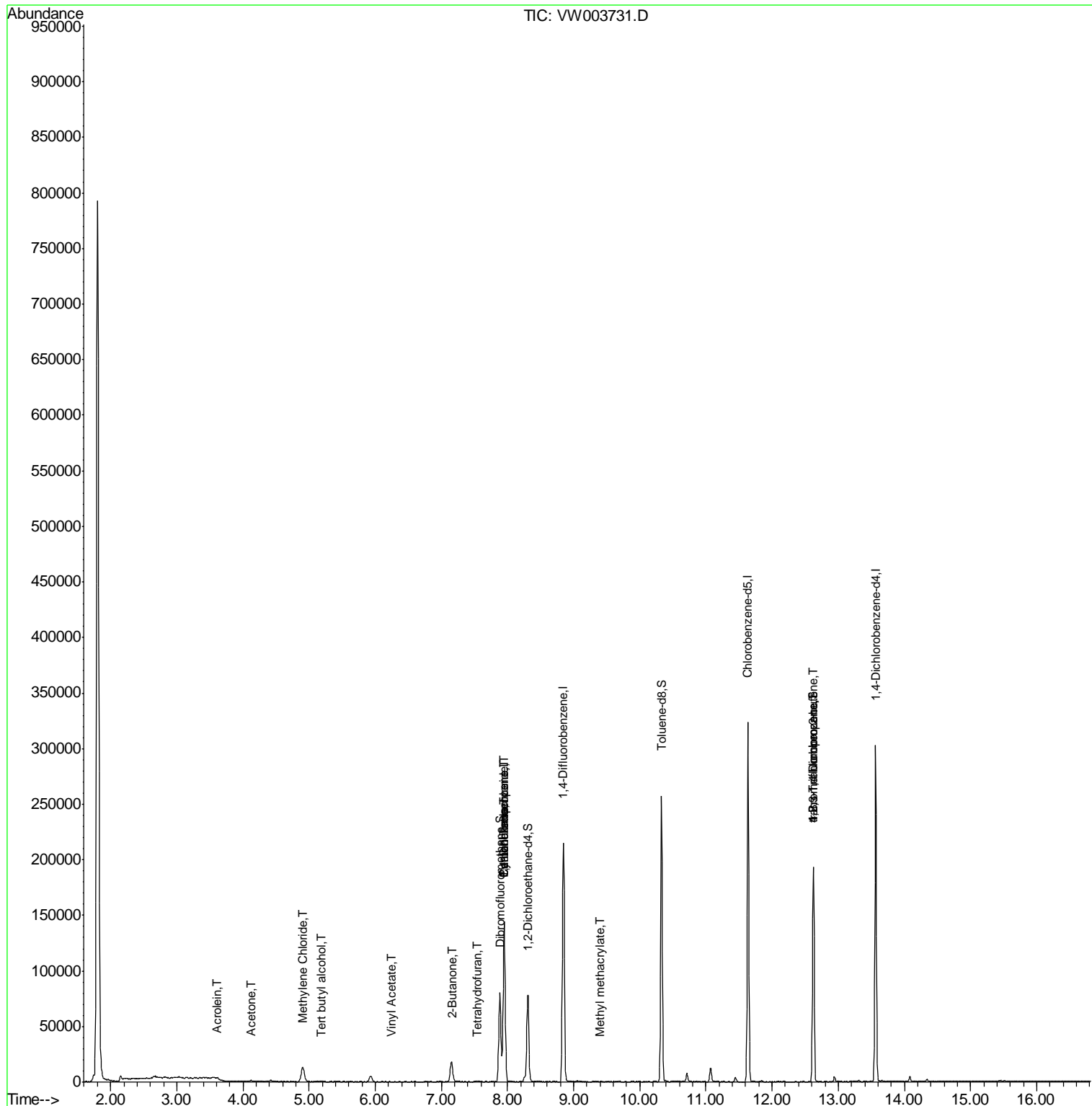
						Qvalue
11) Tert butyl alcohol	5.19	59	317	4.115	ug/l #	71
13) Acrolein	3.61	56	45	1.204	ug/l #	16
16) Acetone	4.13	43	1508	5.131	ug/l	89
20) Methylene Chloride	4.90	84	10131	6.066	ug/l	92
23) Vinyl Acetate	6.25	43	24	13.873	ug/l #	74
25) 2-Butanone	7.17	43	1254	3.332	ug/l #	50
29) Tetrahydrofuran	7.54	42	351	1.556	ug/l #	60
31) Cyclohexane	7.95	56	2770	1.472	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	8941	5.180	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10496	6.392	ug/l #	18
48) Methyl methacrylate	9.40	41	24	3.391	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	30291	44.586	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30291	94.475	ug/l #	9

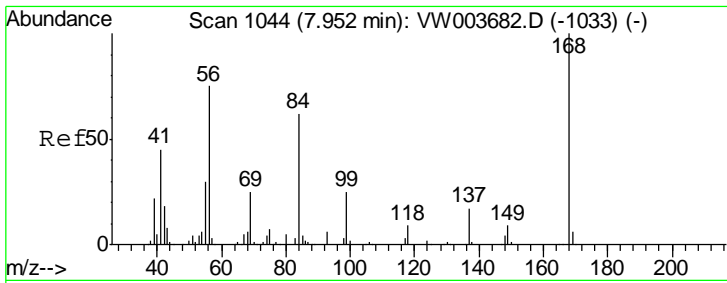
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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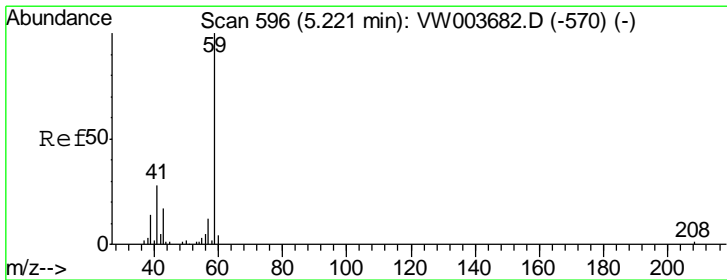
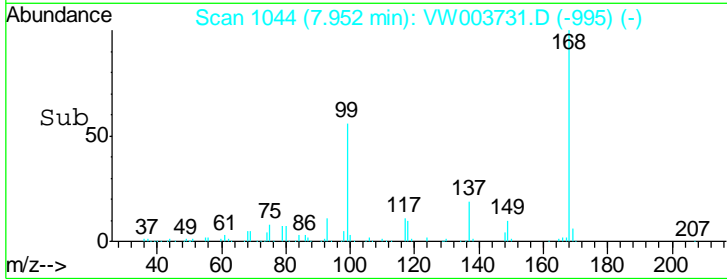
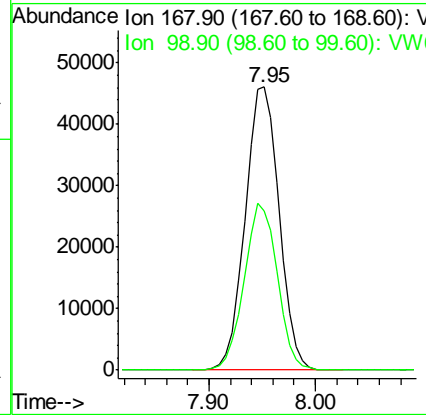
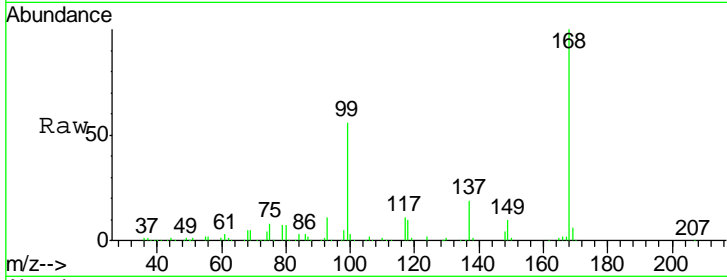




