

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008659.D
 Acq On : 14 Feb 2019 00:39
 Operator : SY/VA
 Sample : K1462-23
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 04:47:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	515984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	449062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	215270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	184642	52.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.08%	
35) Dibromofluoromethane	7.88	113	160428	50.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.14%	
50) Toluene-d8	10.32	98	602714	48.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.62	95	206170	44.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.64%	

Target Compounds

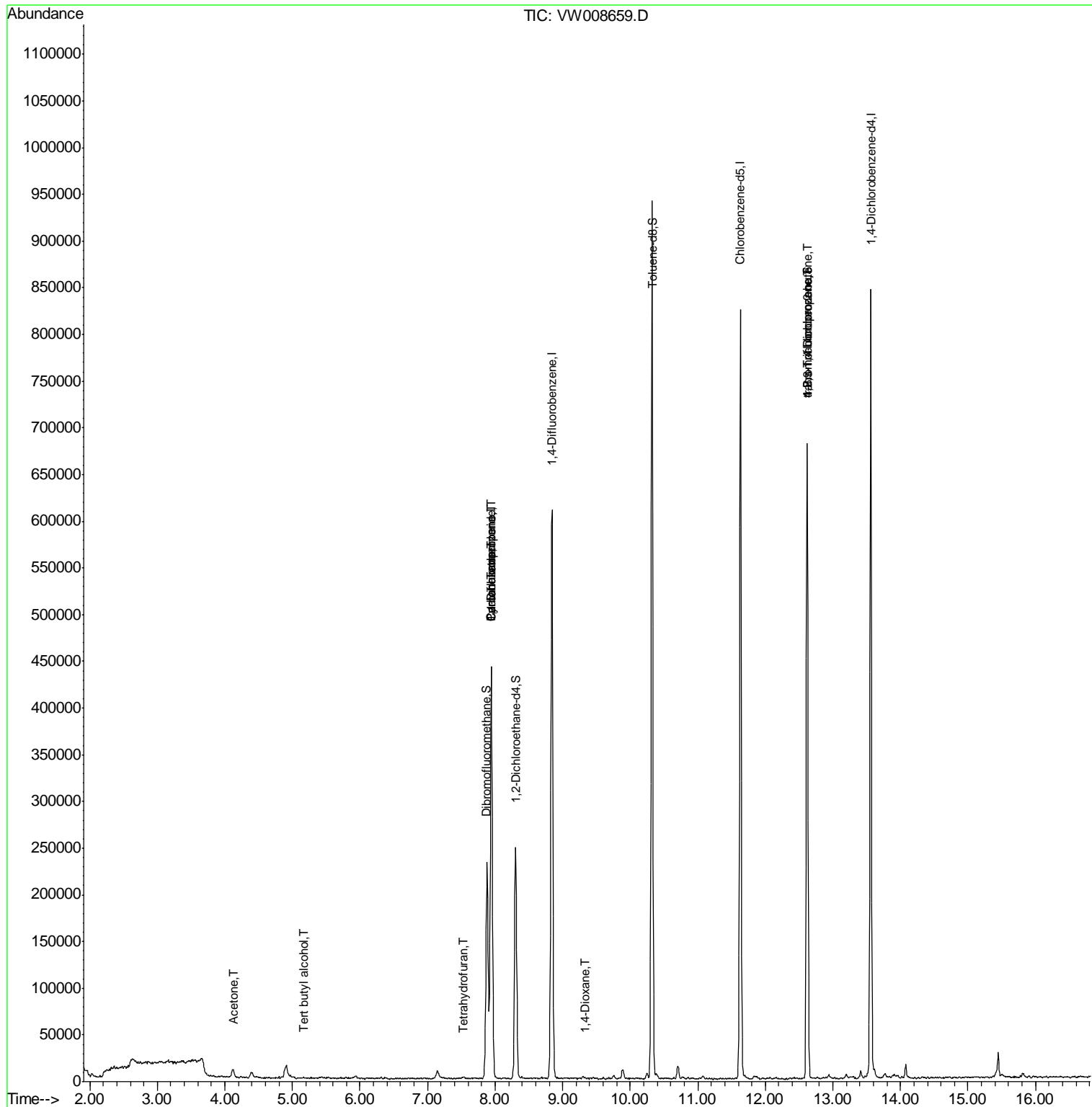
					Qvalue	
11) Tert butyl alcohol	5.17	59	1095	3.857	ug/l	97
16) Acetone	4.12	43	16189	20.051	ug/l	100
20) Methylene Chloride	4.91	84	10353	Below	Cal	88
29) Tetrahydrofuran	7.53	42	1268	1.687	ug/l #	78
31) Cyclohexane	7.95	56	7760	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	25325	4.885	ug/l #	51
38) Carbon Tetrachloride	7.95	117	33655	6.529	ug/l #	16
49) 1,4-Dioxane	9.32	88	57	1.850	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	109153	51.350	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	109153	110.030	ug/l #	6

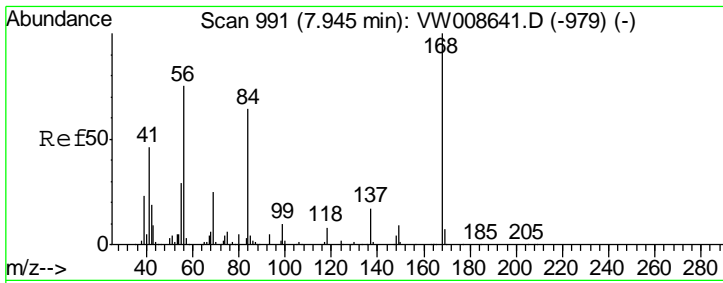
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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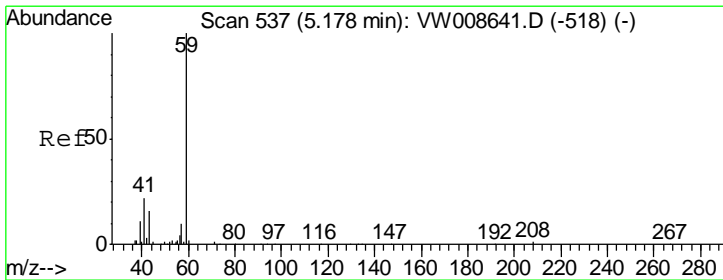
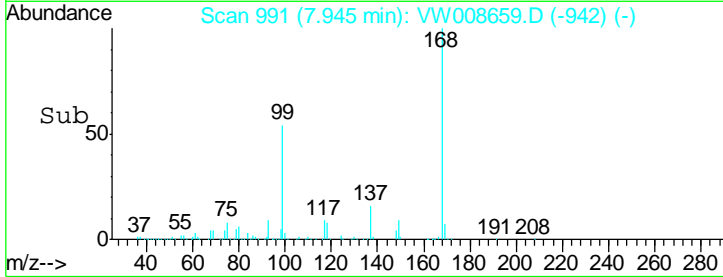
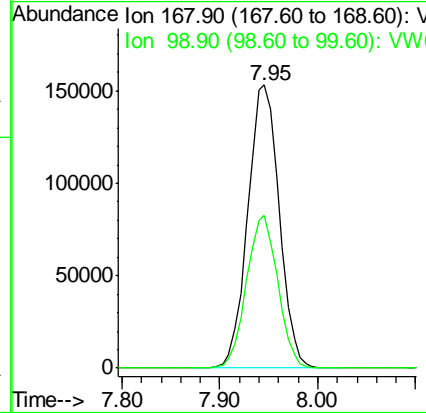
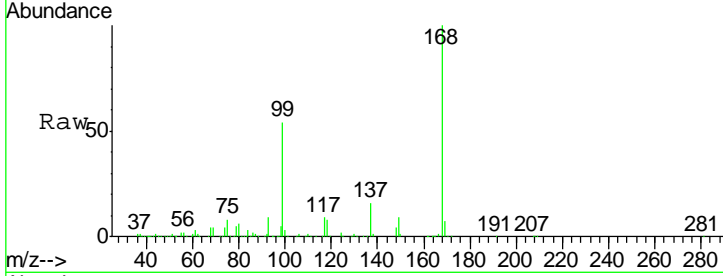




