

Data File : VW012406.D
 Acq On : 31 Aug 2019 17:44
 Operator : SY/VA
 Sample : K4517-06
 Misc : 6.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D1-(0)

Quant Time: Sep 01 03:32:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141115	56.07	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	112.14%
35) Dibromofluoromethane	7.88	113	108713	52.61	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	105.22%
50) Toluene-d8	10.32	98	433961	51.80	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	103.60%
62) 4-Bromofluorobenzene	12.62	95	134684	45.60	ug/l	0.00
Spiked Amount				50.000		
				Recovery	=	91.20%

Target Compounds

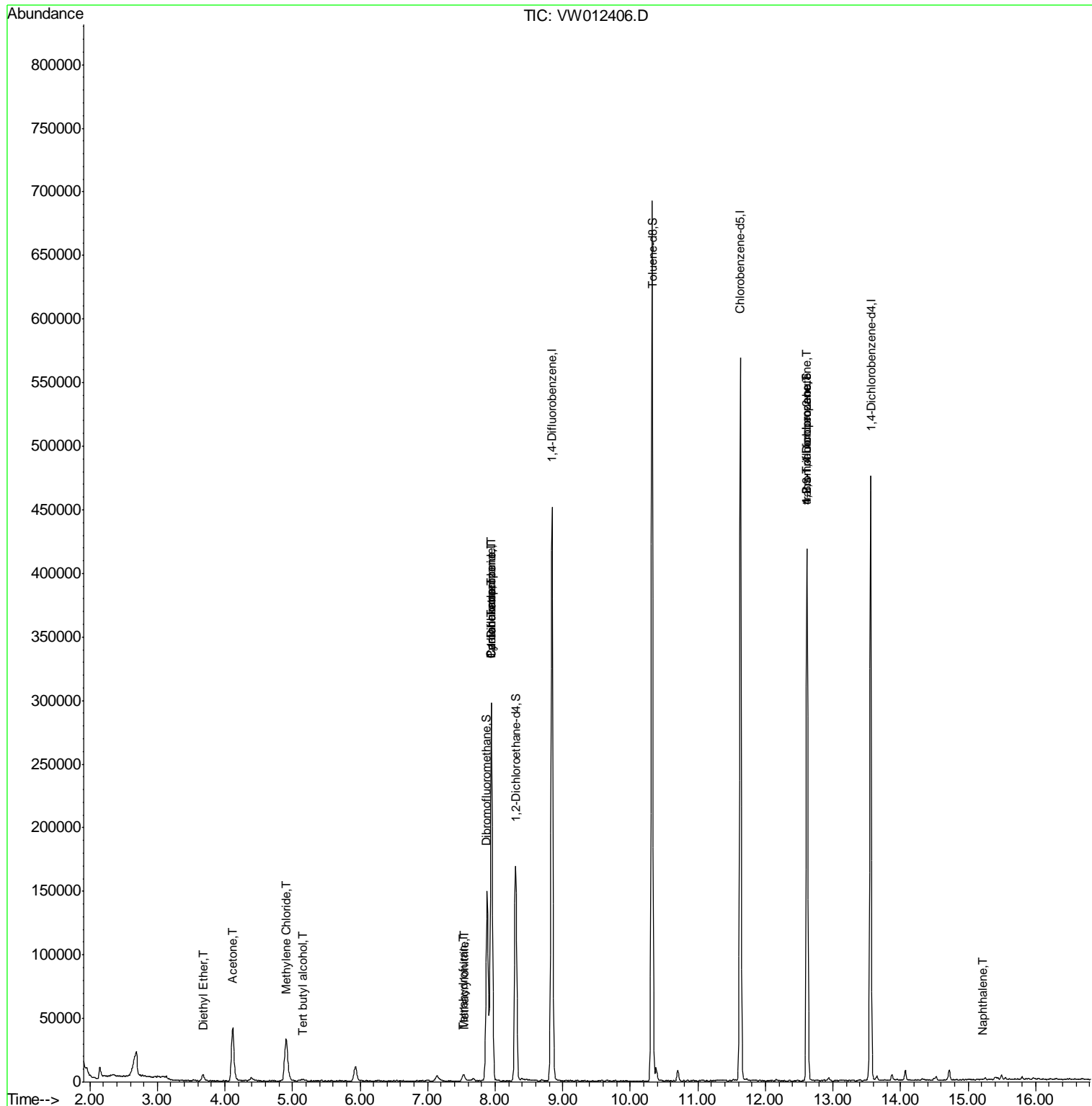
						Qvalue
8) Diethyl Ether	3.68	74	2545	2.160	ug/l	89
11) Tert butyl alcohol	5.17	59	1542	10.181	ug/l #	71
16) Acetone	4.12	43	74471	115.757	ug/l	99
20) Methylene Chloride	4.90	84	24110	9.913	ug/l	98
29) Tetrahydrofuran	7.52	42	4653	8.871	ug/l	93
31) Cyclohexane	7.94	56	5581	1.231	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	18417	5.148	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21724	7.016	ug/l #	18
41) Methacrylonitrile	7.54	41	2920	2.534	ug/l #	57
76) 1,2,3-Trichloropropane	12.62	75	72771	64.190	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72771	140.739	ug/l #	6
95) Naphthalene	15.22	128	20	4.325	ug/l #	69

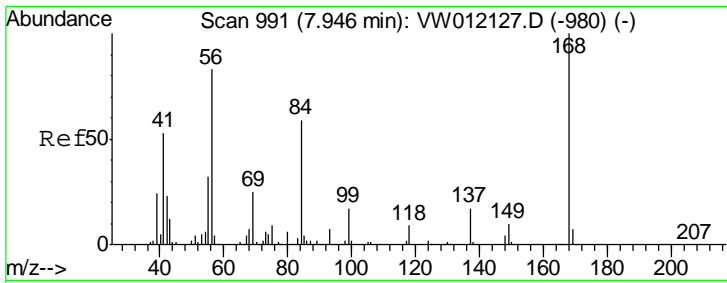
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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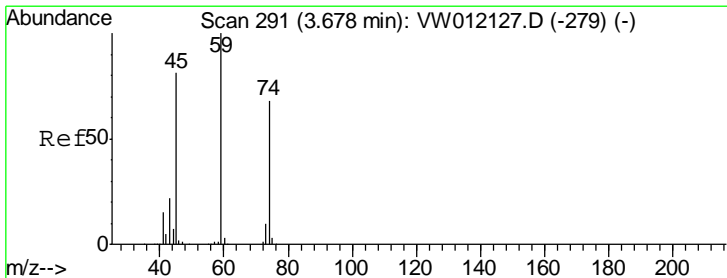
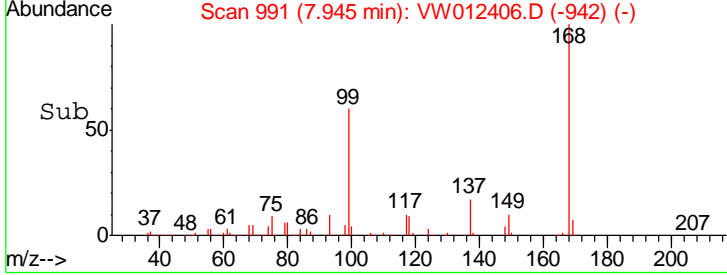
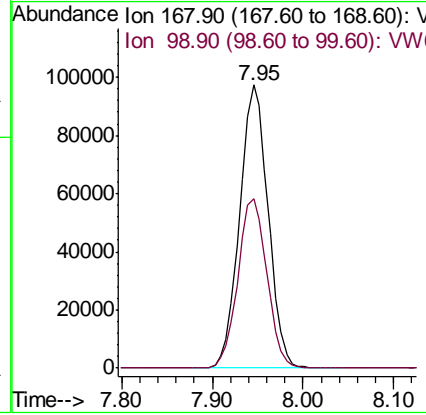
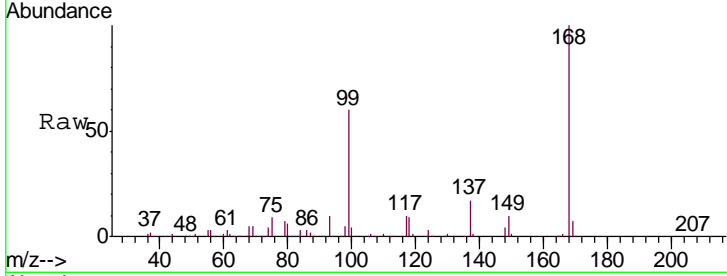