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

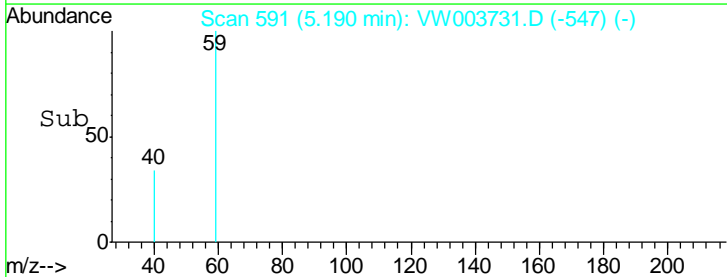
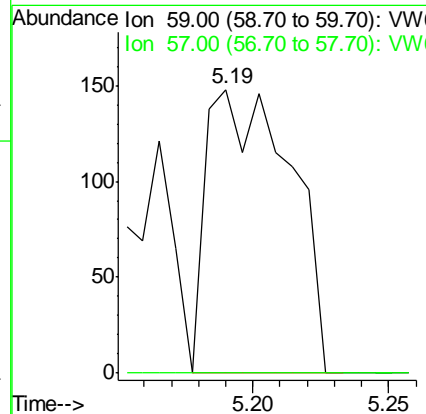
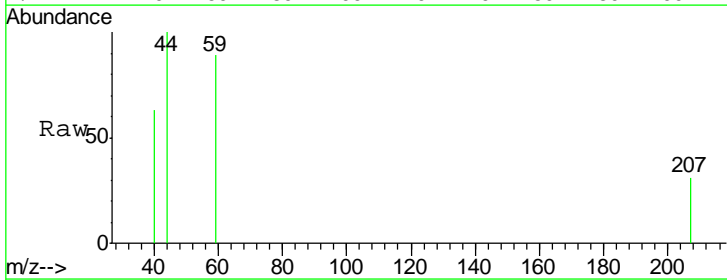
Instrument :
 MSVOA_W
 ClientSampled :

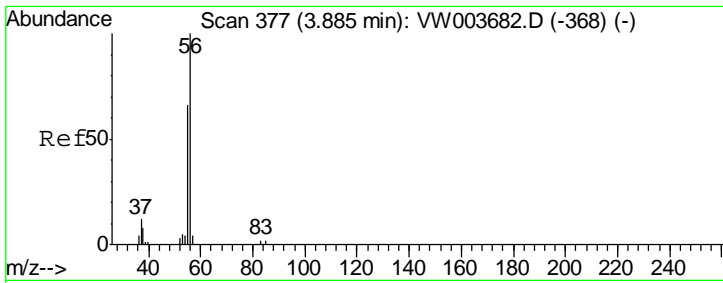
Tgt Ion	Resp	Lower	Upper
168	103274		
99	56.3	45.4	68.2



#11
 Tert butyl alcohol
 Concen: 4.115 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. -0.03 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
59	317		
57	0.0	9.0	13.4#

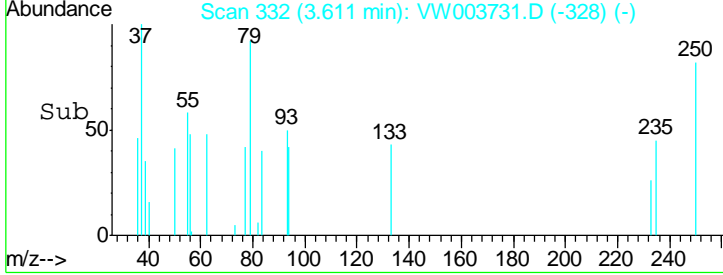
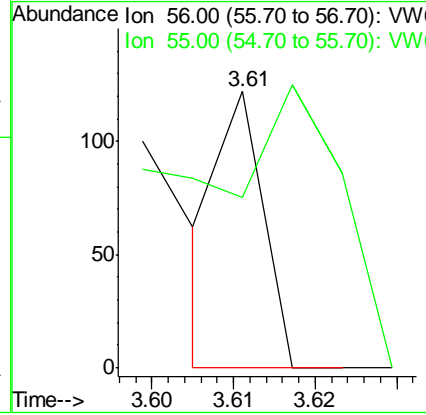
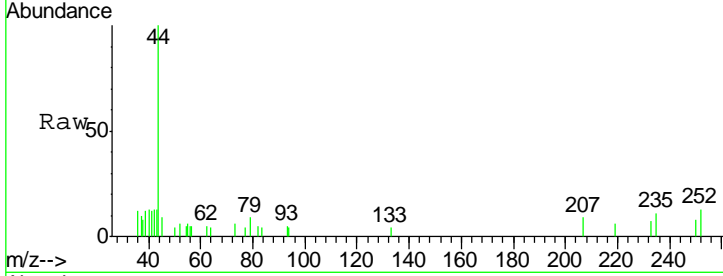




#13
 Acrolein
 Concen: 1.204 ug/l
 RT: 3.61 min Scan# 332
 Delta R.T. -0.27 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

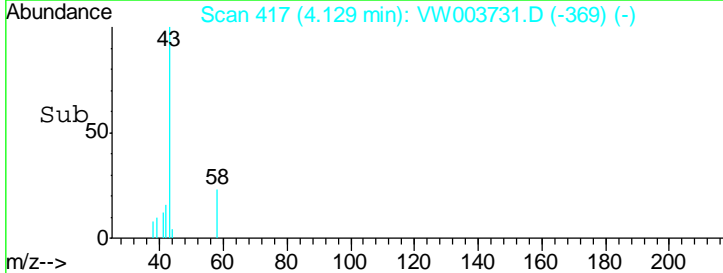
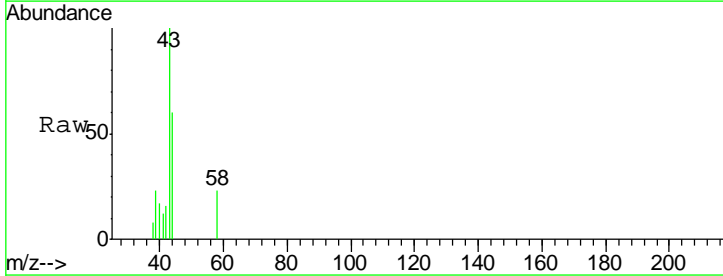
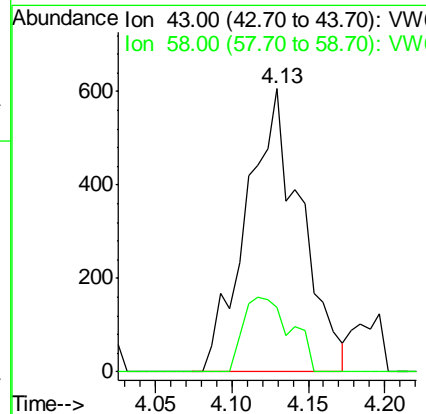
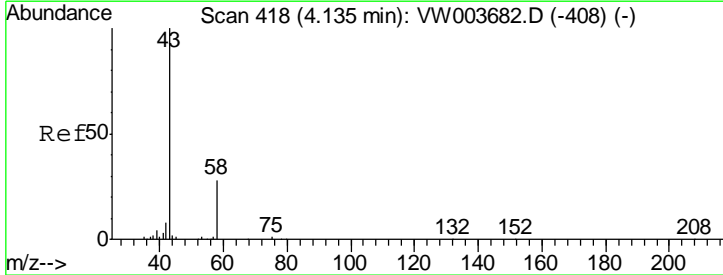
Instrument :
 MSVOA_W
 ClientSampled :