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

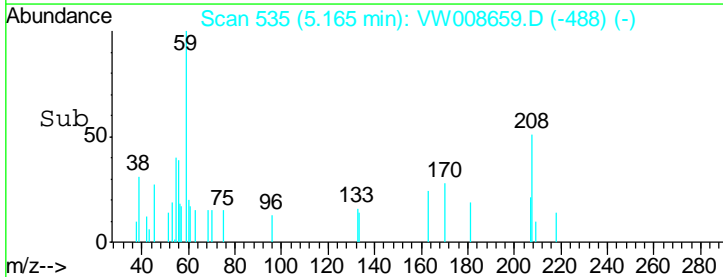
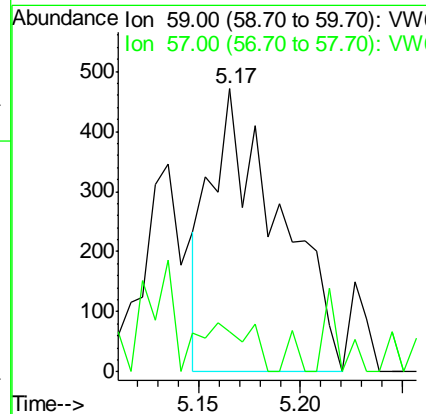
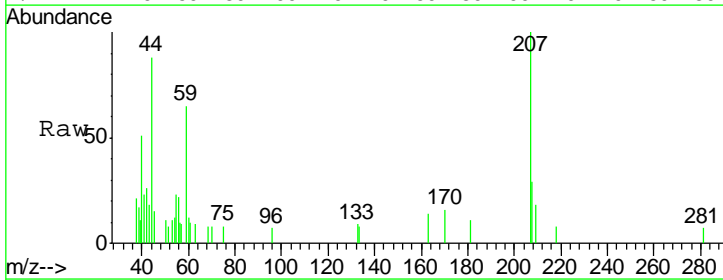
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

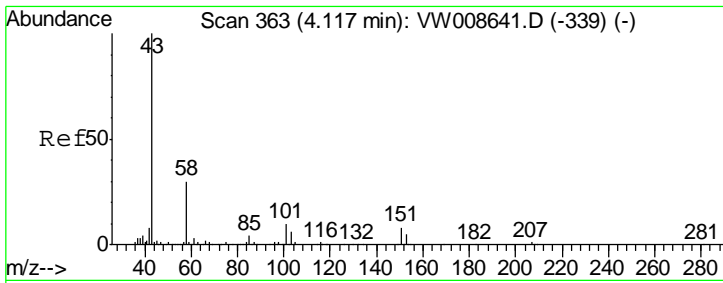
Tgt Ion: 168 Resp: 341287
 Ion Ratio Lower Upper
 168 100
 99 53.9 42.8 64.2



#11
 Tert butyl alcohol
 Concen: 3.857 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion: 59 Resp: 1095
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.3 12.5

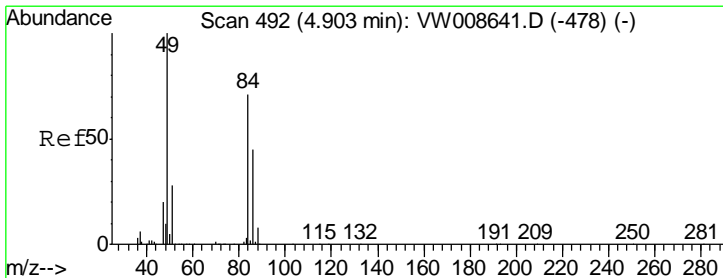
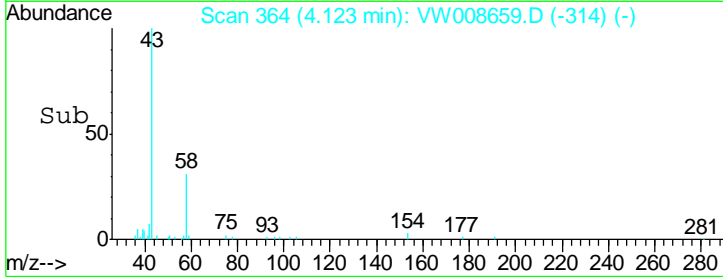
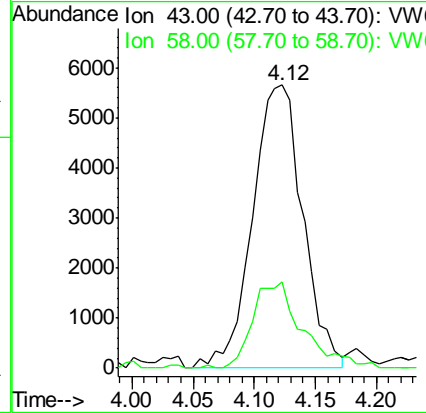
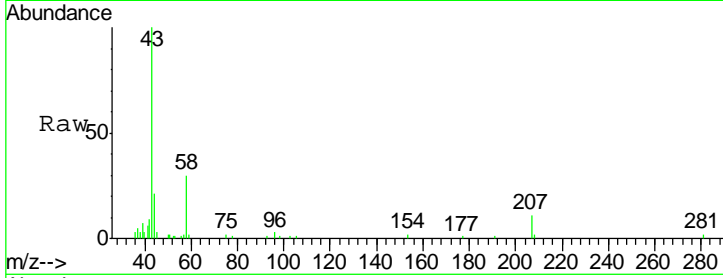