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

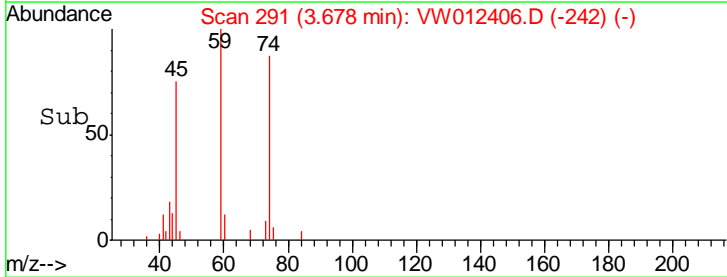
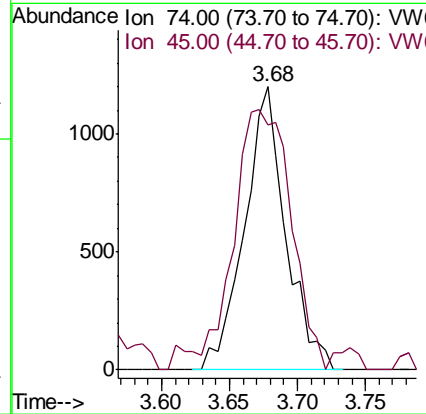
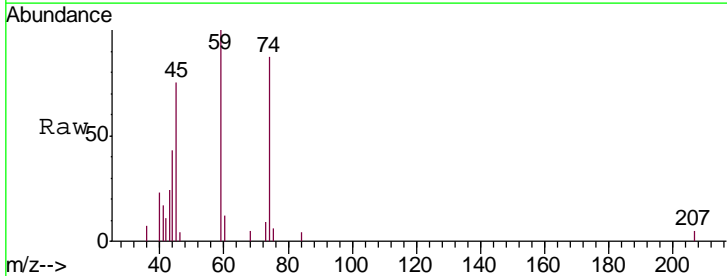
Instrument : MSVOA_W
 ClientSampled : T4-S-D1-(0)

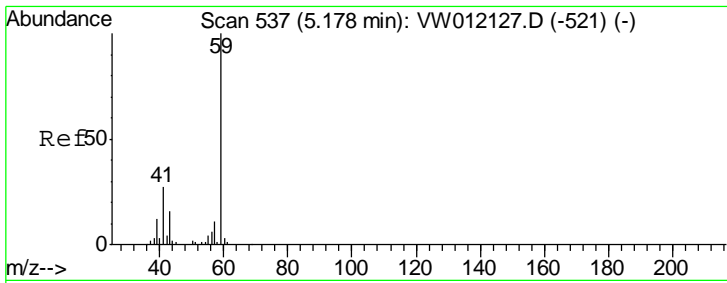
Tgt Ion: 168 Resp: 211714
 Ion Ratio Lower Upper
 168 100
 99 59.8 49.2 73.8



#8
 Diethyl Ether
 Concen: 2.160 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion: 74 Resp: 2545
 Ion Ratio Lower Upper
 74 100
 45 130.3 59.2 177.6

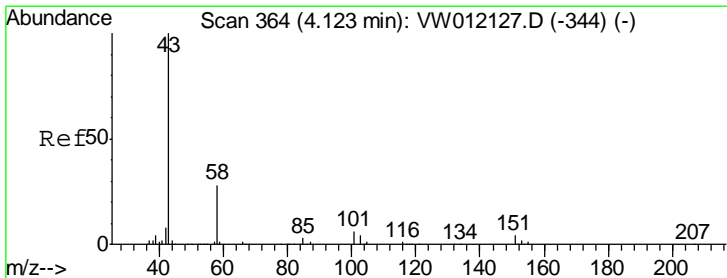
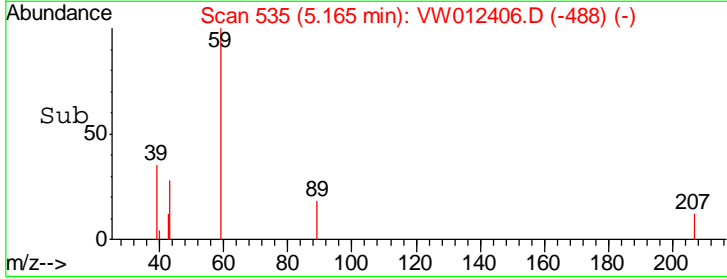
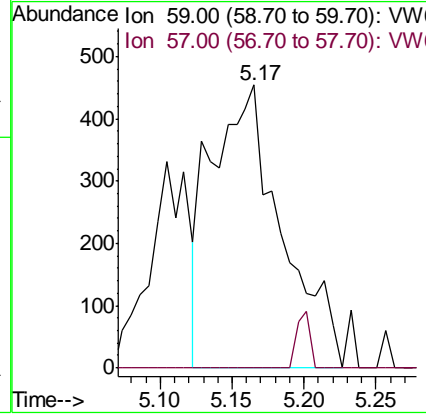
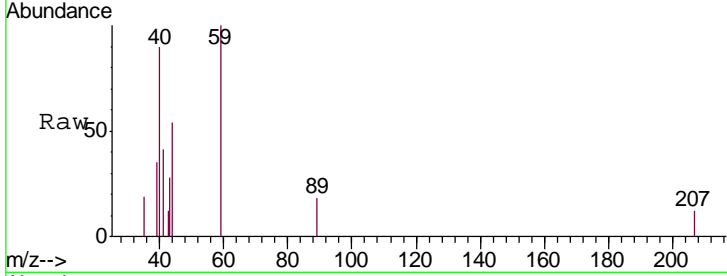




#11
 Tert butyl alcohol
 Concen: 10.181 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