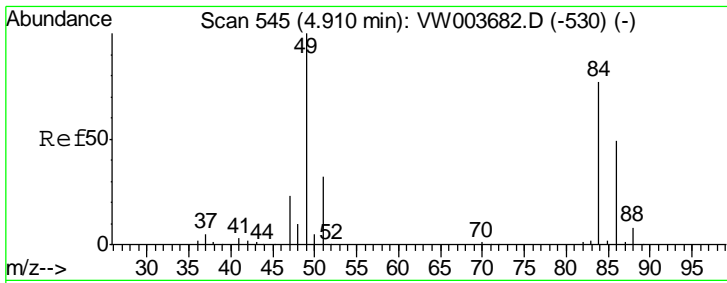
Tgt Ion	Resp	Lower	Upper
56	100		
55	0.0	54.7	82.1#



#16
 Acetone
 Concen: 5.131 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
43	100		
58	22.8	22.7	34.1

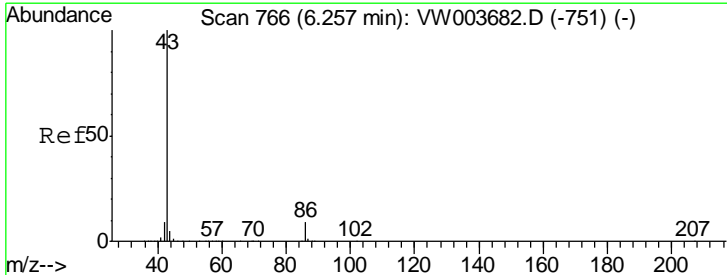
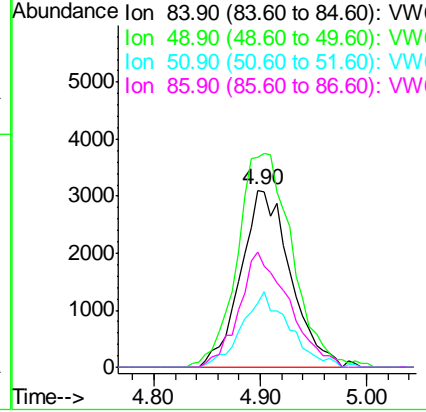
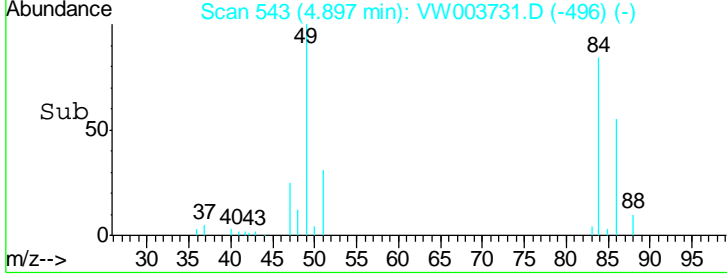
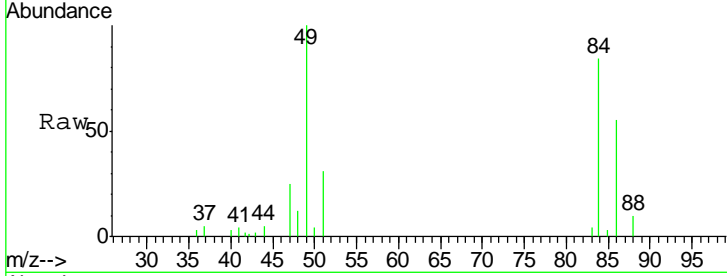




#20
 Methylene Chloride
 Concen: 6.066 ug/l
 RT: 4.90 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

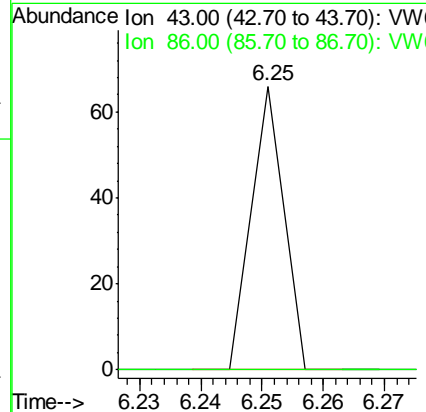
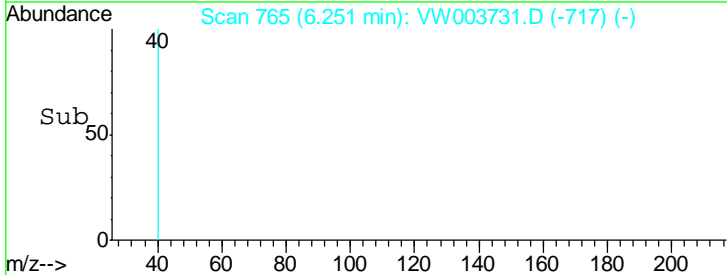
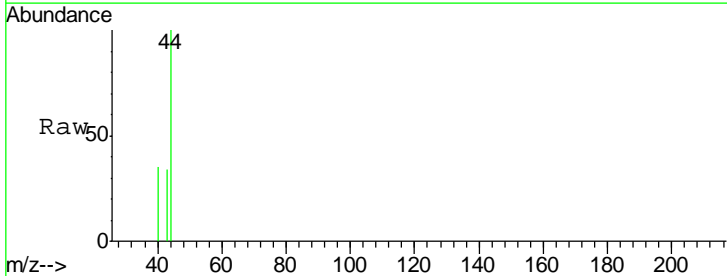
Instrument :
 MSVOA_W
 ClientSampled :

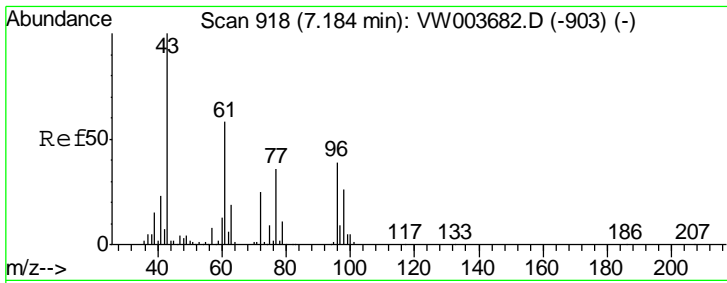
Tgt Ion	Resp	Lower	Upper
84	10131		
49	116.9	104.6	156.8
51	36.3	33.2	49.8
86	65.2	51.7	77.5



#23
 Vinyl Acetate
 Concen: 13.873 ug/l
 RT: 6.25 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
43	24		
43	100		
86	0.0	7.5	11.3#