#16
 Acetone
 Concen: 20.051 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

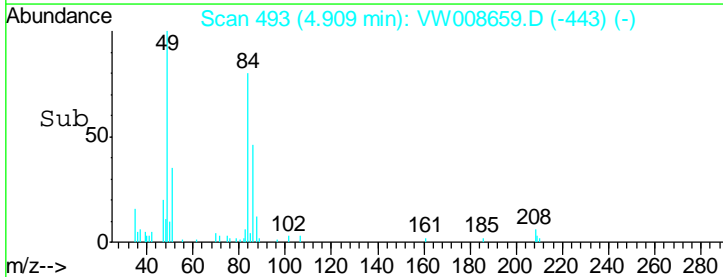
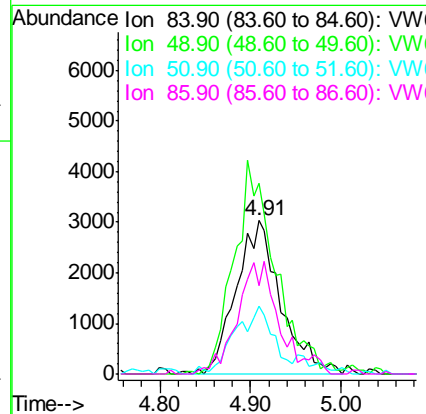
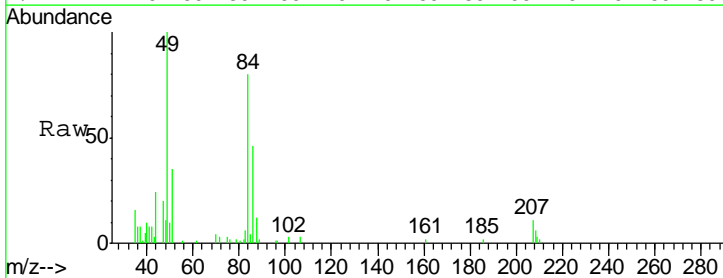
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

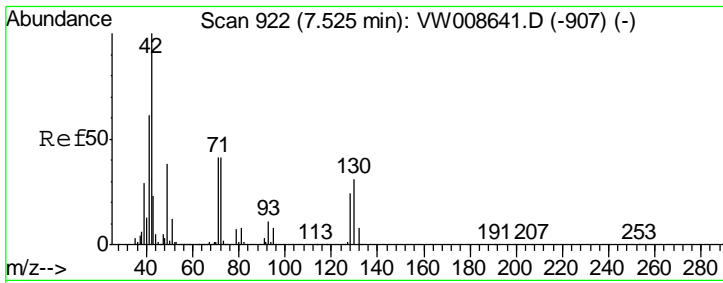
Tgt Ion: 43 Resp: 16189
 Ion Ratio Lower Upper
 43 100
 58 30.3 24.1 36.1



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion: 84 Resp: 10353
 Ion Ratio Lower Upper
 84 100
 49 122.5 113.3 169.9
 51 44.1 32.1 48.1
 86 57.4 50.9 76.3

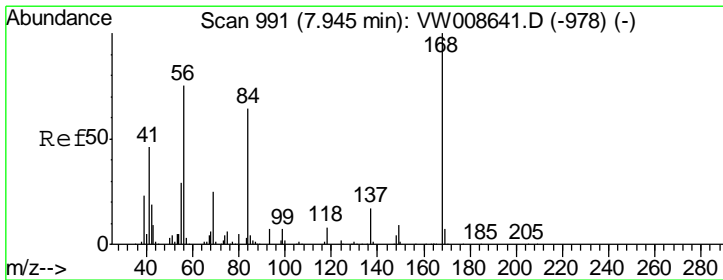
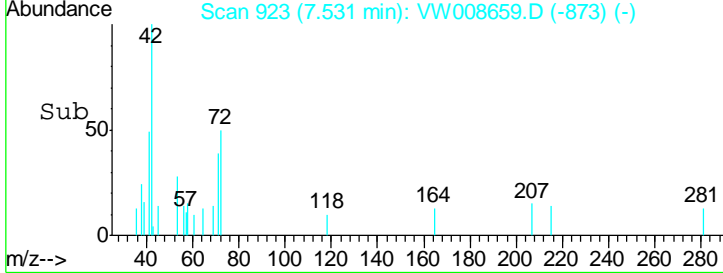
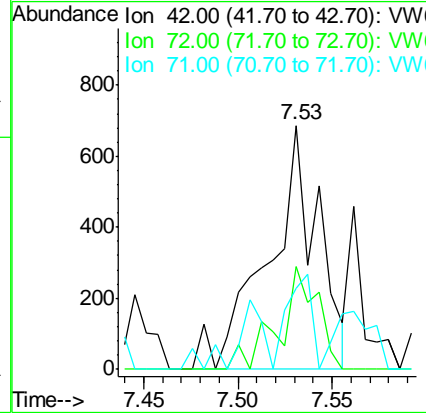
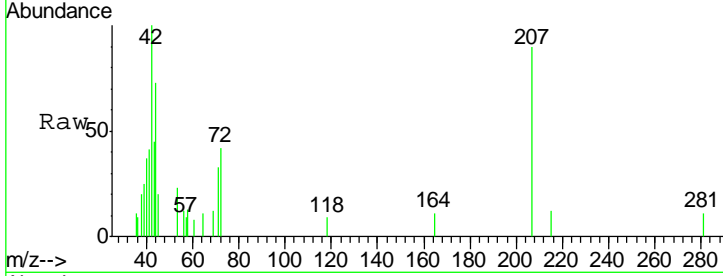




#29
 Tetrahydrofuran
 Concen: 1.687 ug/l
 RT: 7.53 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