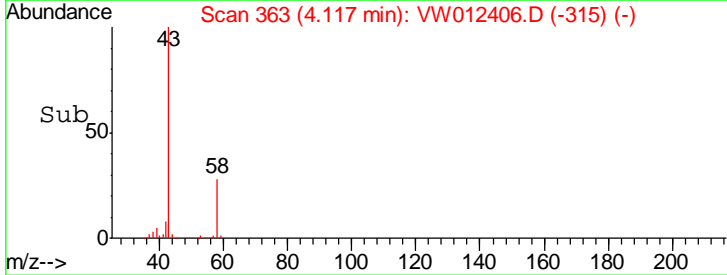
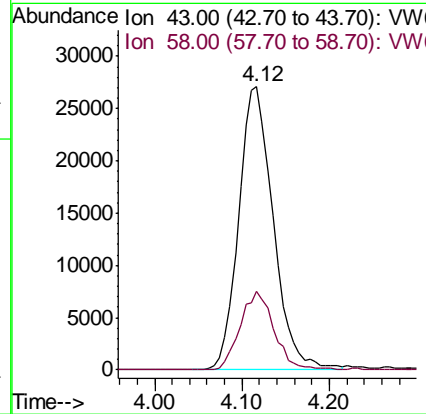
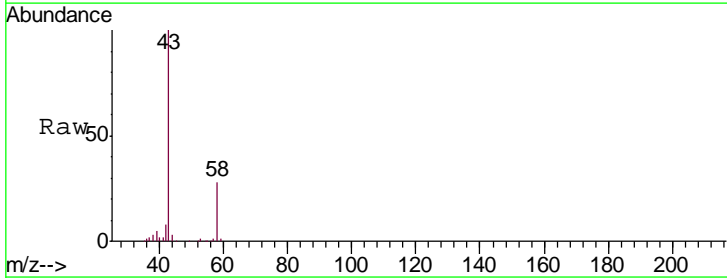
Instrument :
 MSVOA_W
 ClientSampled :
 T4-S-D1-(0)

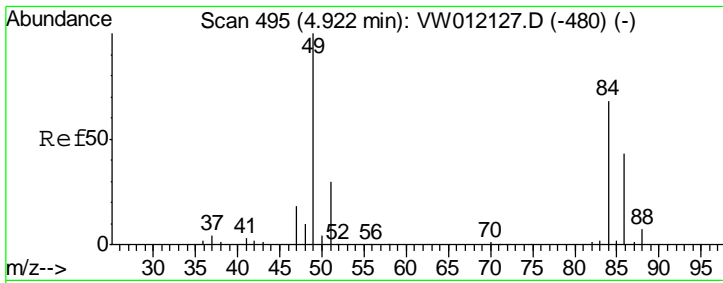
Tgt Ion: 59 Resp: 1542
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#



#16
 Acetone
 Concen: 115.757 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion: 43 Resp: 74471
 Ion Ratio Lower Upper
 43 100
 58 27.7 22.4 33.6

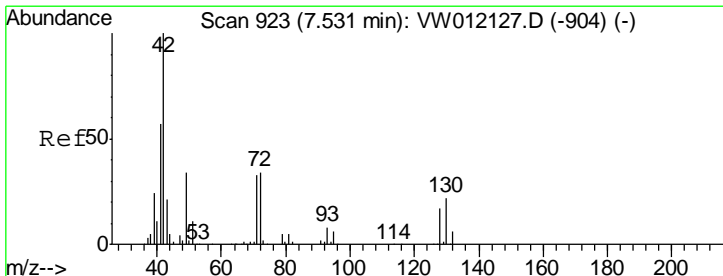
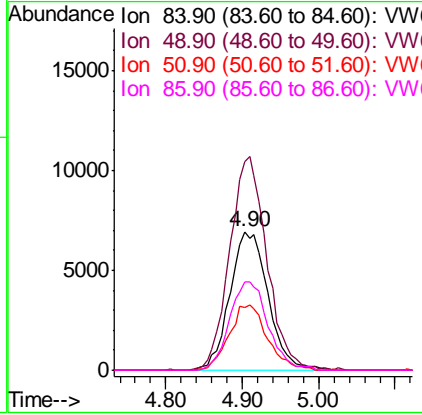
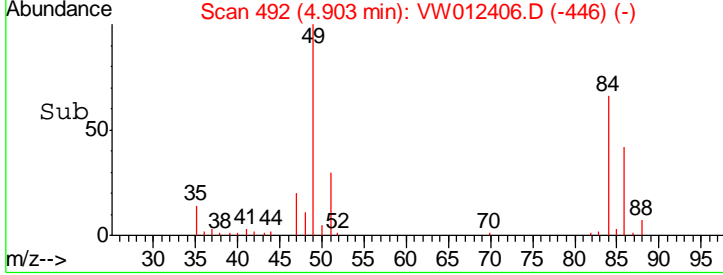
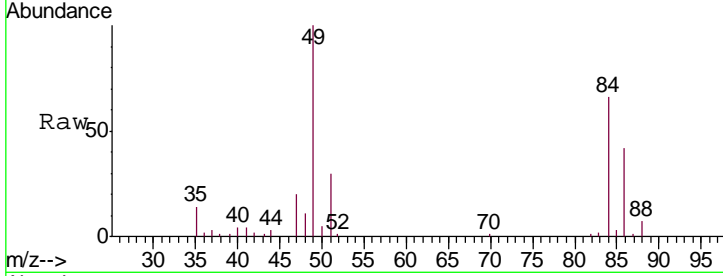




#20
 Methylene Chloride
 Concen: 9.913 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

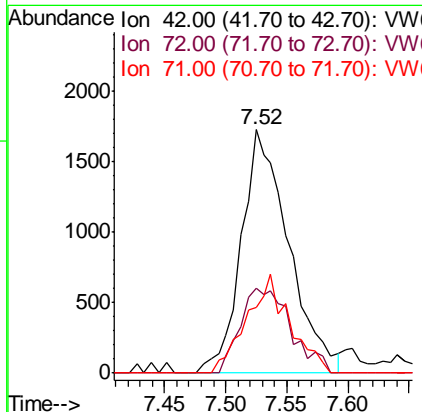
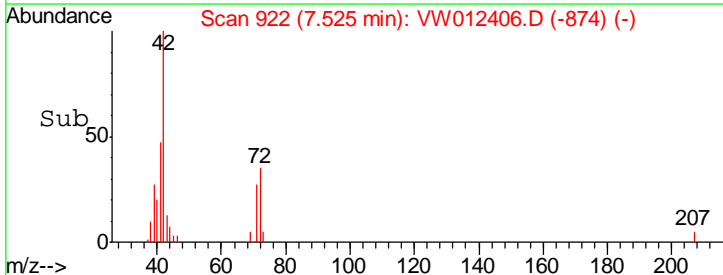
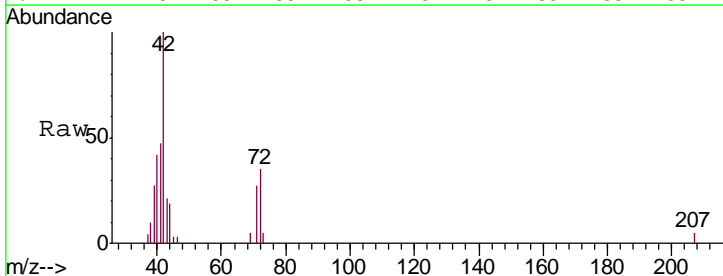
Instrument :
 MSVOA_W
Client Sampled :
 T4-S-D1-(0)