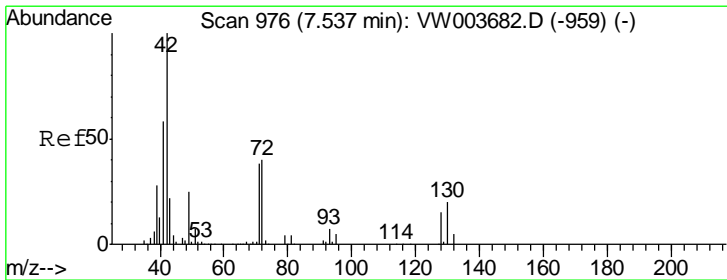
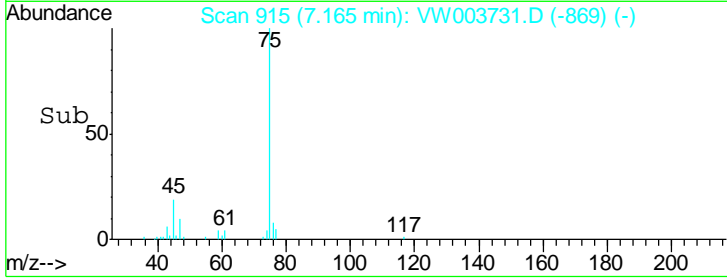
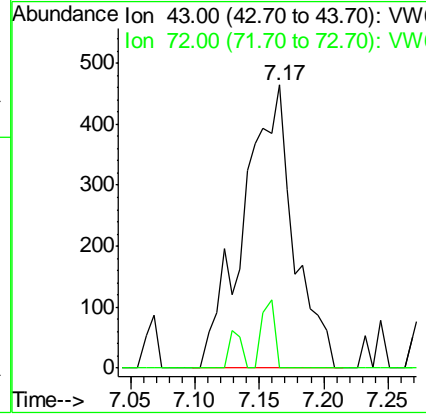
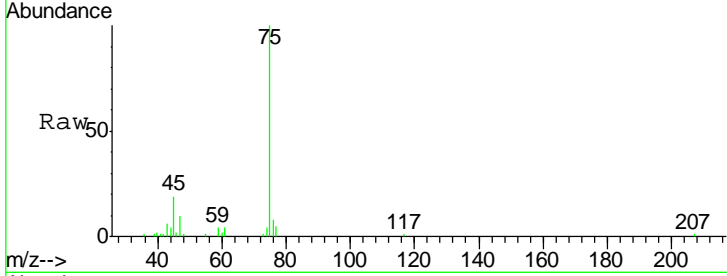




#25
 2-Butanone
 Concen: 3.332 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

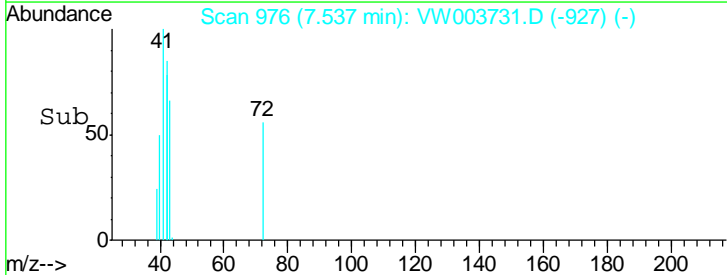
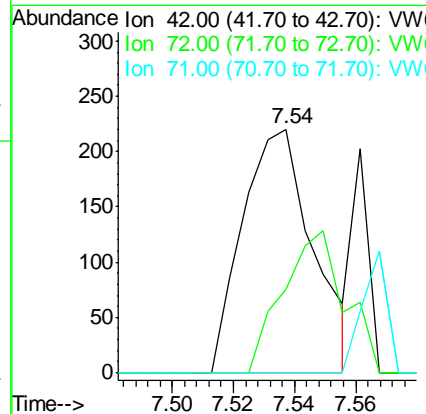
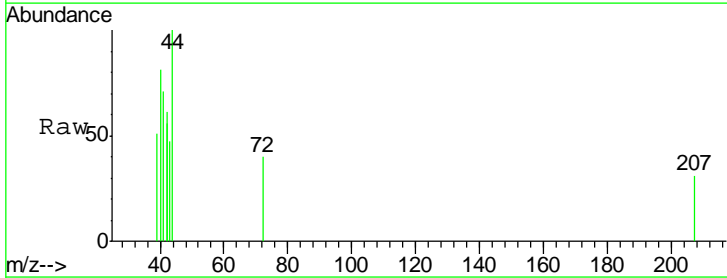
Instrument :
 MSVOA_W
 ClientSampled :

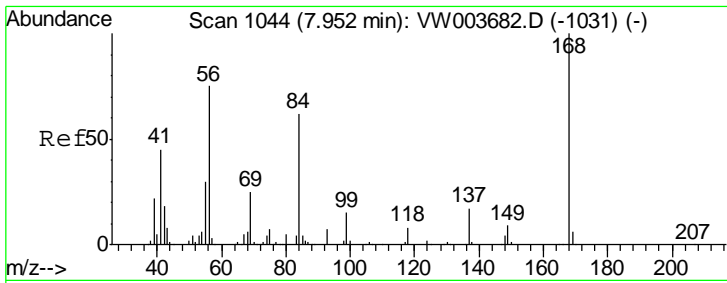
Tgt Ion	Resp	Lower	Upper
43	100		
72	0.0	20.2	30.4#



#29
 Tetrahydrofuran
 Concen: 1.556 ug/l
 RT: 7.54 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
42	100		
72	51.3	32.0	48.0#
71	0.0	30.2	45.2#

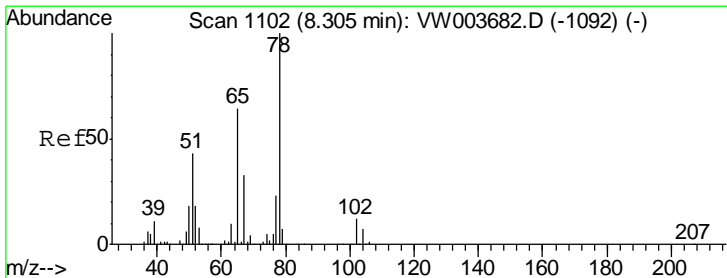
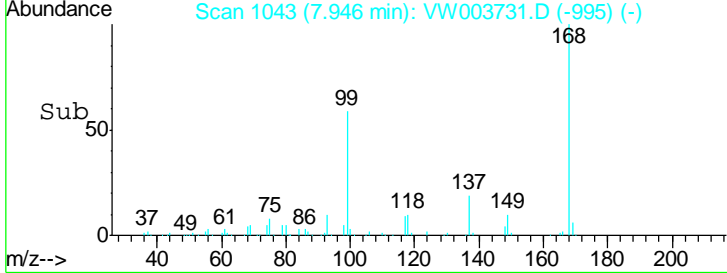
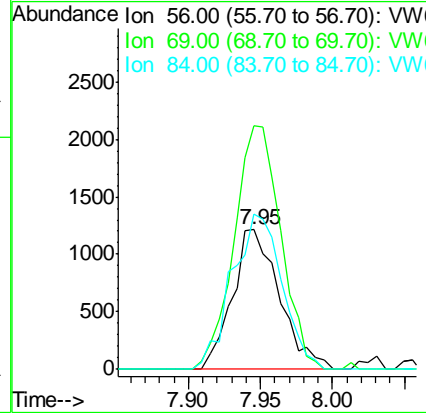
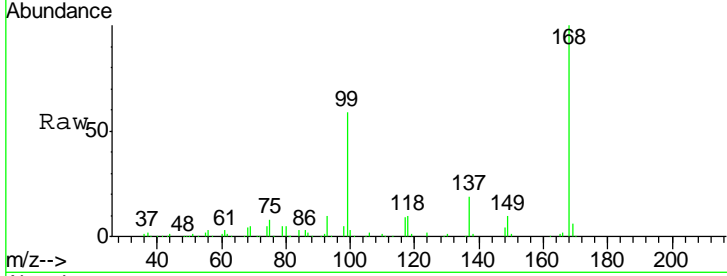




#31
 Cyclohexane
 Concen: 1.472 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