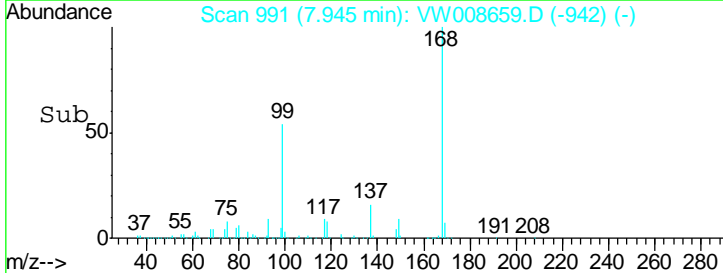
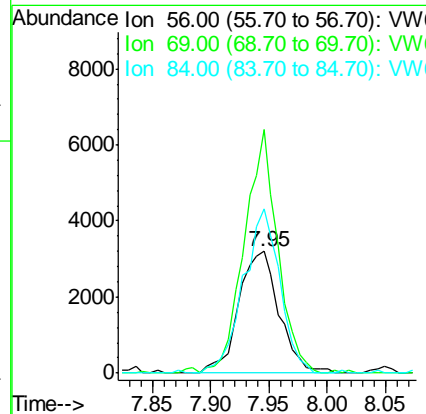
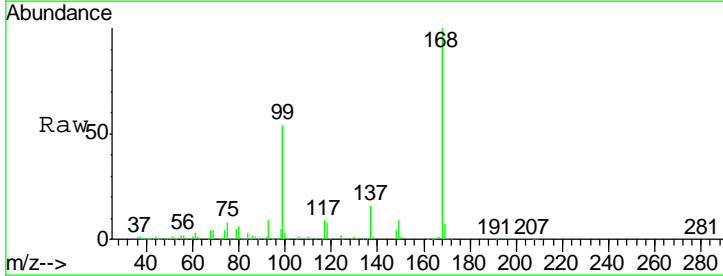
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDC0050

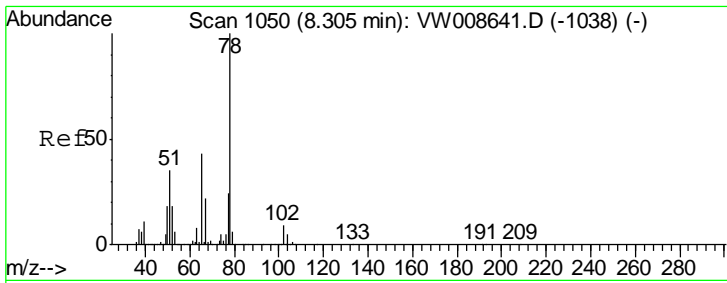
Tgt Ion	Resp	Lower	Upper
42	1268		
72	32.3	32.2	48.2
71	19.1	31.0	46.6#



#31
 Cyclohexane
 Concen: 1.196 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion	Resp	Lower	Upper
56	7760		
69	200.0	26.4	39.6#
84	135.4	67.4	101.2#

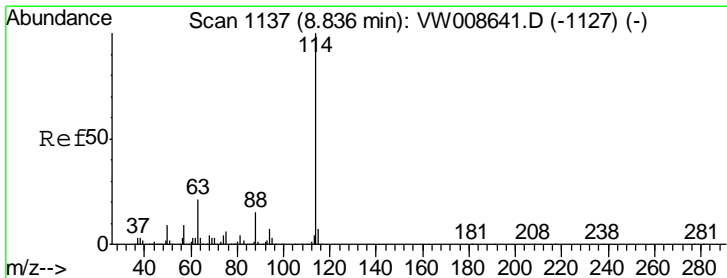
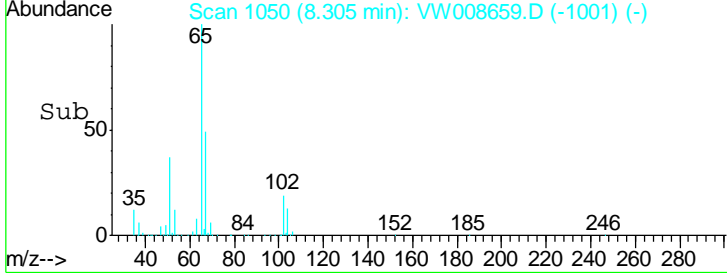
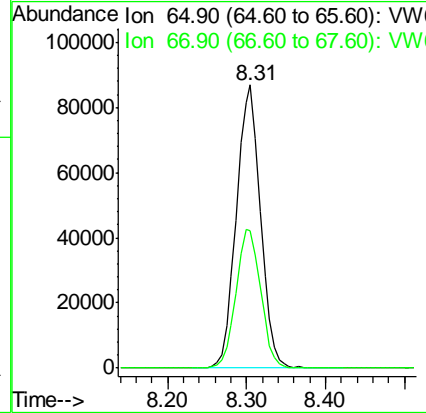
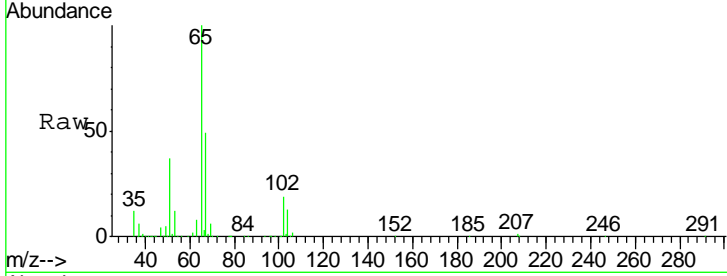




#33
 1,2-Dichloroethane-d4
 Concen: 52.039 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

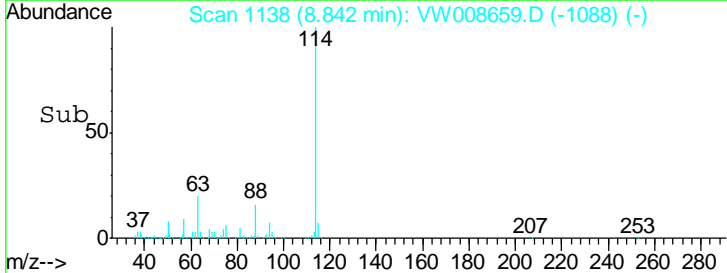
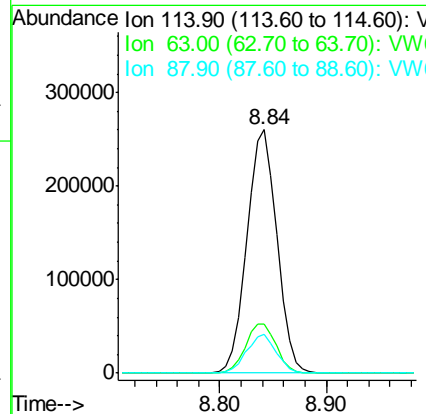
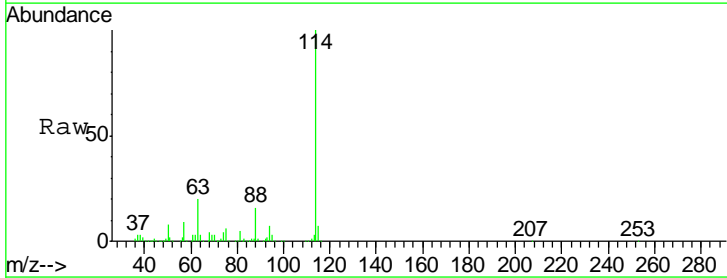
Instrument : MSVOA_W
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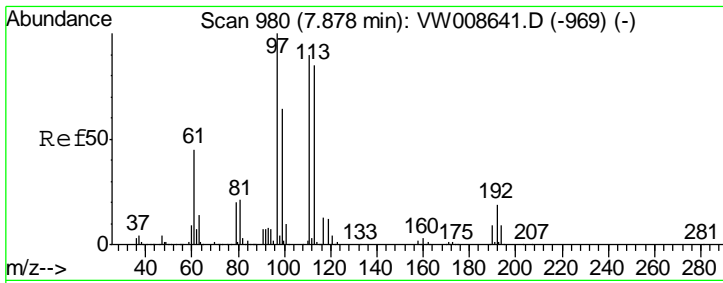
Tgt Ion	Resp	Lower	Upper
65	100		
67	50.5	0.0	102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion	Resp	Lower	Upper
114	100		
63	20.4	0.0	41.2
88	16.1	0.0	29.6