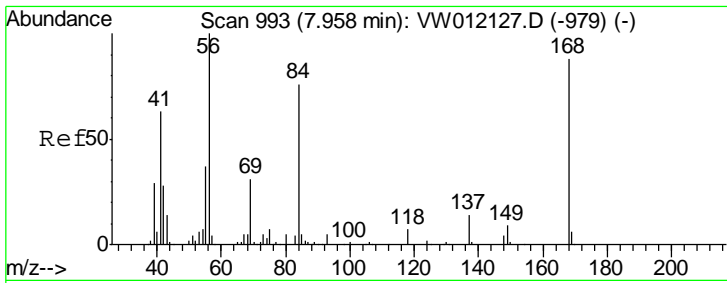
Tgt Ion	Resp	Lower	Upper
84	100		
49	150.7	117.8	176.8
51	45.4	35.6	53.4
86	63.3	51.2	76.8



#29
 Tetrahydrofuran
 Concen: 8.871 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VW012406.D
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Tgt Ion	Resp	Lower	Upper
42	100		
72	37.2	27.3	40.9
71	36.8	25.5	38.3

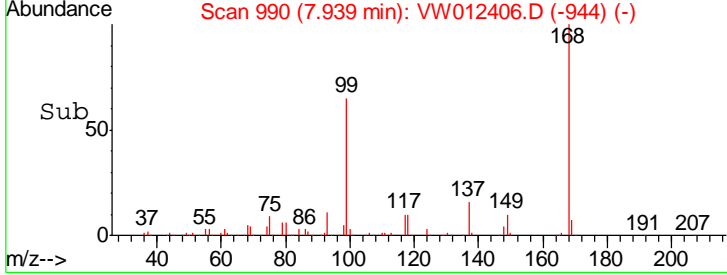
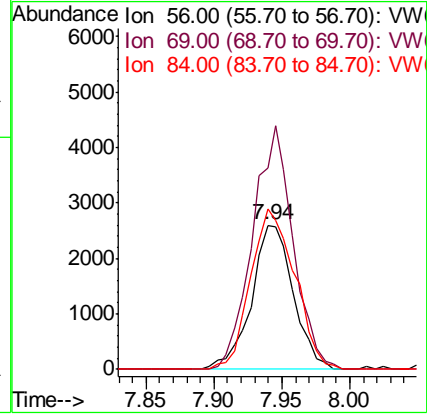
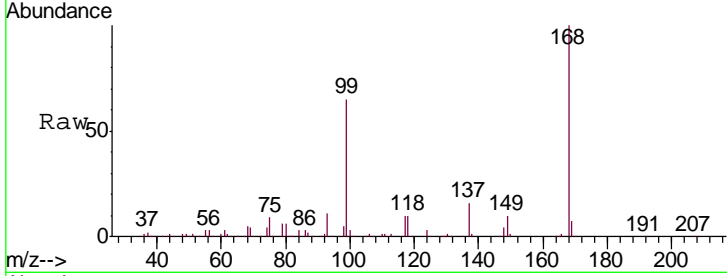




#31
 Cyclohexane
 Concen: 1.231 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

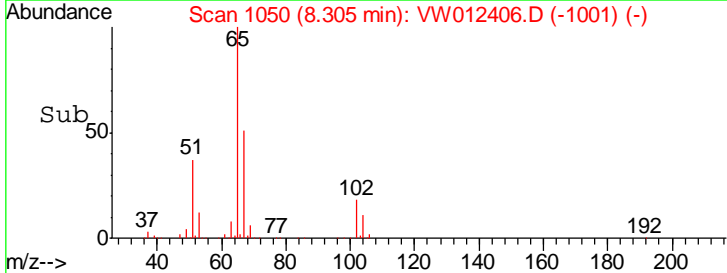
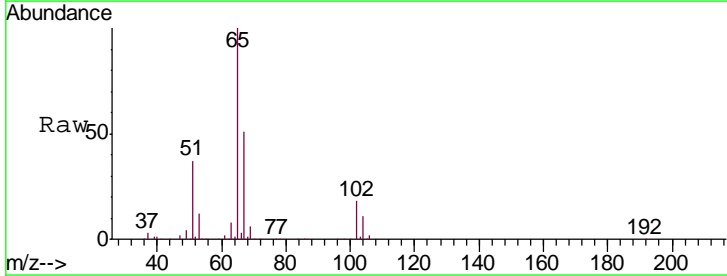
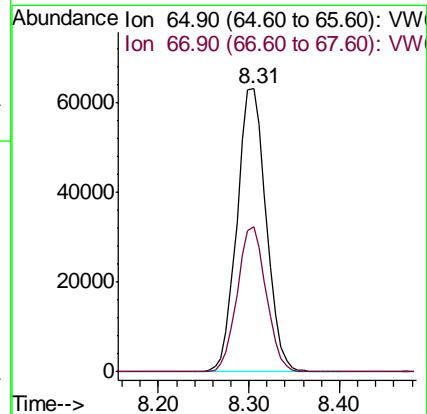
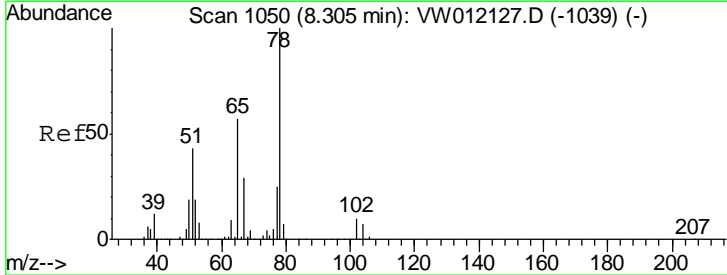
Instrument :
 MSVOA_W
 ClientSampled :
 T4-S-D1-(0)

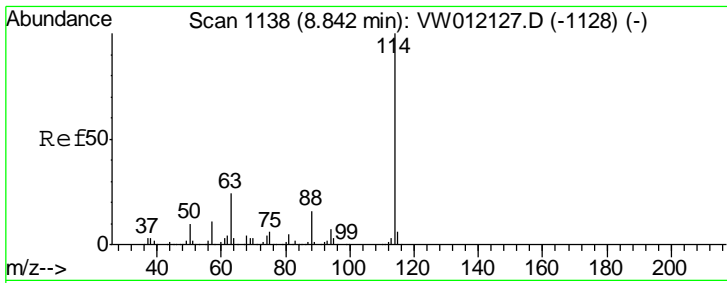
Tgt Ion	Resp	Lower	Upper
56	100		
69	140.5	24.9	37.3#
84	111.8	60.6	90.8#



#33
 1,2-Dichloroethane-d4
 Concen: 56.070 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Resp	Lower	Upper
65	100		
67	50.8	0.0	102.6