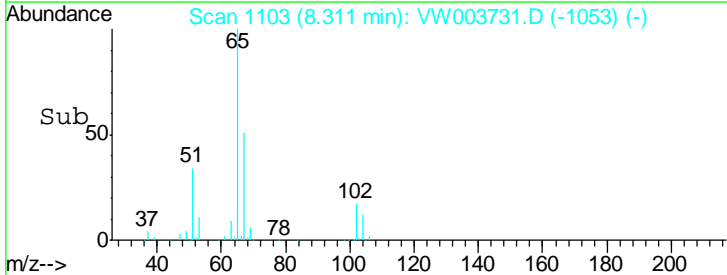
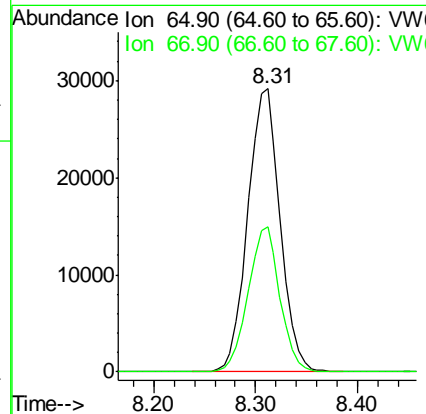
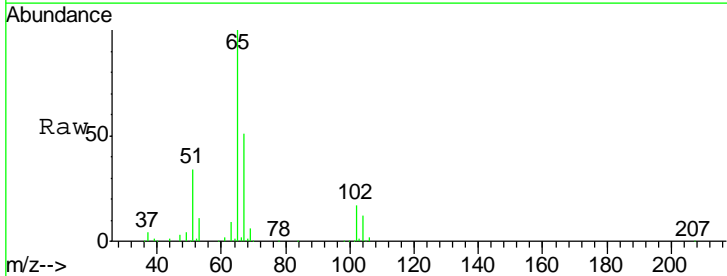
Instrument :
 MSVOA_W
 ClientSampled :

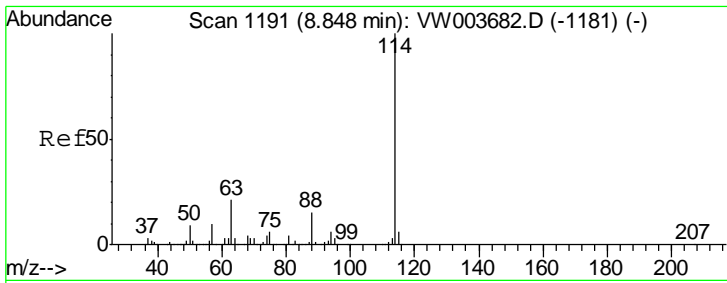
Tgt Ion	Resp	Lower	Upper
56	100		
69	174.1	27.0	40.4#
84	111.3	65.4	98.0#



#33
 1,2-Dichloroethane-d4
 Concen: 52.206 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
65	100		
67	50.3	0.0	104.0

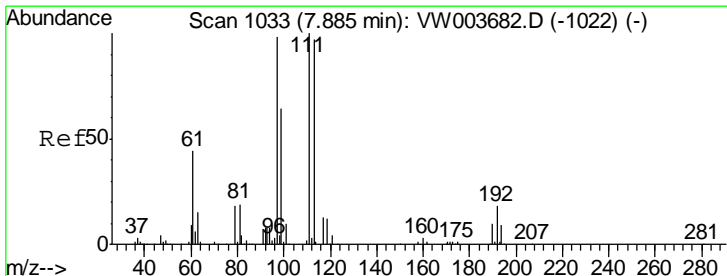
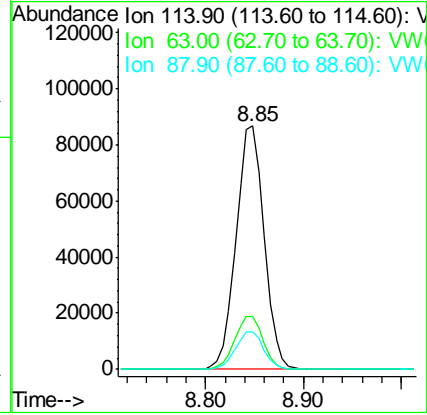
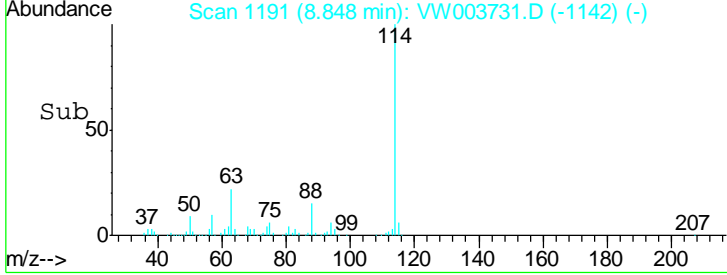
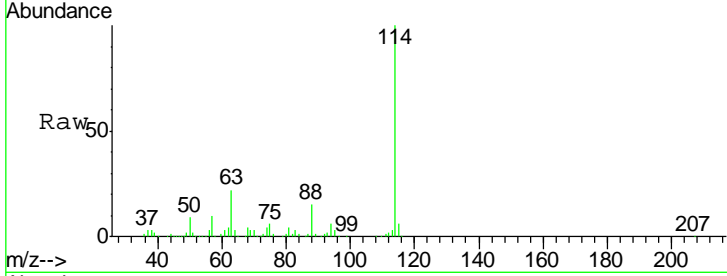




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

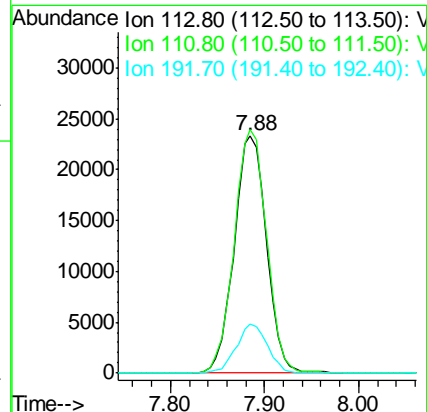
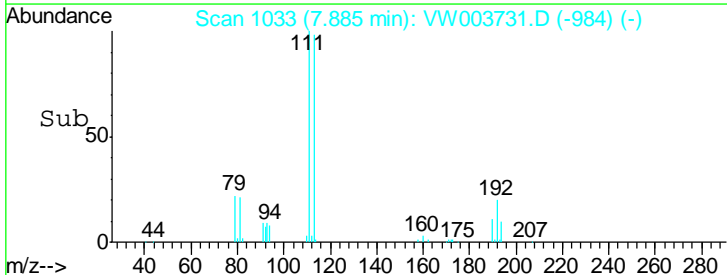
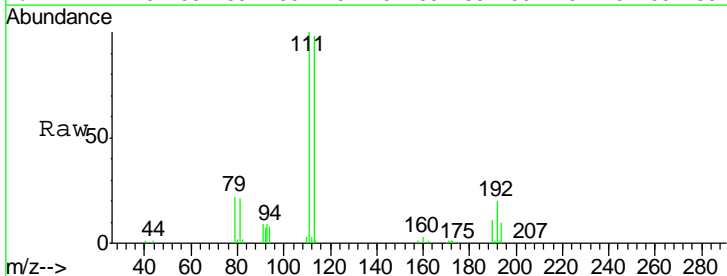
Instrument :
 MSVOA_W
 ClientSampled :

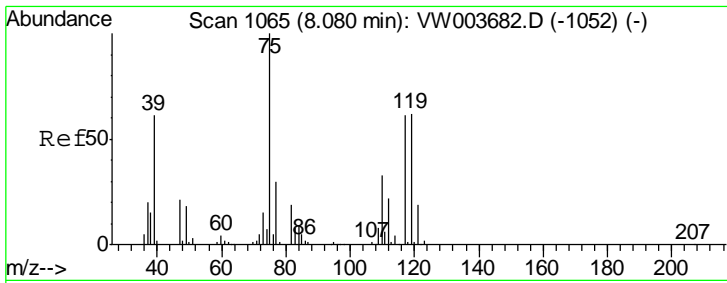
Tgt Ion	Resp	Lower	Upper
114	171952		
63	22.0	0.0	41.6
88	15.2	0.0	29.8