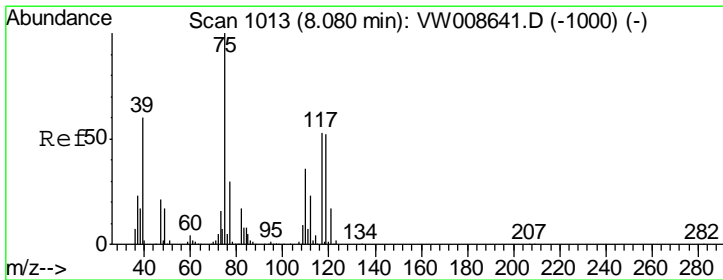
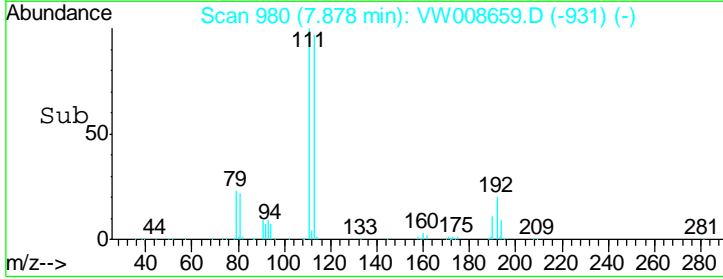
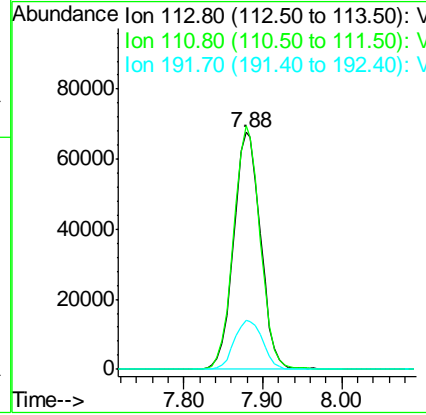
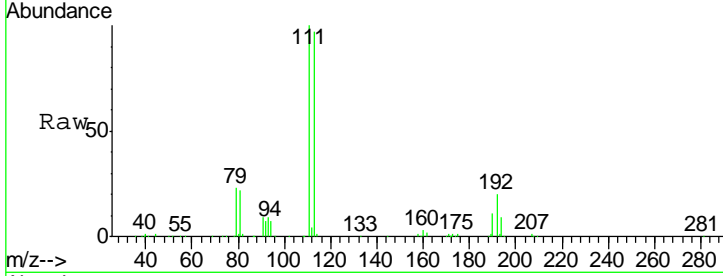




#35
 Dibromofluoromethane
 Concen: 50.072 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

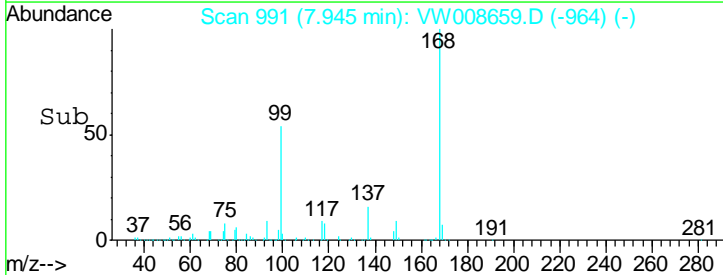
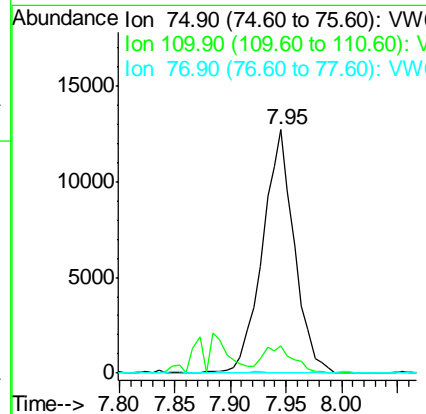
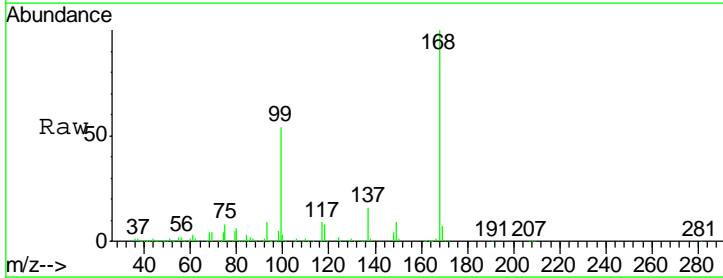
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

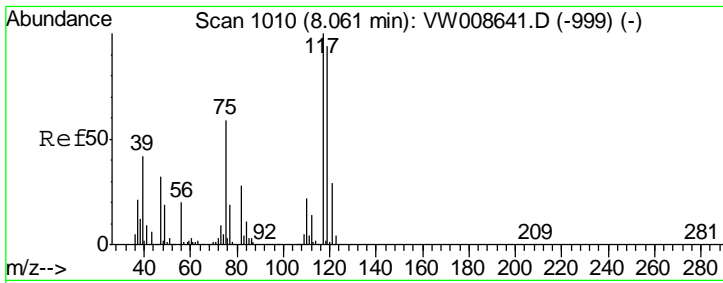
Tgt Ion	Resp	Lower	Upper
113	160428		
113	100		
111	101.2	84.0	126.0
192	21.7	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion	Resp	Lower	Upper
75	25325		
75	100		
110	10.5	17.8	53.3#
77	0.0	24.7	37.1#