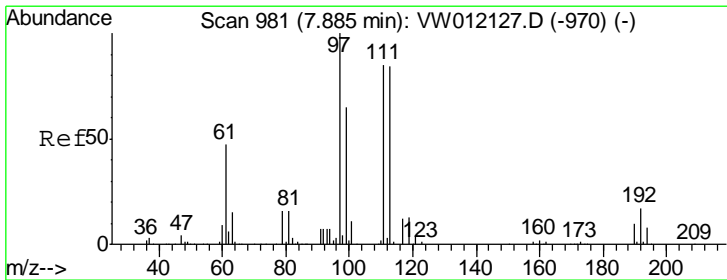
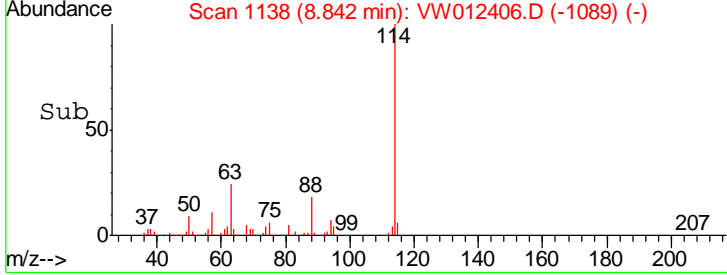
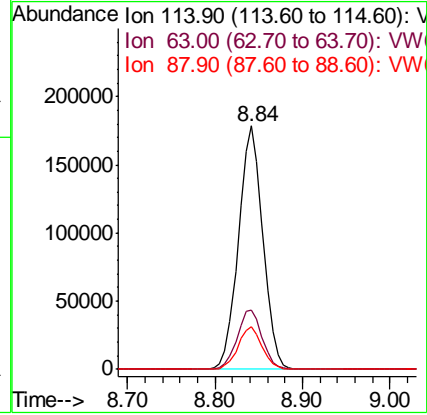
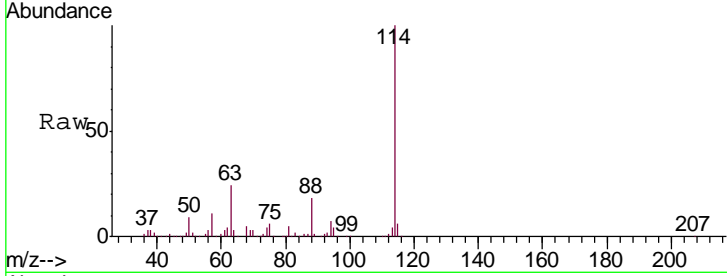




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

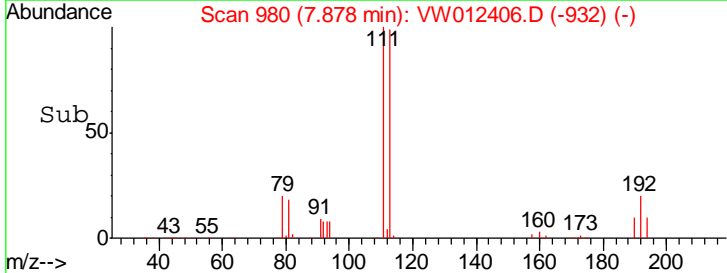
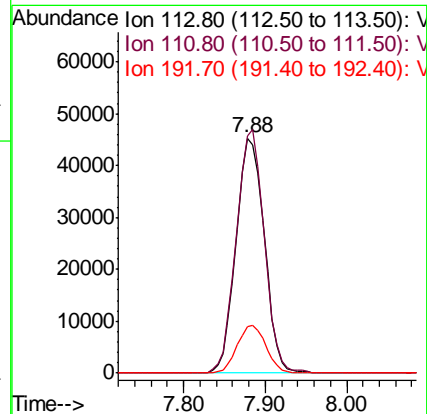
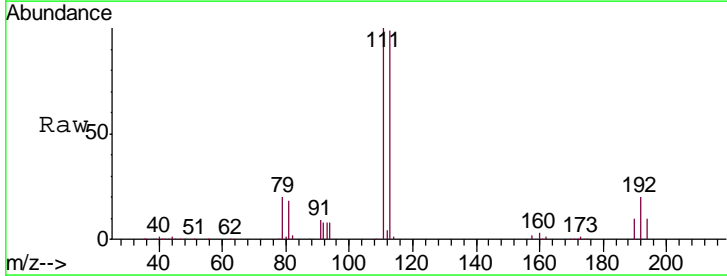
Instrument : MSVOA_W
 ClientSampled : T4-S-D1-(0)

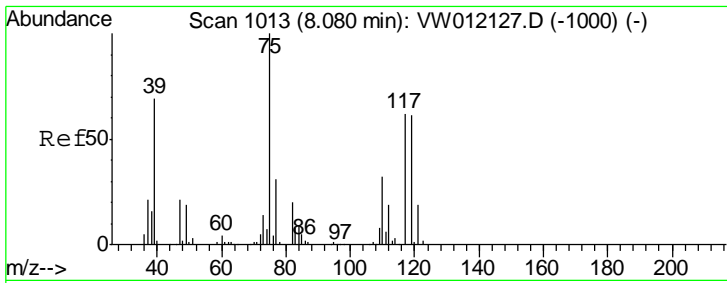
Tgt Ion	Resp	Lower	Upper
114	100		
63	24.2	0.0	48.6
88	17.5	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.613 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	20.7	16.2	24.2

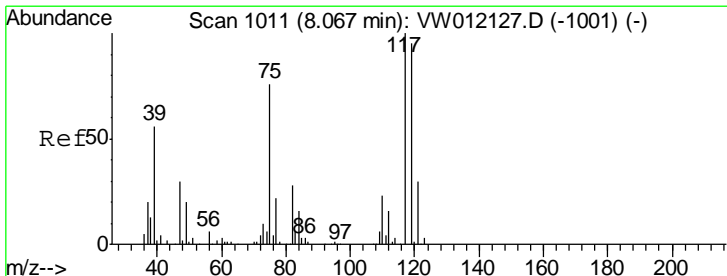
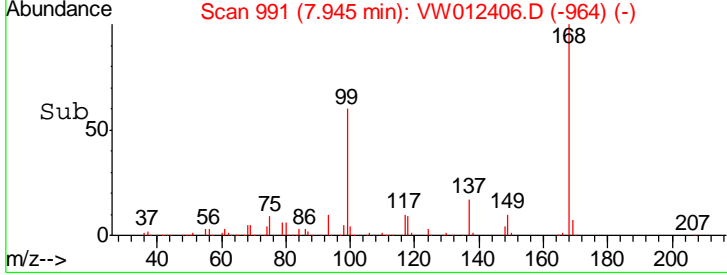
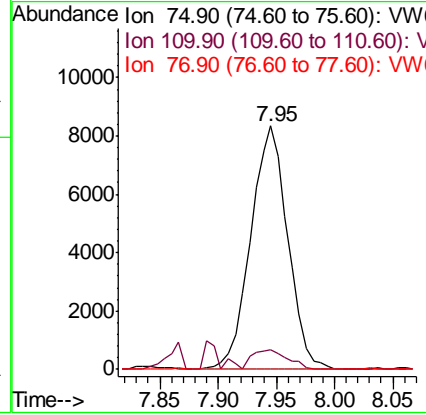
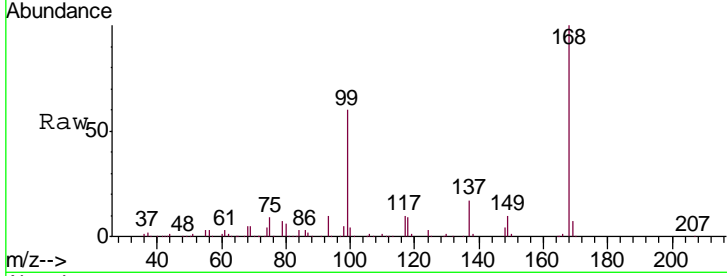




#36
 1,1-Dichloropropene
 Concen: 5.148 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