#35
 Dibromofluoromethane
 Concen: 49.700 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
113	55738		
111	102.8	82.4	123.6
192	20.0	15.8	23.6

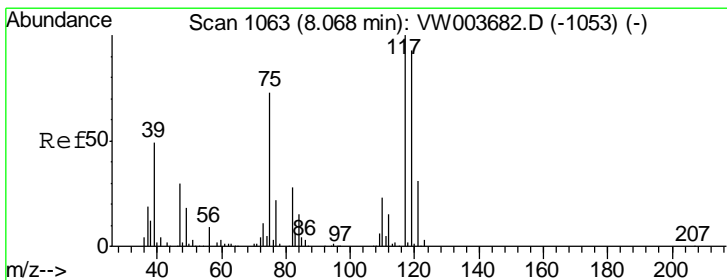
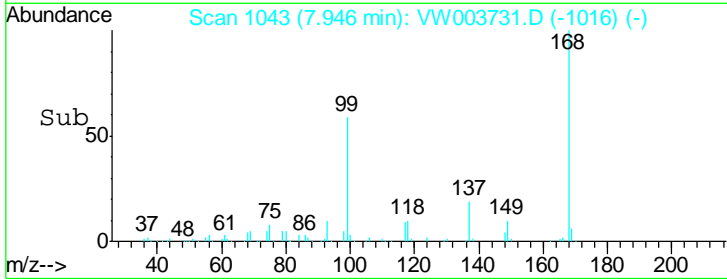
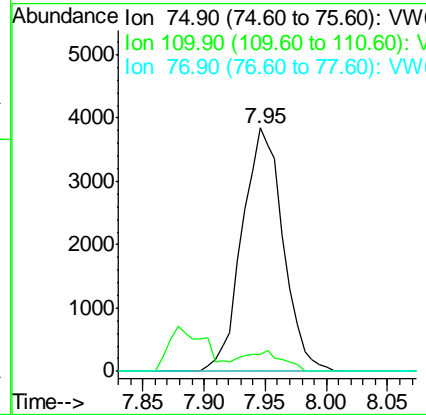
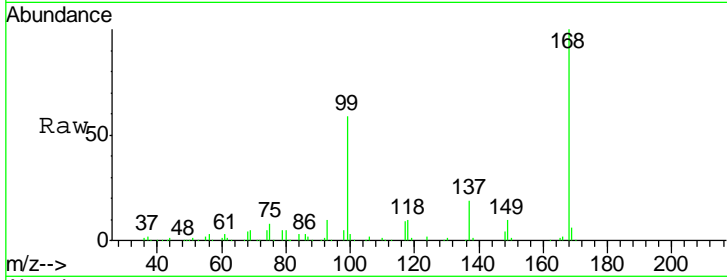




#36
 1,1-Dichloropropene
 Concen: 5.180 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

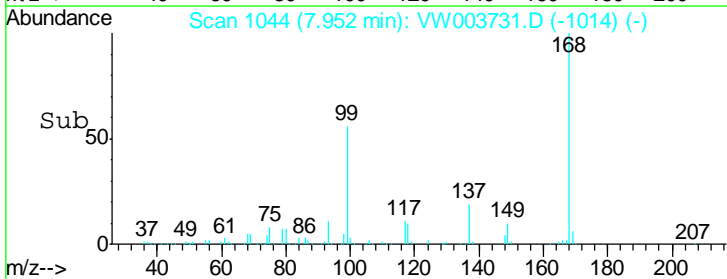
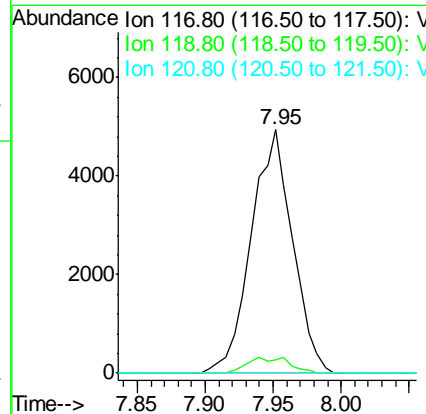
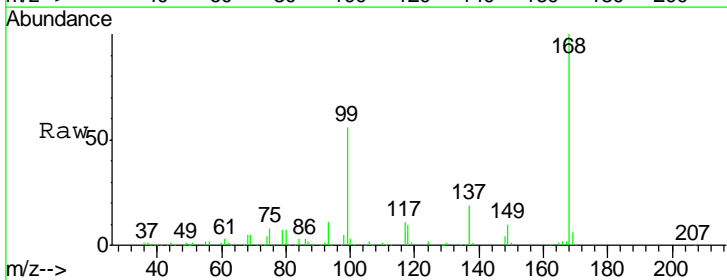
Instrument :
 MSVOA_W
 ClientSampled :

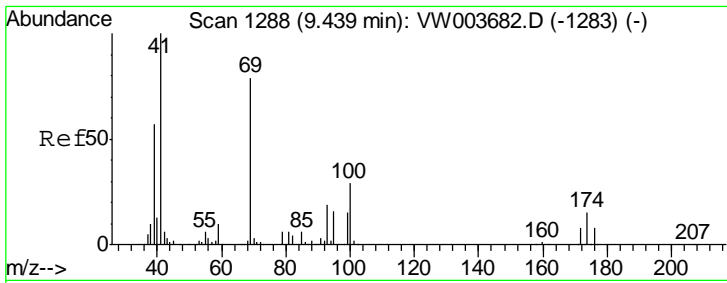
Tgt Ion	Resp	Lower	Upper
75	100		
110	8.2	16.9	50.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.392 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
117	100		
119	5.4	74.1	111.1#
121	0.0	25.0	37.4#

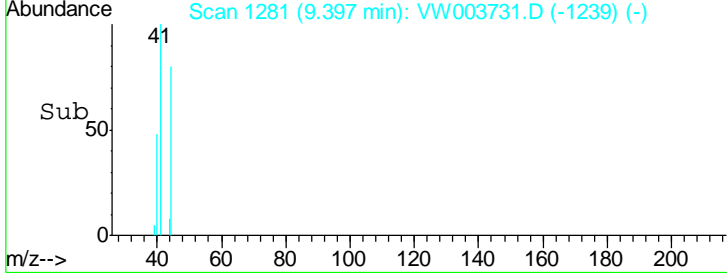
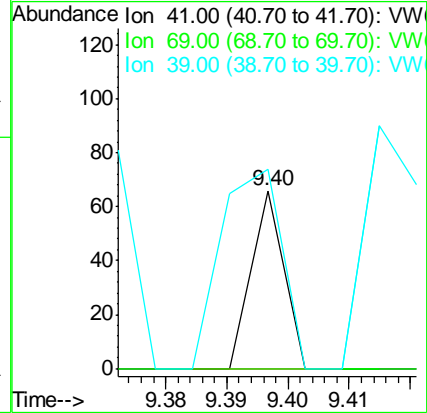
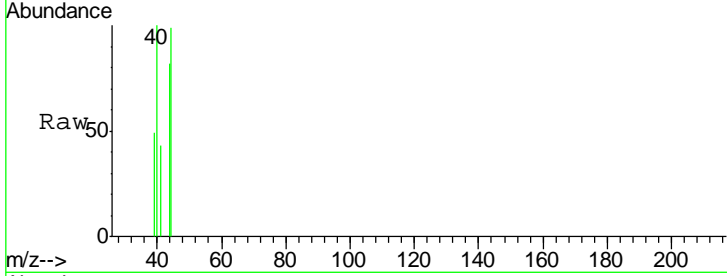




#48
 Methyl methacrylate
 Concen: 3.391 ug/l
 RT: 9.40 min Scan# 1281
 Delta R.T. -0.04 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