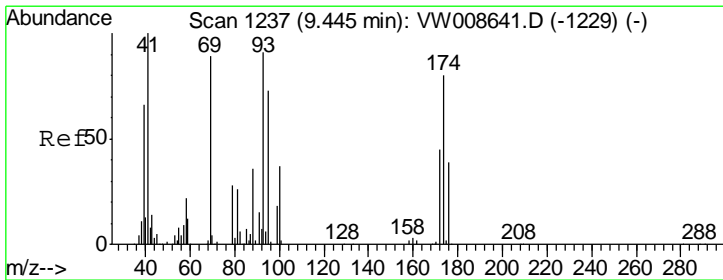
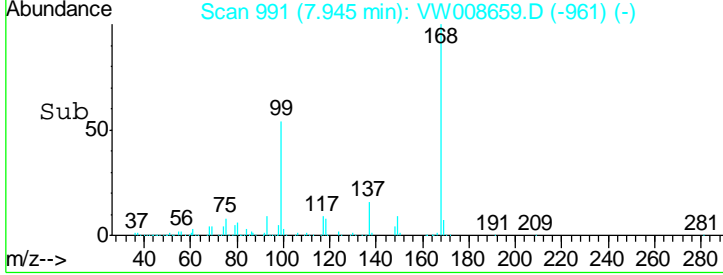
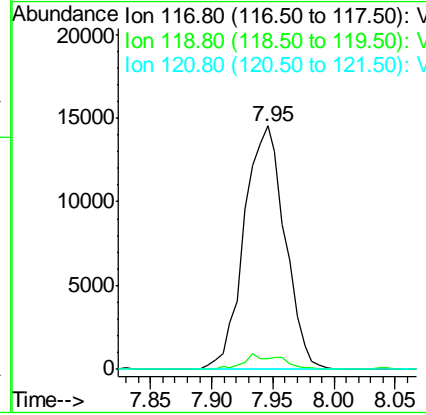
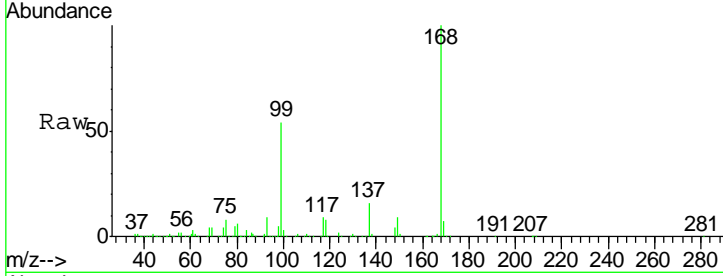




#38
 Carbon Tetrachloride
 Concen: 6.529 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

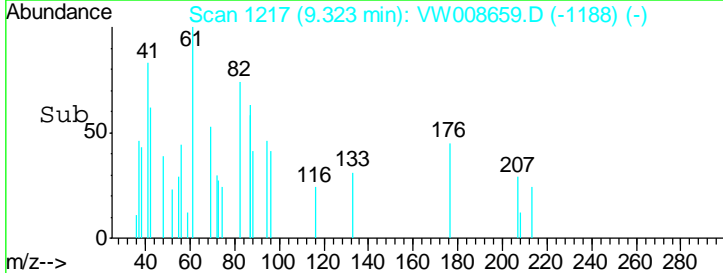
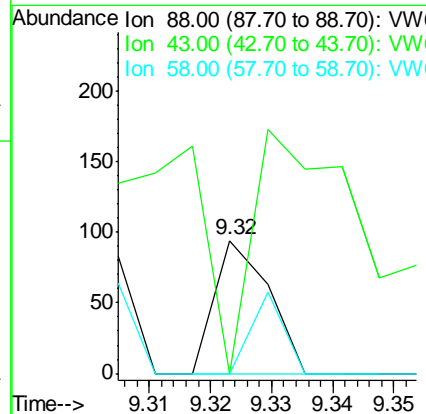
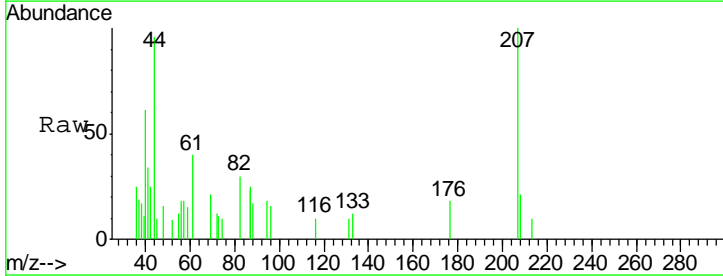
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

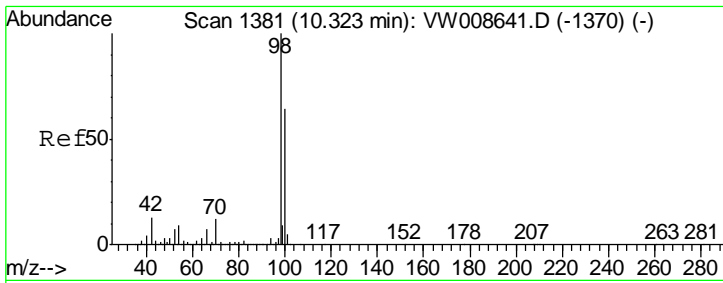
Tgt Ion	Resp	Lower	Upper
117	100		
119	4.2	75.1	112.7#
121	0.0	23.5	35.3#



#49
 1,4-Dioxane
 Concen: 1.850 ug/l
 RT: 9.32 min Scan# 1217
 Delta R.T. -0.12 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion	Resp	Lower	Upper
88	100		
43	342.1	31.0	46.6#
58	36.8	57.0	85.6#