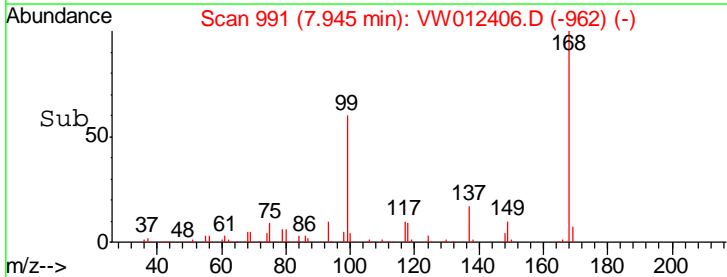
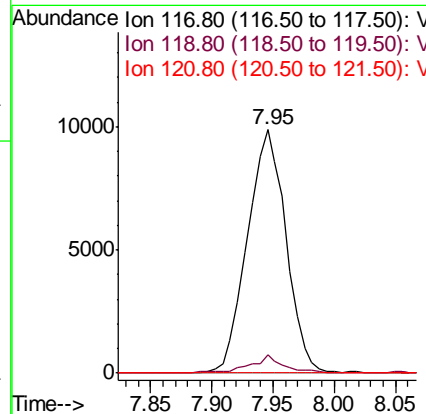
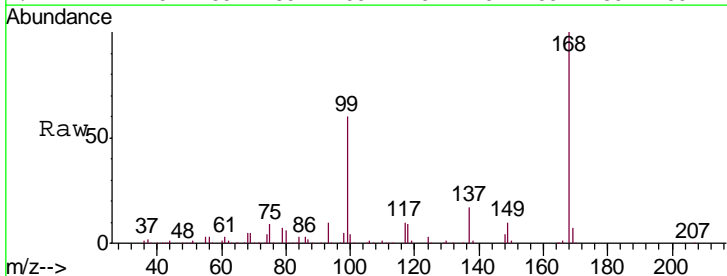
Instrument :
 MSVOA_W
 ClientSampled :
 T4-S-D1-(0)

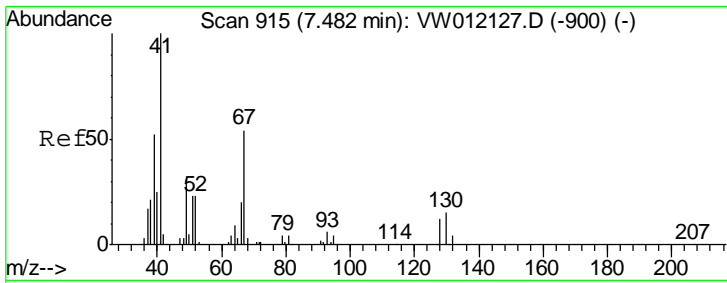
Tgt Ion	Resp	Lower	Upper
75	18417		
110	7.7	15.6	46.8#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 7.016 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Resp	Lower	Upper
117	21724		
119	7.4	76.2	114.2#
121	0.0	23.8	35.8#

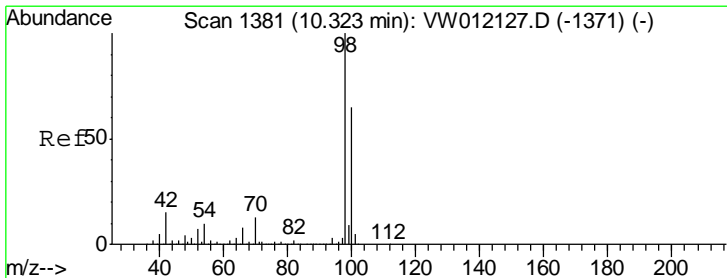
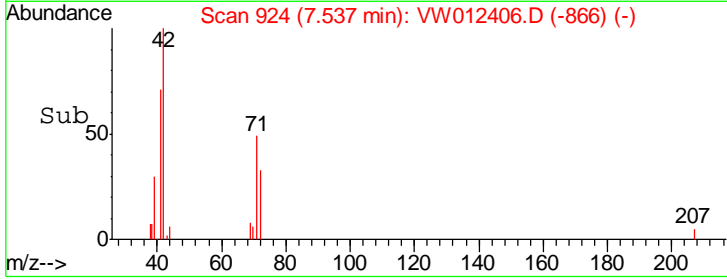
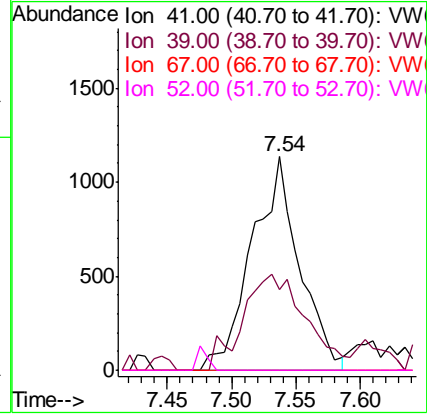
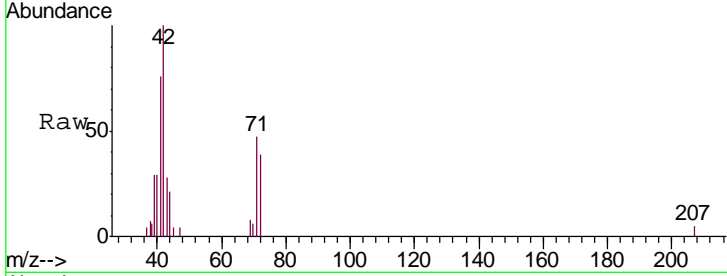




#41
 Methacrylonitrile
 Concen: 2.534 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.05 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

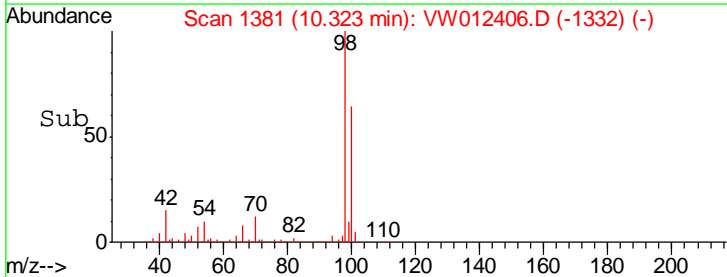
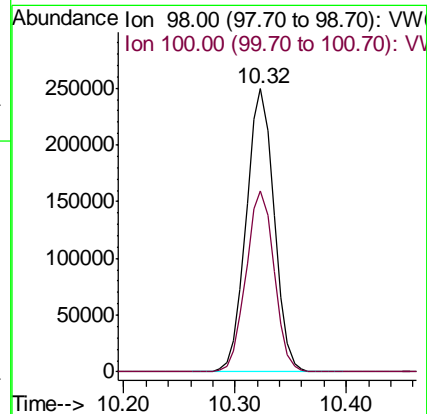
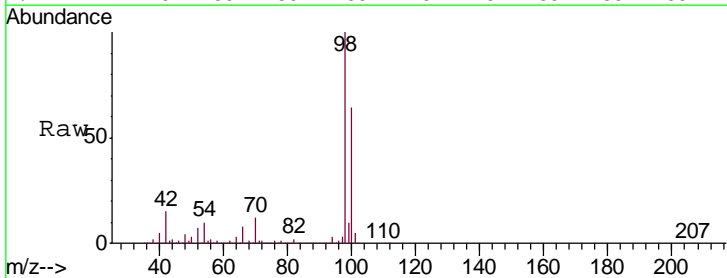
Instrument :
 MSVOA_W
 ClientSampled :
 T4-S-D1-(0)