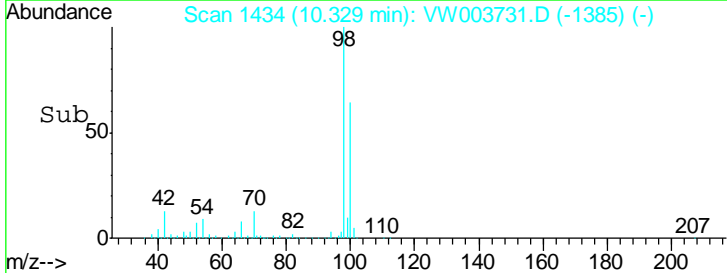
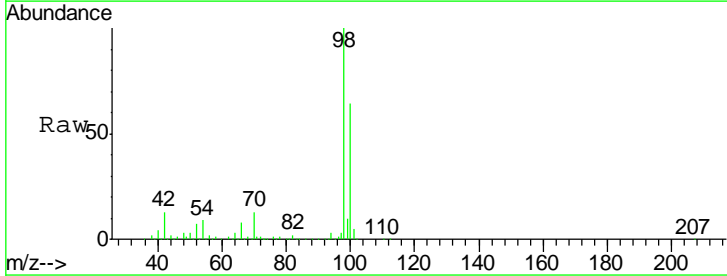
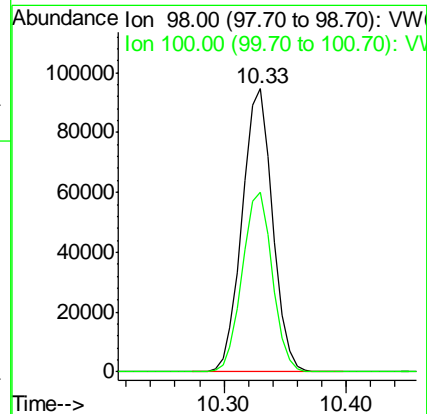
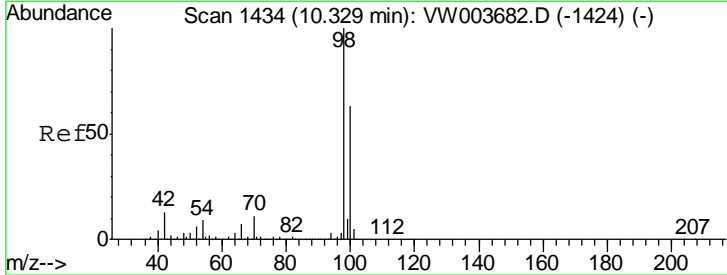
Instrument :
 MSVOA_W
 ClientSampled :

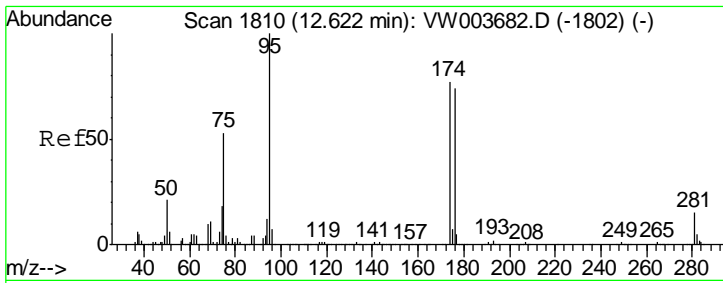
Tgt Ion	Resp	Lower	Upper
41	100		
69	0.0	65.4	98.2#
39	212.5	50.0	75.0#



#50
 Toluene-d8
 Concen: 37.105 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
98	100		
100	62.7	50.8	76.2

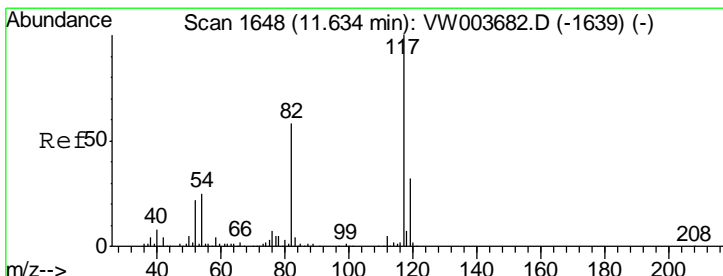
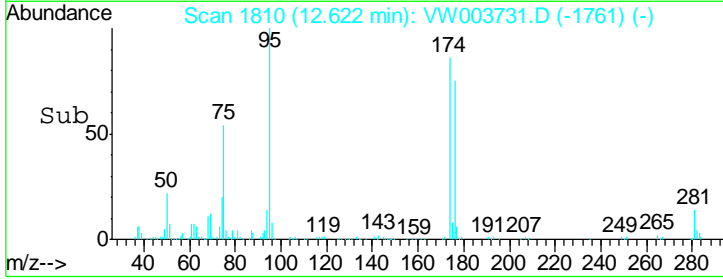
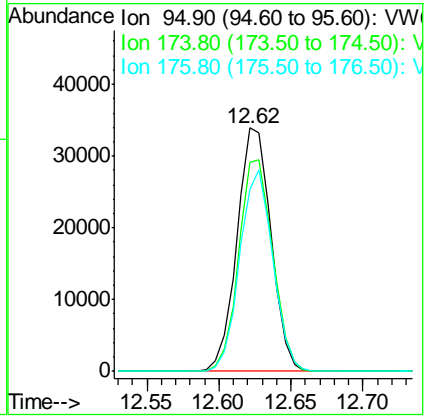
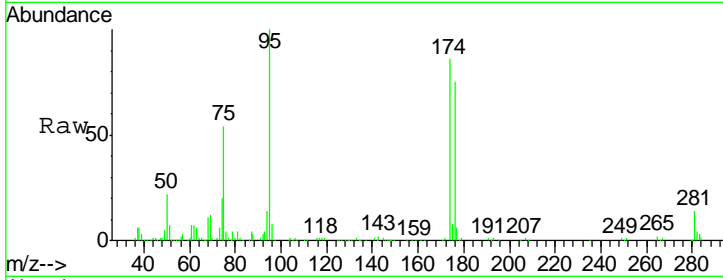




#62
 4-Bromofluorobenzene
 Concen: 35.188 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

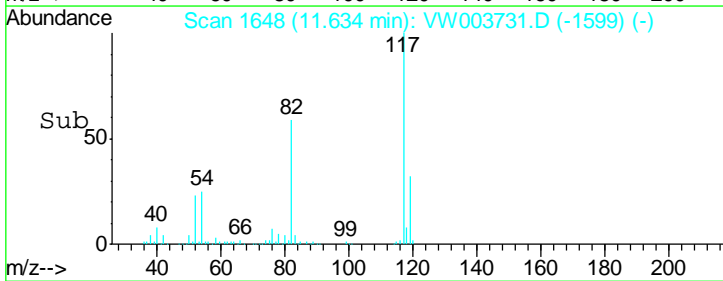
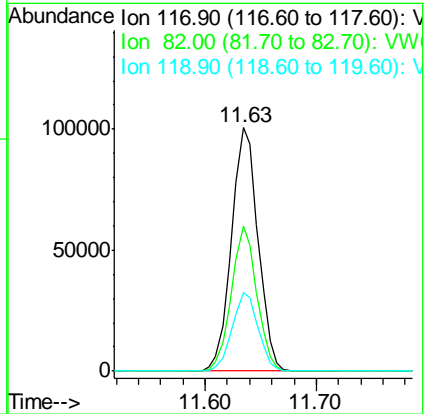
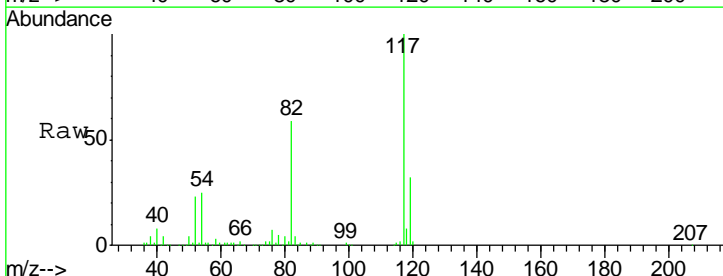
Instrument :
 MSVOA_W
 ClientSampled :