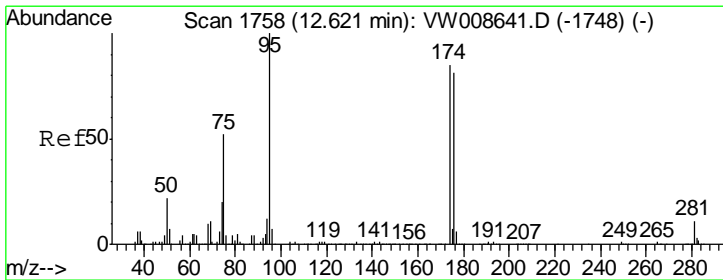
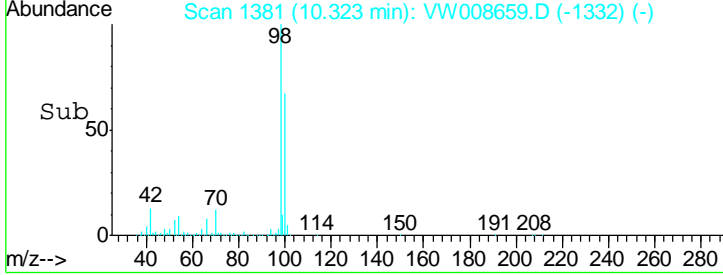
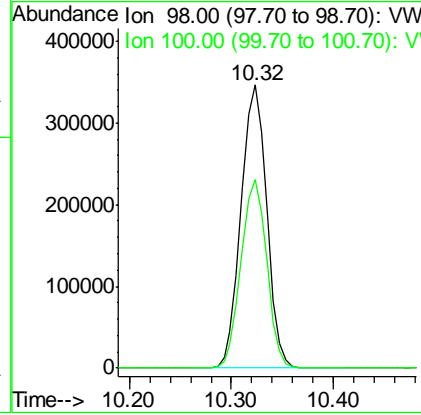
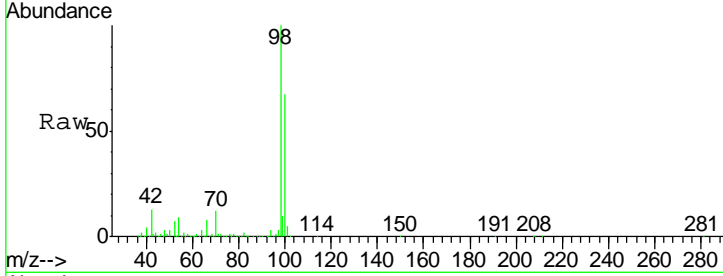




#50
 Toluene-d8
 Concen: 48.800 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

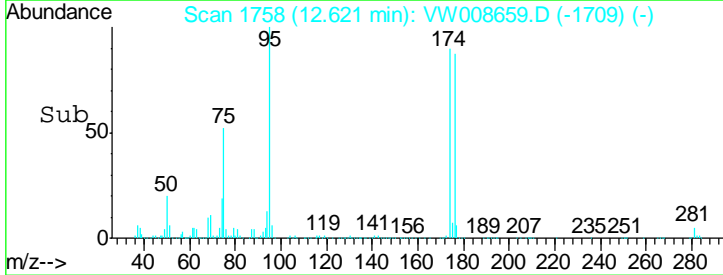
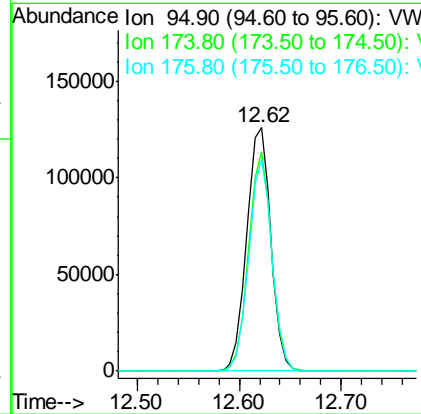
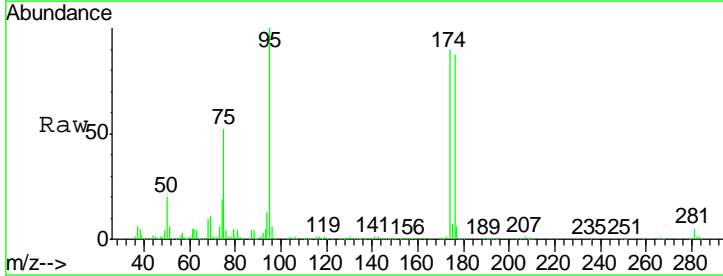
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

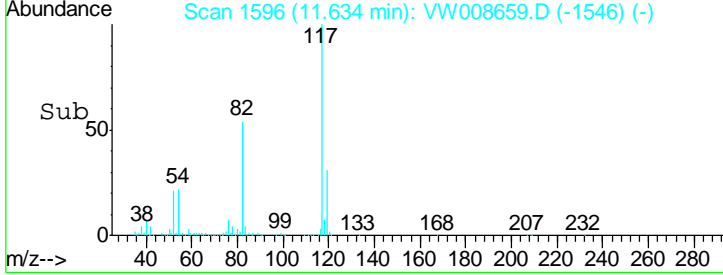
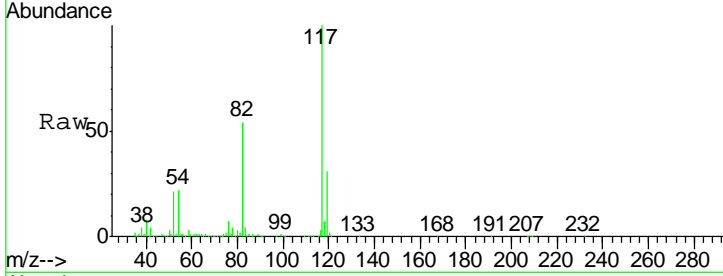
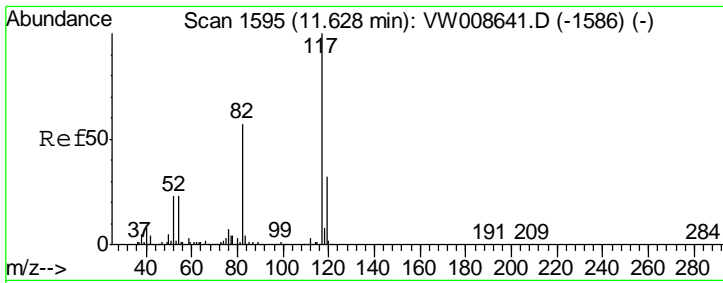
Tgt Ion	Resp	Lower	Upper
98	602714		
100	100	66.7	78.4



#62
 4-Bromofluorobenzene
 Concen: 44.317 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion	Resp	Lower	Upper
95	206170		
174	100	86.6	163.2
176	100	84.1	158.0