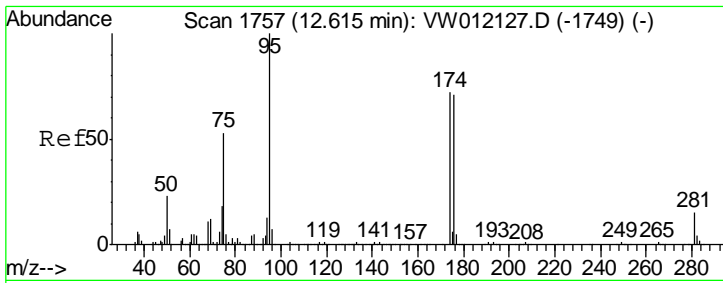
Tgt Ion	Resp	Lower	Upper
41	100		
39	59.8	45.8	68.8
67	0.0	46.2	69.4#
52	0.0	21.0	31.6#



#50
 Toluene-d8
 Concen: 51.797 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Resp	Lower	Upper
98	100		
100	64.5	52.4	78.6

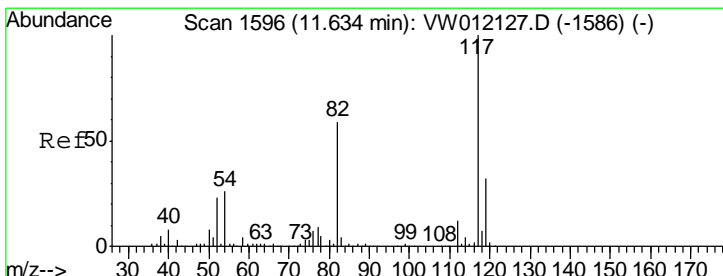
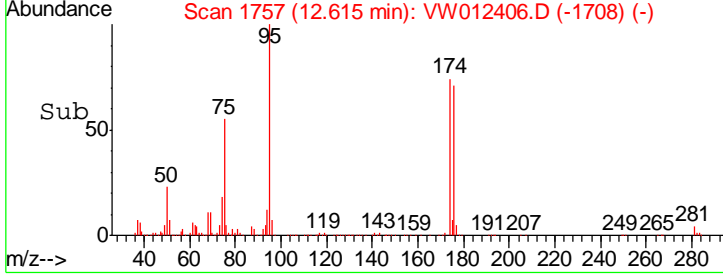
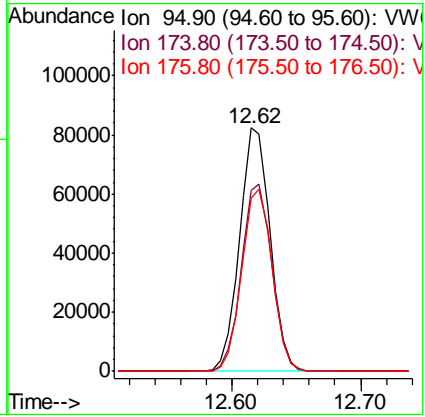
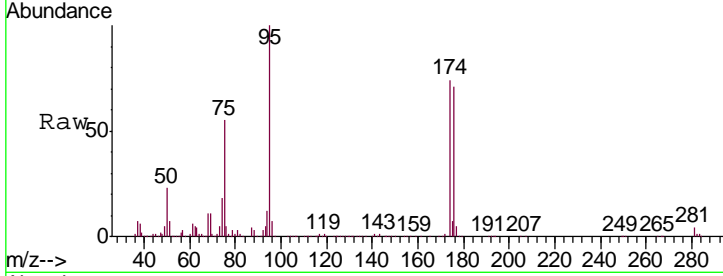




#62
 4-Bromofluorobenzene
 Concen: 45.604 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

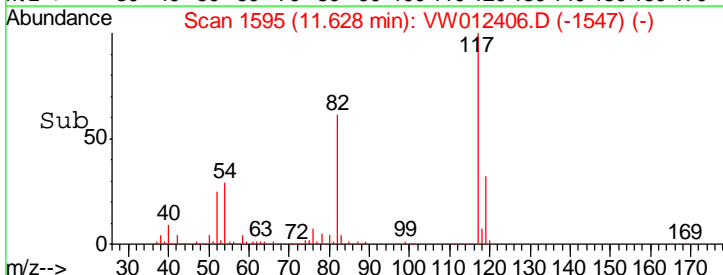
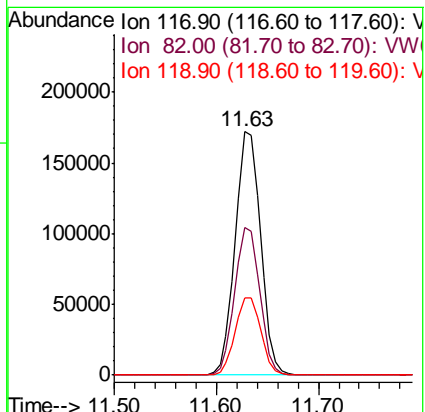
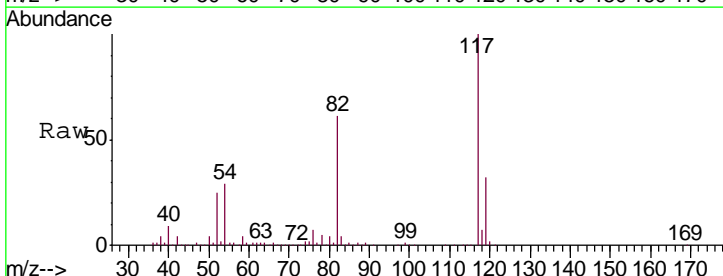
Instrument :
 MSVOA_W
 ClientSampled :
 T4-S-D1-(0)

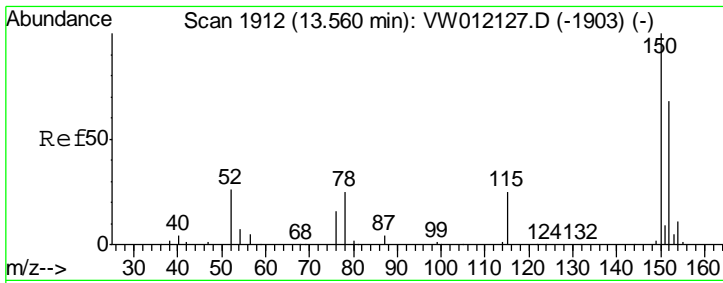
Tgt Ion	Resp	Lower	Upper
95	134684		
174	76.9	0.0	150.8
176	74.4	0.0	148.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Resp	Lower	Upper
117	295783		
82	60.8	47.4	71.2
119	31.7	25.4	38.2