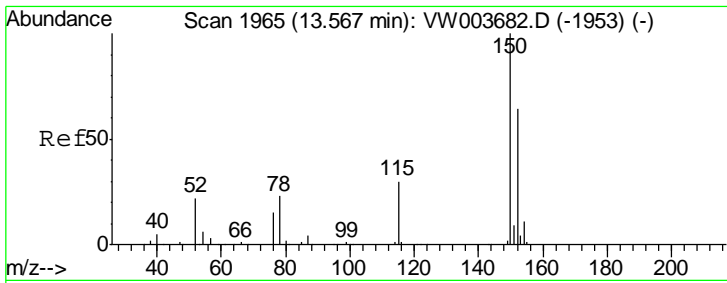
Tgt Ion	Resp	Lower	Upper
95	55655		
174	86.5	0.0	161.2
176	80.3	0.0	155.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
117	165998		
82	59.3	46.0	69.0
119	32.0	25.4	38.0

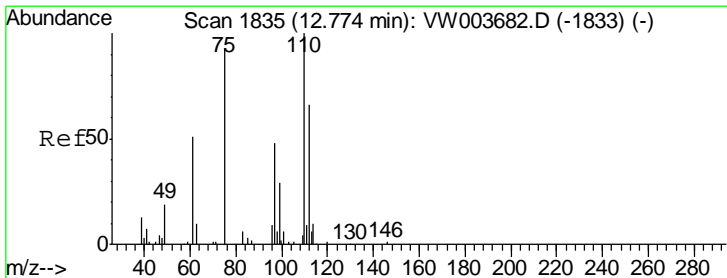
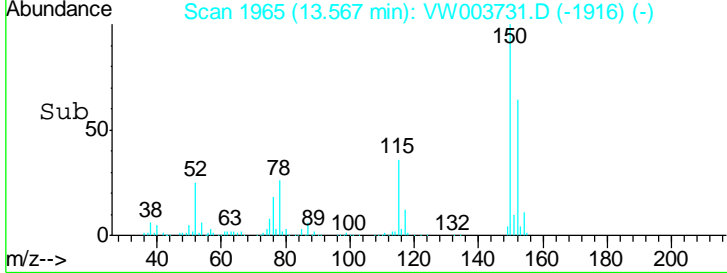
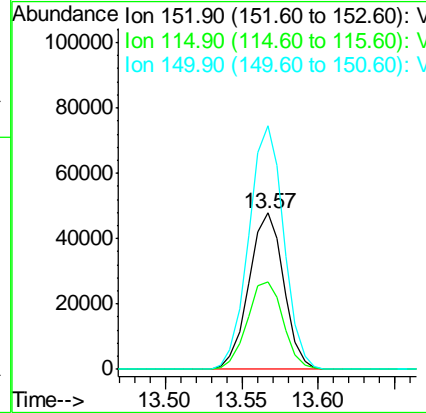
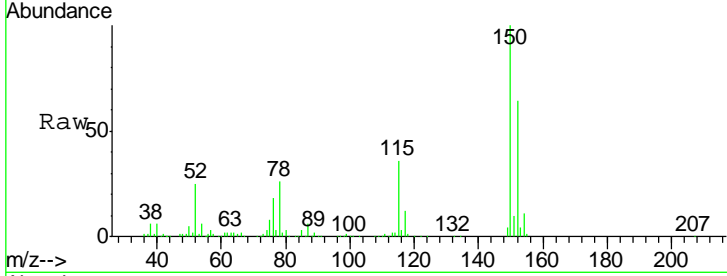




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

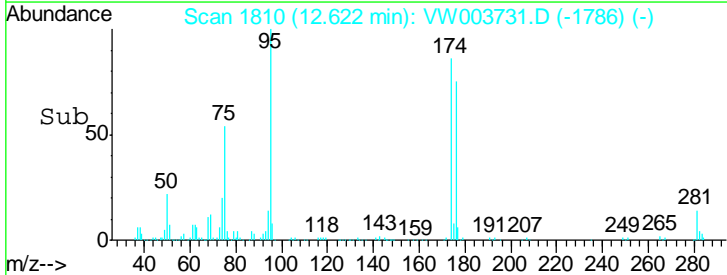
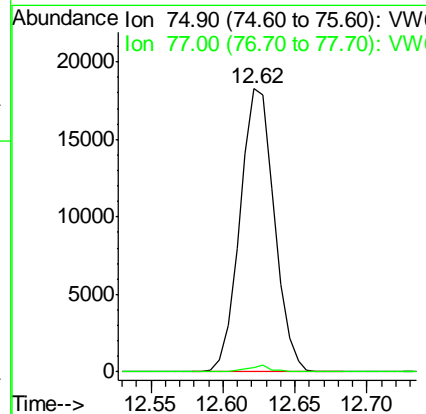
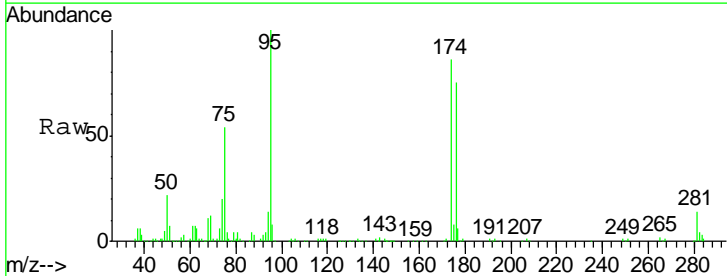
Instrument :
 MSVOA_W
 ClientSampled :

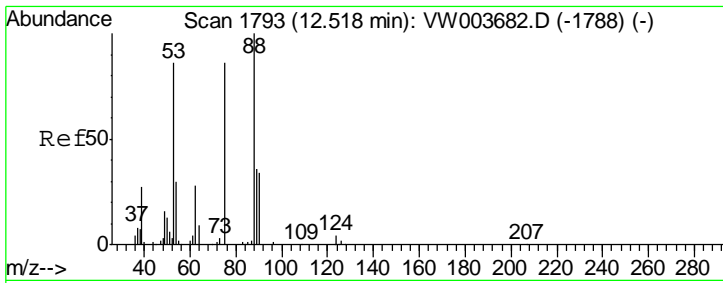
Tgt Ion	Resp	Lower	Upper
152	100		
115	58.2	29.3	88.0
150	156.8	0.0	352.0



#76
 1,2,3-Trichloropropane
 Concen: 44.586 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.6	0.0	0.0#

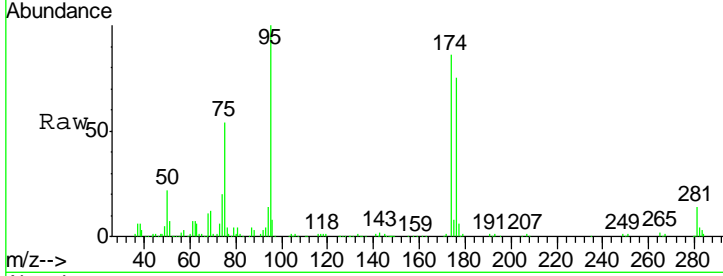




#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.475 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003731.D
 Acq: 05 Jul 2018 19:37

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.2	82.4	123.6#
89	0.0	35.9	53.9#



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