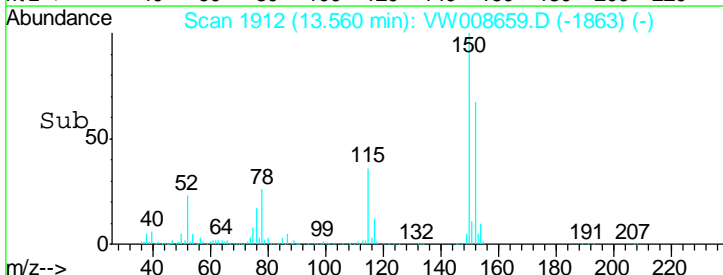
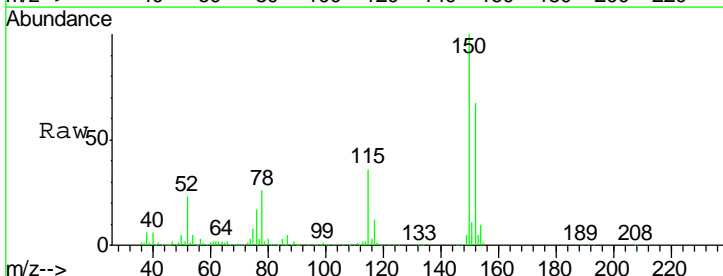
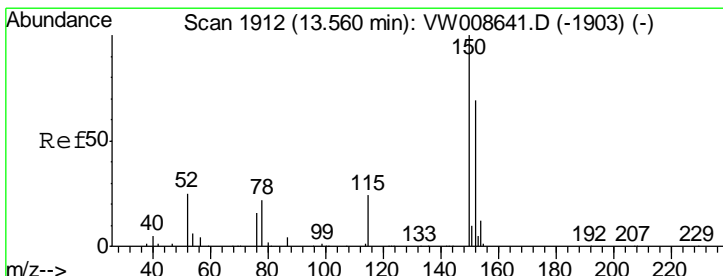
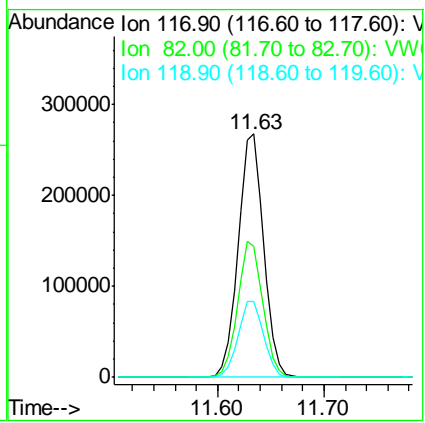




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

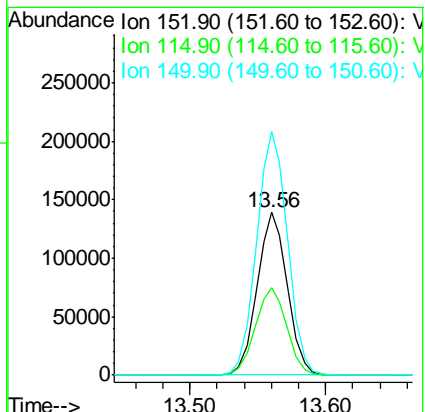
Instrument : MSVOA_W
 ClientSampleId : VSTDCCC050

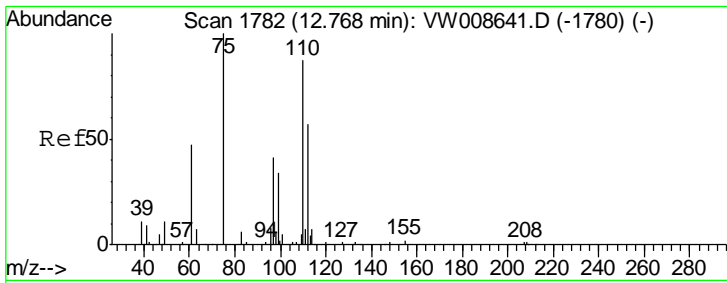
Tgt Ion	Resp	Lower	Upper
117	449062		
82	53.7	45.6	68.4
119	31.3	25.7	38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion	Resp	Lower	Upper
152	215270		
115	56.0	29.3	87.8
150	153.7	0.0	352.8

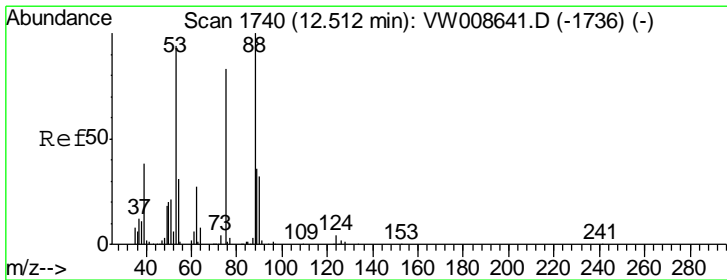
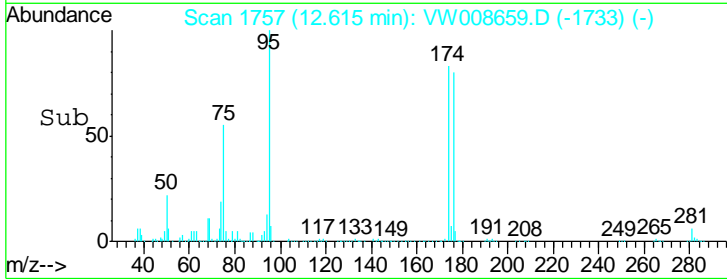
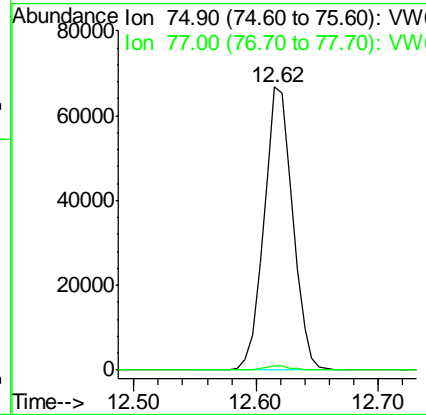
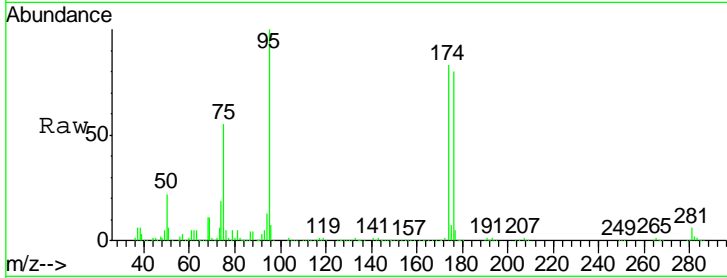




#76
 1,2,3-Trichloropropane
 Concen: 51.350 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	109153		
77	1.5	0.0	0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.030 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008659.D
 Acq: 14 Feb 2019 00:39

Tgt Ion	Resp	Lower	Upper
75	109153		
53	0.0	87.4	131.0#
89	0.2	37.0	55.4#