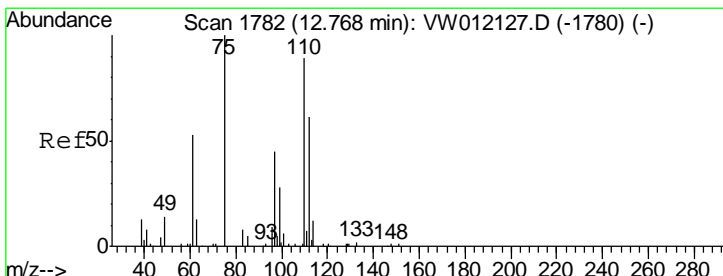
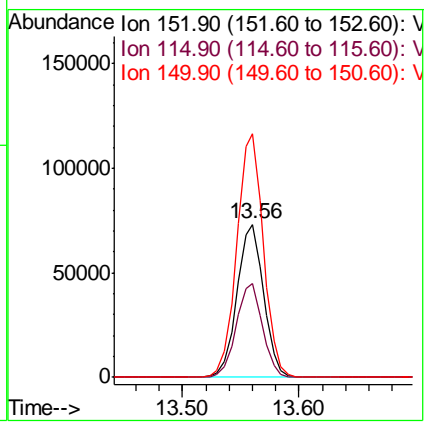
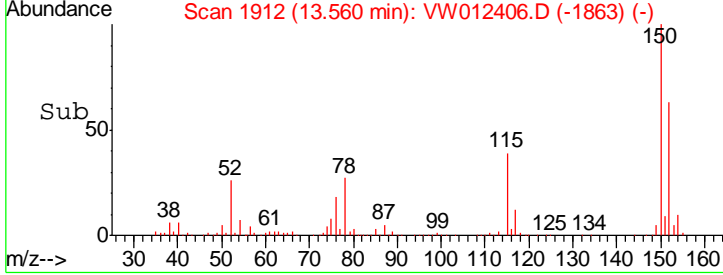
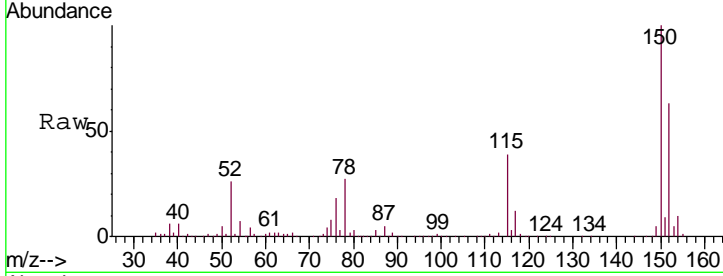




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

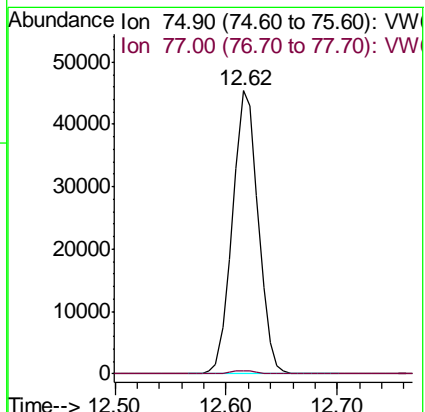
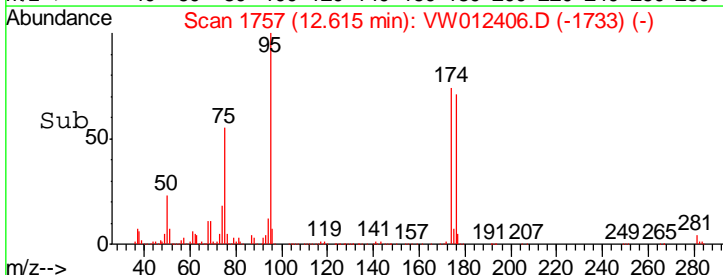
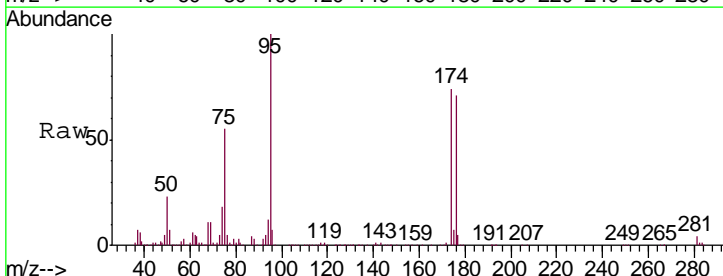
Instrument :
 MSVOA_W
 ClientSampled :
 T4-S-D1-(0)

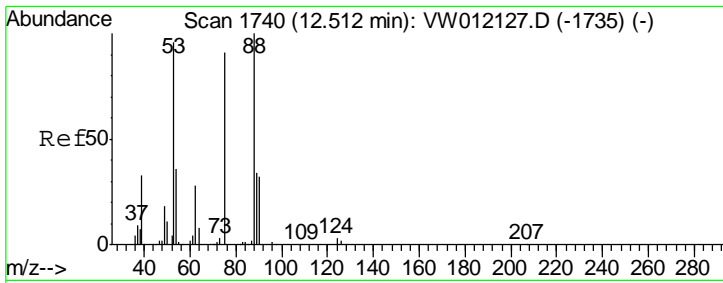
Tgt Ion	Resp	Lower	Upper
152	116403		
115	60.8	30.1	90.3
150	158.4	0.0	345.8



#76
 1,2,3-Trichloropropane
 Concen: 64.190 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Resp	Lower	Upper
75	72771		
75	100		
77	1.3	0.0	0.0#

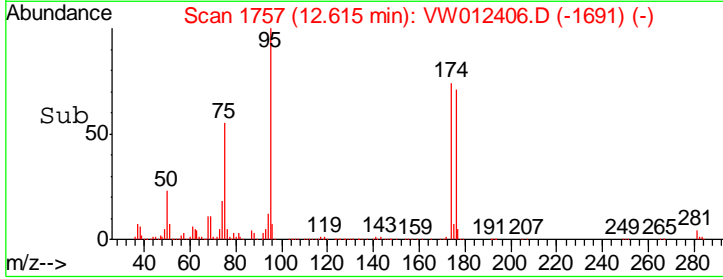
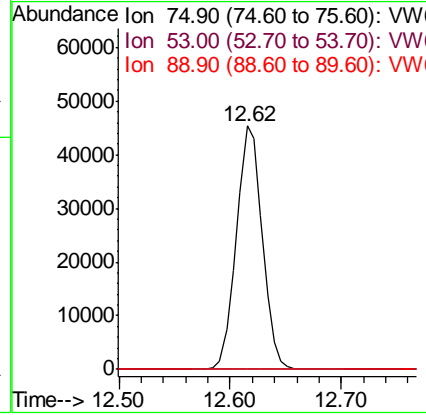
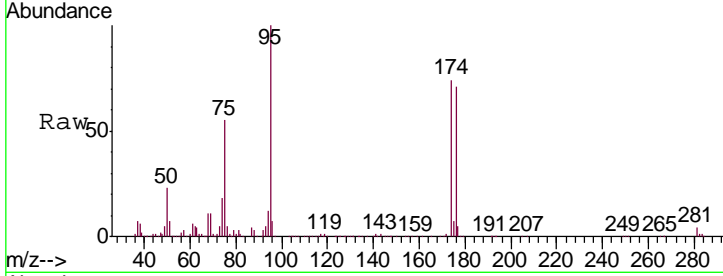




#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.739 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Instrument :
 MSVOA_W
 ClientSampled :
 T4-S-D1-(0)

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.1	89.4	134.0#
89	0.1	34.5	51.7#



#95
 Naphthalene
 Concen: 4.325 ug/l
 RT: 15.22 min Scan# 2184
 Delta R.T. -0.15 min
 Lab File: VW012406.D
 Acq: 31 Aug 2019 17:44

Tgt Ion	Resp	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#

